

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012723\
 Data File : BF132204.D
 Acq On : 27 Jan 2023 18:17
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF012723

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/30/2023
 Supervised By : Jagrut Upadhyay 01/30/2023

Quant Time: Jan 28 02:27:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 28 02:25:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.078	152	240622	20.000	ng	0.00
21) Naphthalene-d8	8.366	136	849854	20.000	ng	0.00
39) Acenaphthene-d10	10.136	164	435802	20.000	ng	0.00
64) Phenanthrene-d10	11.630	188	794157	20.000	ng	0.00
76) Chrysene-d12	14.295	240	411357	20.000	ng	0.00
86) Perylene-d12	15.883	264	406712	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	1154073	79.800	ng	0.00
7) Phenol-d6	6.696	99	1440217	79.423	ng	0.00
23) Nitrobenzene-d5	7.648	82	1282905	79.030	ng	0.00
42) 2,4,6-Tribromophenol	10.931	330	360134	89.242	ng	0.00
45) 2-Fluorobiphenyl	9.448	172	2162969	73.030	ng	0.00
79) Terphenyl-d14	13.225	244	2157986	82.421	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.019	88	288753	39.670	ng	97
3) Pyridine	3.772	79	774023	38.717	ng	98
4) n-Nitrosodimethylamine	3.743	42	259790	38.828	ng	91
6) Aniline	6.748	93	1022546	40.270	ng	99
8) 2-Chlorophenol	6.866	128	601960	41.512	ng	97
9) Benzaldehyde	6.637	77	418972	37.311	ng	95
10) Phenol	6.707	94	747733	39.610	ng	98
11) bis(2-Chloroethyl)ether	6.813	93	637569	39.153	ng	97
12) 1,3-Dichlorobenzene	7.025	146	656400	40.718	ng	98
13) 1,4-Dichlorobenzene	7.101	146	655605	40.794	ng	98
14) 1,2-Dichlorobenzene	7.254	146	607690	40.704	ng	98
15) Benzyl Alcohol	7.219	79	550283	41.299	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.348	45	702231	37.975	ng	98
17) 2-Methylphenol	7.319	107	538374	40.833	ng	98
18) Hexachloroethane	7.595	117	247667	41.939	ng	97
19) n-Nitroso-di-n-propyla...	7.490	70	415970	38.113	ng	99
20) 3+4-Methylphenols	7.472	107	677197	40.867	ng	91
22) Acetophenone	7.490	105	802207	38.606	ng	98
24) Nitrobenzene	7.666	77	670635	39.959	ng	98
25) Isophorone	7.901	82	1229615	39.387	ng	98
26) 2-Nitrophenol	7.978	139	304955	44.886	ng	96
27) 2,4-Dimethylphenol	8.007	122	551274	42.227	ng	99
28) bis(2-Chloroethoxy)met...	8.107	93	743776	38.697	ng	99
29) 2,4-Dichlorophenol	8.219	162	511450	41.957	ng	99
30) 1,2,4-Trichlorobenzene	8.307	180	573335	40.941	ng	100
31) Naphthalene	8.390	128	1674665	39.826	ng	99
32) Benzoic acid	8.113	122	376475m	43.776	ng	
33) 4-Chloroaniline	8.437	127	740160	40.603	ng	98
34) Hexachlorobutadiene	8.501	225	365554	41.788	ng	99
35) Caprolactam	8.813	113	156775	45.423	ng	95
36) 4-Chloro-3-methylphenol	8.901	107	522441	41.852	ng	97
37) 2-Methylnaphthalene	9.084	142	1152208	39.936	ng	99
38) 1-Methylnaphthalene	9.184	142	1072289	40.065	ng	99
40) 1,2,4,5-Tetrachloroben...	9.248	216	592889	40.538	ng	100
41) Hexachlorocyclopentadiene	9.237	237	343321	46.215	ng	99
43) 2,4,6-Trichlorophenol	9.354	196	388772	43.565	ng	99

