

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012423\
 Data File : BF132193.D
 Acq On : 24 Jan 2023 15:16
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012423

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/25/2023
 Supervised By : Jagrut Upadhyay 01/25/2023

Quant Time: Jan 25 02:15:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 02:09:50 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.084	152	282556	20.000	ng	0.00
21) Naphthalene-d8	8.372	136	972498	20.000	ng	0.00
39) Acenaphthene-d10	10.137	164	543014	20.000	ng	0.00
64) Phenanthrene-d10	11.636	188	1026157	20.000	ng	0.00
76) Chrysene-d12	14.295	240	574547	20.000	ng	0.00
86) Perylene-d12	15.889	264	531591	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	1241249	79.202	ng	0.00
7) Phenol-d6	6.696	99	1518376	78.701	ng	0.00
23) Nitrobenzene-d5	7.648	82	1441979	79.412	ng	0.00
42) 2,4,6-Tribromophenol	10.931	330	471611	92.466	ng	0.00
45) 2-Fluorobiphenyl	9.448	172	2700453	75.331	ng	0.00
79) Terphenyl-d14	13.230	244	3044391	83.030	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.025	88	302780	37.852	ng	96
3) Pyridine	3.778	79	825613	37.749	ng	97
4) n-Nitrosodimethylamine	3.749	42	349510	35.688	ng	87
6) Aniline	6.748	93	1034965	38.434	ng	97
8) 2-Chlorophenol	6.866	128	668107	41.218	ng	96
9) Benzaldehyde	6.637	77	494309	37.316	ng	96
10) Phenol	6.707	94	798001	39.420	ng	95
11) bis(2-Chloroethyl)ether	6.813	93	662698	38.790	ng	96
12) 1,3-Dichlorobenzene	7.025	146	762352	39.865	ng	98
13) 1,4-Dichlorobenzene	7.101	146	764202	39.960	ng	99
14) 1,2-Dichlorobenzene	7.254	146	702793	39.452	ng	98
15) Benzyl Alcohol	7.219	79	621748	40.229	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.348	45	794068	34.408	ng	99
17) 2-Methylphenol	7.319	107	580831	40.144	ng	98
18) Hexachloroethane	7.601	117	273279	41.164	ng	97
19) n-Nitroso-di-n-propyla...	7.490	70	468668	36.687	ng	100
20) 3+4-Methylphenols	7.472	107	735413	40.447	ng	91
22) Acetophenone	7.490	105	903300	38.487	ng	96
24) Nitrobenzene	7.666	77	752057	39.199	ng	96
25) Isophorone	7.901	82	1330644	38.474	ng	98
26) 2-Nitrophenol	7.978	139	353272	45.129	ng	94
27) 2,4-Dimethylphenol	8.007	122	602288	41.852	ng	99
28) bis(2-Chloroethoxy)met...	8.107	93	778049	38.498	ng	99
29) 2,4-Dichlorophenol	8.219	162	617302	42.813	ng	98
30) 1,2,4-Trichlorobenzene	8.307	180	700363	40.730	ng	98
31) Naphthalene	8.395	128	1862482	39.238	ng	99
32) Benzoic acid	8.113	122	423264m	44.907	ng	
33) 4-Chloroaniline	8.437	127	821540	39.980	ng	97
34) Hexachlorobutadiene	8.507	225	488536	42.157	ng	98
35) Caprolactam	8.813	113	166372	44.954	ng	# 86
36) 4-Chloro-3-methylphenol	8.907	107	578369	41.128	ng	98
37) 2-Methylnaphthalene	9.084	142	1358648	39.454	ng	99
38) 1-Methylnaphthalene	9.184	142	1262290	39.780	ng	99
40) 1,2,4,5-Tetrachloroben...	9.248	216	769866	40.395	ng	99
41) Hexachlorocyclopentadiene	9.237	237	466710	45.491	ng	100
43) 2,4,6-Trichlorophenol	9.354	196	487102	43.689	ng	98

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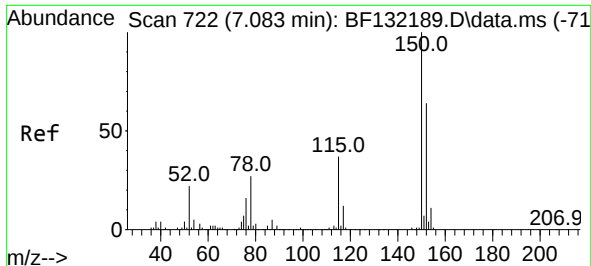
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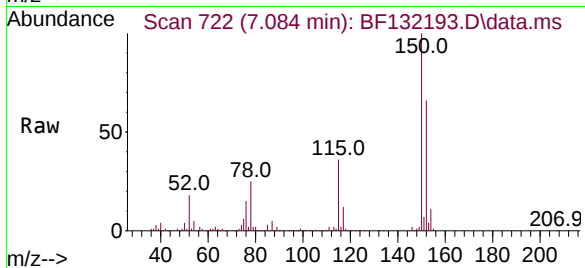
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.395	196	563270	43.118	ng	98
46) 1,1'-Biphenyl	9.548	154	1613253	39.576	ng	99
47) 2-Chloronaphthalene	9.578	162	1266595	39.894	ng	99
48) 2-Nitroaniline	9.666	65	357783	43.724	ng	98
49) Acenaphthylene	10.001	152	1906106	39.332	ng	99
50) Dimethylphthalate	9.848	163	1511005	41.706	ng	100
51) 2,6-Dinitrotoluene	9.913	165	352598	45.926	ng	89
52) Acenaphthene	10.172	154	1223695	40.036	ng	99
53) 3-Nitroaniline	10.084	138	353443	43.556	ng	93
54) 2,4-Dinitrophenol	10.184	184	162509	42.718	ng	89
55) Dibenzofuran	10.342	168	1794554	39.456	ng	99
56) 4-Nitrophenol	10.225	139	264468	47.026	ng	92
57) 2,4-Dinitrotoluene	10.313	165	446715	46.736	ng	93
58) Fluorene	10.689	166	1370223	38.997	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.454	232	447585	45.880	ng	95
60) Diethylphthalate	10.548	149	1470911	42.391	ng	98
61) 4-Chlorophenyl-phenyle...	10.678	204	795663	40.021	ng	98
62) 4-Nitroaniline	10.701	138	334720	42.761	ng	93
63) Azobenzene	10.836	77	1312791	37.018	ng	97
65) 4,6-Dinitro-2-methylph...	10.725	198	234064	43.656	ng	94
66) n-Nitrosodiphenylamine	10.795	169	1214938	39.758	ng	100
67) 4-Bromophenyl-phenylether	11.172	248	511952	41.736	ng	94
68) Hexachlorobenzene	11.236	284	509057	42.254	ng	97
69) Atrazine	11.319	200	420432	43.700	ng	99
70) Pentachlorophenol	11.425	266	368335	45.731	ng	99
71) Phenanthrene	11.660	178	2011729	39.457	ng	100
72) Anthracene	11.713	178	2012835	38.932	ng	100
73) Carbazole	11.866	167	1730843	39.721	ng	100
74) Di-n-butylphthalate	12.183	149	2122746	43.777	ng	100
75) Fluoranthene	12.860	202	2119071	39.740	ng	99
77) Benzidine	12.972	184	618413	42.251	ng	97
78) Pyrene	13.089	202	2114163	41.427	ng	99
80) Butylbenzylphthalate	13.701	149	746196	45.150	ng	96
81) Benzo(a)anthracene	14.283	228	1651692	40.410	ng	99
82) 3,3'-Dichlorobenzidine	14.242	252	493083	45.264	ng	96
83) Chrysene	14.324	228	1523066	39.898	ng	99
84) Bis(2-ethylhexyl)phtha...	14.260	149	969556	48.036	ng	99
85) Di-n-octyl phthalate	14.895	149	1323026	43.315	ng	97
87) Indeno(1,2,3-cd)pyrene	17.548	276	1607096	44.009	ng	99
88) Benzo(b)fluoranthene	15.407	252	1374302	40.344	ng	99
89) Benzo(k)fluoranthene	15.442	252	1360270	39.111	ng	99
90) Benzo(a)pyrene	15.818	252	1316159	41.275	ng	99
91) Dibenzo(a,h)anthracene	17.571	278	1332538	44.185	ng	99
92) Benzo(g,h,i)perylene	18.054	276	1335335	43.737	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.084 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

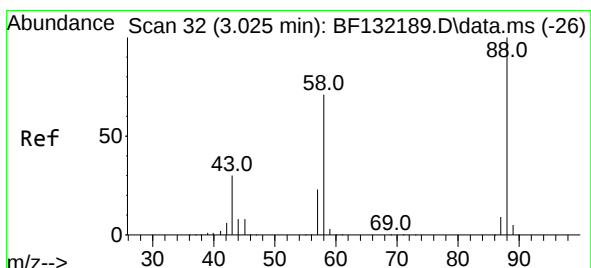
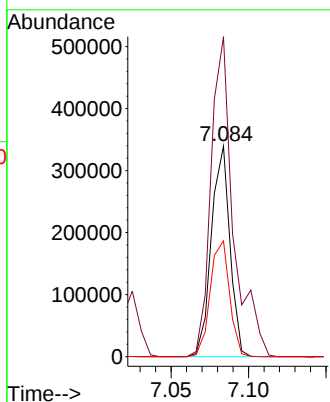
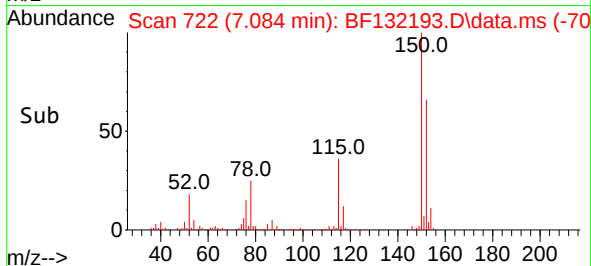
Instrument :
BNA_F
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ICVBF012423



Tgt Ion:152 Resp: 282556
Ion Ratio Lower Upper
152 100
150 152.0 124.6 187.0
115 55.0 45.5 68.3

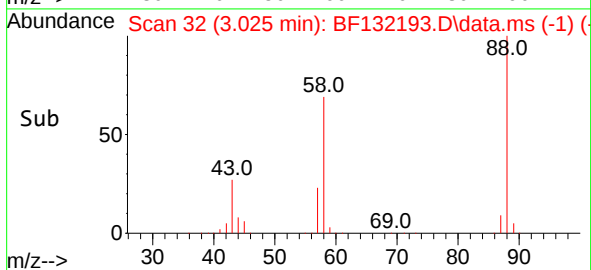
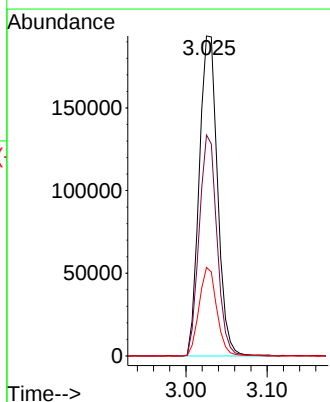
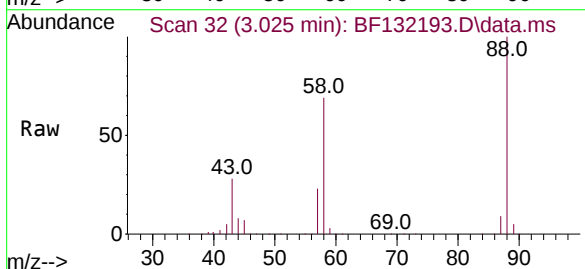
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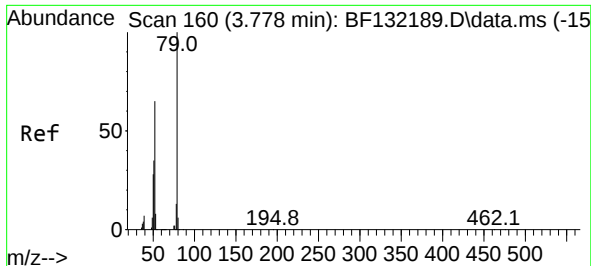
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#2
1,4-Dioxane
Concen: 37.852 ng
RT: 3.025 min Scan# 32
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

Tgt Ion: 88 Resp: 302780
Ion Ratio Lower Upper
88 100
58 67.1 56.0 84.0
43 26.7 23.8 35.6





#3
 Pyridine
 Concen: 37.749 ng
 RT: 3.778 min Scan# 160
 Delta R.T. 0.000 min
 Lab File: BF132193.D
 Acq: 24 Jan 2023 15:16

Instrument :

BNA_F

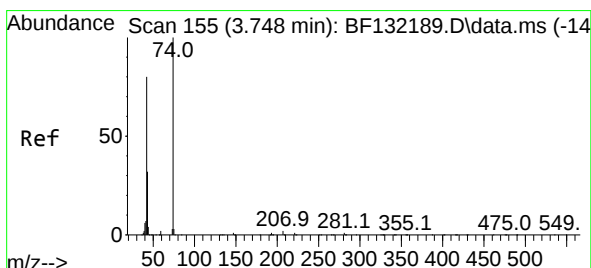
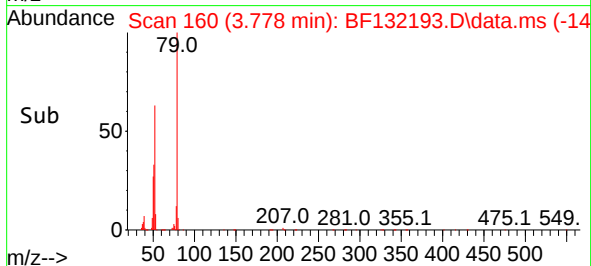
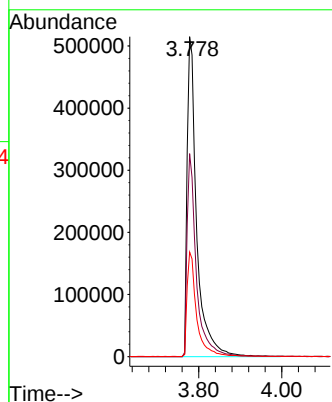
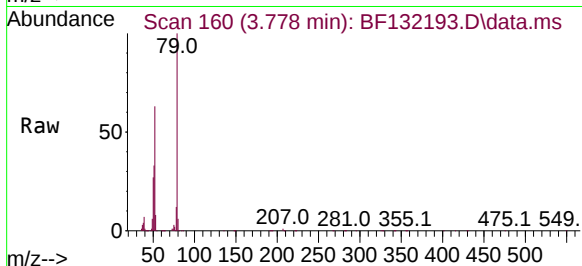
ClientSampleId :

ICVBF012423

Tgt Ion: 79 Resp: 825613
 Ion Ratio Lower Upper
 79 100
 52 63.4 52.0 78.0
 51 32.7 27.8 41.6

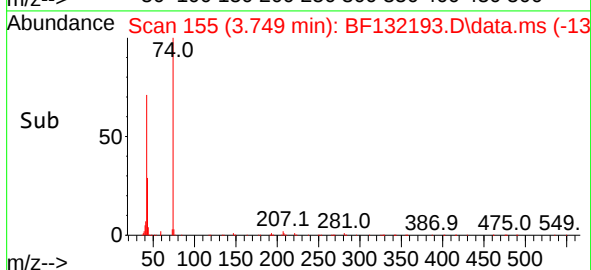
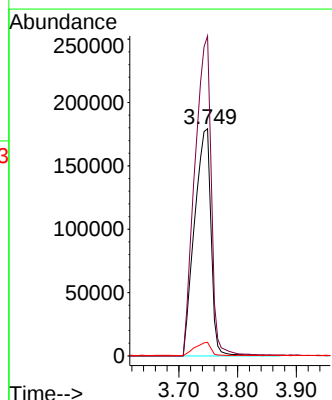
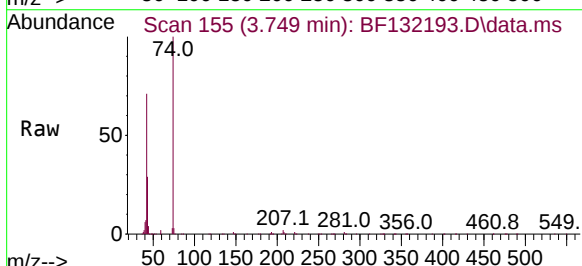
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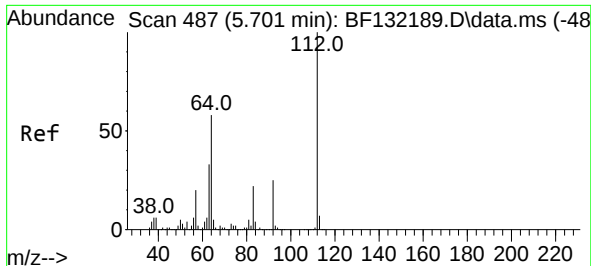
Reviewed By :Christian Giraldo 01/25/2023
 Supervised By :Jagrut Upadhyay 01/25/2023



#4
 n-Nitrosodimethylamine
 Concen: 35.688 ng
 RT: 3.749 min Scan# 155
 Delta R.T. 0.000 min
 Lab File: BF132193.D
 Acq: 24 Jan 2023 15:16

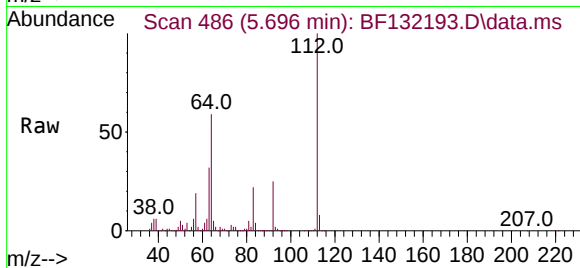
Tgt Ion: 42 Resp: 349510
 Ion Ratio Lower Upper
 42 100
 74 140.9 100.2 150.4
 44 5.9 4.5 6.7





#5
2-Fluorophenol
Concen: 79.202 ng
RT: 5.696 min Scan# 487
Delta R.T. -0.006 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

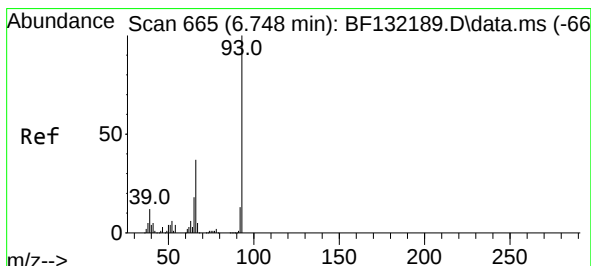
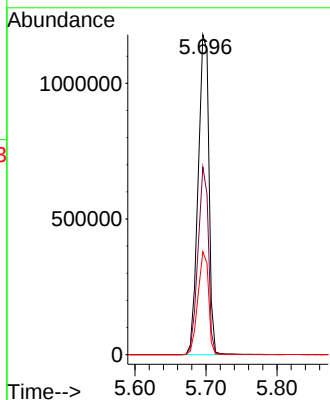
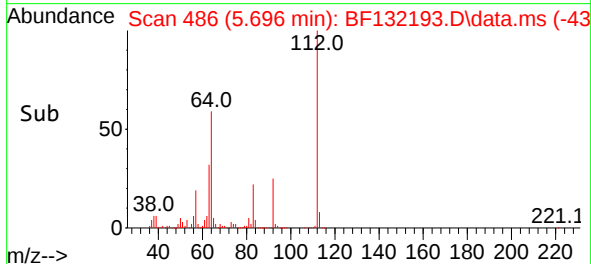
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Tgt Ion: 112 Resp: 1241249
Ion Ratio Lower Upper
112 100
64 58.6 46.6 69.8
63 32.1 26.1 39.1

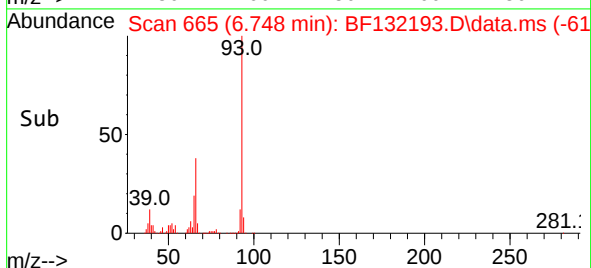
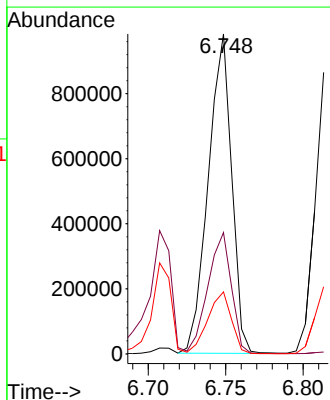
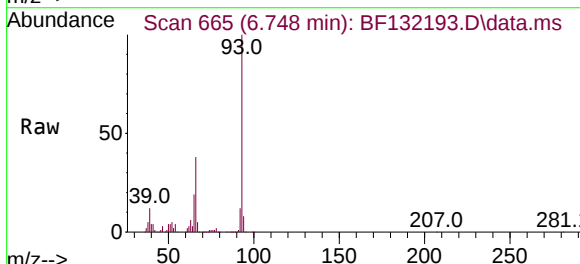
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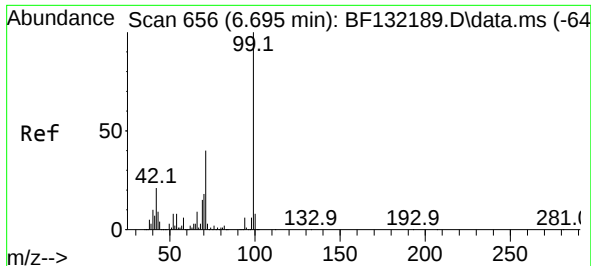
Reviewed By :Christian Giraldo 01/25/2023
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#6
Aniline
Concen: 38.434 ng
RT: 6.748 min Scan# 665
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

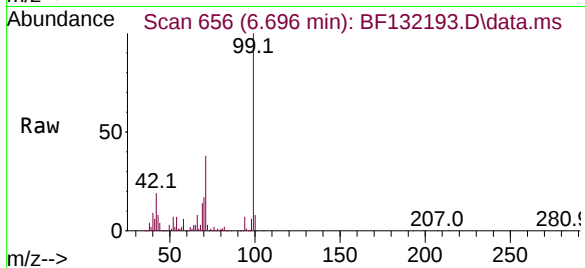
Tgt Ion: 93 Resp: 1034965
Ion Ratio Lower Upper
93 100
66 37.9 31.9 47.9
65 19.4 16.4 24.6





#7
Phenol-d6
Concen: 78.701 ng
RT: 6.696 min Scan# 656
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

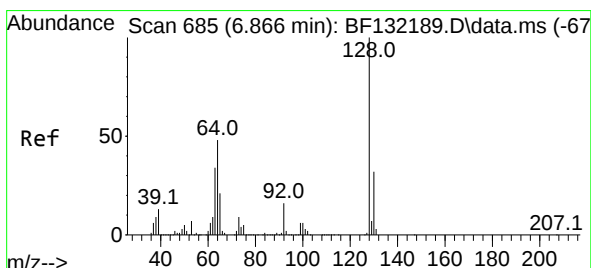
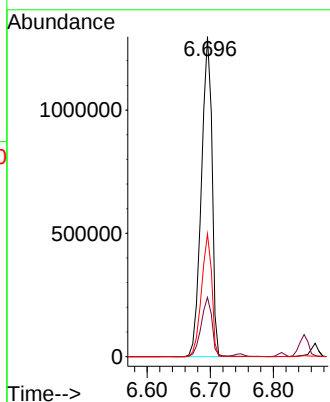
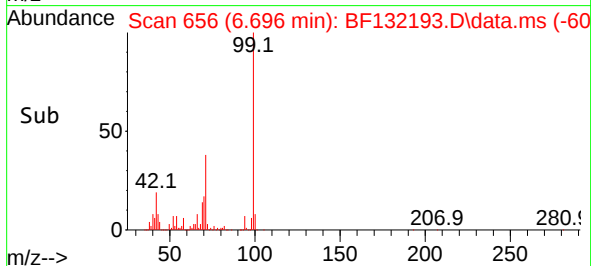
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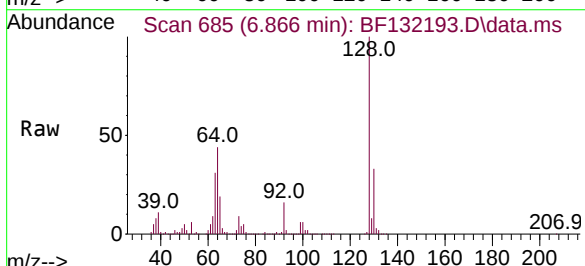
Tgt Ion: 99 Resp: 1518376
Ion Ratio Lower Upper
99 100
42 18.5 16.9 25.3
71 38.3 32.0 48.0

Manual Integrations
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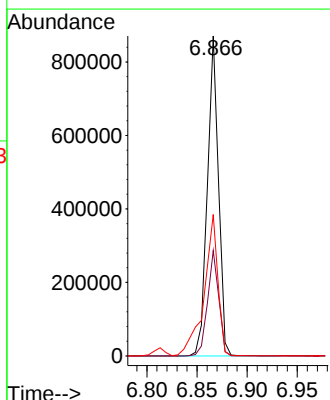
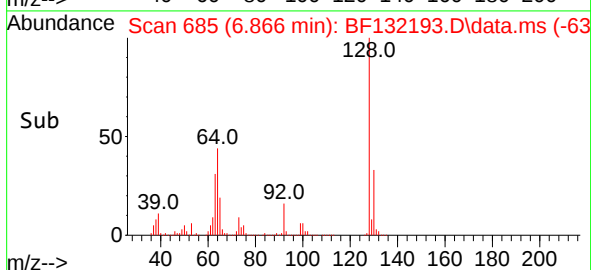
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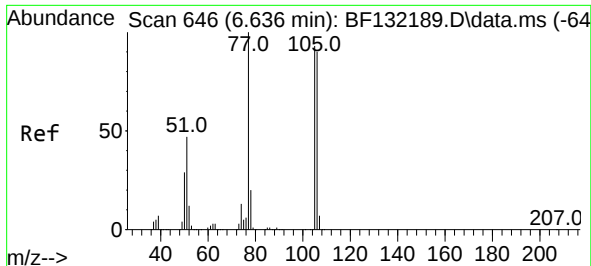


#8
2-Chlorophenol
Concen: 41.218 ng
RT: 6.866 min Scan# 685
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16



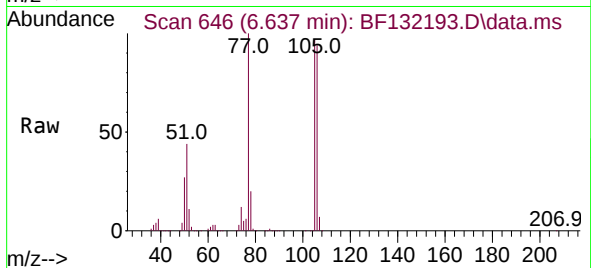
Tgt Ion:128 Resp: 668107
Ion Ratio Lower Upper
128 100
130 32.9 12.3 52.3
64 44.2 28.1 68.1





#9
Benzaldehyde
Concen: 37.316 ng
RT: 6.637 min Scan# 646
Delta R.T. 0.001 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