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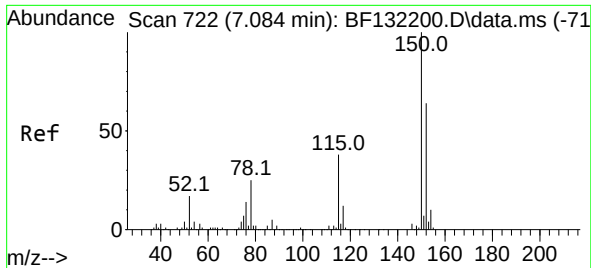
Manual Integrations
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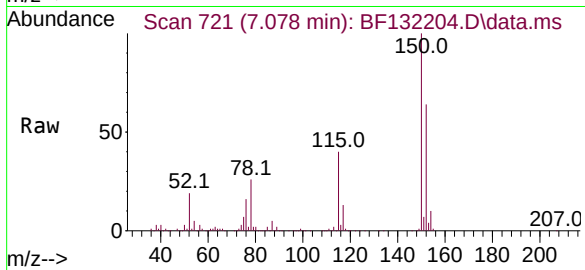
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.389	196	448800	42.944	ng	97
46) 1,1'-Biphenyl	9.548	154	1323482	39.407	ng	99
47) 2-Chloronaphthalene	9.578	162	1039685	39.885	ng	100
48) 2-Nitroaniline	9.666	65	308569	44.078	ng	96
49) Acenaphthylene	9.995	152	1627732	40.190	ng	99
50) Dimethylphthalate	9.848	163	1220266	41.258	ng	100
51) 2,6-Dinitrotoluene	9.907	165	276005	43.926	ng	95
52) Acenaphthene	10.172	154	999755	40.149	ng	99
53) 3-Nitroaniline	10.084	138	301643	43.384	ng	92
54) 2,4-Dinitrophenol	10.178	184	127797	42.929	ng	# 1
55) Dibenzofuran	10.342	168	1479326	39.655	ng	100
56) 4-Nitrophenol	10.219	139	223555	44.503	ng	96
57) 2,4-Dinitrotoluene	10.313	165	356141	46.040	ng	92
58) Fluorene	10.689	166	1128531	39.605	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.454	232	331572	44.653	ng	100
60) Diethylphthalate	10.548	149	1177853	40.854	ng	99
61) 4-Chlorophenyl-phenyle...	10.672	204	611056	40.652	ng	98
62) 4-Nitroaniline	10.701	138	279553	42.852	ng	97
63) Azobenzene	10.836	77	1143220	37.574	ng	97
65) 4,6-Dinitro-2-methylph...	10.725	198	178456	43.935	ng	93
66) n-Nitrosodiphenylamine	10.795	169	990417	39.714	ng	100
67) 4-Bromophenyl-phenylether	11.172	248	377594	41.301	ng	97
68) Hexachlorobenzene	11.236	284	376986	41.614	ng	93
69) Atrazine	11.313	200	314281	43.908	ng	99
70) Pentachlorophenol	11.425	266	265410	44.388	ng	99
71) Phenanthrene	11.660	178	1600220	39.609	ng	100
72) Anthracene	11.713	178	1624607	39.490	ng	100
73) Carbazole	11.860	167	1428074	40.408	ng	100
74) Di-n-butylphthalate	12.183	149	1683519	41.872	ng	100
75) Fluoranthene	12.854	202	1636566	39.812	ng	100
77) Benzidine	12.972	184	418412	38.969	ng	99
78) Pyrene	13.089	202	1631407	42.328	ng	100
80) Butylbenzylphthalate	13.695	149	574596	44.452	ng	95
81) Benzo(a)anthracene	14.283	228	1182476	40.884	ng	99
82) 3,3'-Dichlorobenzidine	14.242	252	358816	45.780	ng	98
83) Chrysene	14.319	228	1100394	40.826	ng	99
84) Bis(2-ethylhexyl)phtha...	14.254	149	717236	42.821	ng	100
85) Di-n-octyl phthalate	14.889	149	1022362	41.911	ng	98
87) Indeno(1,2,3-cd)pyrene	17.542	276	1193066	44.368	ng	99
88) Benzo(b)fluoranthene	15.407	252	1015266	40.644	ng	99
89) Benzo(k)fluoranthene	15.436	252	1037451	40.251	ng	99
90) Benzo(a)pyrene	15.818	252	993605	42.148	ng	98
91) Dibenzo(a,h)anthracene	17.565	278	978675	44.515	ng	98
92) Benzo(g,h,i)perylene	18.048	276	975878	43.535	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.078 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

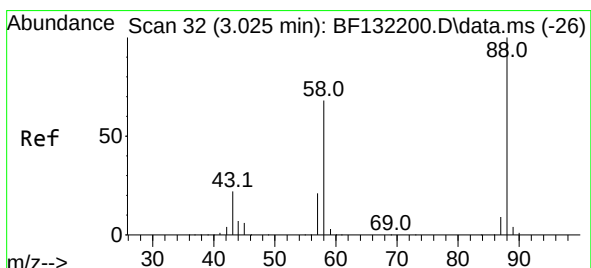
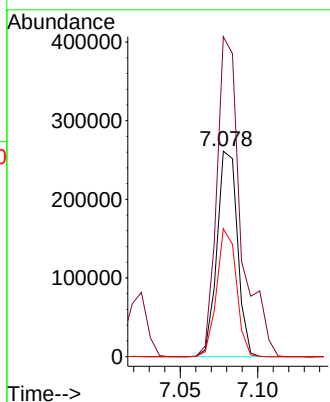
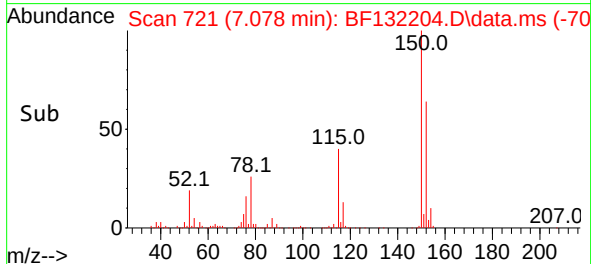
Instrument :
BNA_F
ClientSampleId :
ICVBF012723



Tgt Ion:152 Resp: 240622
Ion Ratio Lower Upper
152 100
150 155.7 124.5 186.7
115 62.2 47.0 70.6

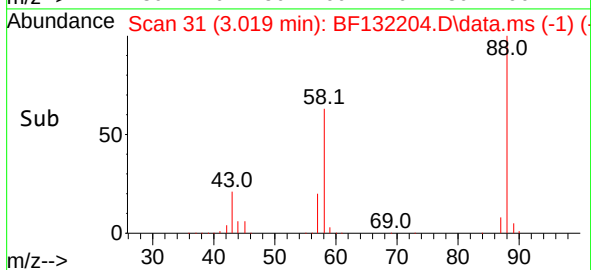
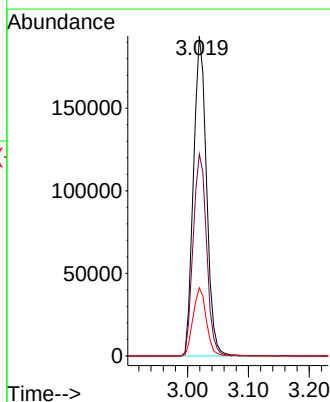
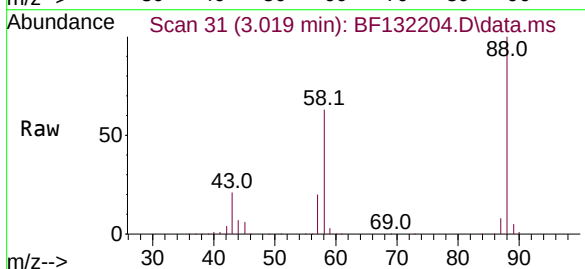
Manual Integrations
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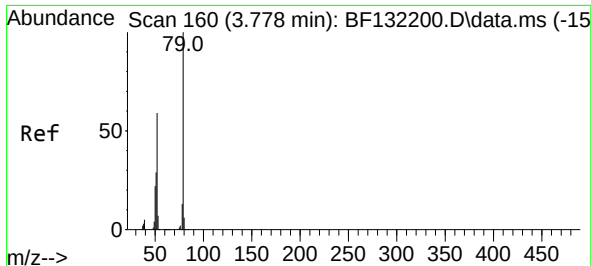
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#2
1,4-Dioxane
Concen: 39.670 ng
RT: 3.019 min Scan# 31
Delta R.T. -0.006 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