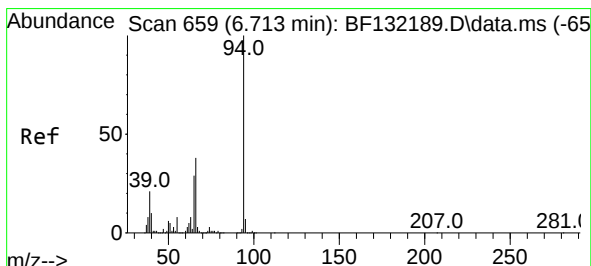
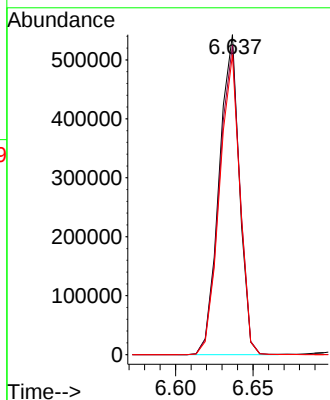
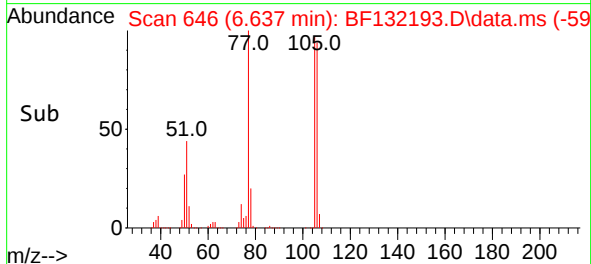
Instrument :
BNA_F
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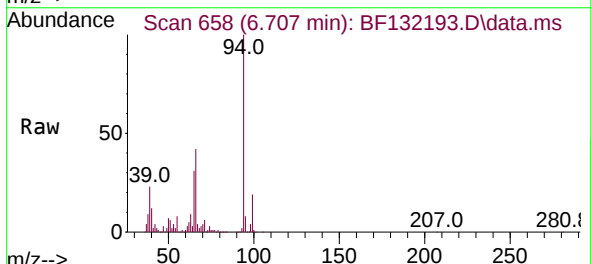
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Ion Ratio Lower Upper
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105 96.7 73.1 113.1
106 93.7 69.5 109.5

Manual Integrations
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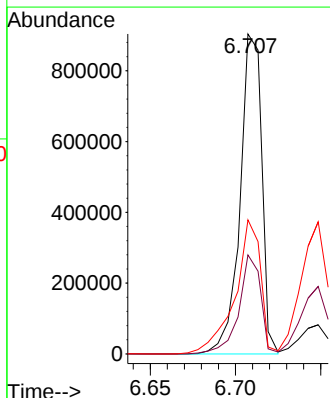
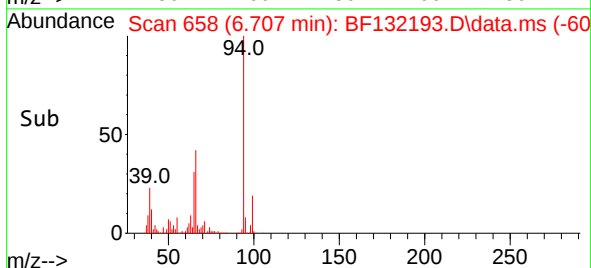
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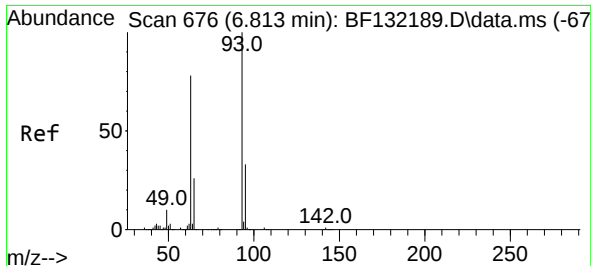


#10
Phenol
Concen: 39.420 ng
RT: 6.707 min Scan# 658
Delta R.T. -0.006 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16



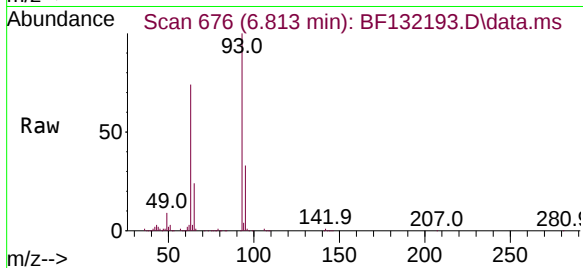
Tgt Ion: 94 Resp: 798001
Ion Ratio Lower Upper
94 100
65 30.9 9.3 49.3
66 41.9 18.4 58.4





#11
bis(2-Chloroethyl)ether
Concen: 38.790 ng
RT: 6.813 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

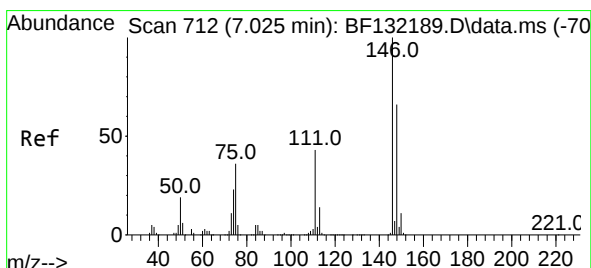
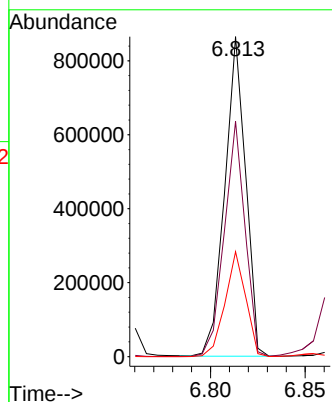
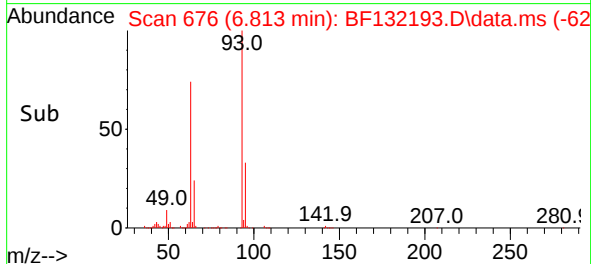
Instrument :
BNA_F
ClientSampleId :
ICVBF012423



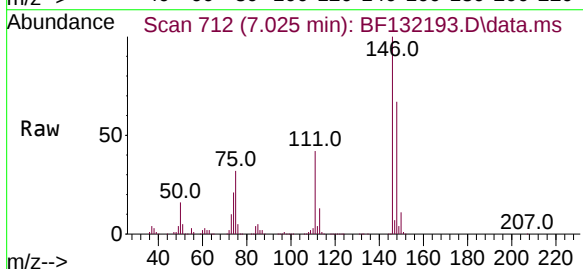
Tgt Ion: 93 Resp: 662698
Ion Ratio Lower Upper
93 100
63 73.6 58.1 98.1
95 32.8 13.1 53.1

Manual Integrations
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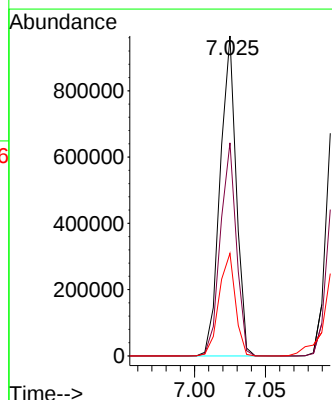
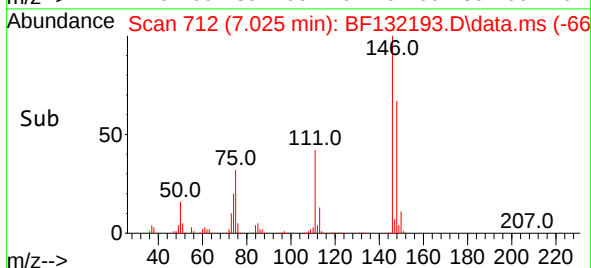
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

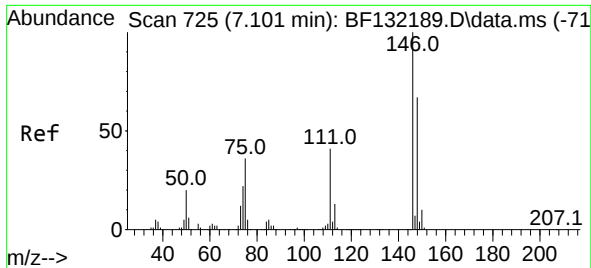


#12
1,3-Dichlorobenzene
Concen: 39.865 ng
RT: 7.025 min Scan# 712
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16



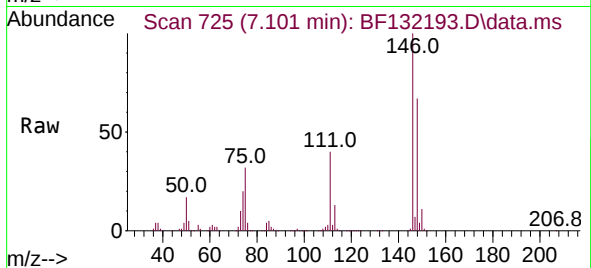
Tgt Ion:146 Resp: 762352
Ion Ratio Lower Upper
146 100
148 66.6 53.2 79.8
75 32.0 28.5 42.7





#13
1,4-Dichlorobenzene
Concen: 39.960 ng
RT: 7.101 min Scan# 725
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

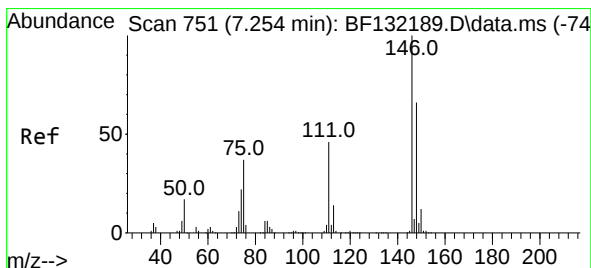
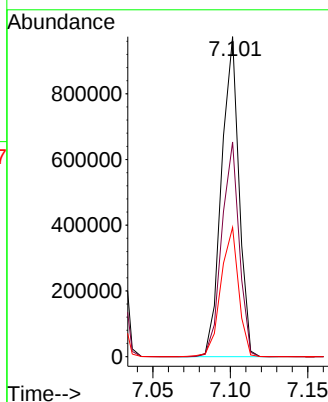
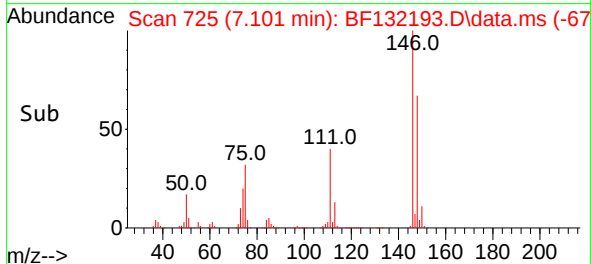
Instrument :
BNA_F
ClientSampleId :
ICVBF012423



Tgt Ion:146 Resp: 764202
Ion Ratio Lower Upper
146 100
148 67.1 53.5 80.3
111 40.4 33.0 49.4

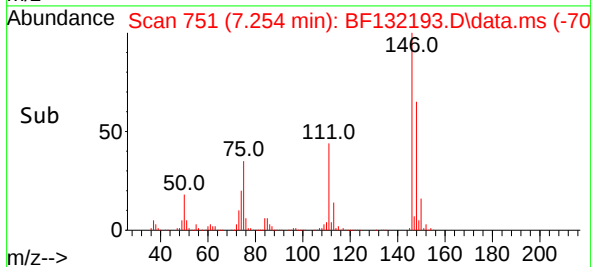
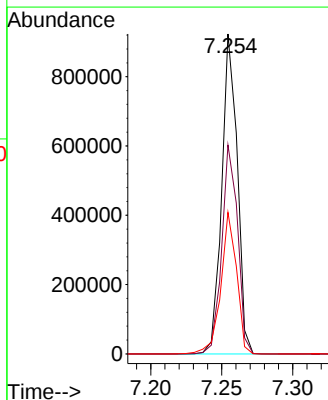
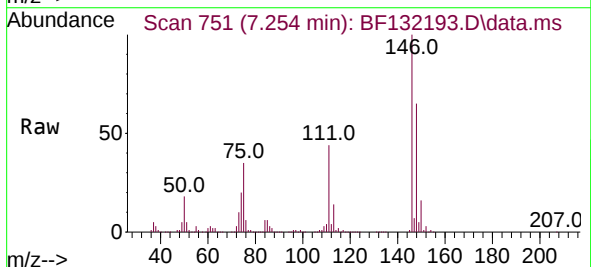
Manual Integrations
APPROVED

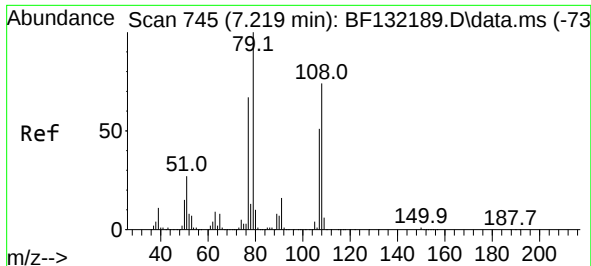
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#14
1,2-Dichlorobenzene
Concen: 39.452 ng
RT: 7.254 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

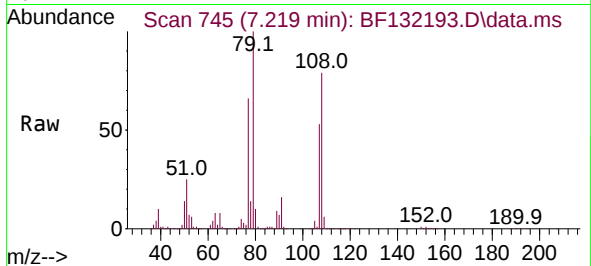
Tgt Ion:146 Resp: 702793
Ion Ratio Lower Upper
146 100
148 65.3 53.1 79.7
111 44.2 36.6 54.8





#15
Benzyl Alcohol
Concen: 40.229 ng
RT: 7.219 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

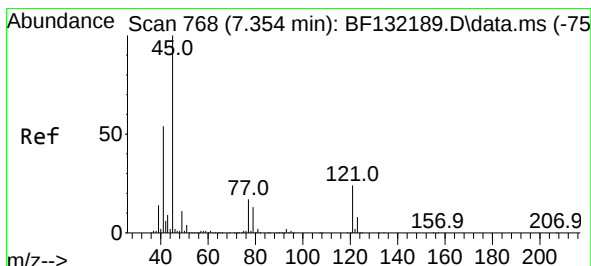
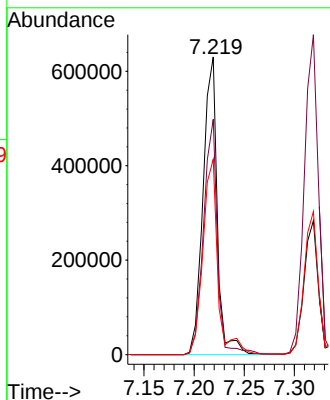
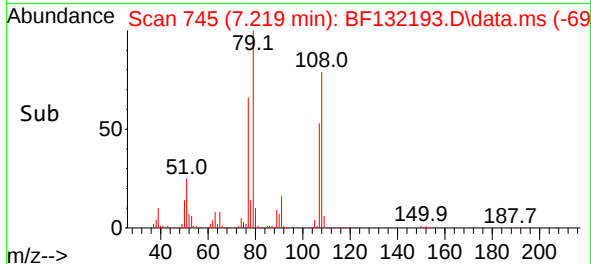
Instrument :
BNA_F
ClientSampleId :
ICVBF012423



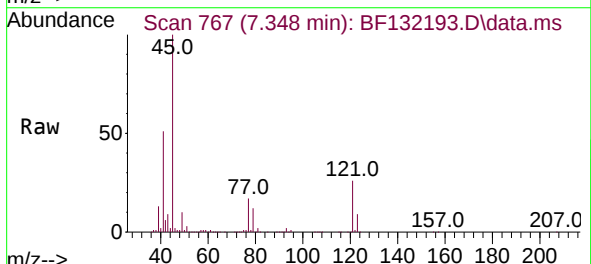
Tgt Ion: 79 Resp: 621748
Ion Ratio Lower Upper
79 100
108 79.1 59.4 89.2
77 65.6 53.9 80.9

Manual Integrations
APPROVED

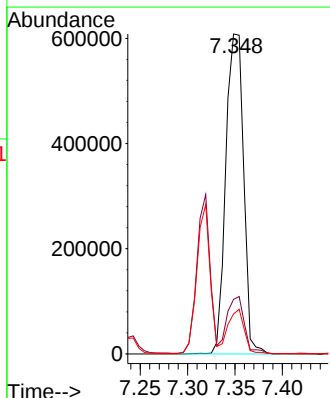
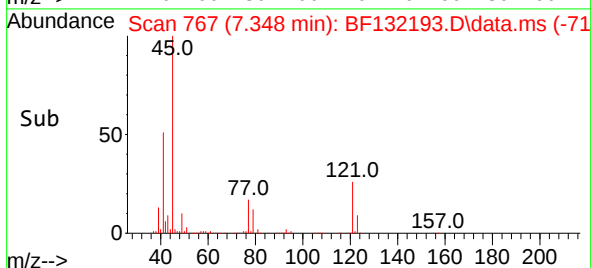
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

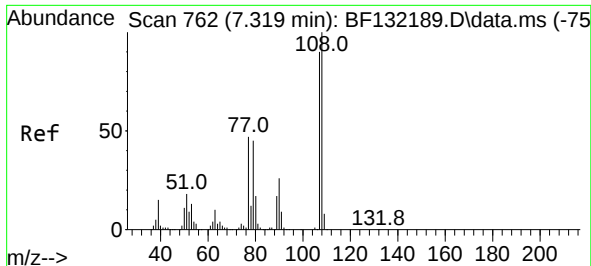


#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.408 ng
RT: 7.348 min Scan# 767
Delta R.T. -0.006 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16



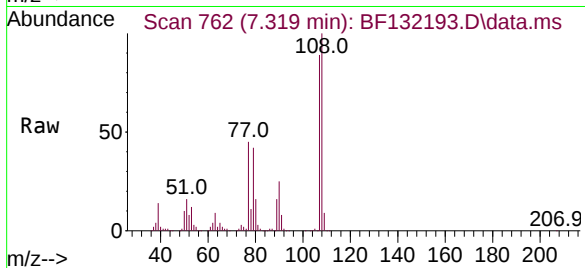
Tgt Ion: 45 Resp: 794068
Ion Ratio Lower Upper
45 100
77 17.0 0.0 36.8
79 12.5 0.0 32.9





#17
2-Methylphenol
Concen: 40.144 ng
RT: 7.319 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

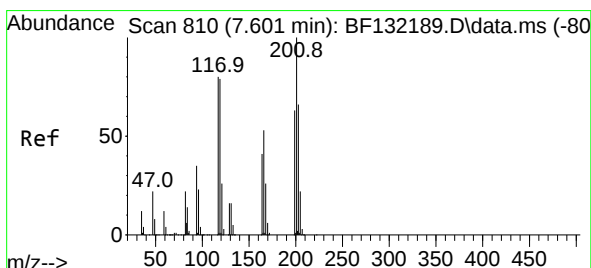
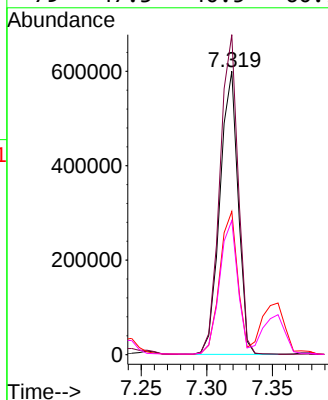
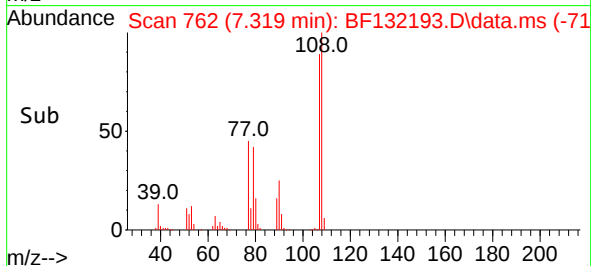
Instrument :
BNA_F
ClientSampleId :
ICVBF012423



Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.9	89.4	134.2
77	50.5	42.2	63.4
79	47.3	40.5	60.7

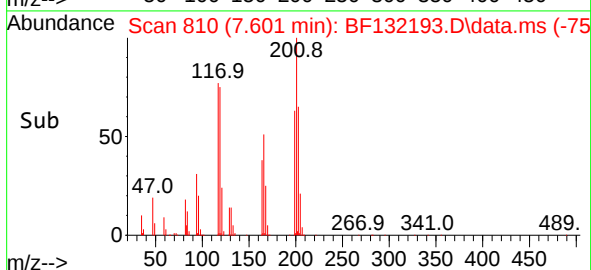
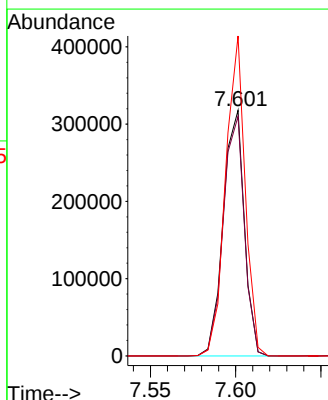
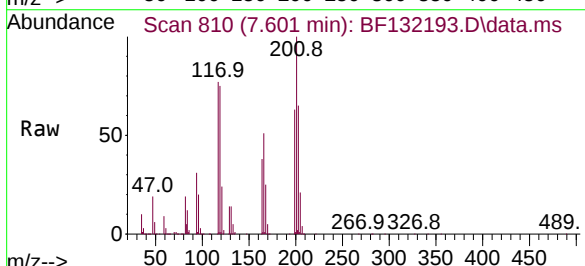
Manual Integrations
APPROVED

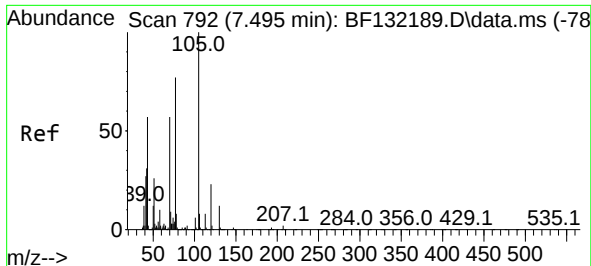
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#18
Hexachloroethane
Concen: 41.164 ng
RT: 7.601 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	78.6	117.8
201	130.3	99.7	149.5





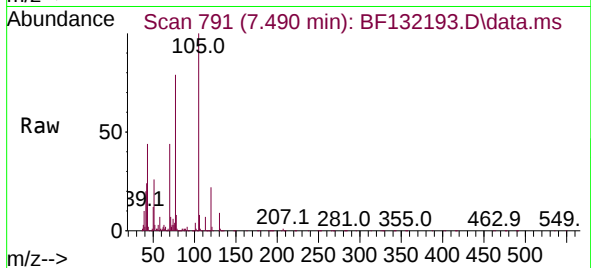
#19
n-Nitroso-di-n-propylamine
Concen: 36.687 ng
RT: 7.490 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

Instrument :

BNA_F

ClientSampleId :

ICVBF012423

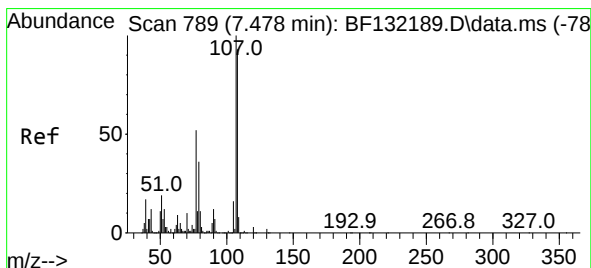
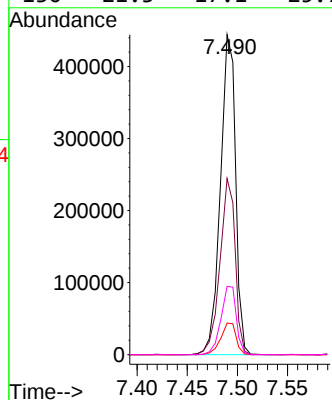


Tgt Ion: 70 Resp: 468668
Ion Ratio Lower Upper
70 100
42 55.0 44.3 66.5
101 9.9 8.1 12.1
130 21.3 17.1 25.7

Manual Integrations

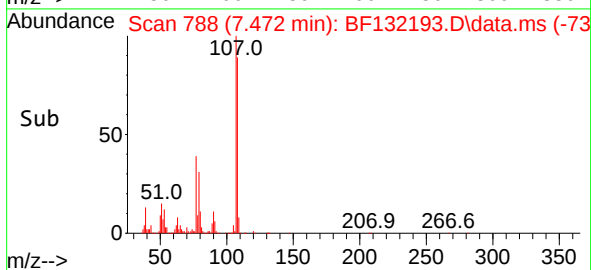
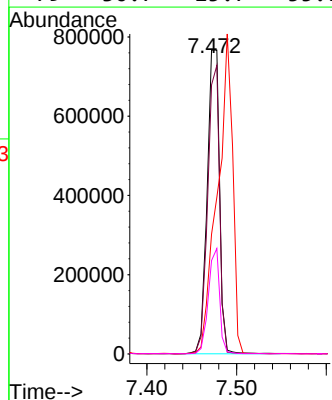
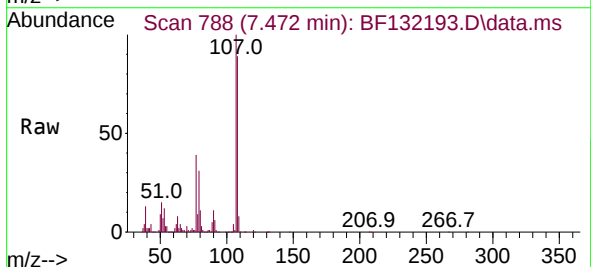
APPROVED

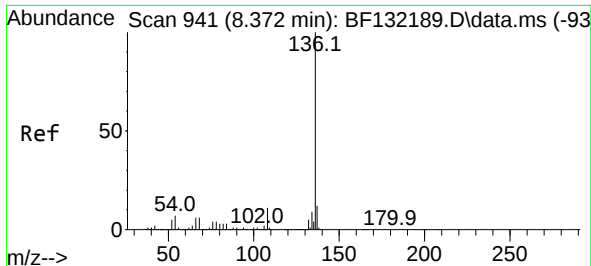
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#20
3+4-Methylphenols
Concen: 40.447 ng
RT: 7.472 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

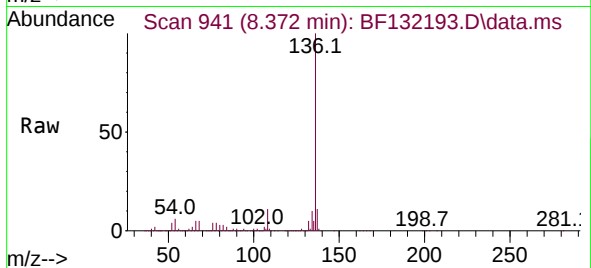
Tgt Ion:107 Resp: 735413
Ion Ratio Lower Upper
107 100
108 88.6 73.4 113.4
77 39.4 32.0 72.0
79 30.7 15.7 55.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.372 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

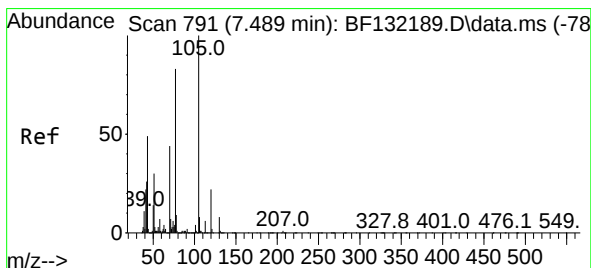
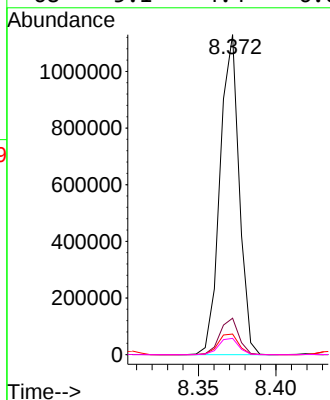
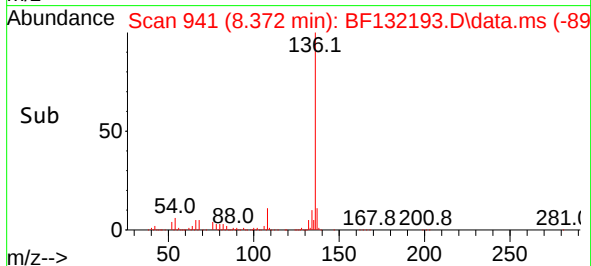
Instrument :
BNA_F
ClientSampleId :
ICVBF012423