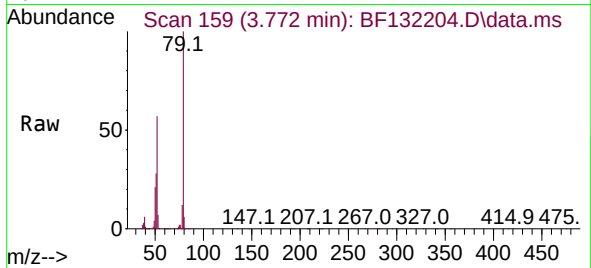
Tgt Ion: 88 Resp: 288753
Ion Ratio Lower Upper
88 100
58 64.9 54.1 81.1
43 21.4 18.0 27.0





#3
Pyridine
Concen: 38.717 ng
RT: 3.772 min Scan# 159
Delta R.T. -0.006 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

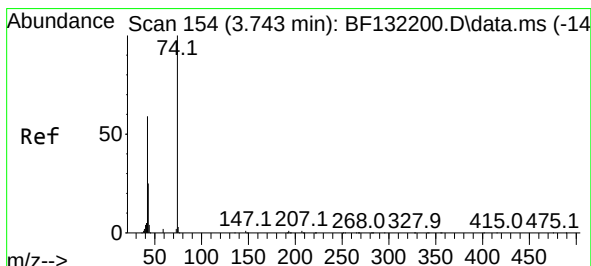
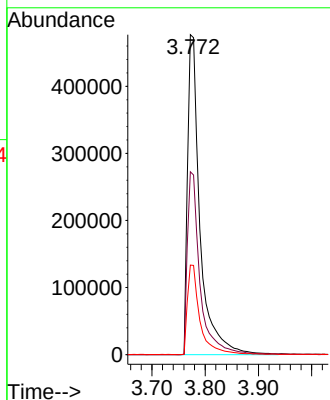
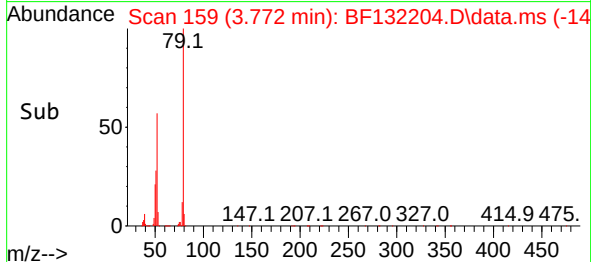
Instrument :
BNA_F
ClientSampleId :
ICVBF012723



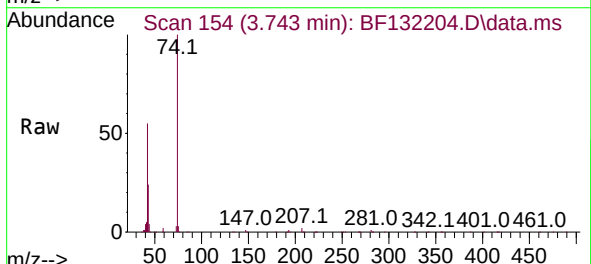
Tgt Ion: 79 Resp: 774023
Ion Ratio Lower Upper
79 100
52 57.1 46.8 70.2
51 28.0 23.0 34.6

Manual Integrations
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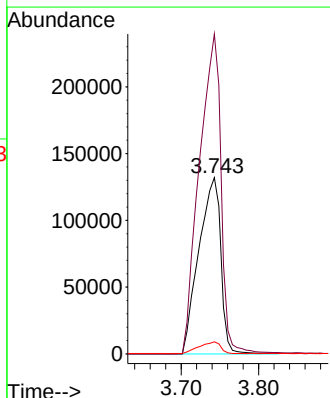
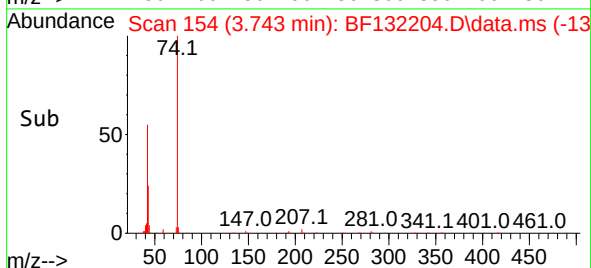
Reviewed By :Christian Giraldo 01/30/2023
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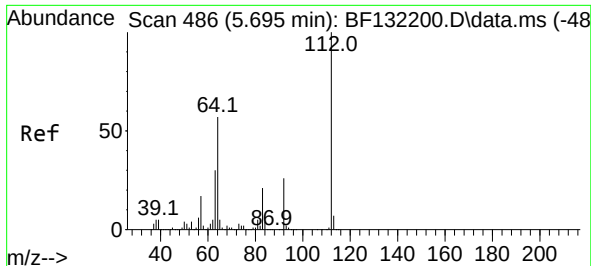


#4
n-Nitrosodimethylamine
Concen: 38.828 ng
RT: 3.743 min Scan# 154
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17



Tgt Ion: 42 Resp: 259790
Ion Ratio Lower Upper
42 100
74 181.6 135.3 202.9
44 6.9 5.1 7.7





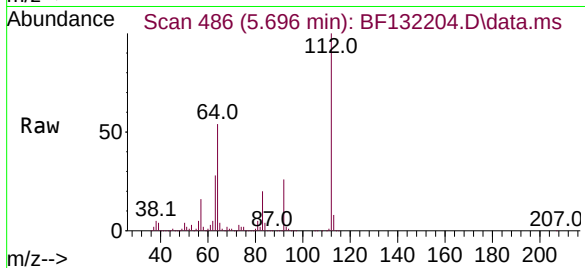
#5
2-Fluorophenol
Concen: 79.800 ng
RT: 5.696 min Scan# 486
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