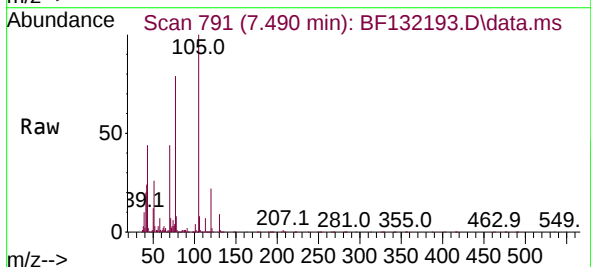
Tgt Ion:136 Resp: 972498
Ion Ratio Lower Upper
136 100
137 11.4 9.4 14.2
54 6.4 6.0 9.0
68 5.1 4.4 6.6

Manual Integrations
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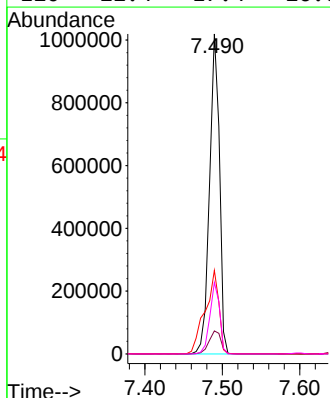
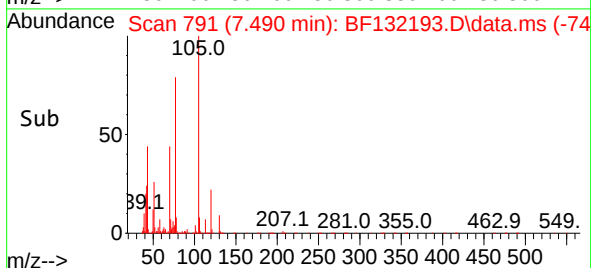
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

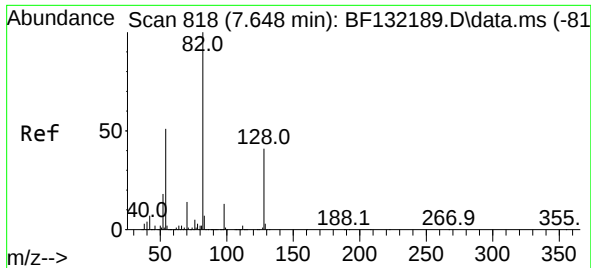


#22
Acetophenone
Concen: 38.487 ng
RT: 7.490 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16



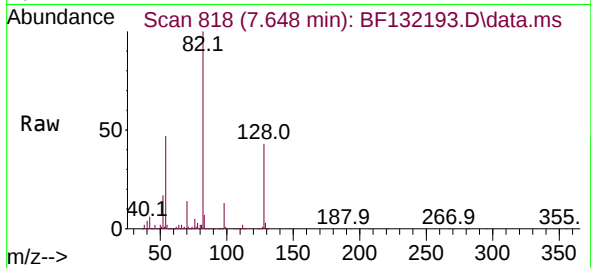
Tgt Ion:105 Resp: 903300
Ion Ratio Lower Upper
105 100
71 7.2 5.9 8.9
51 26.1 23.8 35.8
120 22.4 17.4 26.0





#23
Nitrobenzene-d5
Concen: 79.412 ng
RT: 7.648 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

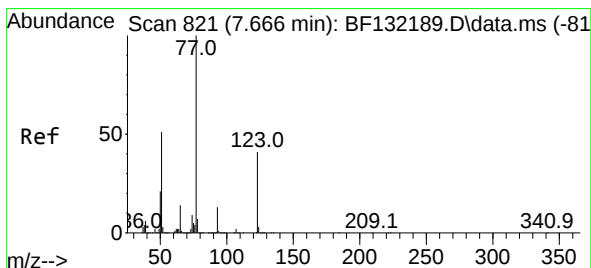
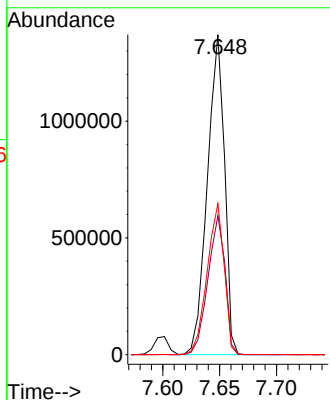
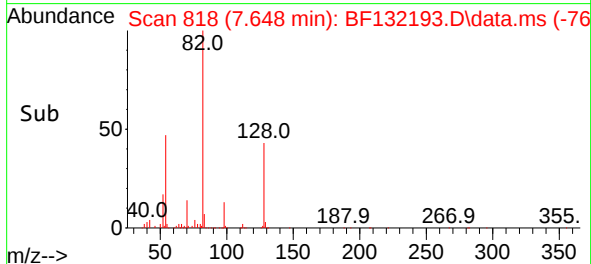
Instrument :
BNA_F
ClientSampleId :
ICVBF012423



Tgt Ion: 82 Resp: 1441979
Ion Ratio Lower Upper
82 100
128 43.4 32.6 49.0
54 47.2 40.4 60.6

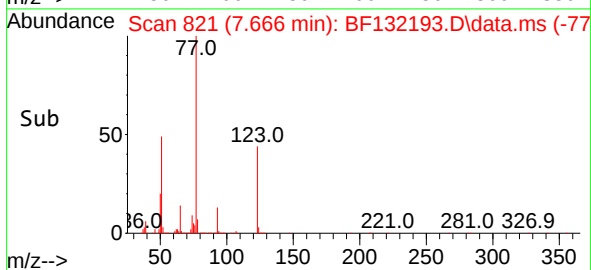
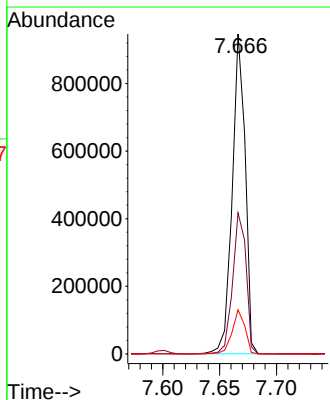
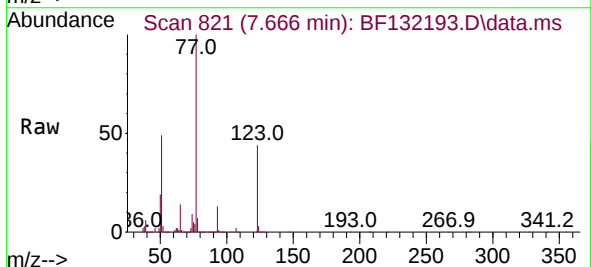
Manual Integrations
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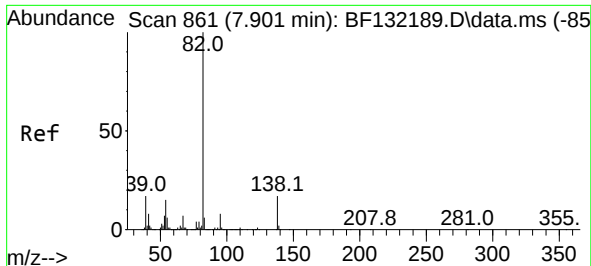
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#24
Nitrobenzene
Concen: 39.199 ng
RT: 7.666 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

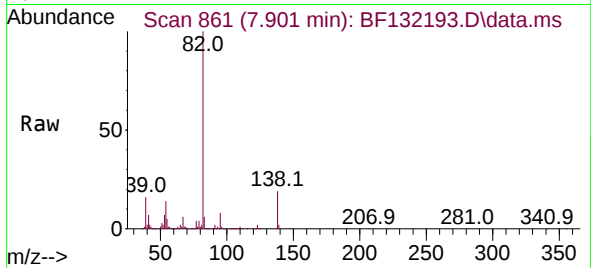
Tgt Ion: 77 Resp: 752057
Ion Ratio Lower Upper
77 100
123 44.1 32.8 49.2
65 13.8 10.9 16.3





#25
Isophorone
Concen: 38.474 ng
RT: 7.901 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

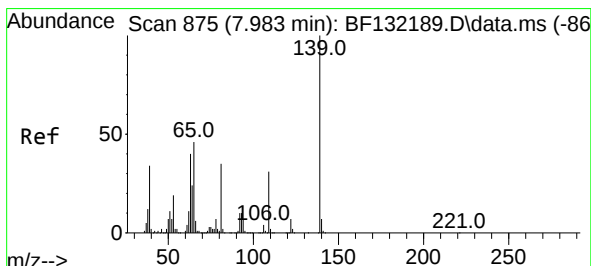
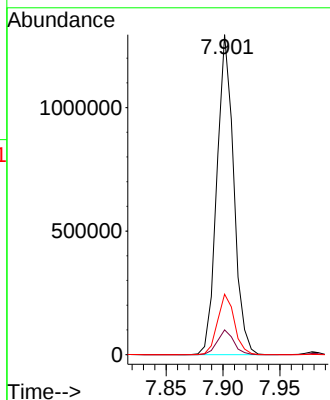
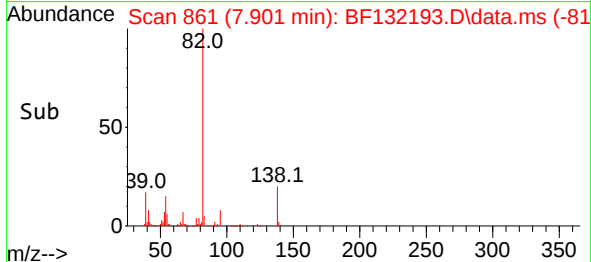
Instrument :
BNA_F
ClientSampleId :
ICVBF012423



Tgt Ion: 82 Resp: 1330644
Ion Ratio Lower Upper
82 100
95 7.8 6.1 9.1
138 18.9 14.0 21.0

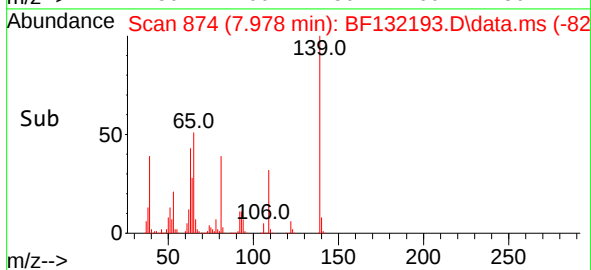
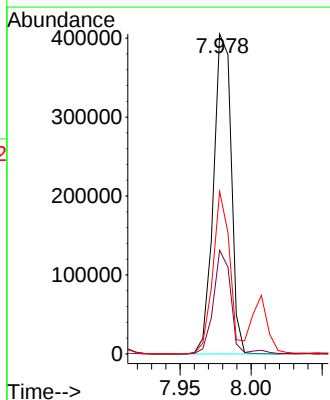
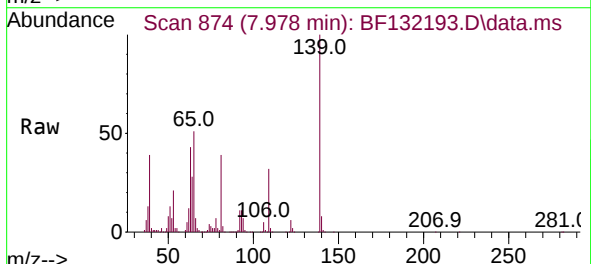
Manual Integrations
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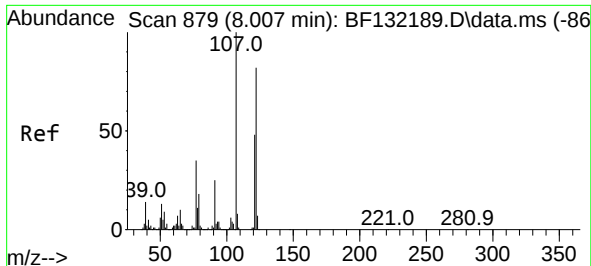
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#26
2-Nitrophenol
Concen: 45.129 ng
RT: 7.978 min Scan# 874
Delta R.T. -0.005 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

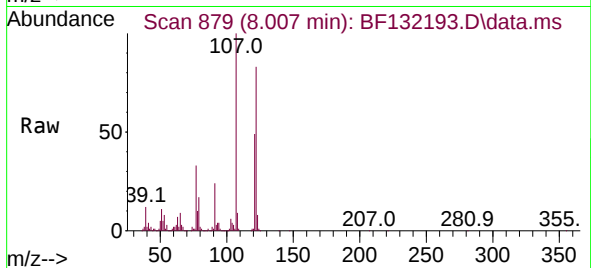
Tgt Ion:139 Resp: 353272
Ion Ratio Lower Upper
139 100
109 32.4 24.6 37.0
65 50.8 36.6 54.8





#27
2,4-Dimethylphenol
Concen: 41.852 ng
RT: 8.007 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

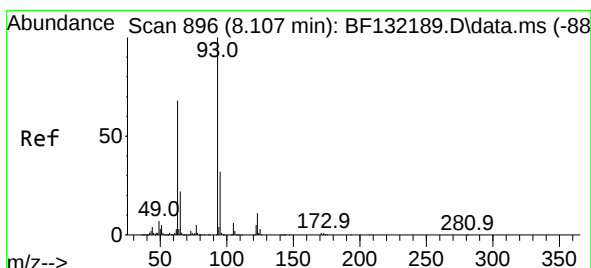
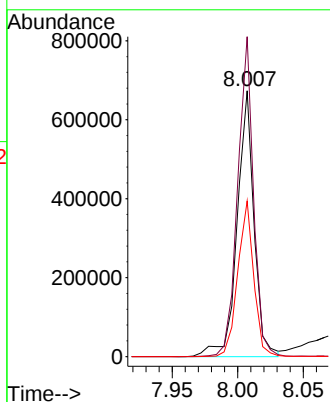
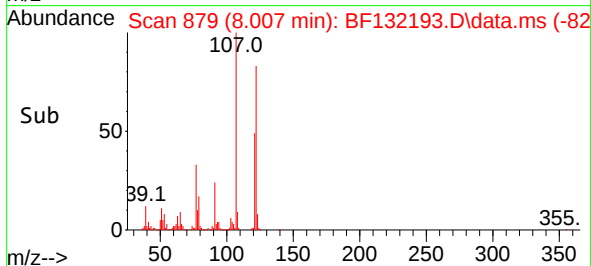
Instrument :
BNA_F
ClientSampleId :
ICVBF012423



Tgt Ion:122 Resp: 602288
Ion Ratio Lower Upper
122 100
107 120.4 98.0 147.0
121 58.6 47.0 70.6

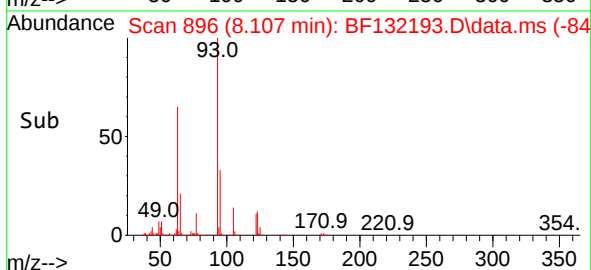
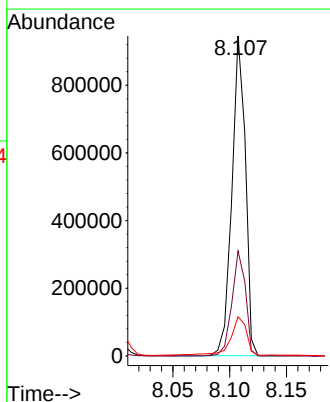
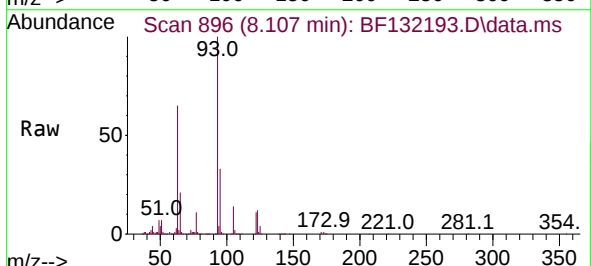
Manual Integrations
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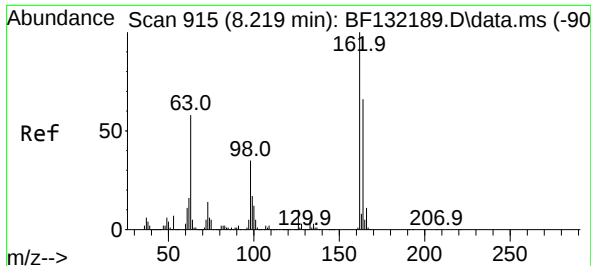
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#28
bis(2-Chloroethoxy)methane
Concen: 38.498 ng
RT: 8.107 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

Tgt Ion: 93 Resp: 778049
Ion Ratio Lower Upper
93 100
95 32.8 25.9 38.9
123 12.2 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 42.813 ng

RT: 8.219 min Scan# 915

Delta R.T. 0.000 min

Lab File: BF132193.D

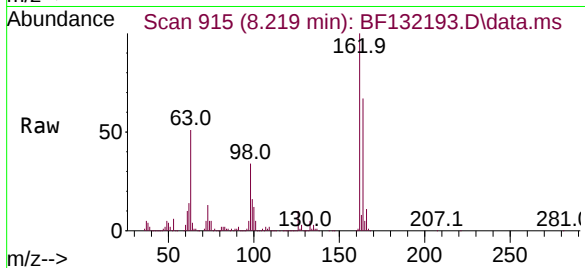
Acq: 24 Jan 2023 15:16

Instrument :

BNA_F

ClientSampleId :

ICVBF012423



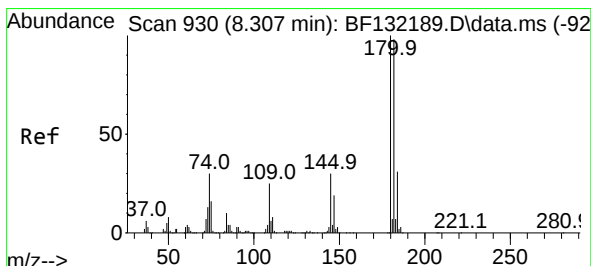
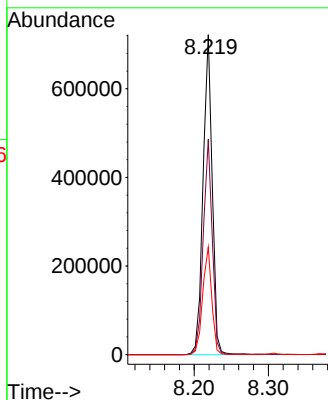
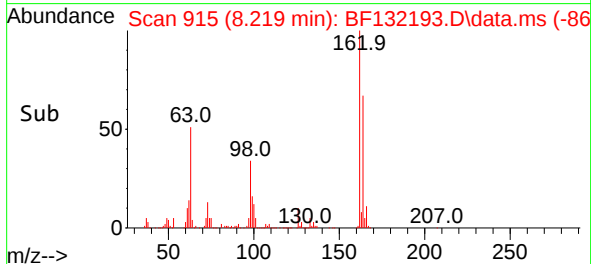
Tgt Ion:162 Resp: 617302

Ion	Ratio	Lower	Upper
162	100		
164	67.3	46.0	86.0
98	33.6	14.9	54.9

Manual Integrations

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Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#30

1,2,4-Trichlorobenzene

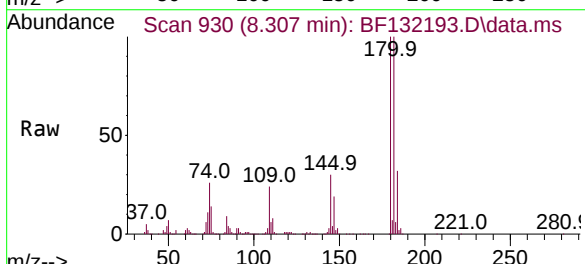
Concen: 40.730 ng

RT: 8.307 min Scan# 930

Delta R.T. 0.000 min

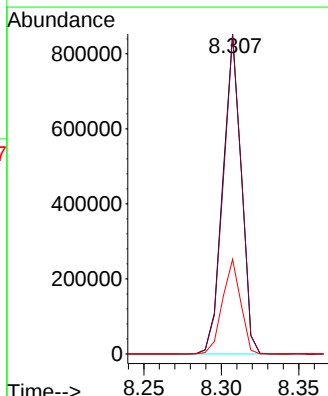
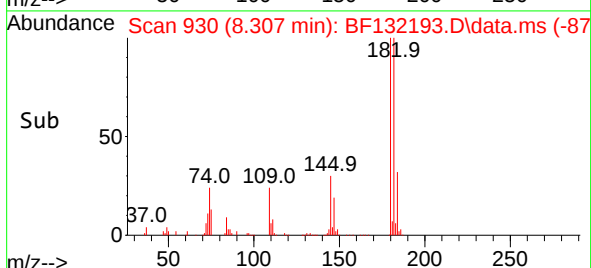
Lab File: BF132193.D

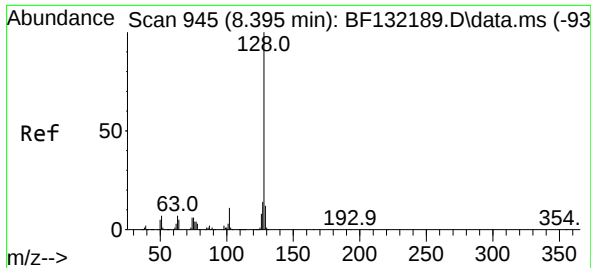
Acq: 24 Jan 2023 15:16



Tgt Ion:180 Resp: 700363

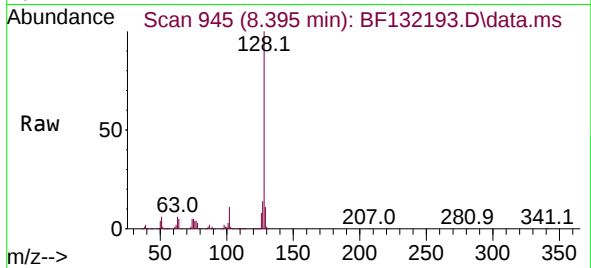
Ion	Ratio	Lower	Upper
180	100		
182	99.8	78.3	117.5
145	29.6	23.8	35.6





#31
Naphthalene
Concen: 39.238 ng
RT: 8.395 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

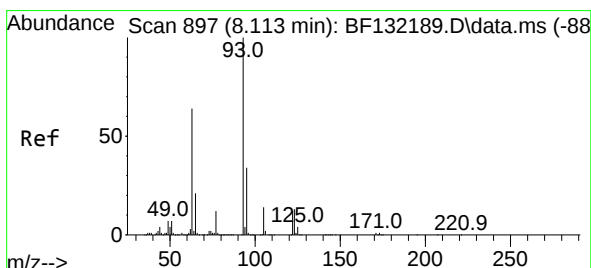
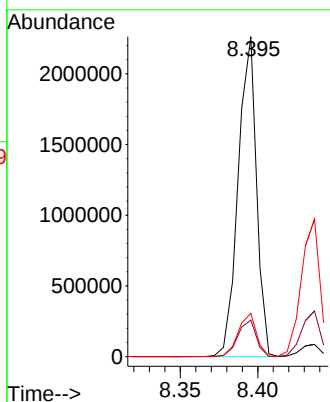
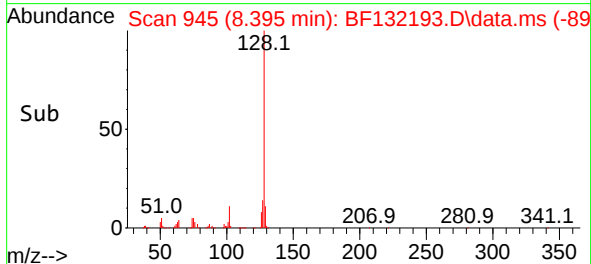
Instrument :
BNA_F
ClientSampleId :
ICVBF012423



Tgt Ion:128 Resp: 1862482
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.5 11.1 16.7

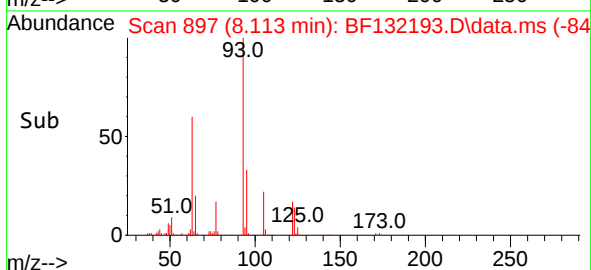
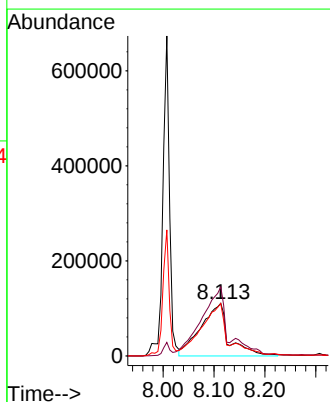
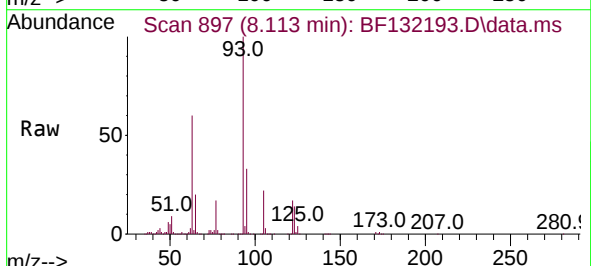
Manual Integrations
APPROVED

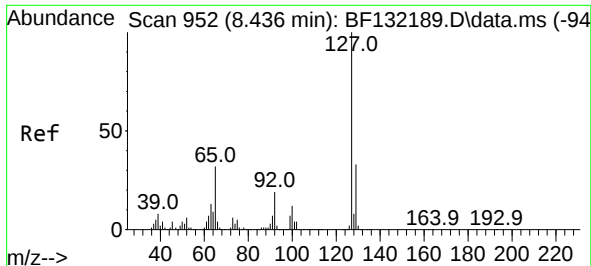
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#32
Benzoic acid
Concen: 44.907 ng m
RT: 8.113 min Scan# 897
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

Tgt Ion:122 Resp: 423264
Ion Ratio Lower Upper
122 100
105 131.1 103.1 143.1
77 99.7 83.0 123.0





#33
4-Chloroaniline
Concen: 39.980 ng
RT: 8.437 min Scan# 952
Delta R.T. 0.001 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

Instrument :

BNA_F

ClientSampleId :

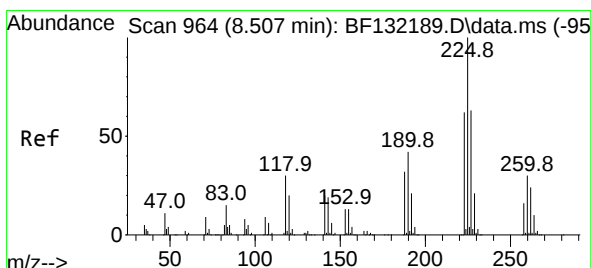
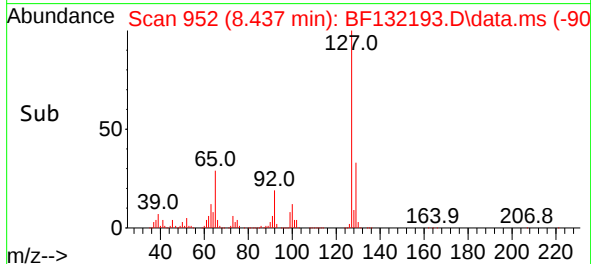
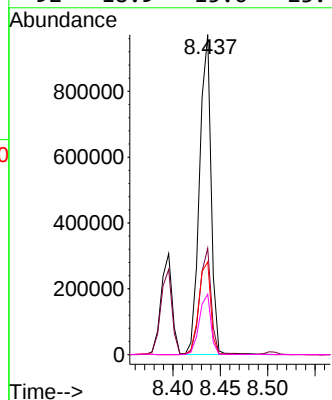
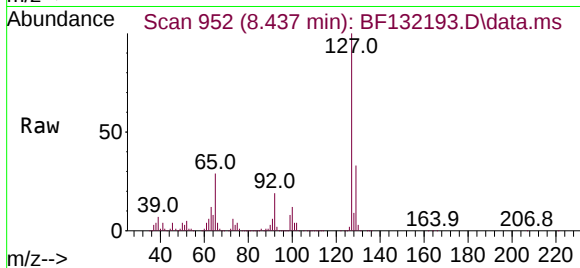
ICVBF012423