Instrument :

BNA_F

ClientSampleId :

ICVBF012723

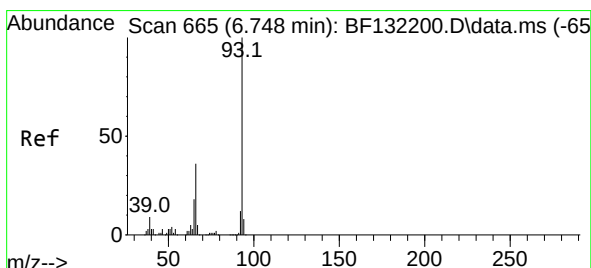
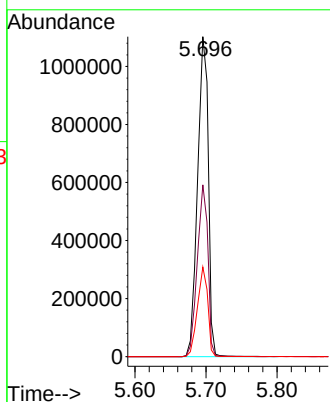
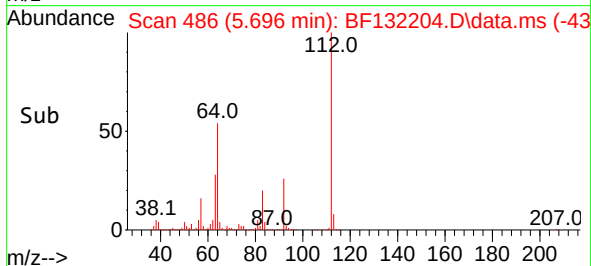


Tgt Ion: 112 Resp: 1154073
Ion Ratio Lower Upper
112 100
64 53.7 45.5 68.3
63 28.0 23.7 35.5

Manual Integrations

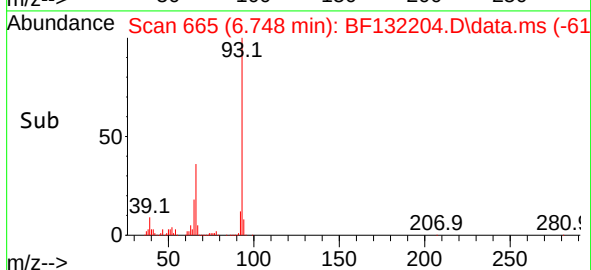
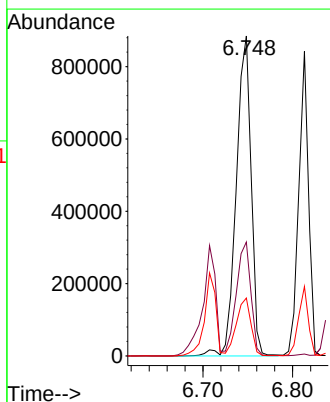
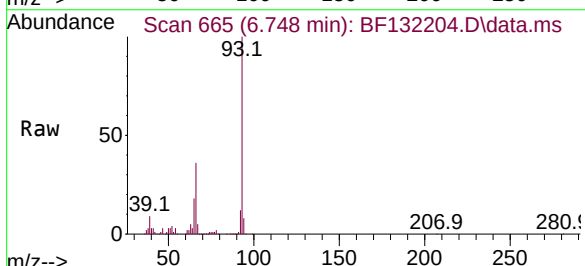
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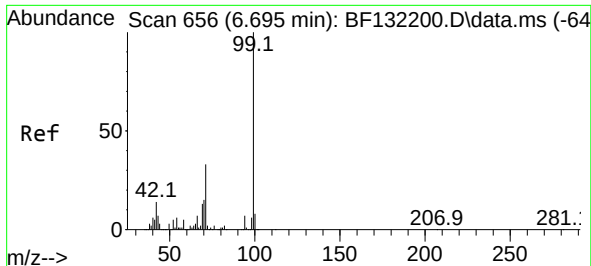
Reviewed By :Christian Giraldo 01/30/2023
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#6
Aniline
Concen: 40.270 ng
RT: 6.748 min Scan# 665
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

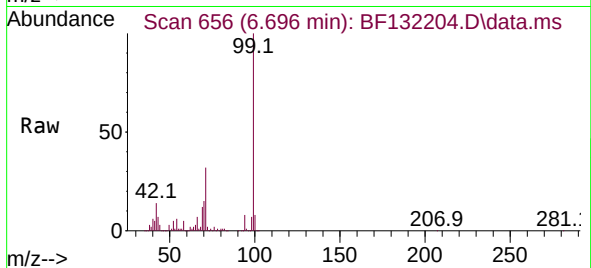
Tgt Ion: 93 Resp: 1022546
Ion Ratio Lower Upper
93 100
66 35.6 28.7 43.1
65 18.1 14.7 22.1





#7
Phenol-d6
Concen: 79.423 ng
RT: 6.696 min Scan# 656
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

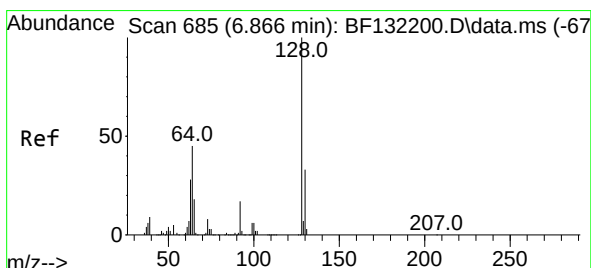
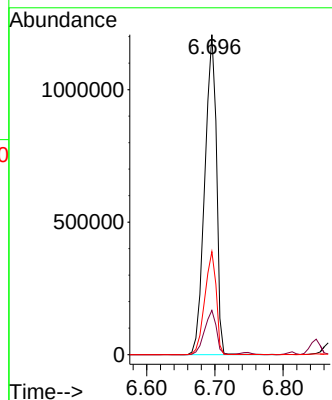
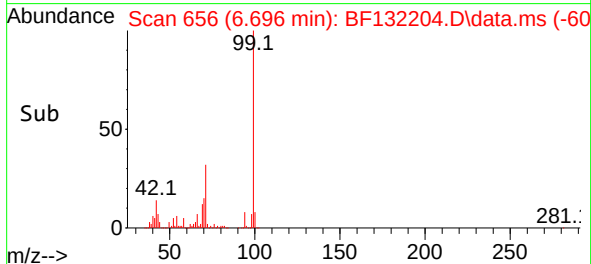
Instrument :
BNA_F
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ICVBF012723