Tgt Ion:127 Resp: 821540
Ion Ratio Lower Upper
127 100
129 33.2 26.1 39.1
65 29.0 25.5 38.3
92 18.9 15.6 23.4

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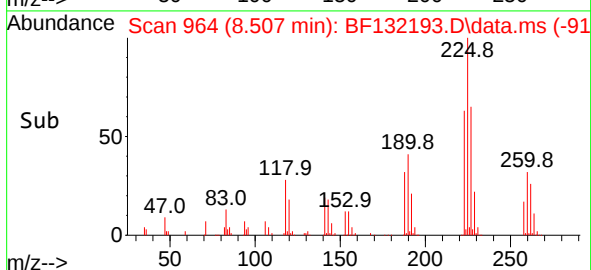
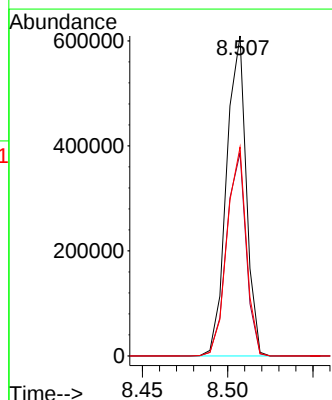
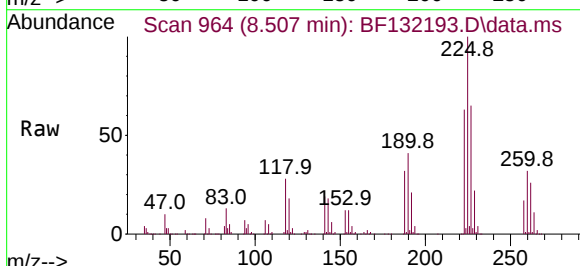
APPROVED

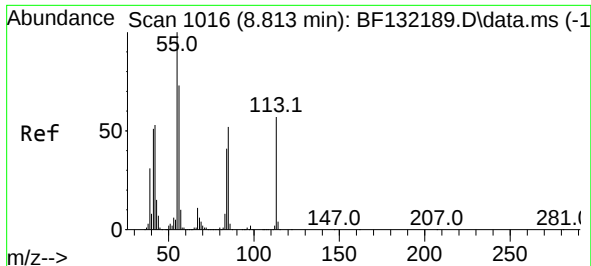
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#34
Hexachlorobutadiene
Concen: 42.157 ng
RT: 8.507 min Scan# 964
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

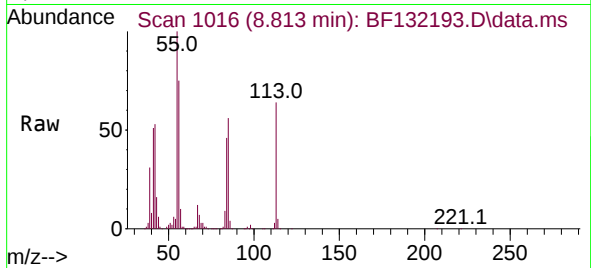
Tgt Ion:225 Resp: 488536
Ion Ratio Lower Upper
225 100
223 63.4 49.7 74.5
227 65.2 50.8 76.2





#35
Caprolactam
Concen: 44.954 ng
RT: 8.813 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

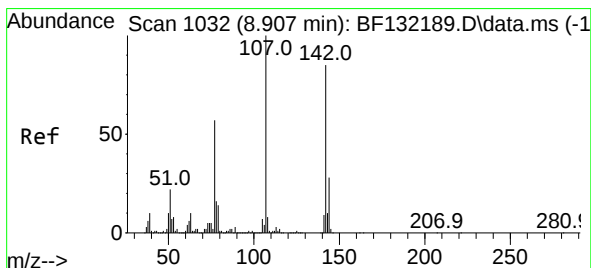
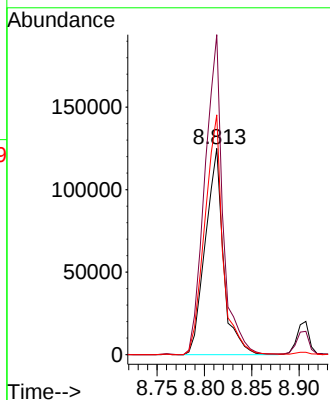
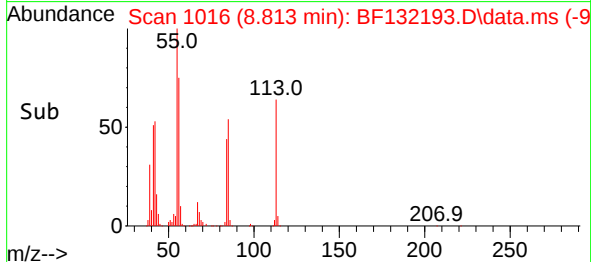
Instrument :
BNA_F
ClientSampleId :
ICVBF012423



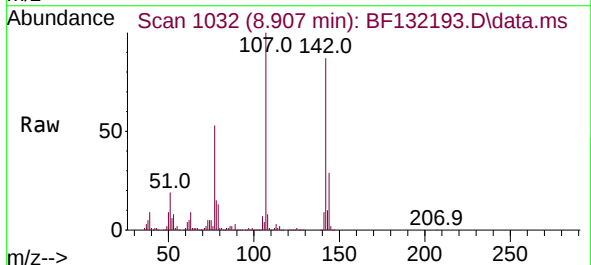
Tgt Ion:113 Resp: 166372
Ion Ratio Lower Upper
113 100
55 155.3 156.8 196.8
56 116.3 109.5 149.5

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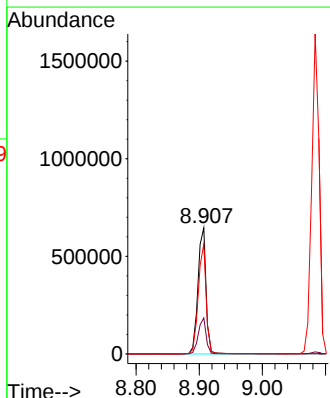
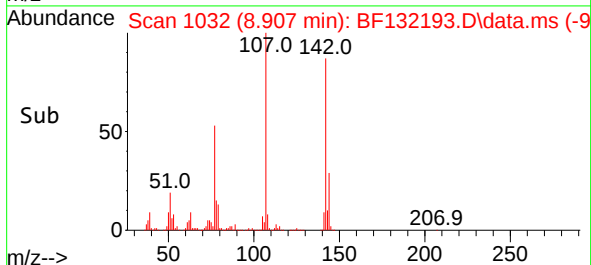
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

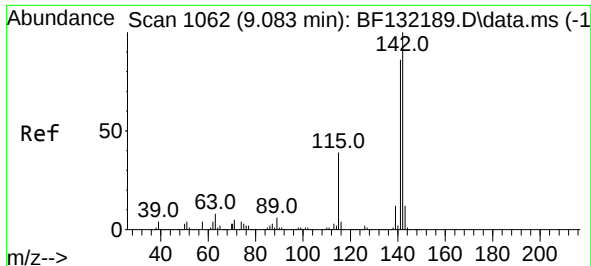


#36
4-Chloro-3-methylphenol
Concen: 41.128 ng
RT: 8.907 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16



Tgt Ion:107 Resp: 578369
Ion Ratio Lower Upper
107 100
144 28.5 22.3 33.5
142 87.1 67.8 101.8





#37

2-Methylnaphthalene

Concen: 39.454 ng

RT: 9.084 min Scan# 1062

Delta R.T. 0.000 min

Lab File: BF132193.D

Acq: 24 Jan 2023 15:16

Instrument :

BNA_F

ClientSampleId :

ICVBF012423

Tgt Ion:142 Resp: 1358648

Ion Ratio Lower Upper

142 100

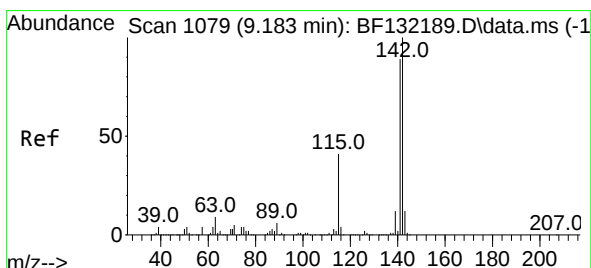
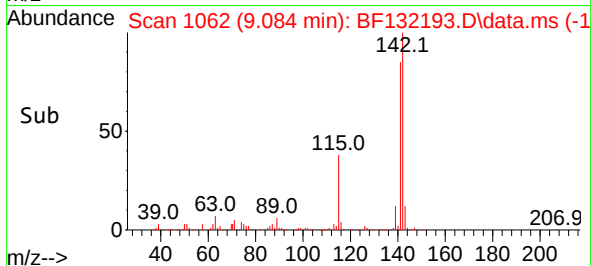
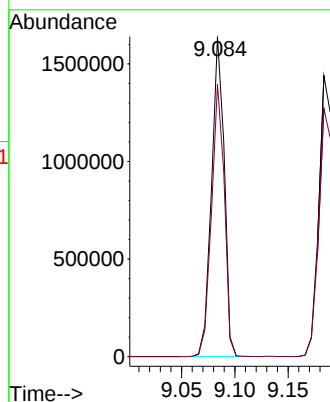
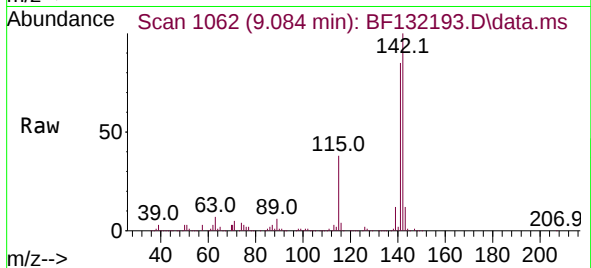
141 85.1 68.5 102.7

Manual Integrations

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Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#38

1-Methylnaphthalene

Concen: 39.780 ng

RT: 9.184 min Scan# 1079

Delta R.T. 0.000 min

Lab File: BF132193.D

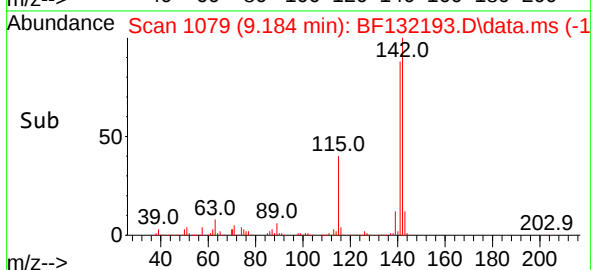
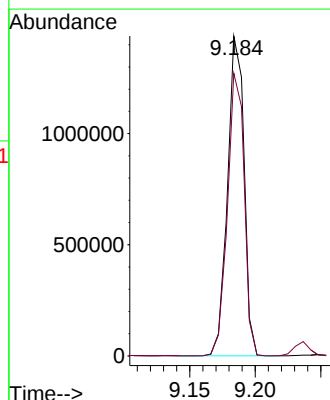
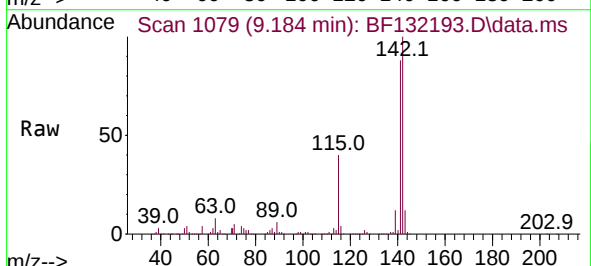
Acq: 24 Jan 2023 15:16

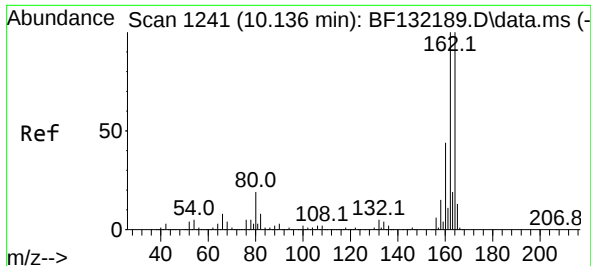
Tgt Ion:142 Resp: 1262290

Ion Ratio Lower Upper

142 100

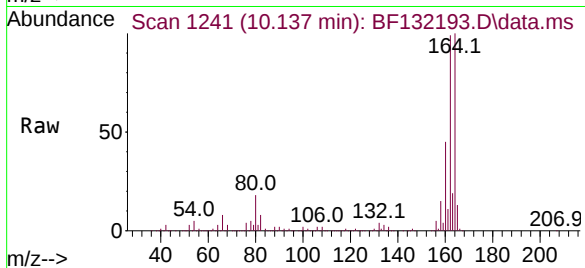
141 88.3 71.3 106.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.137 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

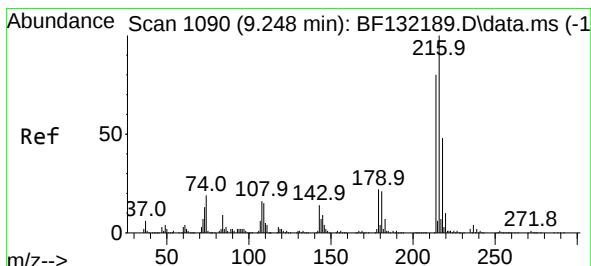
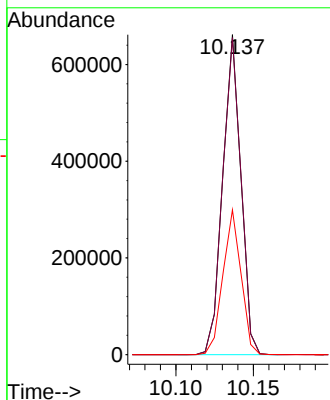
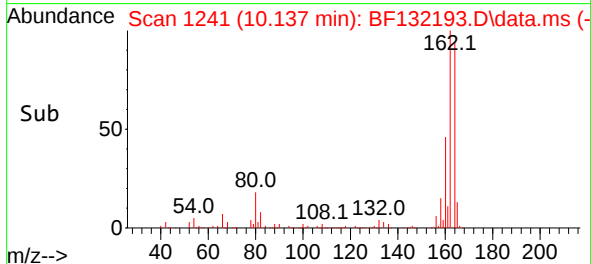
Instrument :
BNA_F
ClientSampleId :
ICVBF012423



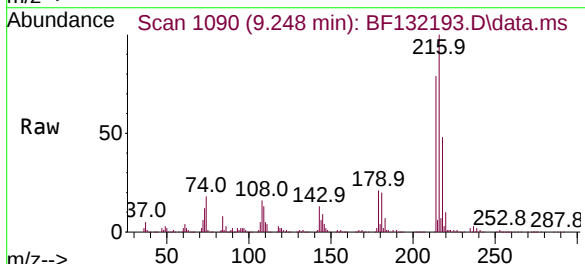
Tgt Ion:164 Resp: 543014
Ion Ratio Lower Upper
164 100
162 99.0 79.7 119.5
160 45.2 35.5 53.3

Manual Integrations
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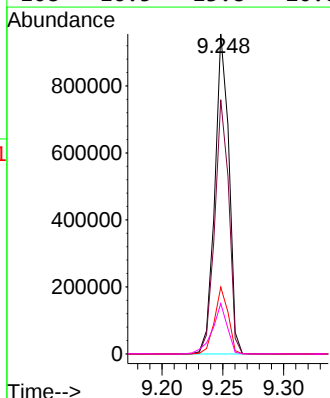
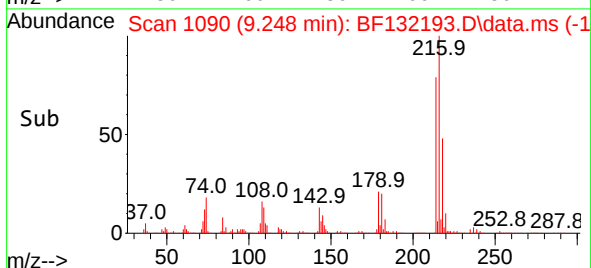
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

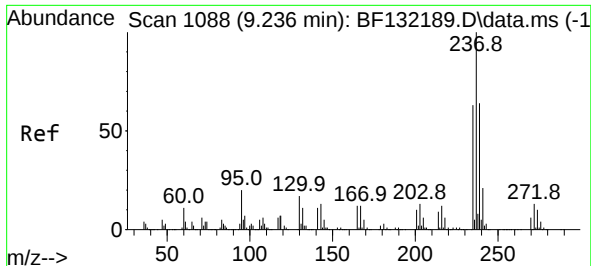


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.395 ng
RT: 9.248 min Scan# 1090
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16



Tgt Ion:216 Resp: 769866
Ion Ratio Lower Upper
216 100
214 79.4 63.0 94.4
179 20.2 16.2 24.2
108 16.5 13.8 20.8





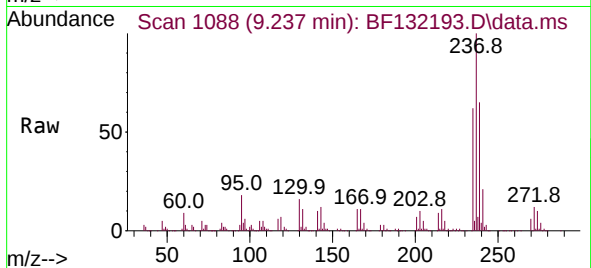
#41
Hexachlorocyclopentadiene
Concen: 45.491 ng
RT: 9.237 min Scan# 1088
Delta R.T. 0.001 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

Instrument :

BNA_F

ClientSampleId :

ICVBF012423

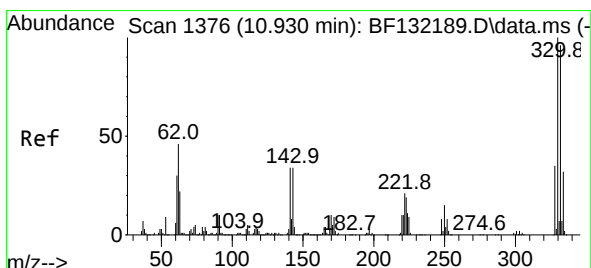
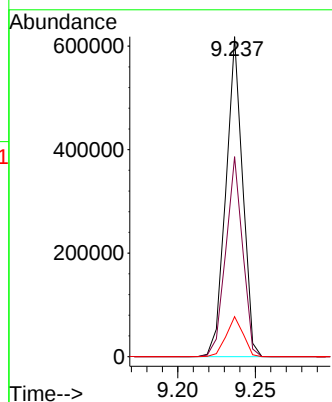
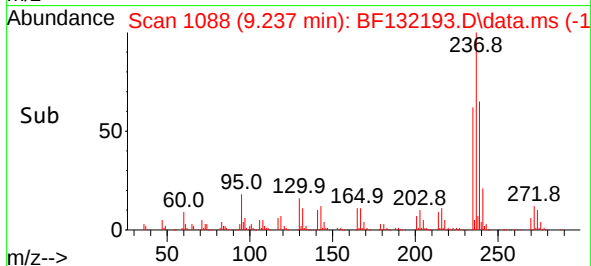


Tgt Ion: 237 Resp: 466710
Ion Ratio Lower Upper
237 100
235 62.5 42.8 82.8
272 12.5 0.0 32.5

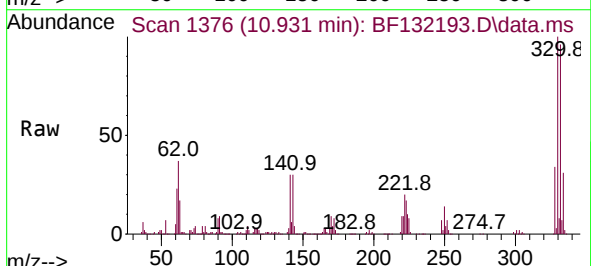
Manual Integrations

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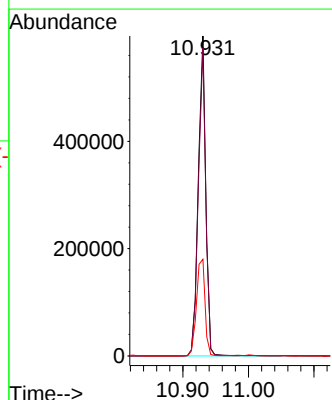
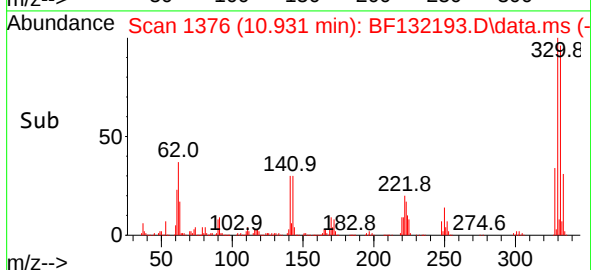
Reviewed By : Christian Giraldo 01/25/2023
Supervised By : Jagrut Upadhyay 01/25/2023

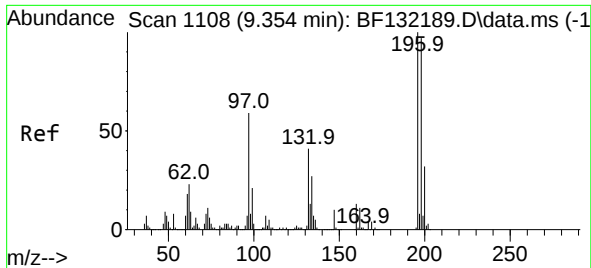


#42
2,4,6-Tribromophenol
Concen: 92.466 ng
RT: 10.931 min Scan# 1376
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16



Tgt Ion: 330 Resp: 471611
Ion Ratio Lower Upper
330 100
332 96.3 77.2 115.8
141 35.0 30.5 45.7





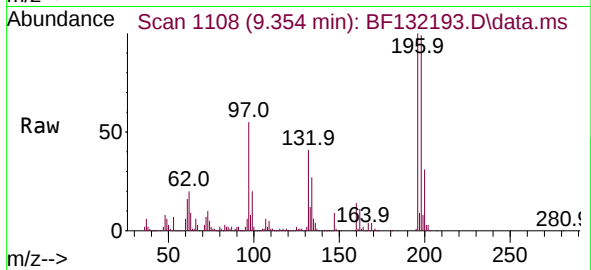
#43
2,4,6-Trichlorophenol
Concen: 43.689 ng
RT: 9.354 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

Instrument :

BNA_F

ClientSampleId :

ICVBF012423

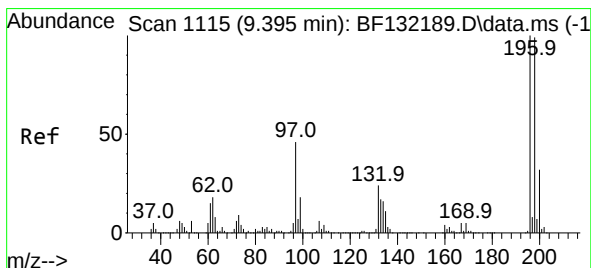
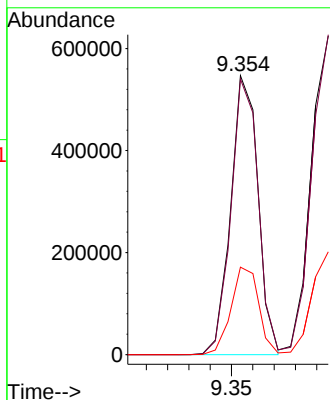
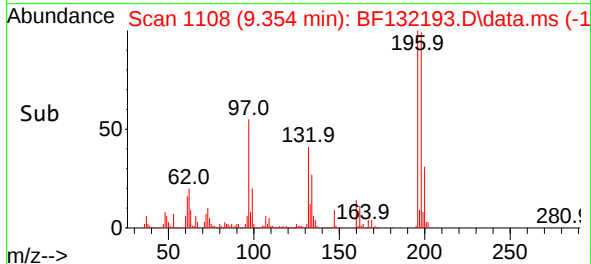


Tgt Ion:196 Resp: 487102
Ion Ratio Lower Upper
196 100
198 98.8 77.4 116.2
200 31.3 25.2 37.8

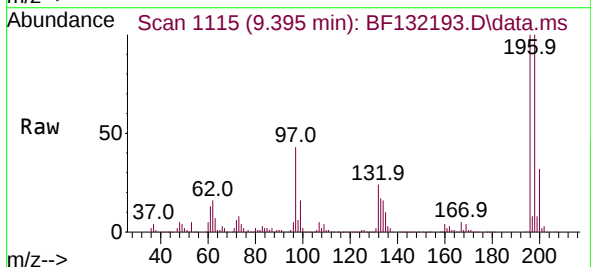
Manual Integrations

APPROVED

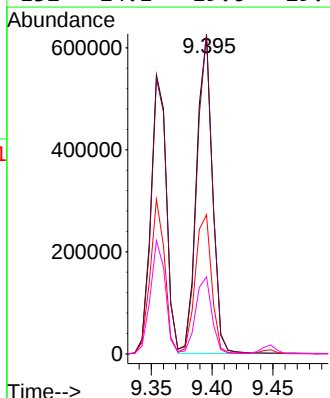
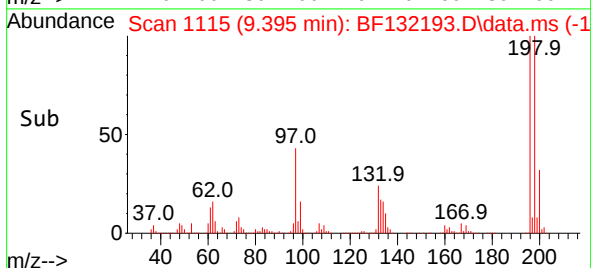
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

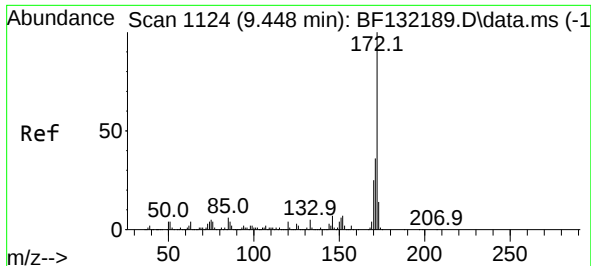


#44
2,4,5-Trichlorophenol
Concen: 43.118 ng
RT: 9.395 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16



Tgt Ion:196 Resp: 563270
Ion Ratio Lower Upper
196 100
198 100.4 79.2 118.8
97 43.7 37.0 55.4
132 24.1 19.6 29.4





#45

2-Fluorobiphenyl

Concen: 75.331 ng

RT: 9.448 min Scan# 1124

Delta R.T. 0.000 min

Lab File: BF132193.D

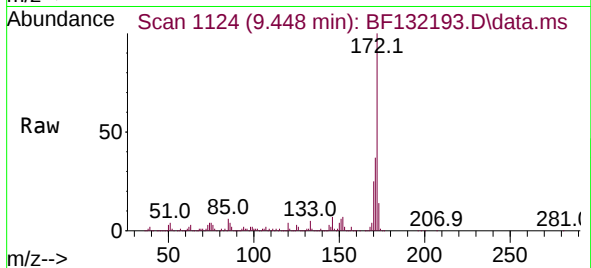
Acq: 24 Jan 2023 15:16

Instrument :