Tgt Ion: 99 Resp: 1440217
Ion Ratio Lower Upper
99 100
42 13.8 11.3 16.9
71 32.2 26.3 39.5

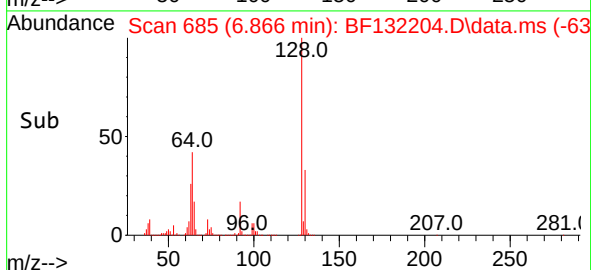
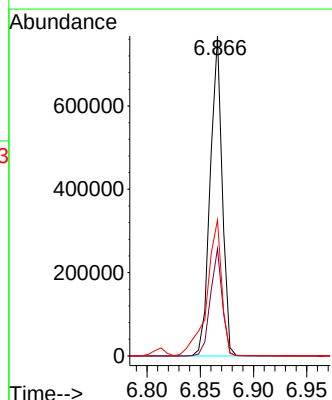
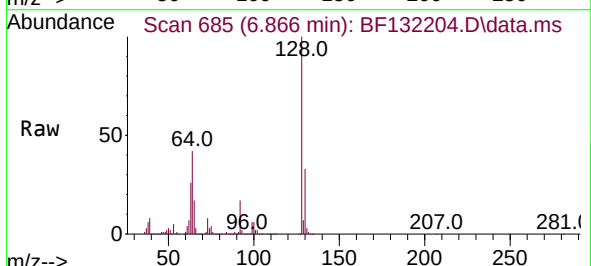
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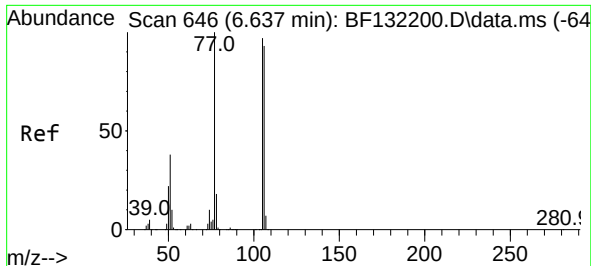
Reviewed By :Christian Giraldo 01/30/2023
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#8
2-Chlorophenol
Concen: 41.512 ng
RT: 6.866 min Scan# 685
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

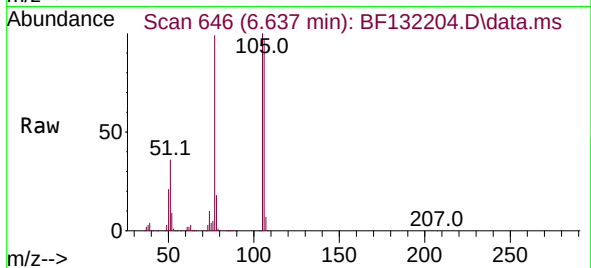
Tgt Ion:128 Resp: 601960
Ion Ratio Lower Upper
128 100
130 33.5 12.8 52.8
64 42.5 25.7 65.7





#9
Benzaldehyde
Concen: 37.311 ng
RT: 6.637 min Scan# 646
Delta R.T. -0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

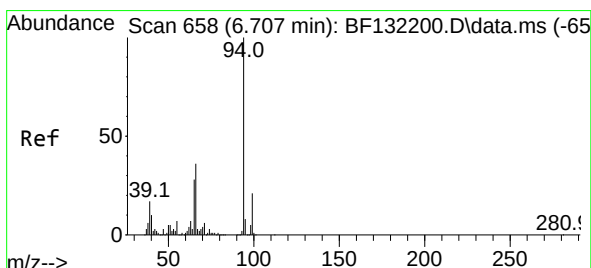
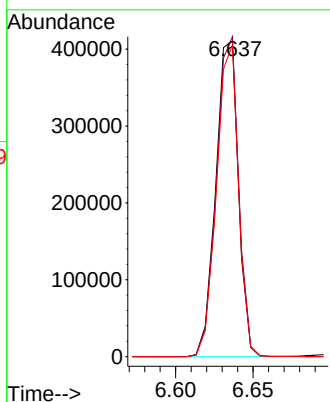
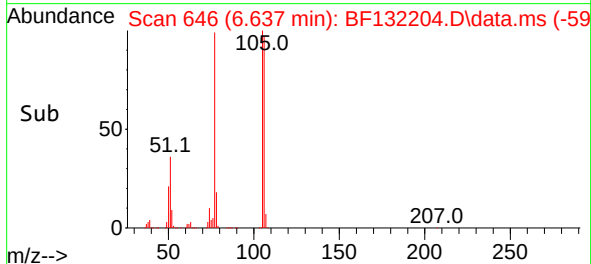
Instrument :
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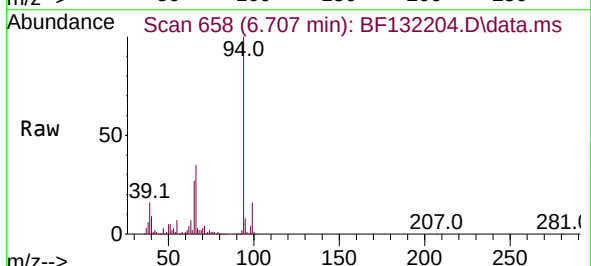
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Ion Ratio Lower Upper
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105 101.3 77.0 117.0
106 98.7 73.2 113.2