BNA_F

ClientSampleId :

ICVBF012423



Tgt Ion:172 Resp: 2700453

Ion Ratio Lower Upper

172 100

171 36.9 29.1 43.7

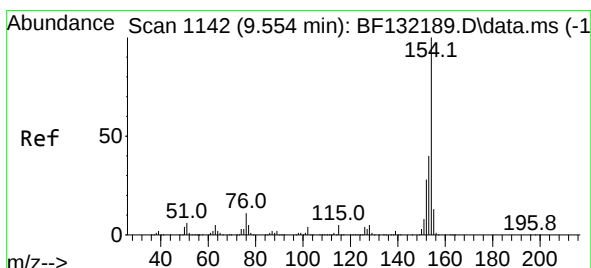
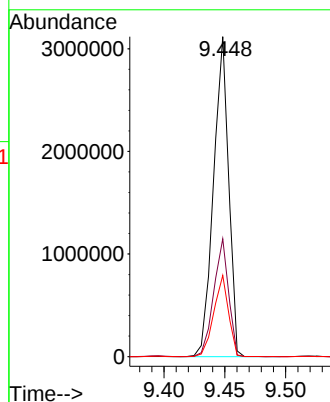
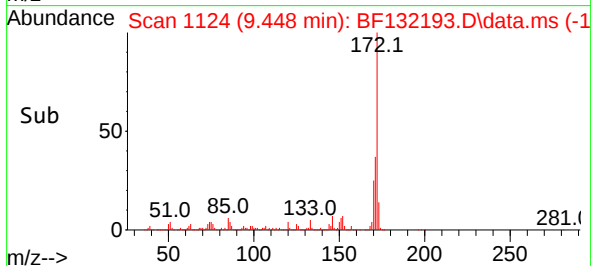
170 25.4 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#46

1,1'-Biphenyl

Concen: 39.576 ng

RT: 9.548 min Scan# 1141

Delta R.T. -0.006 min

Lab File: BF132193.D

Acq: 24 Jan 2023 15:16

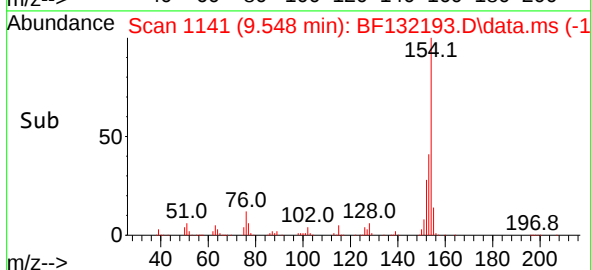
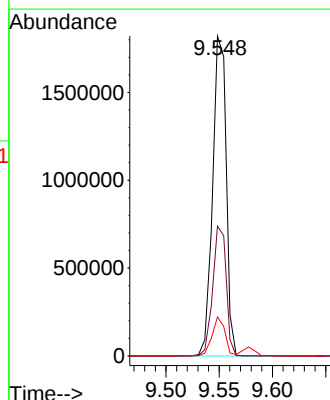
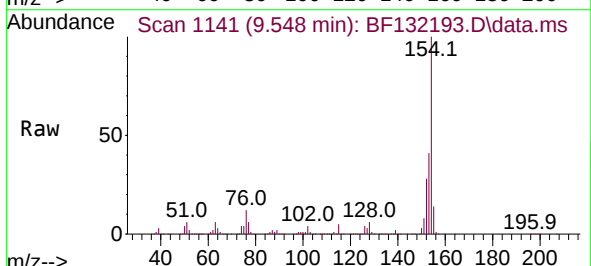
Tgt Ion:154 Resp: 1613253

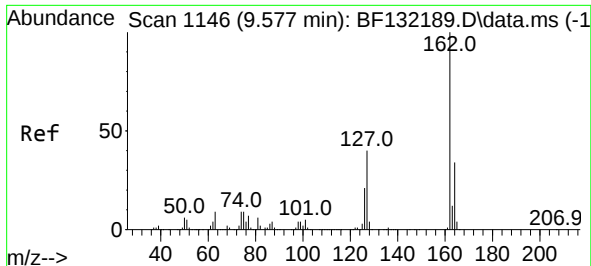
Ion Ratio Lower Upper

154 100

153 40.6 20.1 60.1

76 12.2 0.0 30.9





#47

2-Chloronaphthalene

Concen: 39.894 ng

RT: 9.578 min Scan# 1146

Delta R.T. 0.000 min

Lab File: BF132193.D

Acq: 24 Jan 2023 15:16

Instrument :

BNA_F

ClientSampleId :

ICVBF012423

Tgt Ion:162 Resp: 126659

Ion Ratio Lower Upper

162 100

127 39.2 32.0 48.0

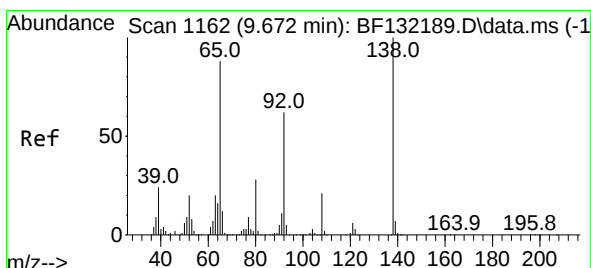
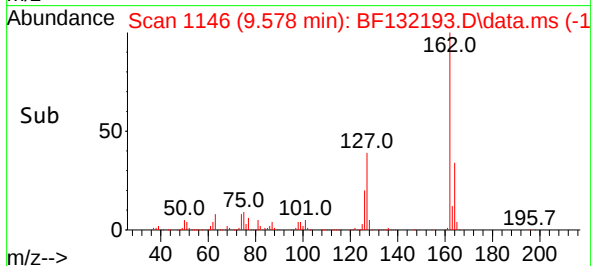
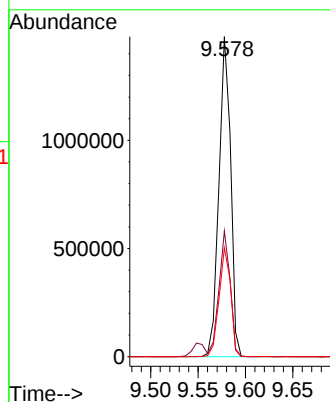
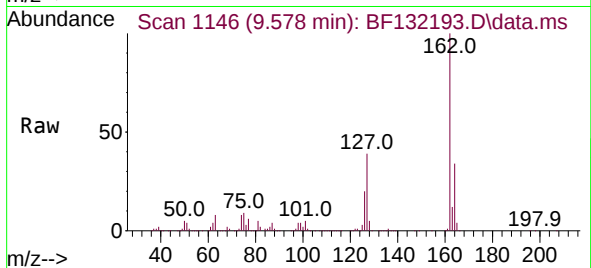
164 34.0 27.4 41.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#48

2-Nitroaniline

Concen: 43.724 ng

RT: 9.666 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BF132193.D

Acq: 24 Jan 2023 15:16

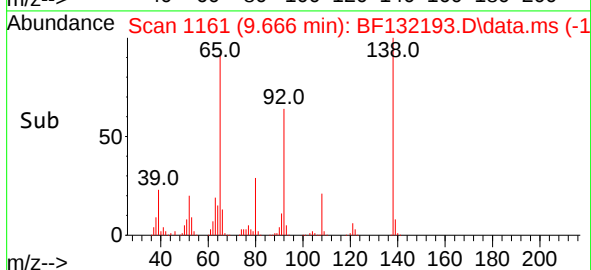
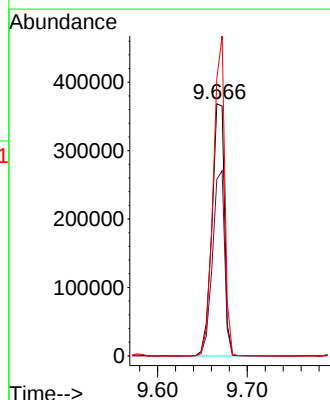
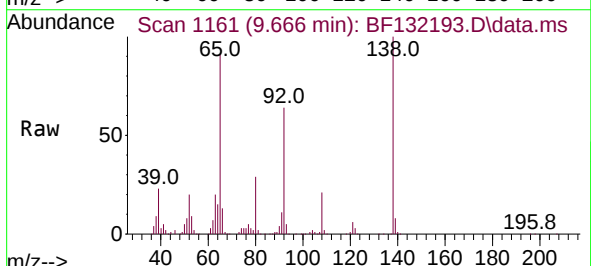
Tgt Ion: 65 Resp: 357783

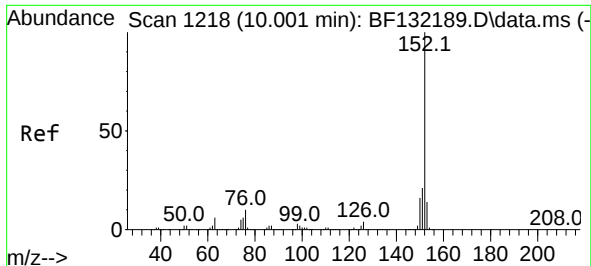
Ion Ratio Lower Upper

65 100

92 70.0 56.2 84.2

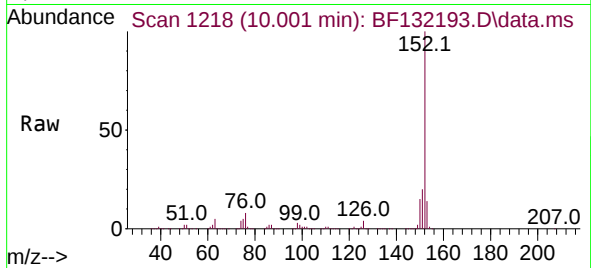
138 110.1 90.8 136.2





#49
Acenaphthylene
Concen: 39.332 ng
RT: 10.001 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

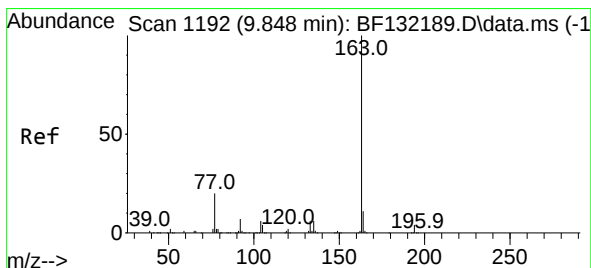
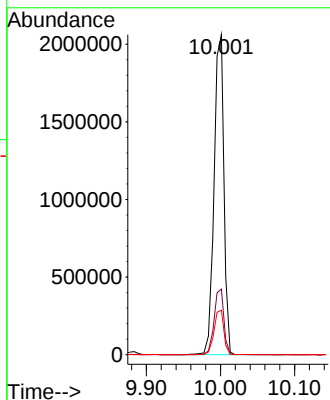
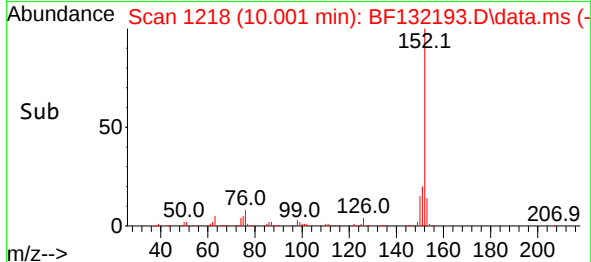
Instrument :
BNA_F
ClientSampleId :
ICVBF012423



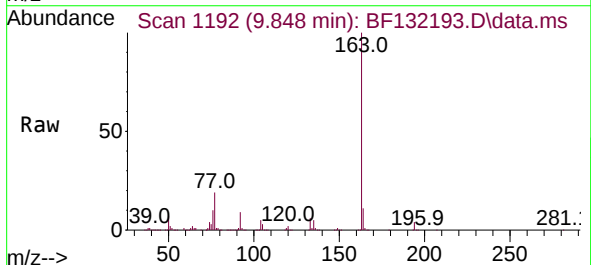
Tgt Ion:152 Resp: 1906100
Ion Ratio Lower Upper
152 100
151 20.5 16.6 25.0
153 13.9 11.3 16.9

Manual Integrations
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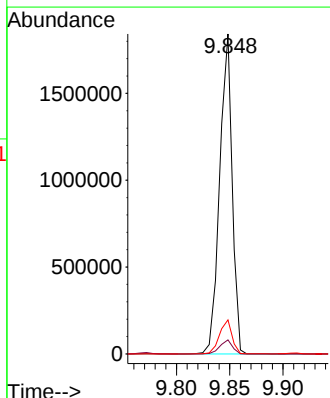
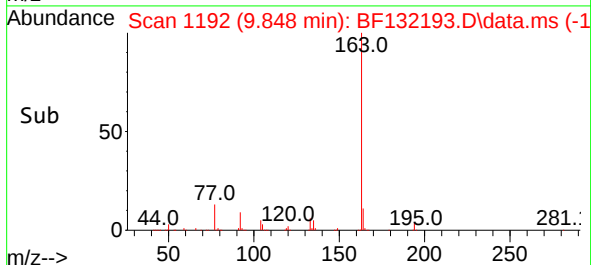
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

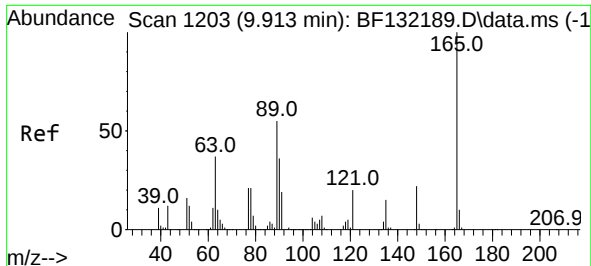


#50
Dimethylphthalate
Concen: 41.706 ng
RT: 9.848 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16



Tgt Ion:163 Resp: 1511005
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.6 8.6 13.0





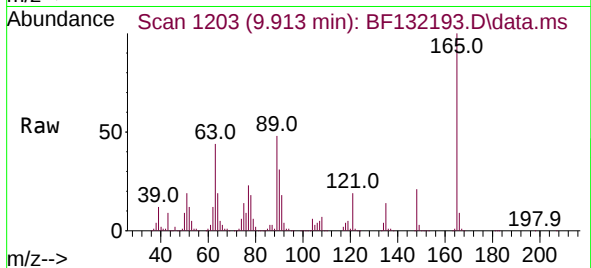
#51
2,6-Dinitrotoluene
Concen: 45.926 ng
RT: 9.913 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

Instrument :

BNA_F

ClientSampleId :

ICVBF012423

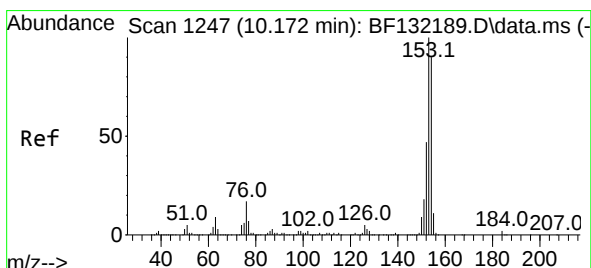
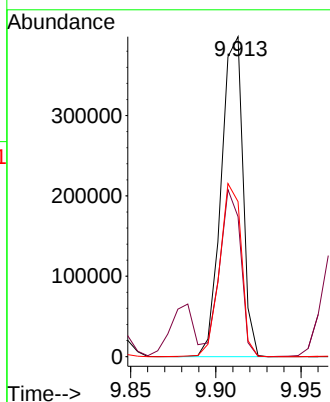
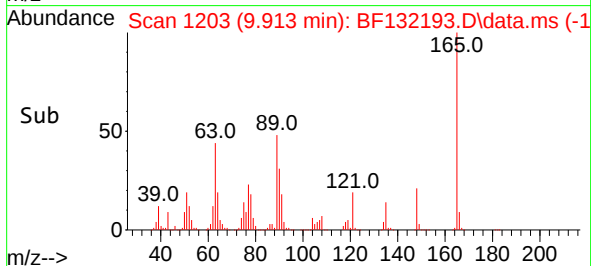


Tgt Ion:165 Resp: 352598
Ion Ratio Lower Upper
165 100
63 43.7 42.4 63.6
89 48.4 44.2 66.4

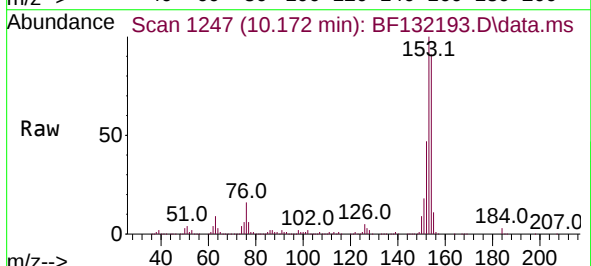
Manual Integrations

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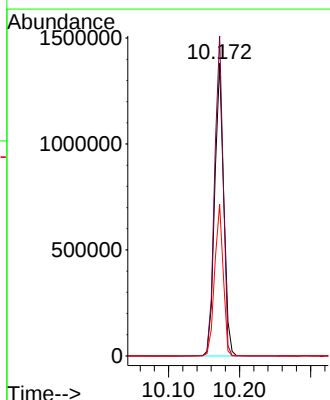
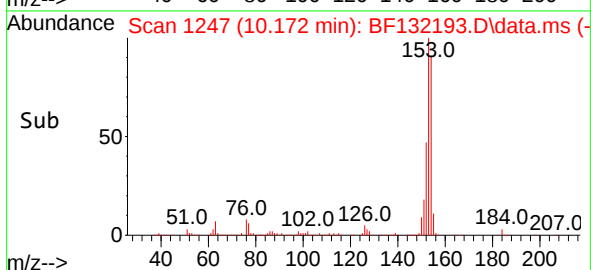
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

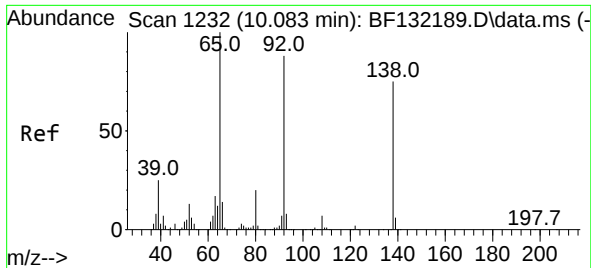


#52
Acenaphthene
Concen: 40.036 ng
RT: 10.172 min Scan# 1247
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16



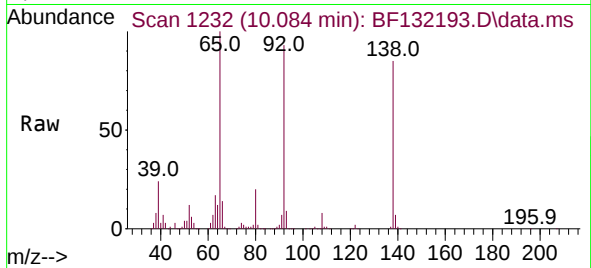
Tgt Ion:154 Resp: 1223695
Ion Ratio Lower Upper
154 100
153 109.5 88.7 133.1
152 51.9 41.7 62.5





#53
3-Nitroaniline
Concen: 43.556 ng
RT: 10.084 min Scan# 1232
Delta R.T. 0.001 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

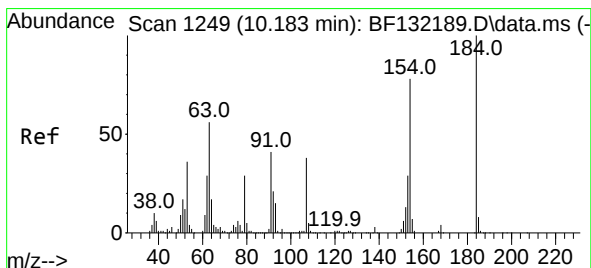
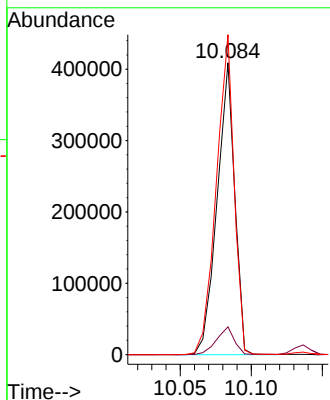
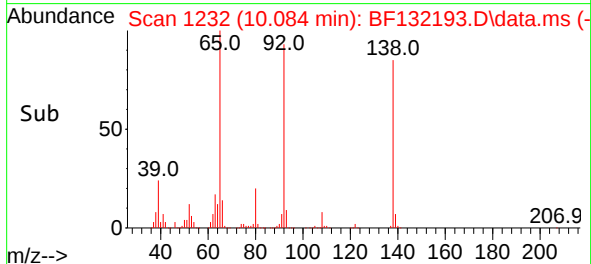
Instrument :
BNA_F
ClientSampleId :
ICVBF012423



Tgt Ion:138 Resp: 353443
Ion Ratio Lower Upper
138 100
108 9.5 7.4 11.2
92 109.6 94.5 141.7

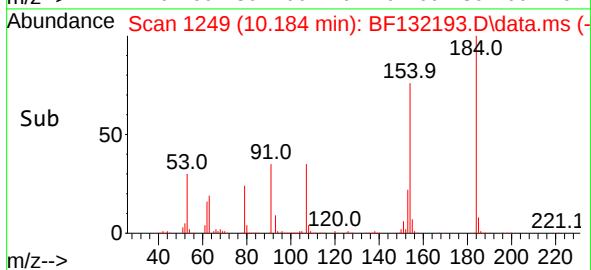
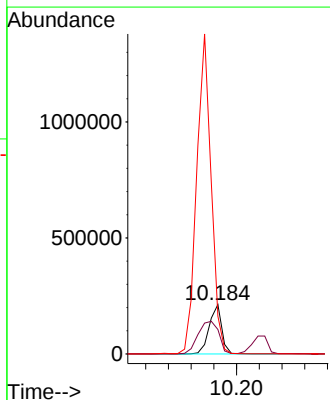
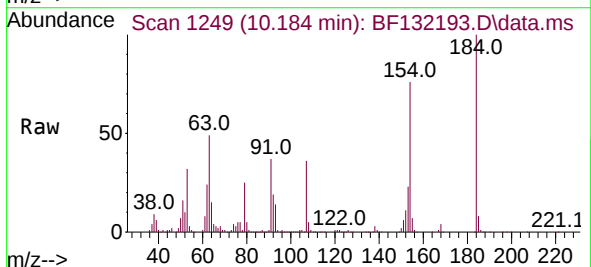
Manual Integrations
APPROVED

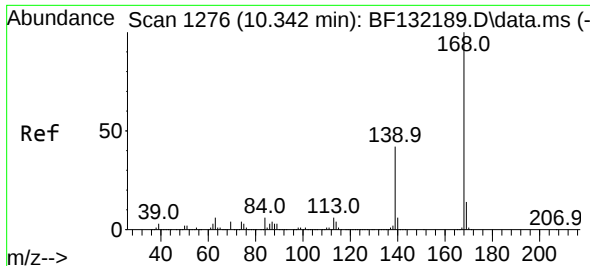
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#54
2,4-Dinitrophenol
Concen: 42.718 ng
RT: 10.184 min Scan# 1249
Delta R.T. 0.001 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

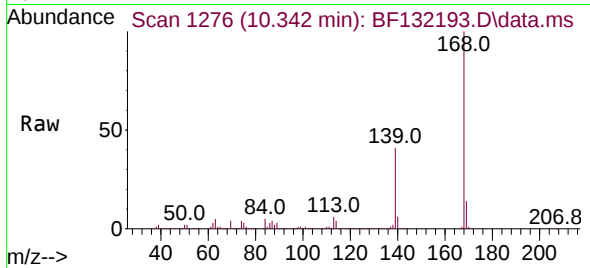
Tgt Ion:184 Resp: 162509
Ion Ratio Lower Upper
184 100
63 49.4 45.8 68.8
154 76.2 69.0 103.6





#55
Dibenzofuran
Concen: 39.456 ng
RT: 10.342 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

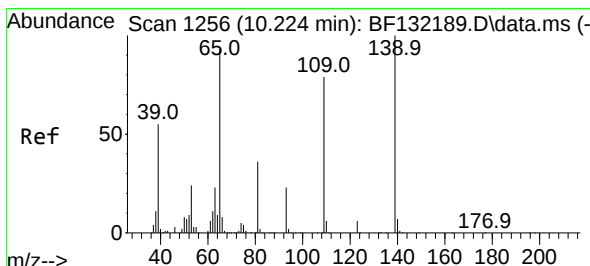
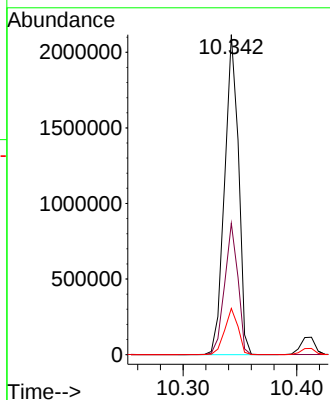
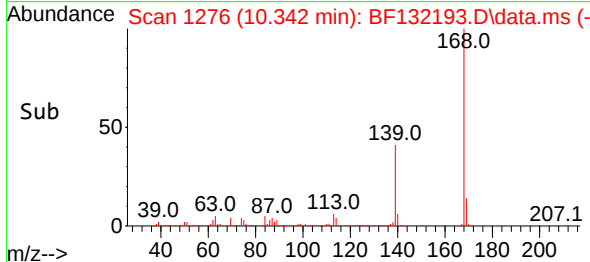
Instrument :
BNA_F
ClientSampleId :
ICVBF012423



Tgt Ion:168 Resp: 1794554
Ion Ratio Lower Upper
168 100
139 41.0 33.4 50.2
169 14.4 11.4 17.0

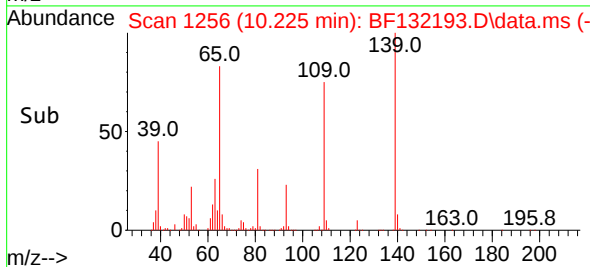
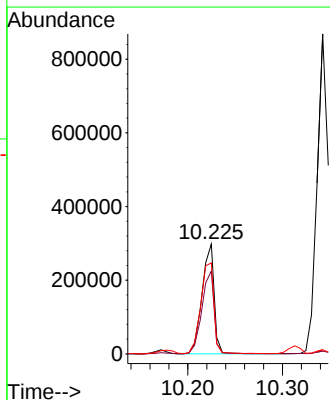
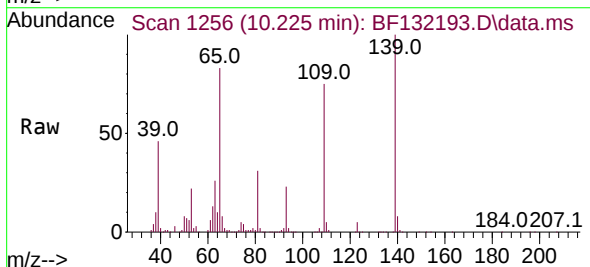
Manual Integrations
APPROVED

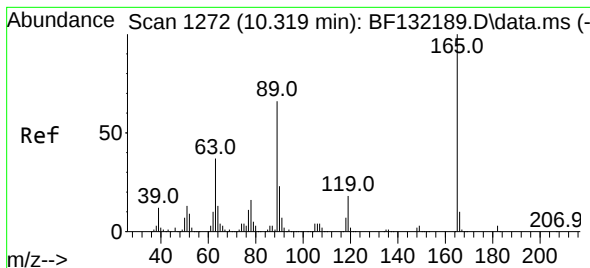
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#56
4-Nitrophenol
Concen: 47.026 ng
RT: 10.225 min Scan# 1256
Delta R.T. 0.001 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

Tgt Ion:139 Resp: 264468
Ion Ratio Lower Upper
139 100
109 75.4 59.5 99.5
65 82.8 74.0 114.0