Manual Integrations
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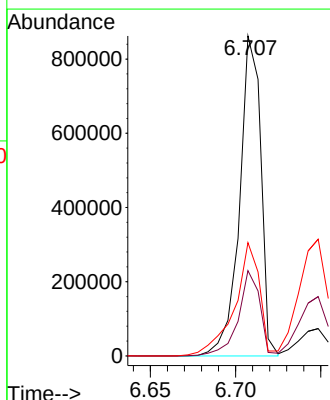
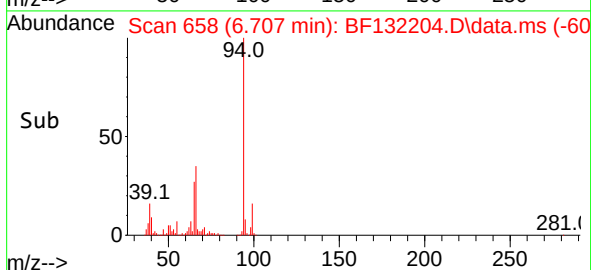
Reviewed By :Christian Giraldo 01/30/2023
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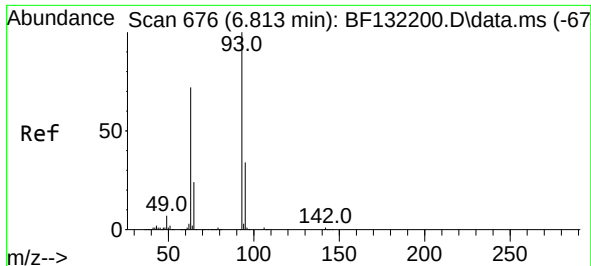


#10
Phenol
Concen: 39.610 ng
RT: 6.707 min Scan# 658
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17



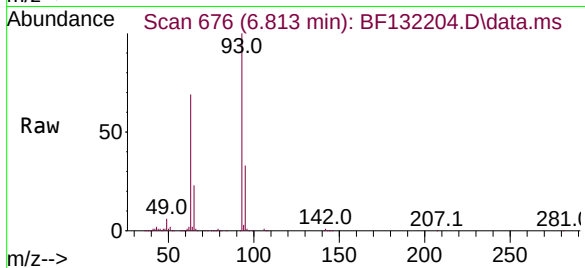
Tgt Ion: 94 Resp: 747733
Ion Ratio Lower Upper
94 100
65 26.6 7.6 47.6
66 35.4 16.3 56.3





#11
bis(2-Chloroethyl)ether
Concen: 39.153 ng
RT: 6.813 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

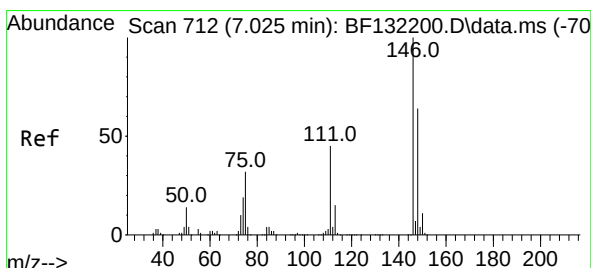
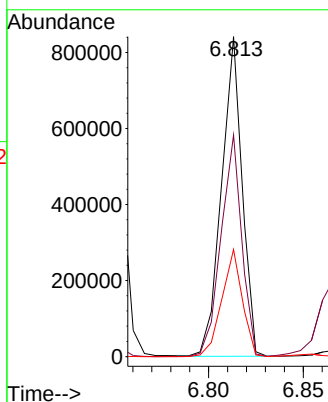
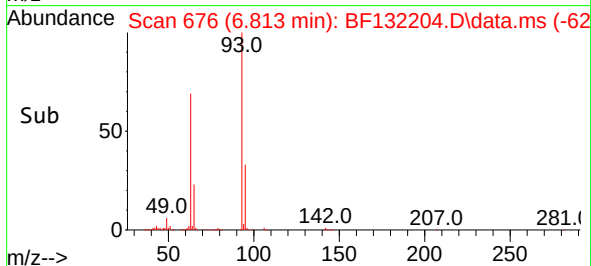
Instrument :
BNA_F
ClientSampleId :
ICVBF012723



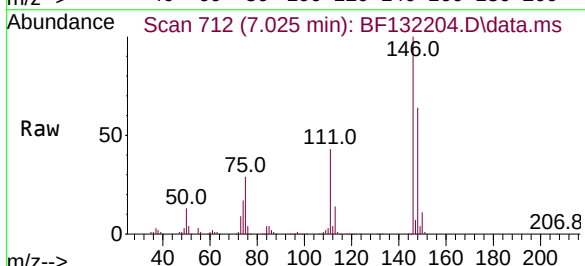
Tgt Ion: 93 Resp: 637569
Ion Ratio Lower Upper
93 100
63 69.3 52.2 92.2
95 33.5 13.8 53.8

Manual Integrations
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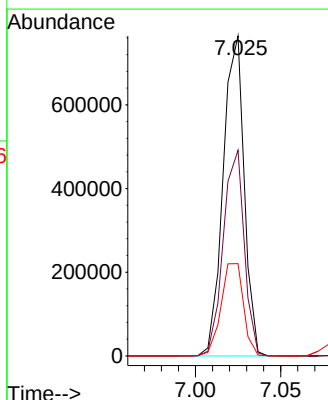
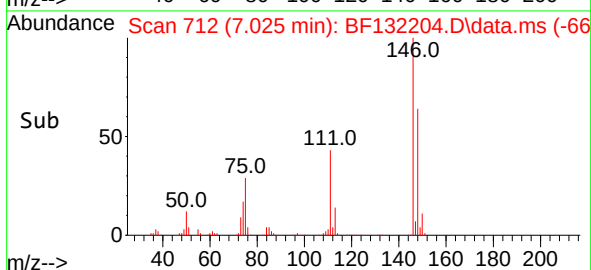
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