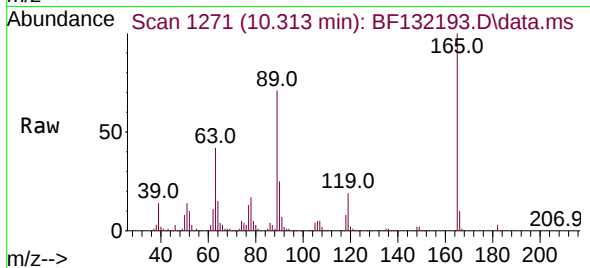
#57
2,4-Dinitrotoluene
Concen: 46.736 ng
RT: 10.313 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

Instrument :

BNA_F

ClientSampleId :

ICVBF012423

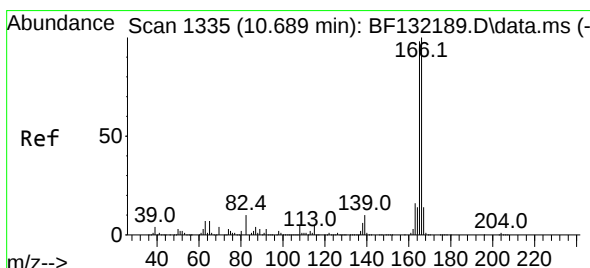
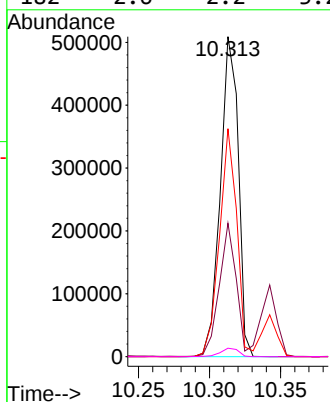
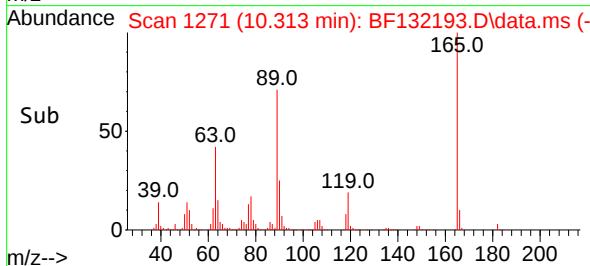


Tgt Ion:165 Resp: 446715
Ion Ratio Lower Upper
165 100
63 41.7 29.8 44.8
89 71.2 53.0 79.4
182 2.6 2.2 3.2

Manual Integrations

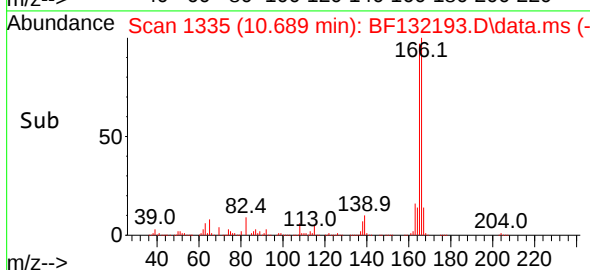
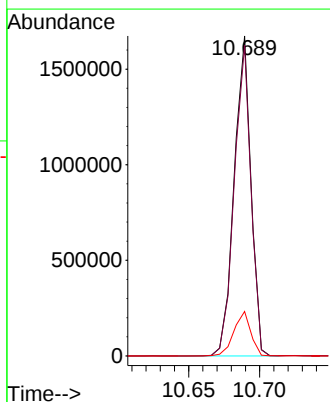
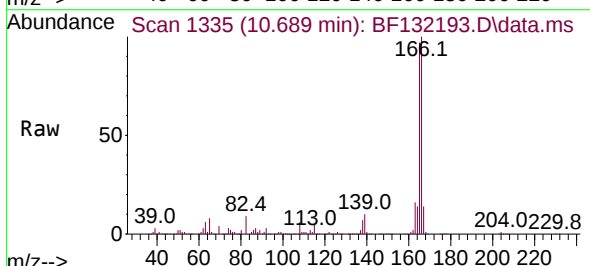
APPROVED

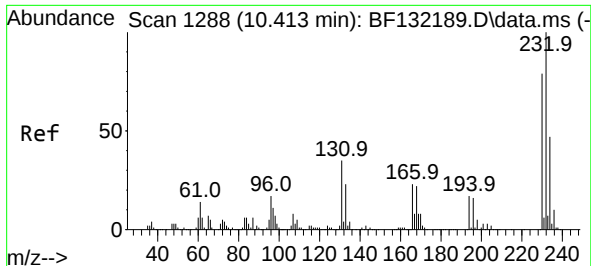
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#58
Fluorene
Concen: 38.997 ng
RT: 10.689 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

Tgt Ion:166 Resp: 1370223
Ion Ratio Lower Upper
166 100
165 97.1 78.1 117.1
167 13.9 11.1 16.7





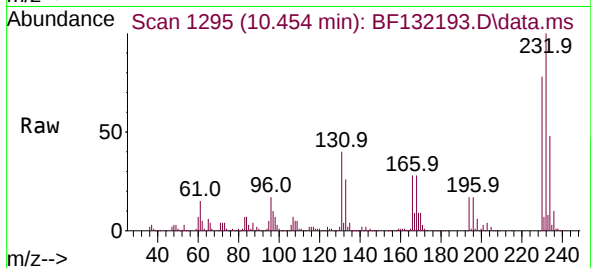
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.880 ng
RT: 10.454 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

Instrument :

BNA_F

ClientSampleId :

ICVBF012423

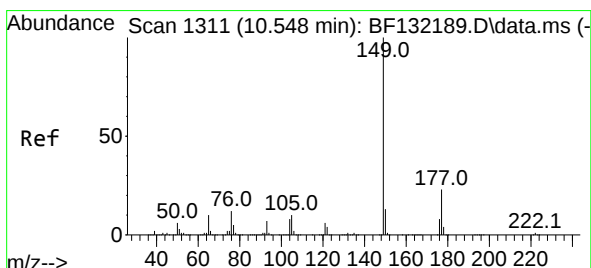
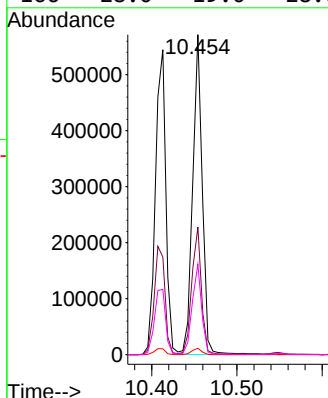
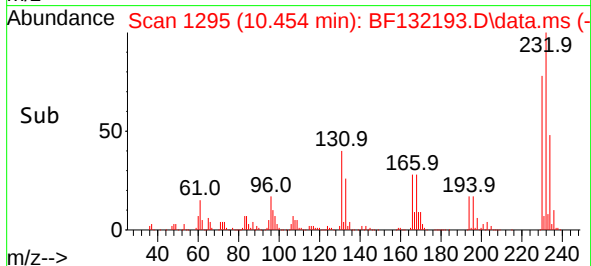


Tgt Ion:232 Resp: 447585
Ion Ratio Lower Upper
232 100
131 40.1 30.3 45.5
130 2.0 1.8 2.6
166 28.0 19.0 28.6

Manual Integrations

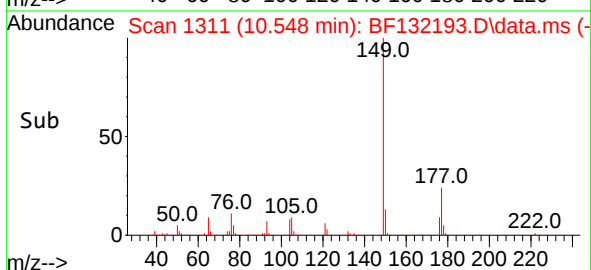
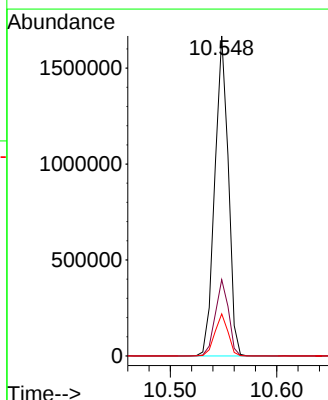
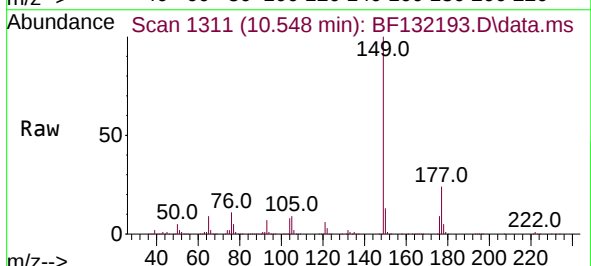
APPROVED

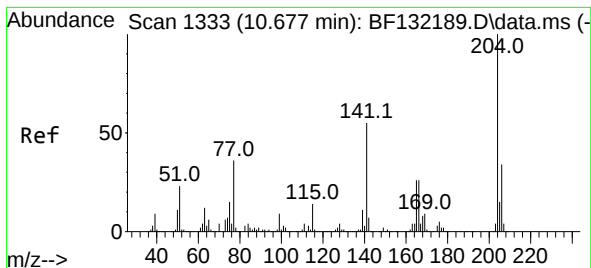
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#60
Diethylphthalate
Concen: 42.391 ng
RT: 10.548 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

Tgt Ion:149 Resp: 1470911
Ion Ratio Lower Upper
149 100
177 23.8 18.2 27.4
150 13.1 10.3 15.5





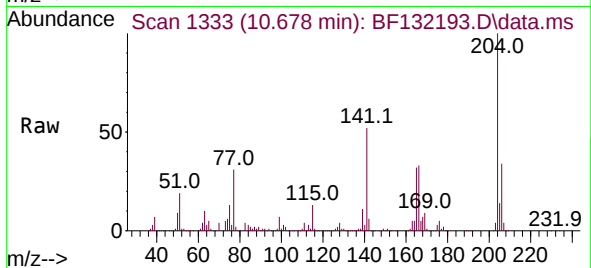
#61
4-Chlorophenyl-phenylether
Concen: 40.021 ng
RT: 10.678 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

Instrument :

BNA_F

ClientSampleId :

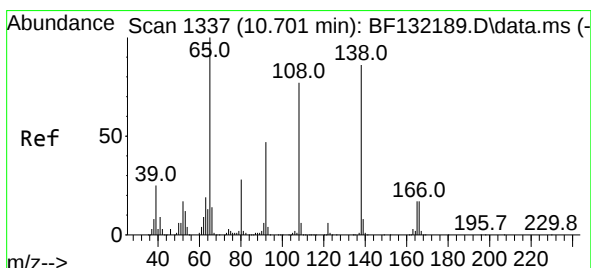
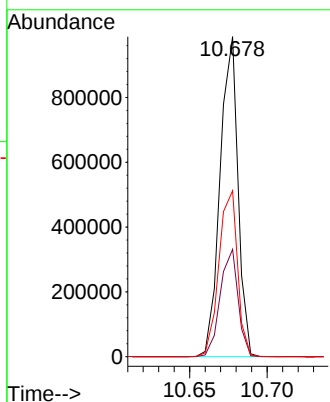
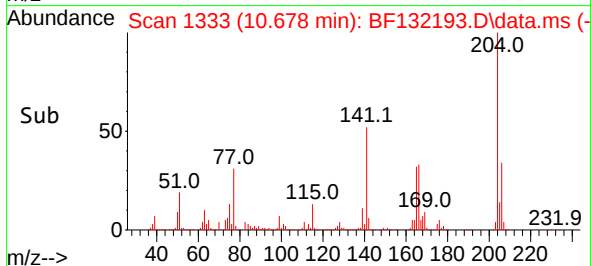
ICVBF012423



Tgt Ion:204 Resp: 795663
Ion Ratio Lower Upper
204 100
206 33.5 26.9 40.3
141 51.8 43.6 65.4

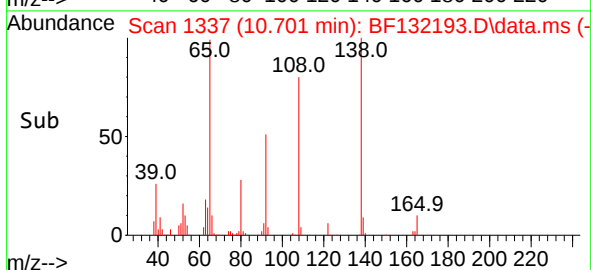
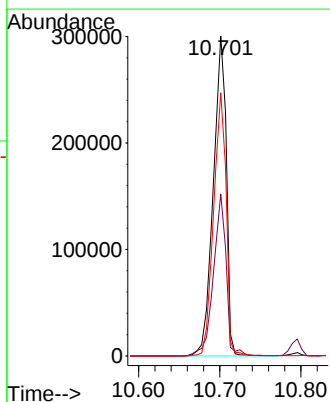
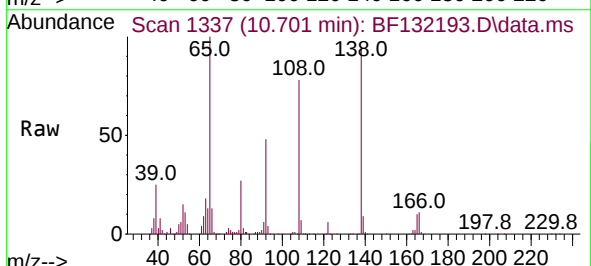
Manual Integrations
APPROVED

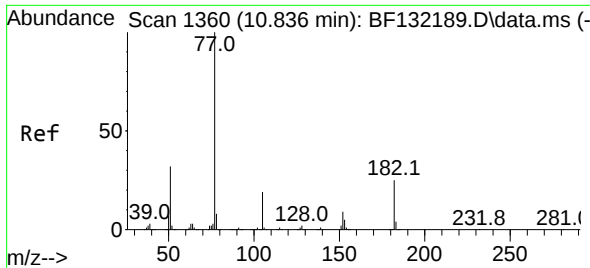
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#62
4-Nitroaniline
Concen: 42.761 ng
RT: 10.701 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

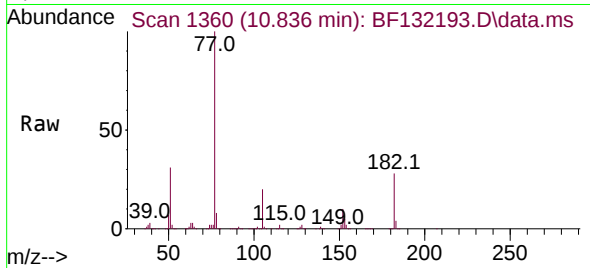
Tgt Ion:138 Resp: 334720
Ion Ratio Lower Upper
138 100
92 50.6 34.3 74.3
108 82.2 69.6 109.6





#63
Azobenzene
Concen: 37.018 ng
RT: 10.836 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

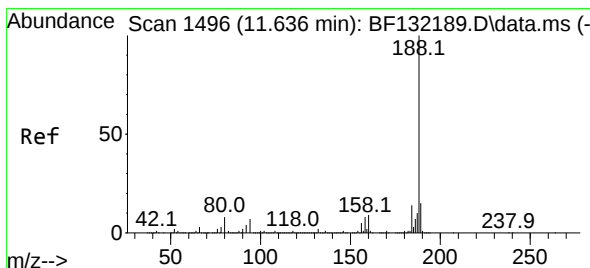
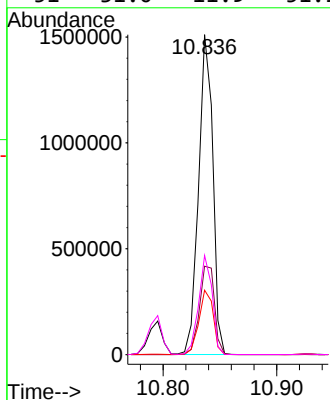
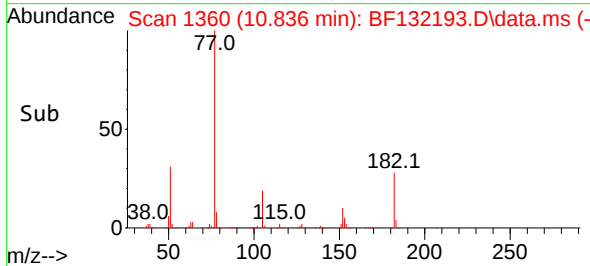
Instrument :
BNA_F
ClientSampleId :
ICVBF012423



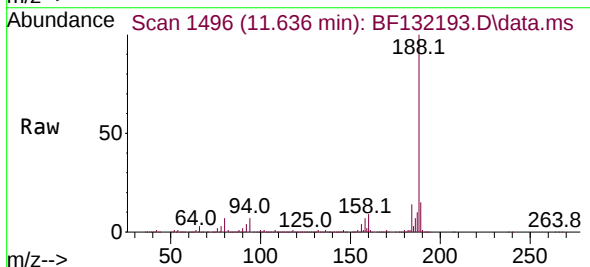
Tgt Ion: 77 Resp: 131279
Ion Ratio Lower Upper
77 100
182 27.6 5.1 45.1
105 20.1 0.0 38.7
51 31.0 11.9 51.9

Manual Integrations
APPROVED

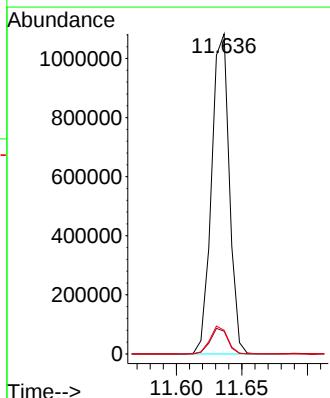
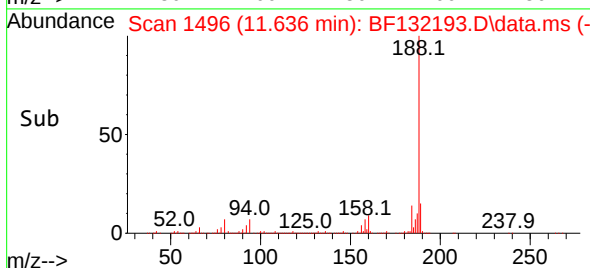
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

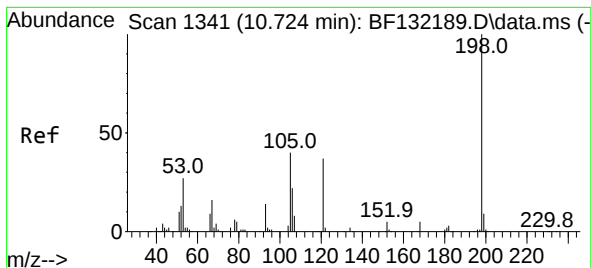


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.636 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16



Tgt Ion:188 Resp: 1026157
Ion Ratio Lower Upper
188 100
94 7.1 5.8 8.6
80 7.4 6.3 9.5





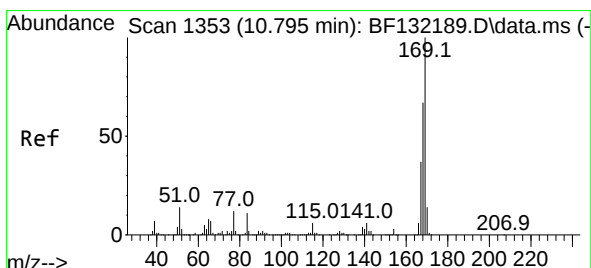
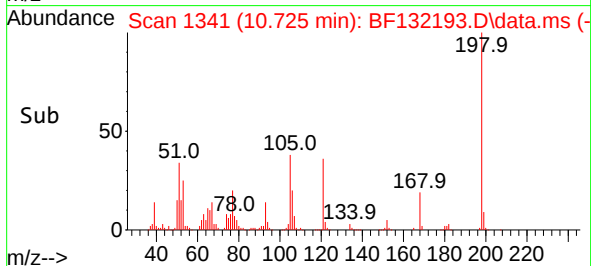
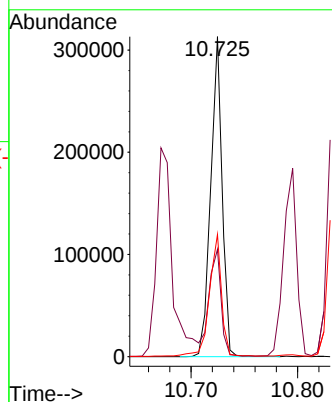
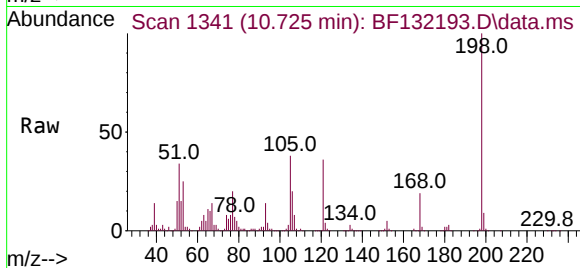
#65
4,6-Dinitro-2-methylphenol
Concen: 43.656 ng
RT: 10.725 min Scan# 1341
Delta R.T. 0.001 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF012423

Tgt Ion:198 Resp: 234064
Ion Ratio Lower Upper
198 100
51 33.5 18.6 58.6
105 38.2 19.9 59.9

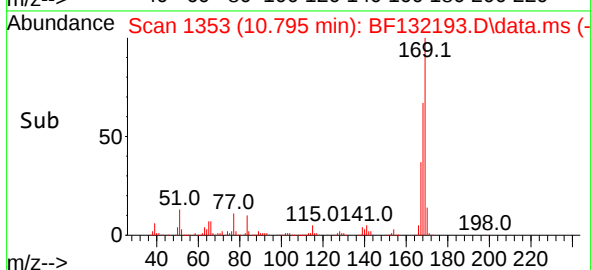
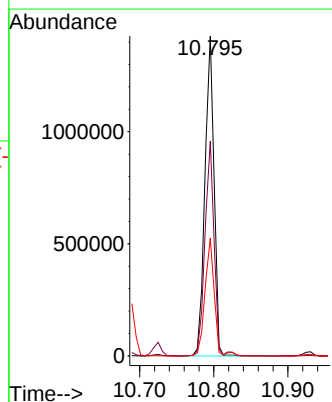
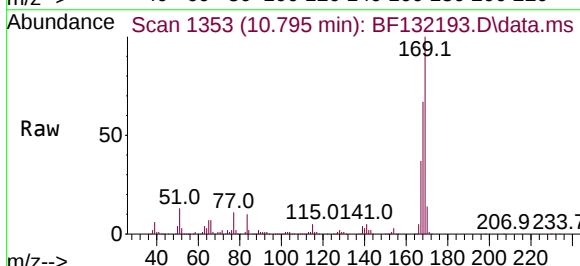
Manual Integrations
APPROVED

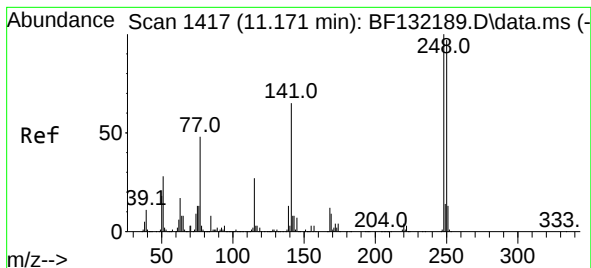
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#66
n-Nitrosodiphenylamine
Concen: 39.758 ng
RT: 10.795 min Scan# 1353
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

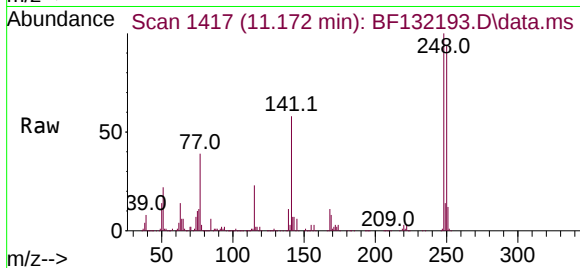
Tgt Ion:169 Resp: 1214938
Ion Ratio Lower Upper
169 100
168 67.1 53.6 80.4
167 36.8 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 41.736 ng
RT: 11.172 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

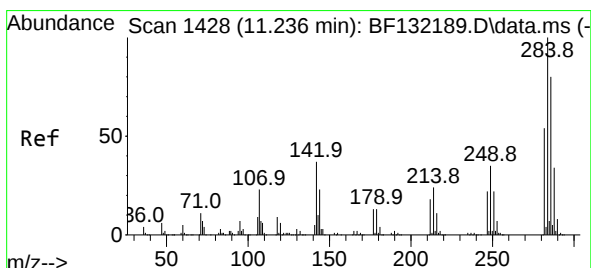
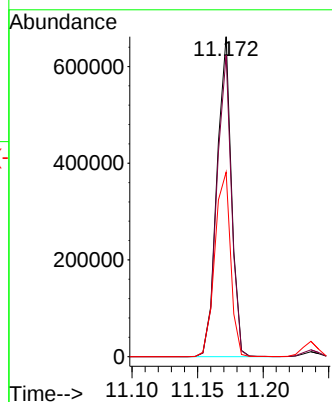
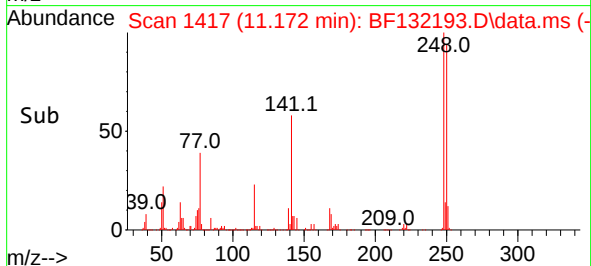
Instrument :
BNA_F
ClientSampleId :
ICVBF012423



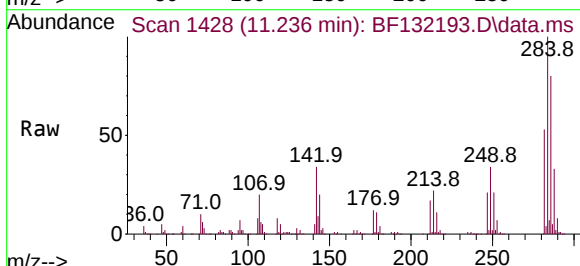
Tgt Ion:248 Resp: 511952
Ion Ratio Lower Upper
248 100
250 94.2 77.8 116.6
141 57.6 52.3 78.5

Manual Integrations
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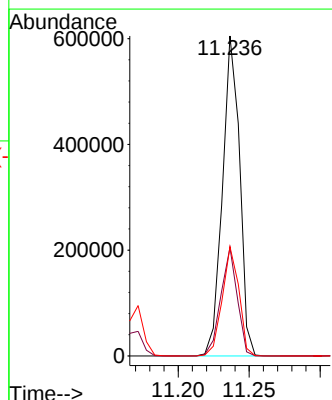
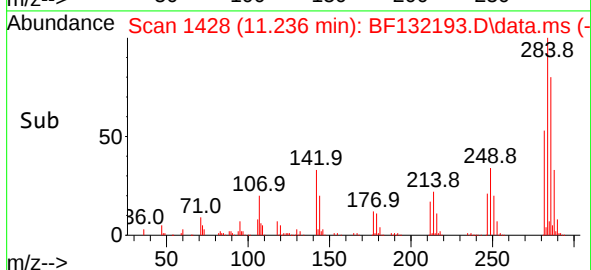
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

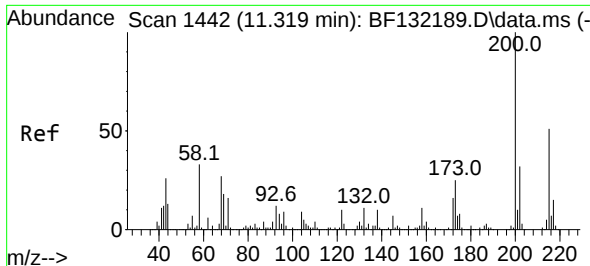


#68
Hexachlorobenzene
Concen: 42.254 ng
RT: 11.236 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16



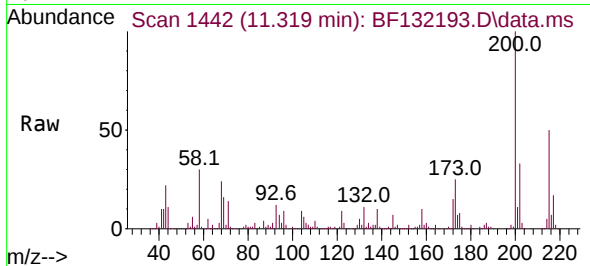
Tgt Ion:284 Resp: 509057
Ion Ratio Lower Upper
284 100
142 33.9 29.4 44.2
249 34.1 28.1 42.1





#69
 Atrazine
 Concen: 43.700 ng
 RT: 11.319 min Scan# 1442
 Delta R.T. 0.000 min
 Lab File: BF132193.D
 Acq: 24 Jan 2023 15:16

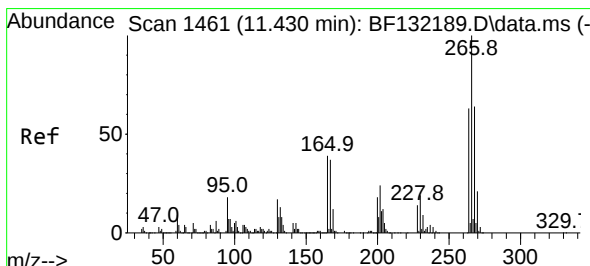
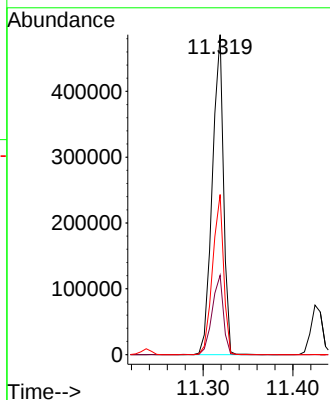
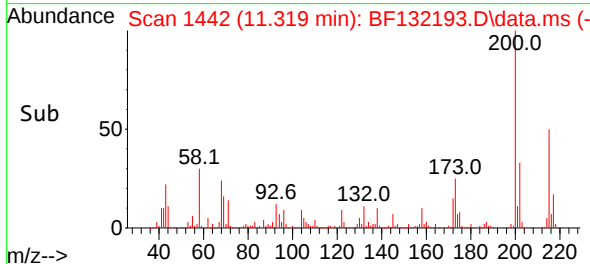
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012423



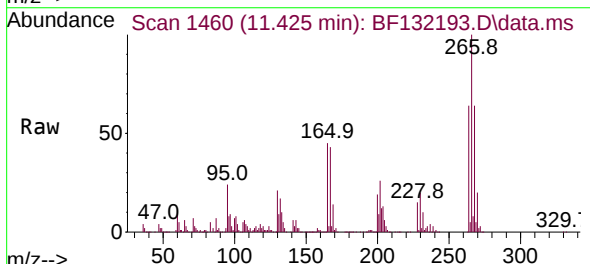
Tgt Ion:200 Resp: 420432
 Ion Ratio Lower Upper
 200 100
 173 24.8 5.1 45.1
 215 50.0 30.9 70.9

Manual Integrations
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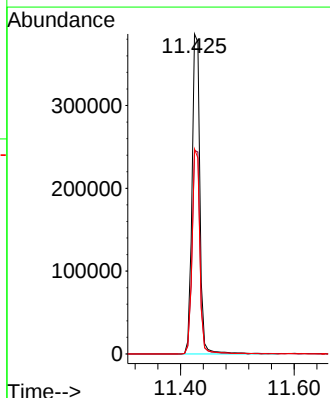
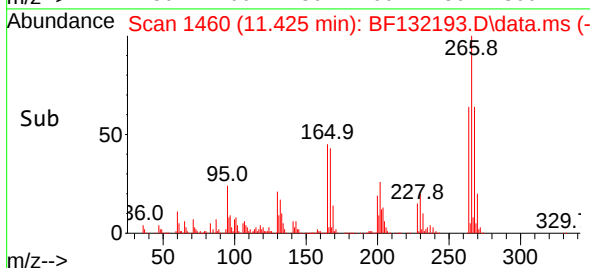
Reviewed By :Christian Giraldo 01/25/2023
 Supervised By :Jagrut Upadhyay 01/25/2023

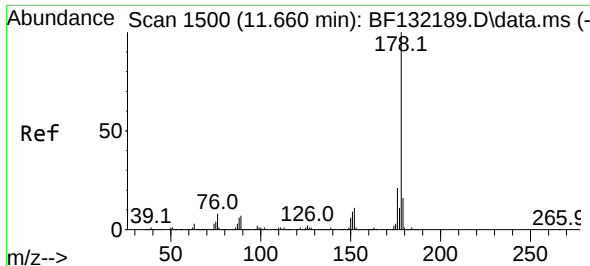


#70
 Pentachlorophenol
 Concen: 45.731 ng
 RT: 11.425 min Scan# 1460
 Delta R.T. -0.005 min
 Lab File: BF132193.D
 Acq: 24 Jan 2023 15:16



Tgt Ion:266 Resp: 368335
 Ion Ratio Lower Upper
 266 100
 268 63.6 51.0 76.6
 264 64.0 50.1 75.1





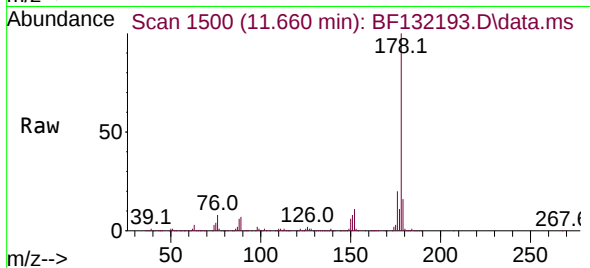
#71
Phenanthrene
Concen: 39.457 ng
RT: 11.660 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

Instrument :

BNA_F

ClientSampleId :

ICVBF012423

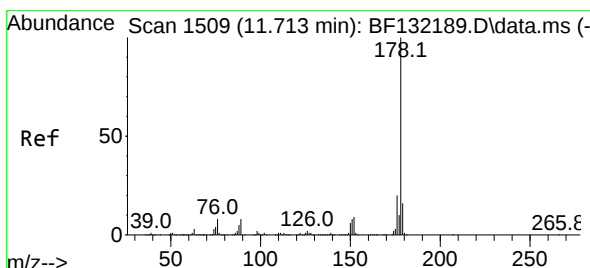
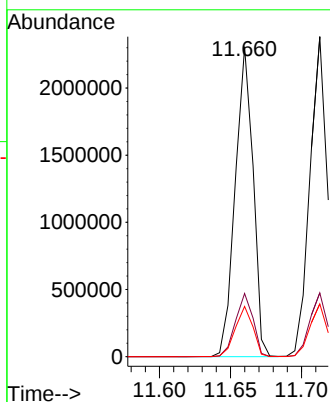
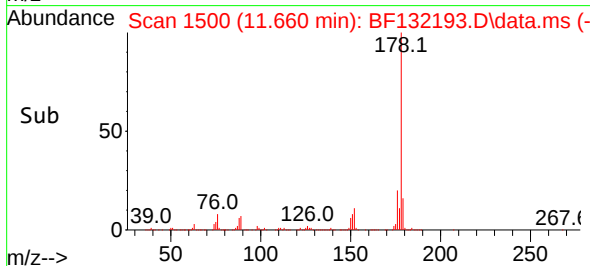


Tgt Ion:178 Resp: 2011729
Ion Ratio Lower Upper
178 100
176 20.4 16.6 24.8
179 16.2 13.0 19.4

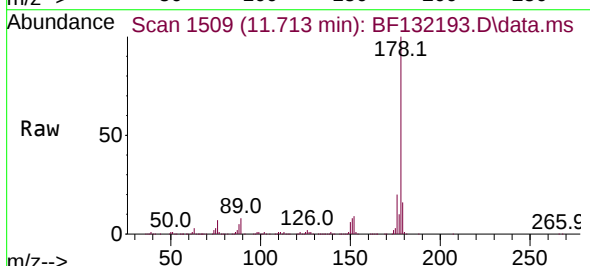
Manual Integrations

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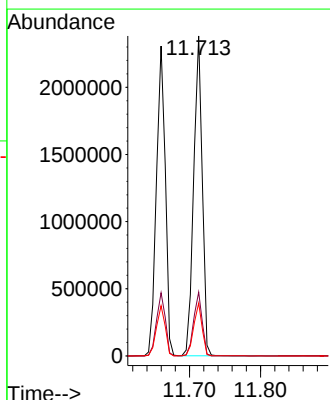
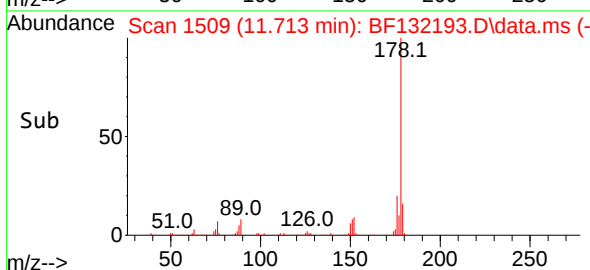
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

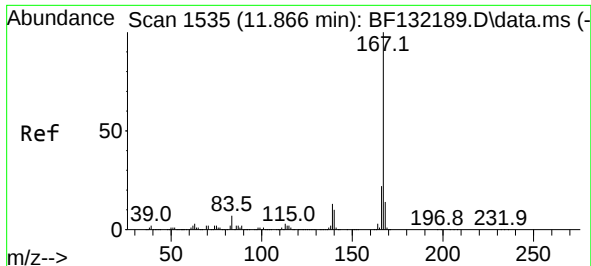


#72
Anthracene
Concen: 38.932 ng
RT: 11.713 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16



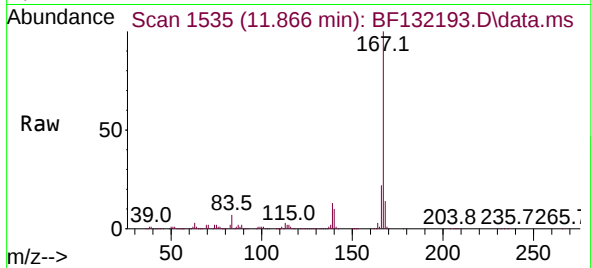
Tgt Ion:178 Resp: 2012835
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.8
179 16.5 13.0 19.6





#73
 Carbazole
 Concen: 39.721 ng
 RT: 11.866 min Scan# 1535
 Delta R.T. 0.000 min
 Lab File: BF132193.D
 Acq: 24 Jan 2023 15:16

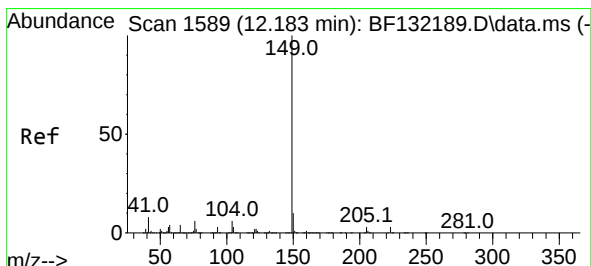
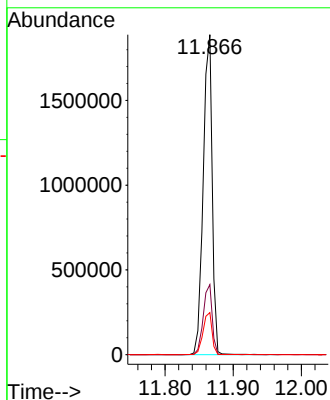
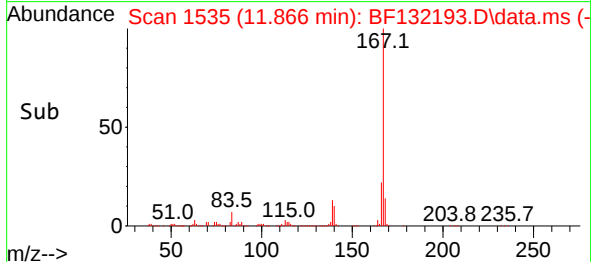
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012423



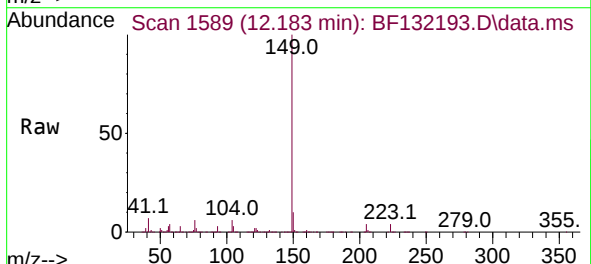
Tgt Ion:167 Resp: 1730843
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 13.1 10.7 16.1

Manual Integrations
 APPROVED

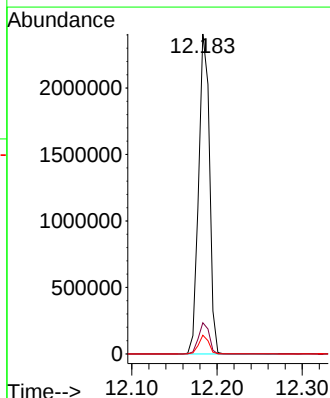
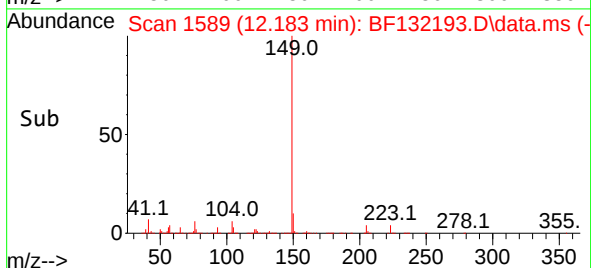
Reviewed By :Christian Giraldo 01/25/2023
 Supervised By :Jagrut Upadhyay 01/25/2023

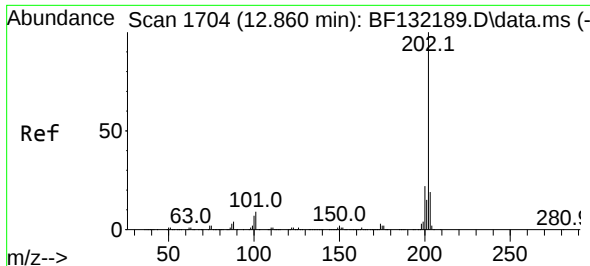


#74
 Di-n-butylphthalate
 Concen: 43.777 ng
 RT: 12.183 min Scan# 1589
 Delta R.T. 0.000 min
 Lab File: BF132193.D
 Acq: 24 Jan 2023 15:16



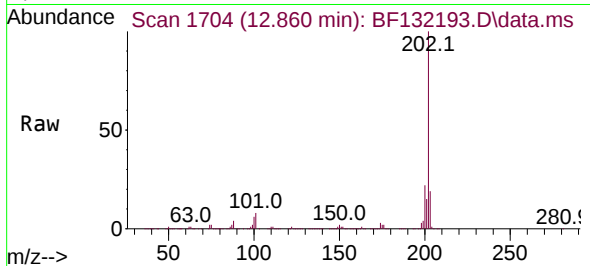
Tgt Ion:149 Resp: 2122746
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.9 11.9
 104 5.8 4.8 7.2





#75
Fluoranthene
Concen: 39.740 ng
RT: 12.860 min Scan# 1704
Delta R.T. -0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

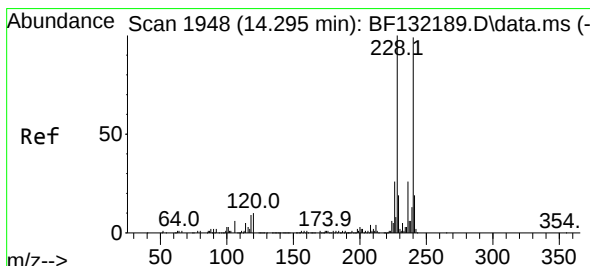
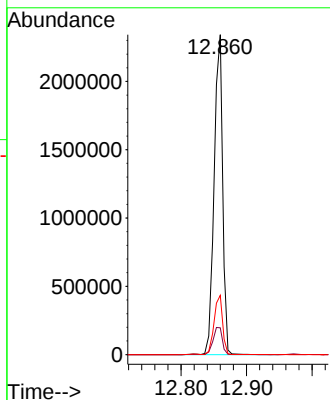
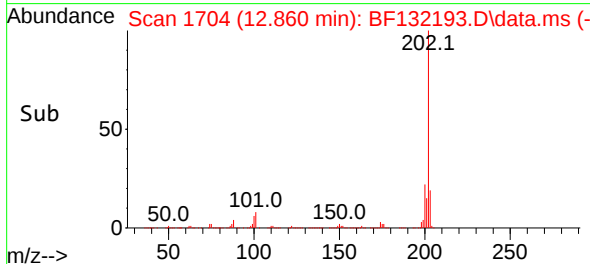
Instrument :
BNA_F
ClientSampleId :
ICVBF012423



Tgt Ion:202 Resp: 211907
Ion Ratio Lower Upper
202 100
101 8.4 0.0 29.2
203 18.5 0.0 38.8

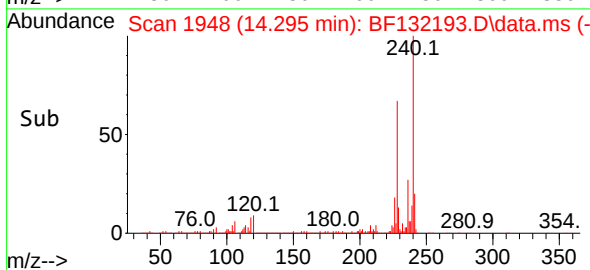
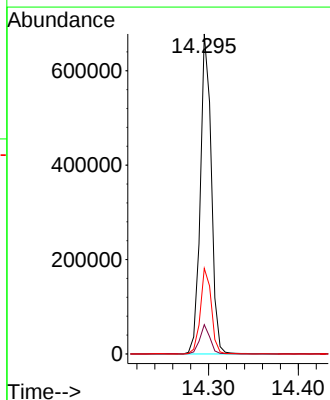
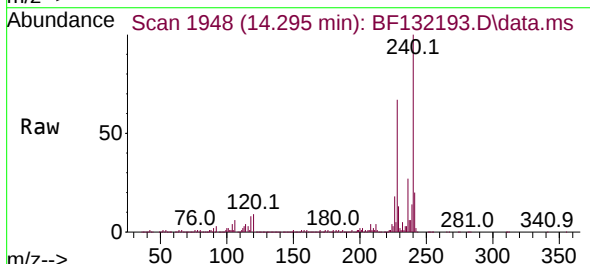
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APPROVED

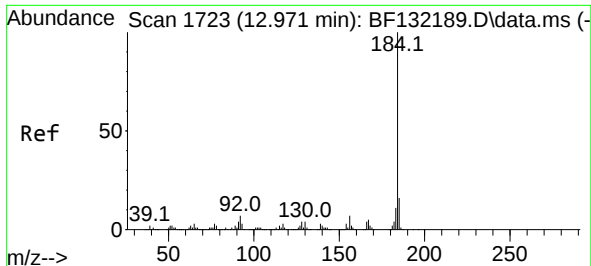
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.295 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

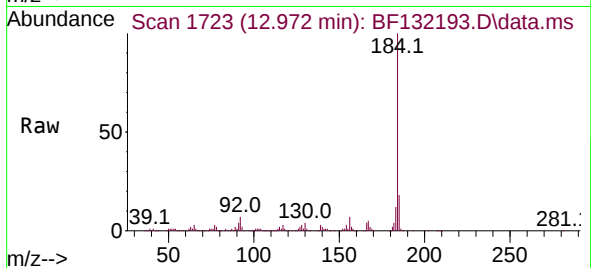
Tgt Ion:240 Resp: 574547
Ion Ratio Lower Upper
240 100
120 9.1 7.8 11.6
236 26.7 21.2 31.8





#77
Benzidine
Concen: 42.251 ng
RT: 12.972 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

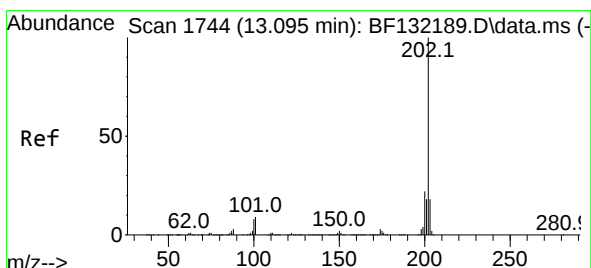
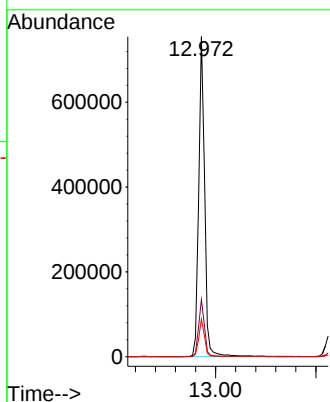
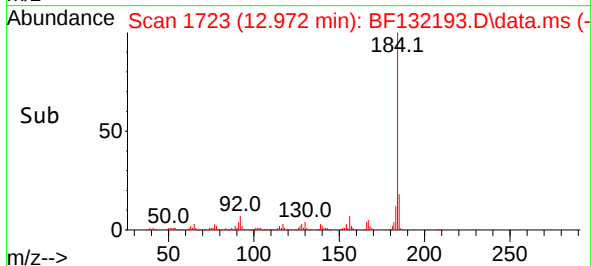
Instrument :
BNA_F
ClientSampleId :
ICVBF012423



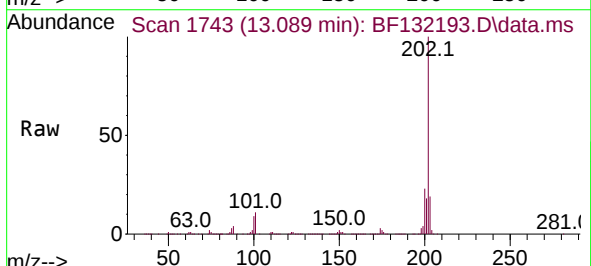
Tgt Ion:184 Resp: 618413
Ion Ratio Lower Upper
184 100
185 17.8 13.0 19.4
183 11.7 9.2 13.8

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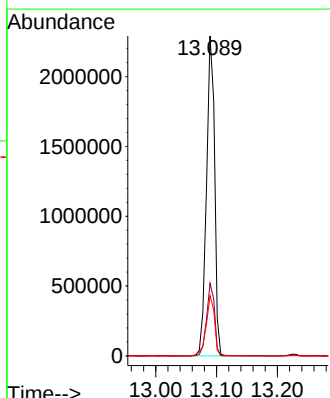
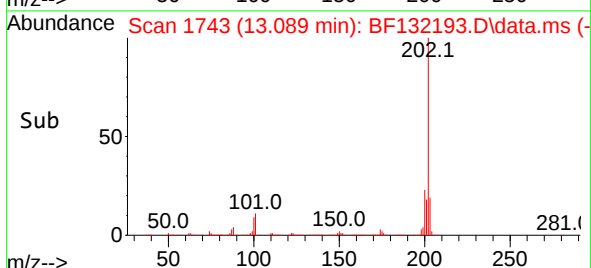
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

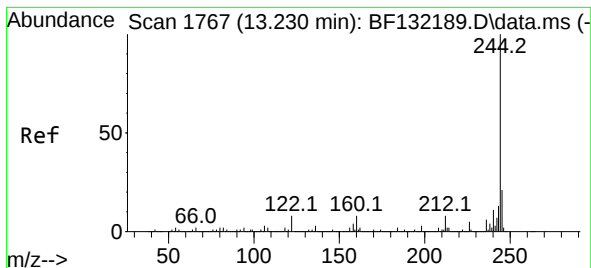


#78
Pyrene
Concen: 41.427 ng
RT: 13.089 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16



Tgt Ion:202 Resp: 2114163
Ion Ratio Lower Upper
202 100
200 22.7 17.8 26.6
203 18.8 14.6 21.8





#79

Terphenyl-d14

Concen: 83.030 ng

RT: 13.230 min Scan# 1767

Delta R.T. 0.000 min

Lab File: BF132193.D

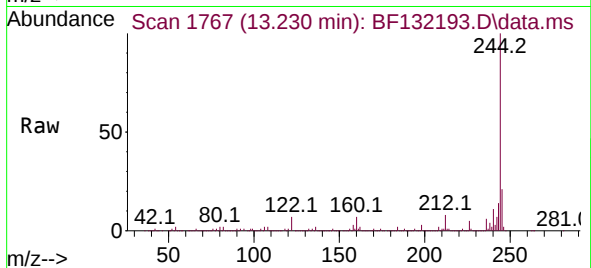
Acq: 24 Jan 2023 15:16

Instrument :

BNA_F

ClientSampleId :

ICVBF012423



Tgt Ion:244 Resp: 304439

Ion Ratio Lower Upper

244 100

212 7.9 6.6 10.0

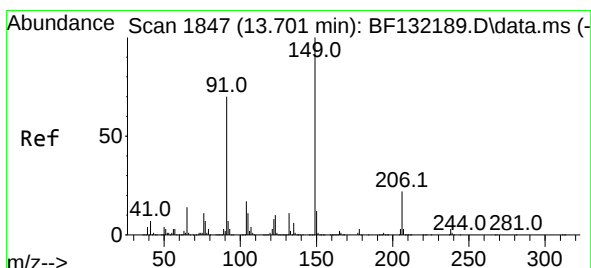
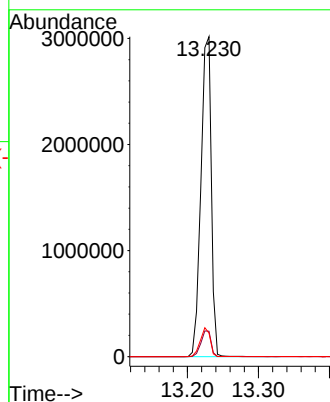
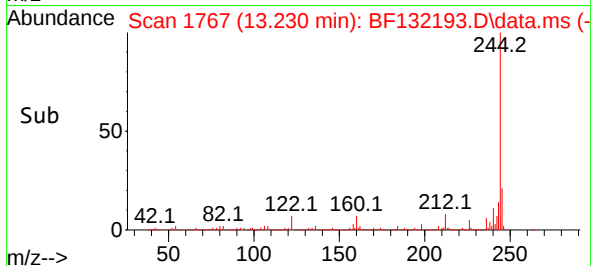
122 7.3 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#80

Butylbenzylphthalate

Concen: 45.150 ng

RT: 13.701 min Scan# 1847

Delta R.T. -0.000 min

Lab File: BF132193.D

Acq: 24 Jan 2023 15:16

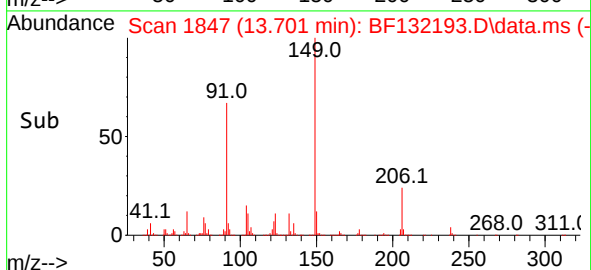
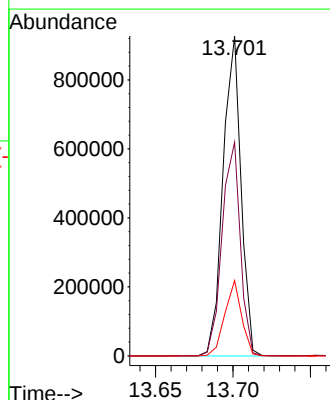
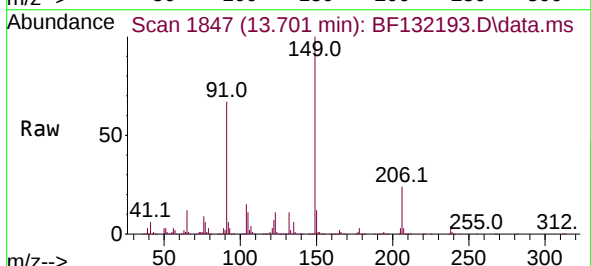
Tgt Ion:149 Resp: 746196