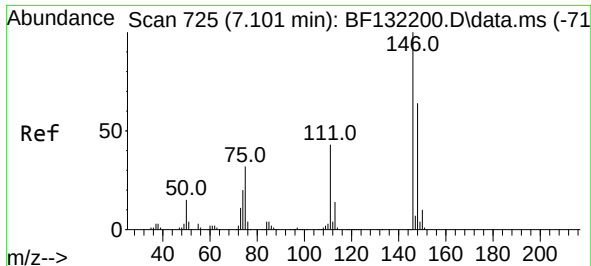


#12
1,3-Dichlorobenzene
Concen: 40.718 ng
RT: 7.025 min Scan# 712
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17



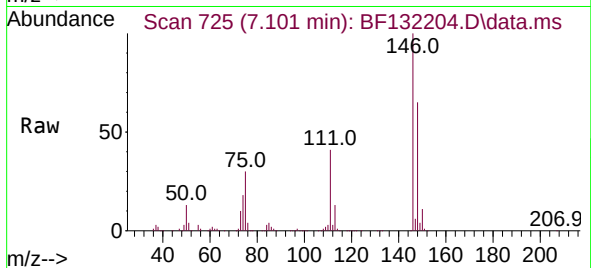
Tgt Ion:146 Resp: 656400
Ion Ratio Lower Upper
146 100
148 64.3 51.3 76.9
75 28.8 25.4 38.2





#13
1,4-Dichlorobenzene
Concen: 40.794 ng
RT: 7.101 min Scan# 725
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

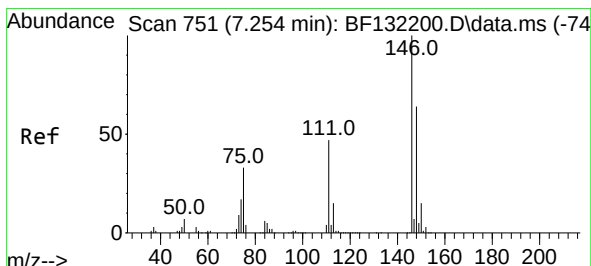
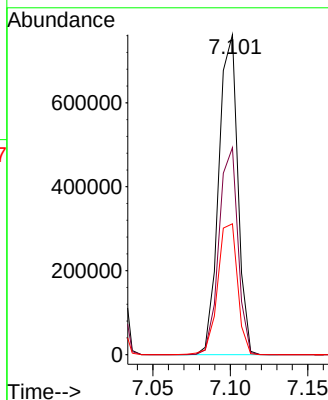
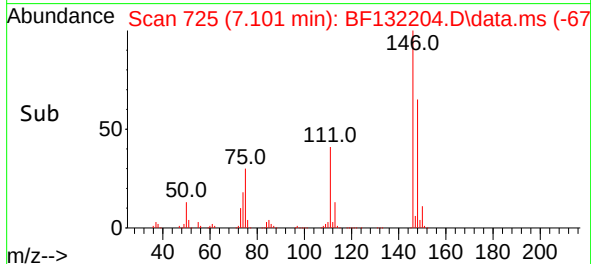
Instrument :
BNA_F
ClientSampleId :
ICVBF012723



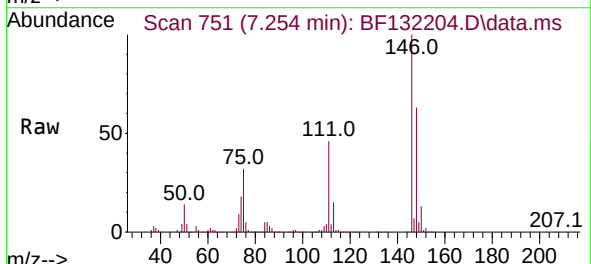
Tgt Ion:146 Resp: 655605
Ion Ratio Lower Upper
146 100
148 64.7 50.9 76.3
111 40.9 34.2 51.4

Manual Integrations
APPROVED

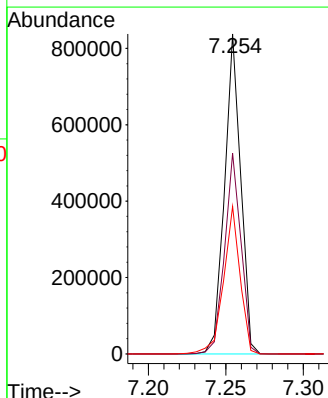
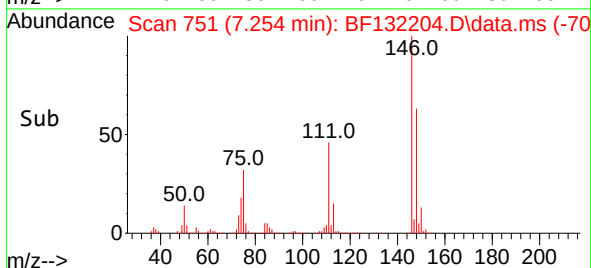
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

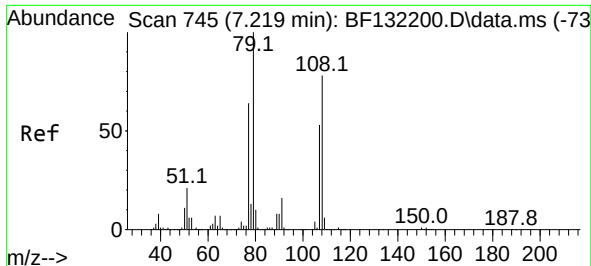


#14
1,2-Dichlorobenzene
Concen: 40.704 ng
RT: 7.254 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17



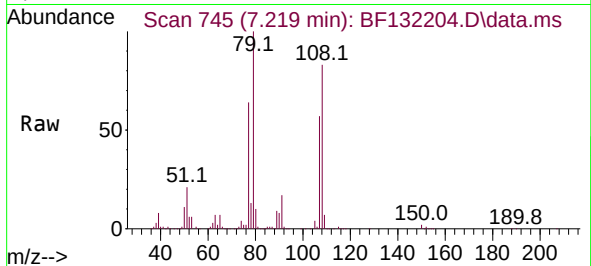
Tgt Ion:146 Resp: 607690
Ion Ratio Lower Upper
146 100
148 62.7 51.5 77.3
111 46.1 37.5 56.3