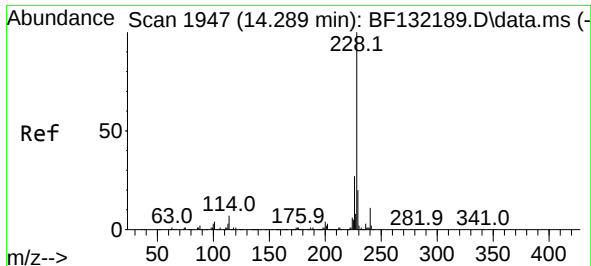
Ion Ratio Lower Upper

149 100

91 66.8 56.3 84.5

206 23.5 17.7 26.5





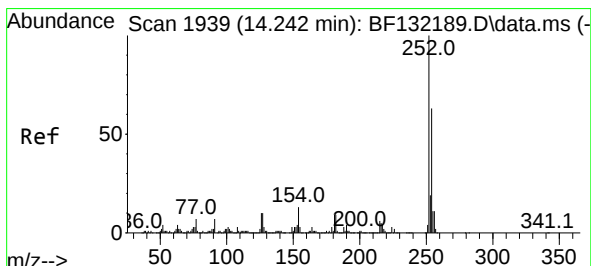
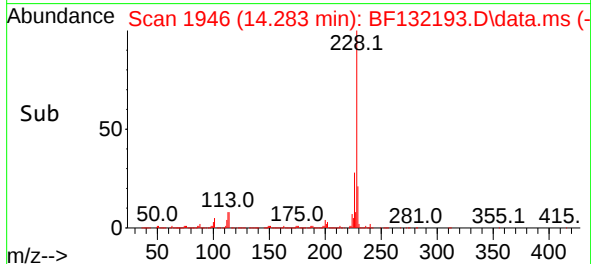
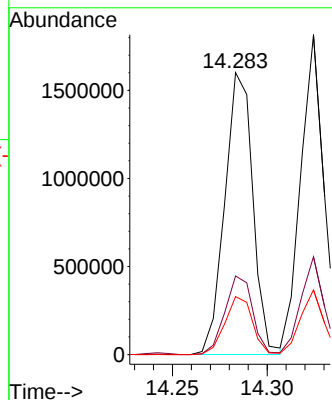
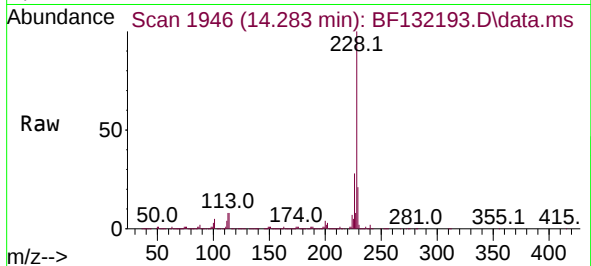
#81
Benzo(a)anthracene
Concen: 40.410 ng
RT: 14.283 min Scan# 1947
Delta R.T. -0.006 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

Instrument :
BNA_F
ClientSampleId :
ICVBF012423

Tgt Ion:228 Resp: 1651692
Ion Ratio Lower Upper
228 100
226 27.9 22.0 33.0
229 20.6 16.2 24.4

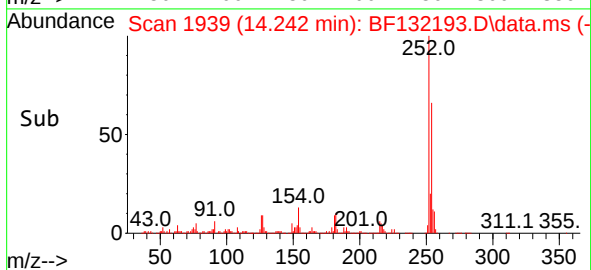
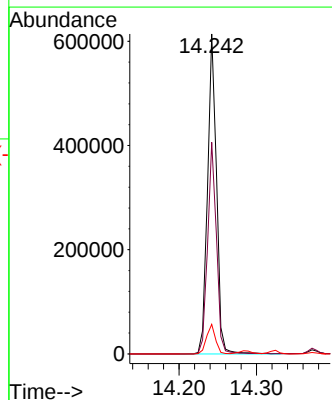
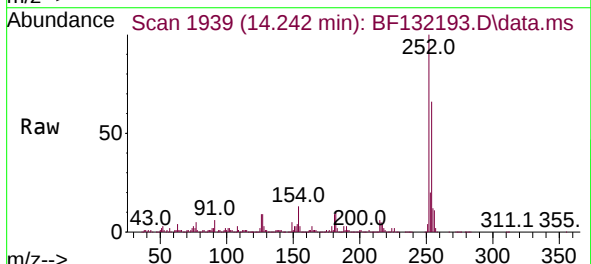
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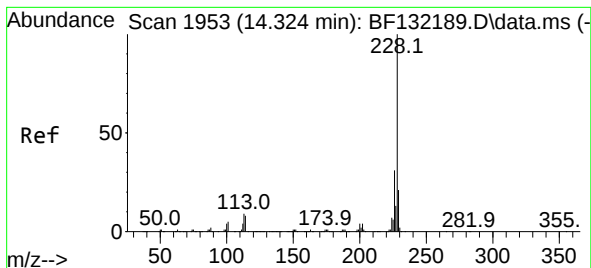
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#82
3,3'-Dichlorobenzidine
Concen: 45.264 ng
RT: 14.242 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

Tgt Ion:252 Resp: 493083
Ion Ratio Lower Upper
252 100
254 66.1 50.1 75.1
126 9.2 7.7 11.5





#83

Chrysene

Concen: 39.898 ng

RT: 14.324 min Scan# 1953

Delta R.T. 0.000 min

Lab File: BF132193.D

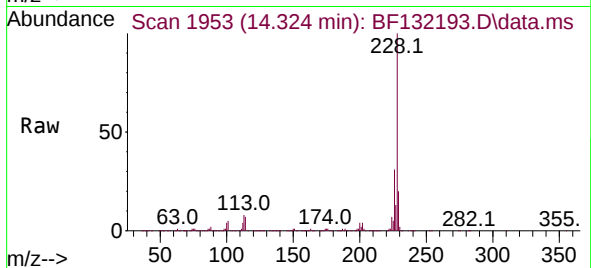
Acq: 24 Jan 2023 15:16

Instrument :

BNA_F

ClientSampleId :

ICVBF012423



Tgt Ion:228 Resp: 1523066

Ion Ratio Lower Upper

228 100

226 30.6 25.0 37.6

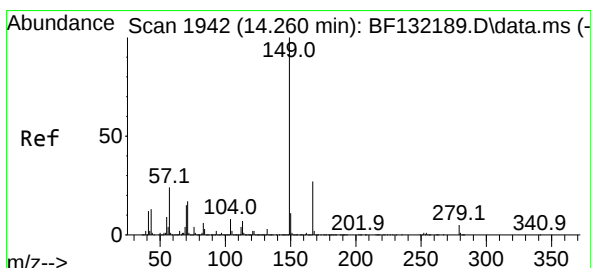
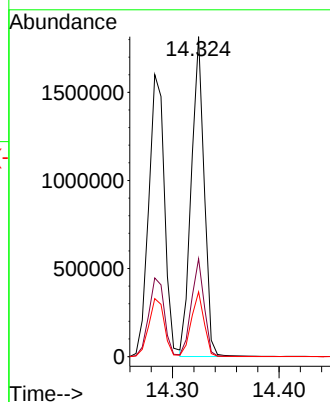
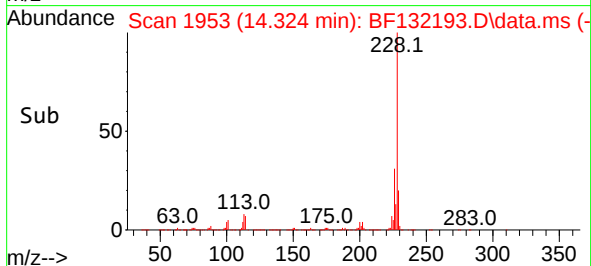
229 20.2 16.5 24.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.036 ng

RT: 14.260 min Scan# 1942

Delta R.T. -0.000 min

Lab File: BF132193.D

Acq: 24 Jan 2023 15:16

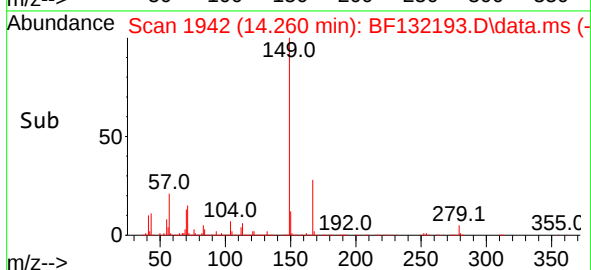
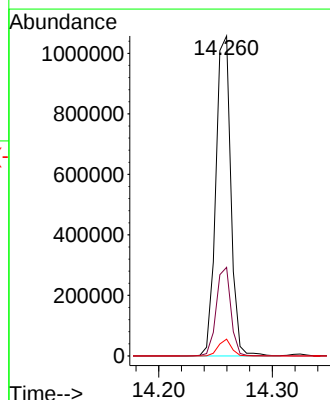
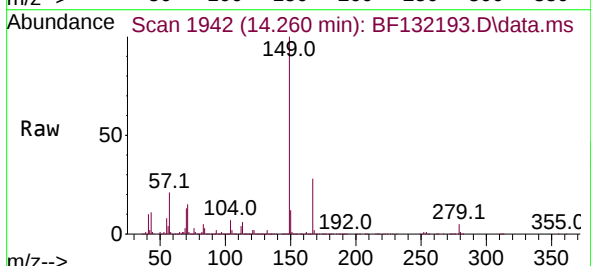
Tgt Ion:149 Resp: 969556

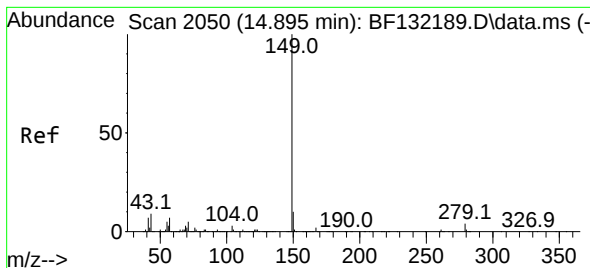
Ion Ratio Lower Upper

149 100

167 27.7 21.7 32.5

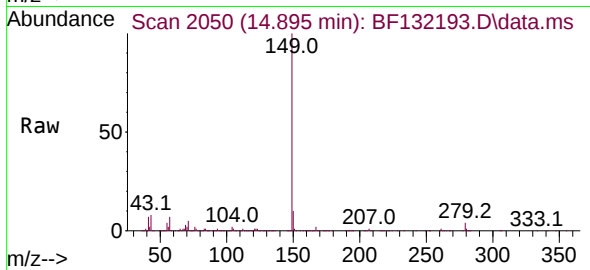
279 5.2 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 43.315 ng
RT: 14.895 min Scan# 2050
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

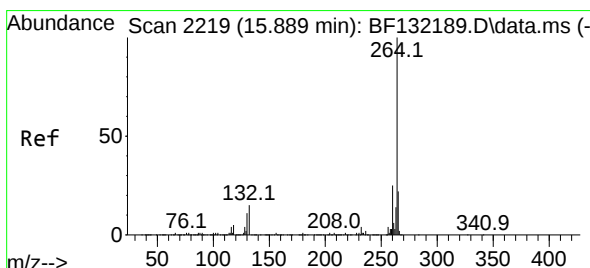
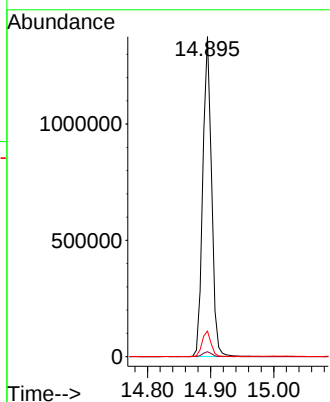
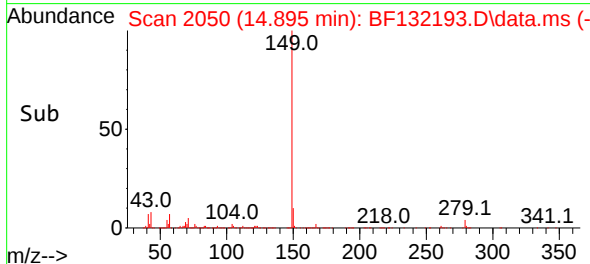
Instrument :
BNA_F
ClientSampleId :
ICVBF012423



Tgt Ion:149 Resp: 1323026
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.3 7.6 11.4

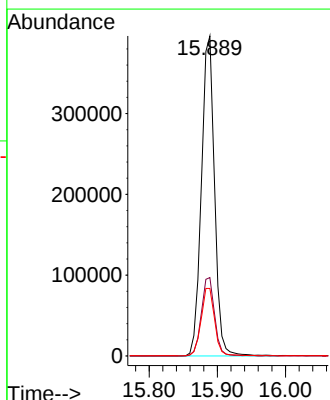
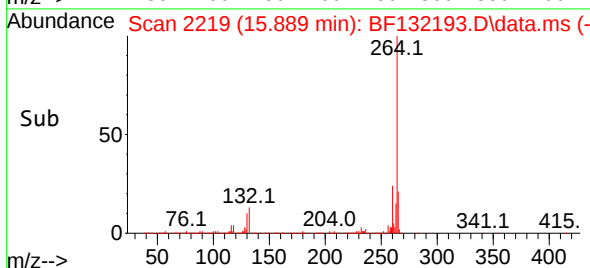
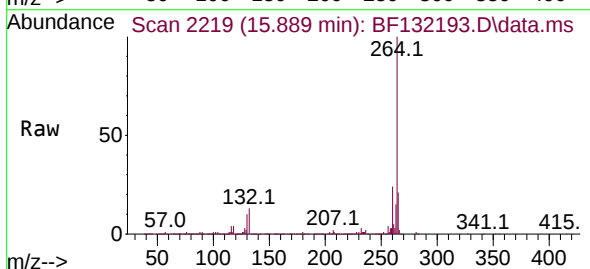
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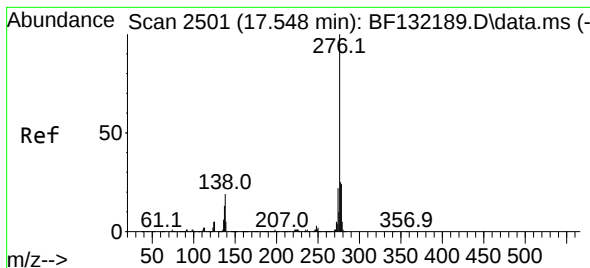
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.889 min Scan# 2219
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

Tgt Ion:264 Resp: 531591
Ion Ratio Lower Upper
264 100
260 24.5 19.9 29.9
265 21.1 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.009 ng

RT: 17.548 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF132193.D

Acq: 24 Jan 2023 15:16

Instrument :

BNA_F

ClientSampleId :

ICVBF012423

Tgt Ion:276 Resp: 1607096

Ion Ratio Lower Upper

276 100

138 21.6 17.8 26.6

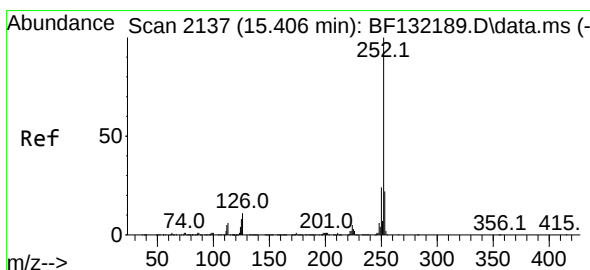
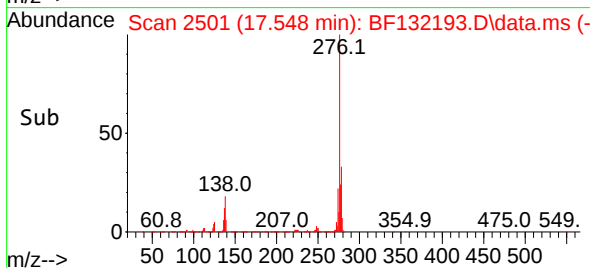
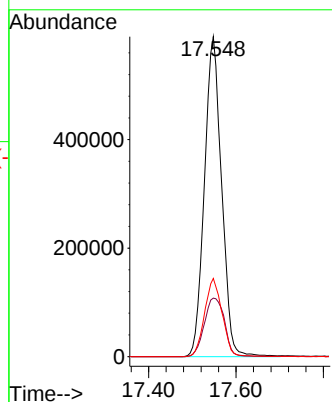
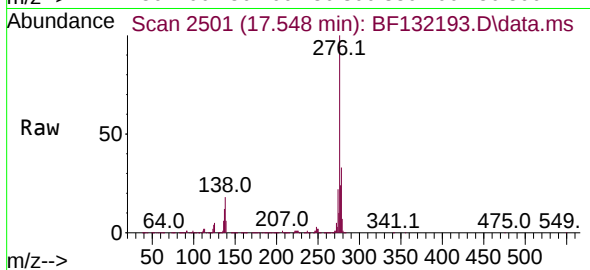
277 24.9 20.2 30.4

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Reviewed By :Christian Giraldo 01/25/2023

Supervised By :Jagrut Upadhyay 01/25/2023



#88

Benzo(b)fluoranthene

Concen: 40.344 ng

RT: 15.407 min Scan# 2137

Delta R.T. 0.000 min

Lab File: BF132193.D

Acq: 24 Jan 2023 15:16

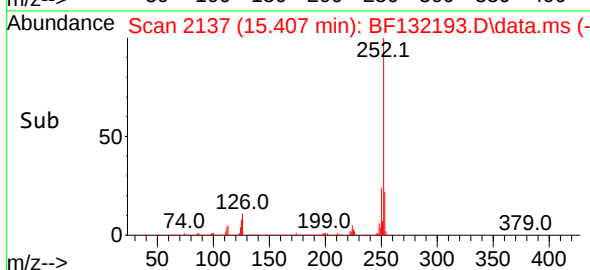
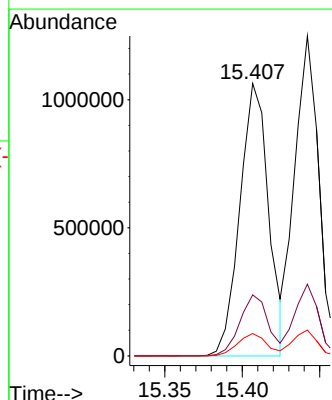
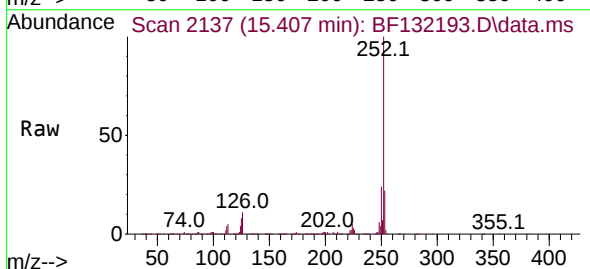
Tgt Ion:252 Resp: 1374302

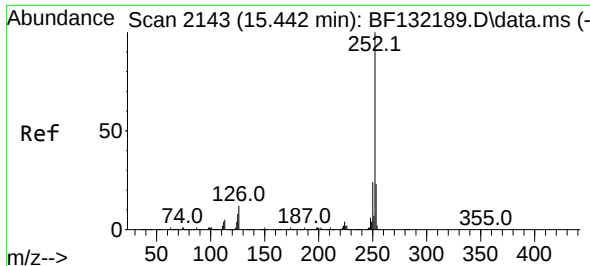
Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

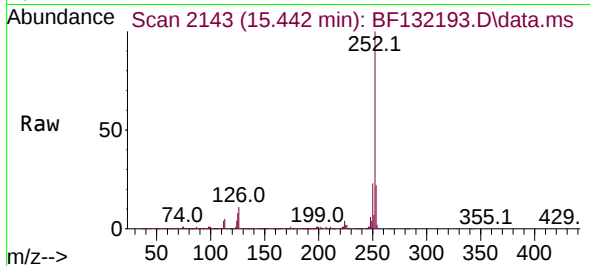
125 8.2 6.7 10.1





#89
Benzo(k)fluoranthene
Concen: 39.111 ng
RT: 15.442 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

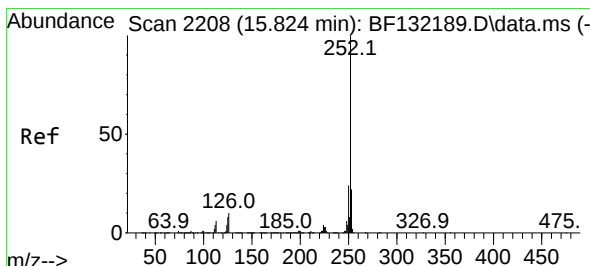
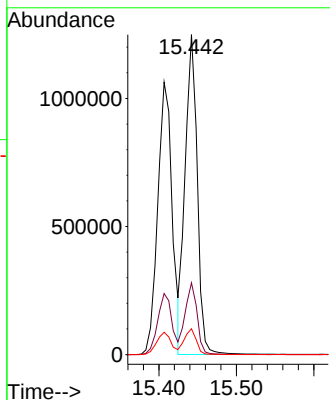
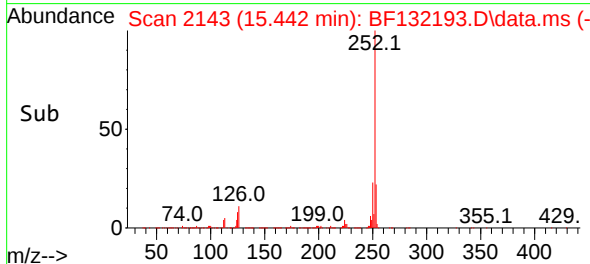
Instrument :
BNA_F
ClientSampleId :
ICVBF012423



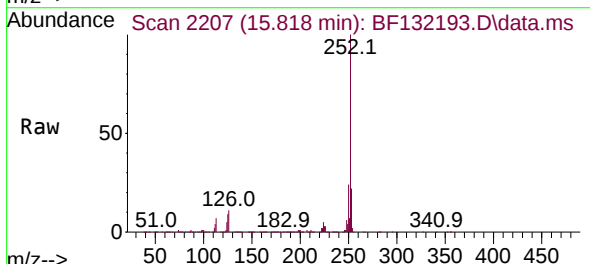
Tgt Ion:252 Resp: 1360270
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 8.1 6.7 10.1

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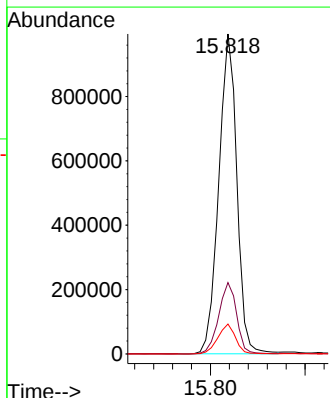
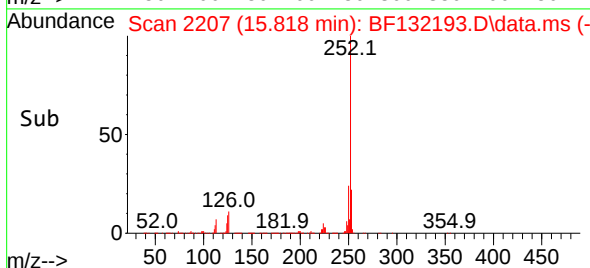
Reviewed By :Christian Giraldo 01/25/2023
Supervised By :Jagrut Upadhyay 01/25/2023

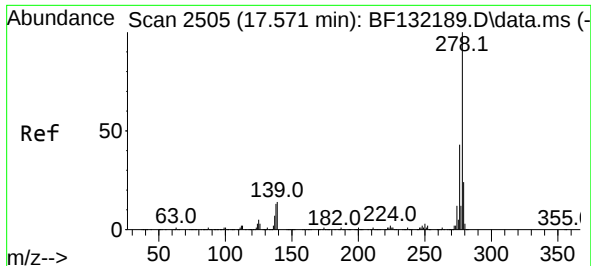


#90
Benzo(a)pyrene
Concen: 41.275 ng
RT: 15.818 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16



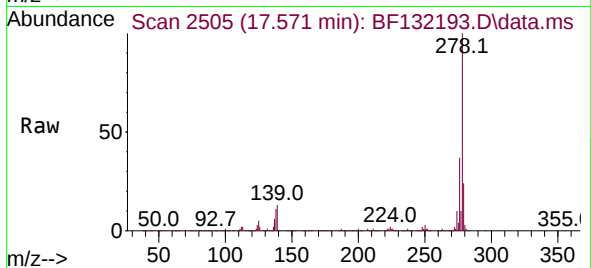
Tgt Ion:252 Resp: 1316159
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 9.3 6.7 10.1





#91
Dibenzo(a,h)anthracene
Concen: 44.185 ng
RT: 17.571 min Scan# 2505
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16

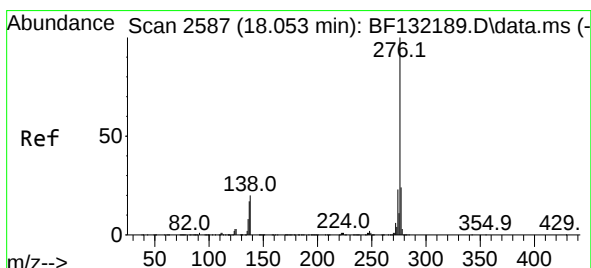
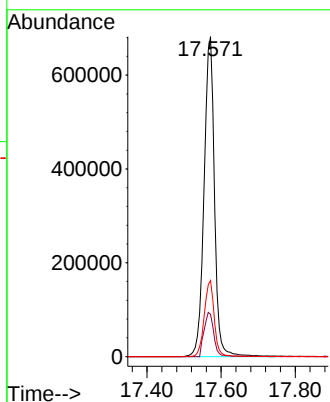
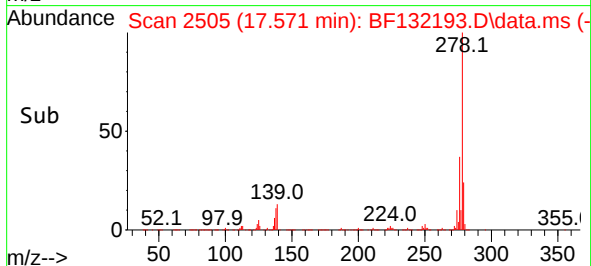
Instrument :
BNA_F
ClientSampleId :
ICVBF012423



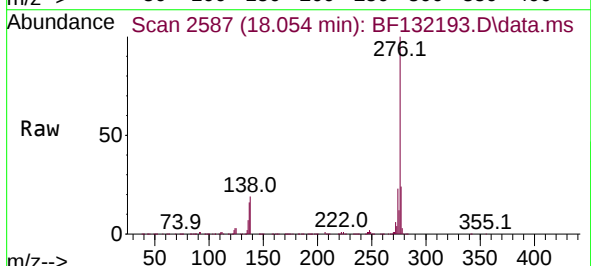
Tgt Ion: 278 Resp: 1332538
Ion Ratio Lower Upper
278 100
139 13.2 11.2 16.8
279 23.8 19.0 28.6

Manual Integrations
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Reviewed By : Christian Giraldo 01/25/2023
Supervised By : Jagrut Upadhyay 01/25/2023



#92
Benzo(g,h,i)perylene
Concen: 43.737 ng
RT: 18.054 min Scan# 2587
Delta R.T. 0.000 min
Lab File: BF132193.D
Acq: 24 Jan 2023 15:16



Tgt Ion: 276 Resp: 1335335
Ion Ratio Lower Upper
276 100
277 23.9 18.8 28.2
138 18.7 15.6 23.4