#15
Benzyl Alcohol
Concen: 41.299 ng
RT: 7.219 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

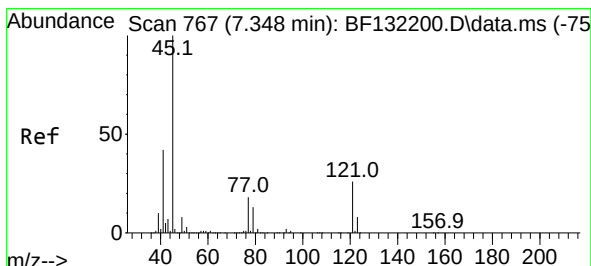
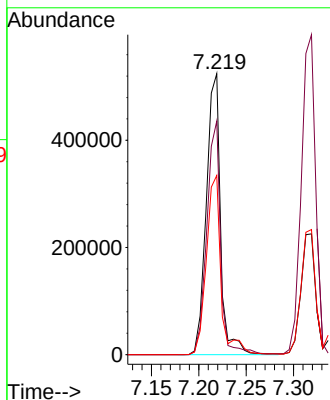
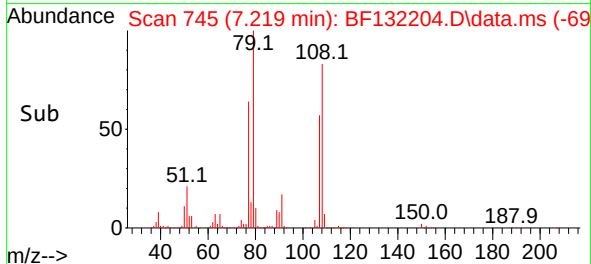
Instrument :
BNA_F
Client Sample Id :
ICVBF012723



Tgt Ion: 79 Resp: 550283
Ion Ratio Lower Upper
79 100
108 83.2 62.2 93.4
77 63.8 51.5 77.3

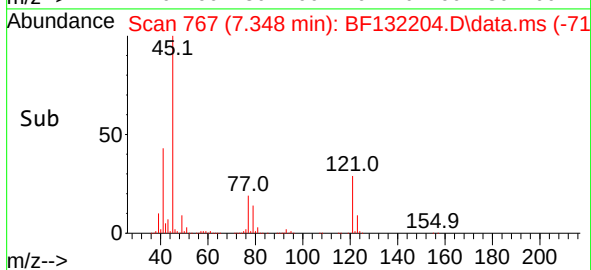
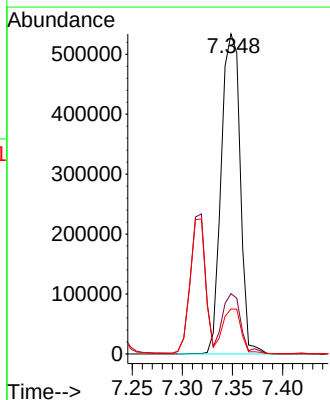
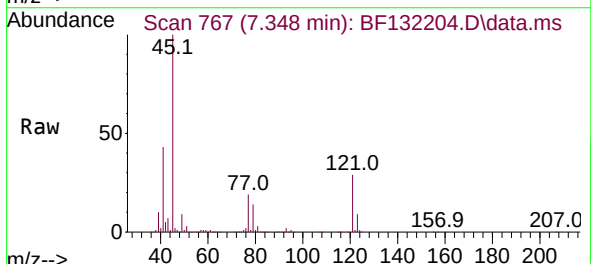
Manual Integrations
APPROVED

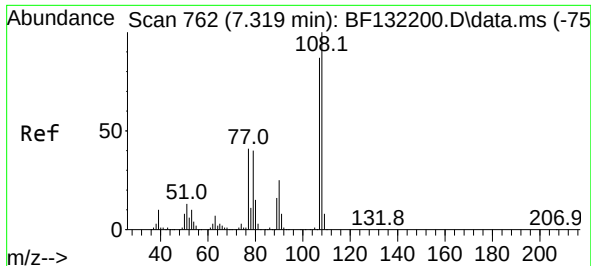
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.975 ng
RT: 7.348 min Scan# 767
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

Tgt Ion: 45 Resp: 702231
Ion Ratio Lower Upper
45 100
77 18.8 0.0 38.0
79 14.0 0.0 32.9





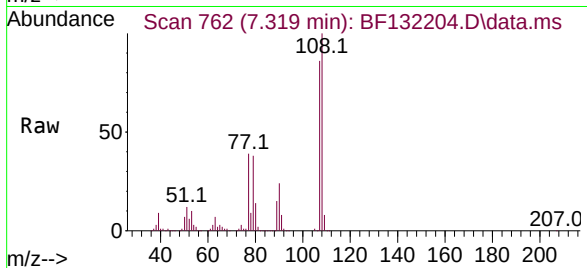
#17
2-Methylphenol
Concen: 40.833 ng
RT: 7.319 min Scan# 762
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

Instrument :

BNA_F

Client SampleId :

ICVBF012723

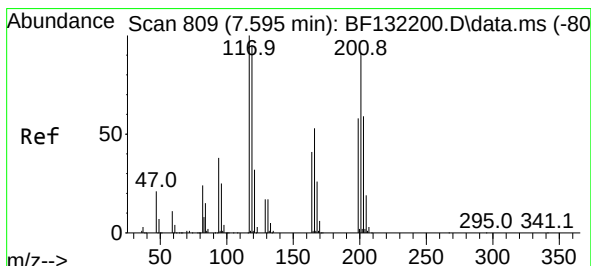
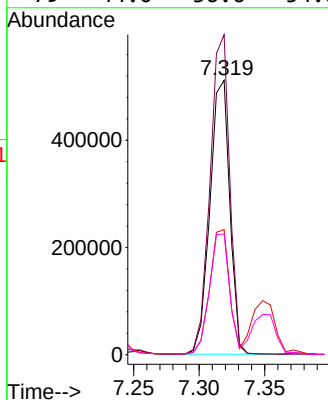
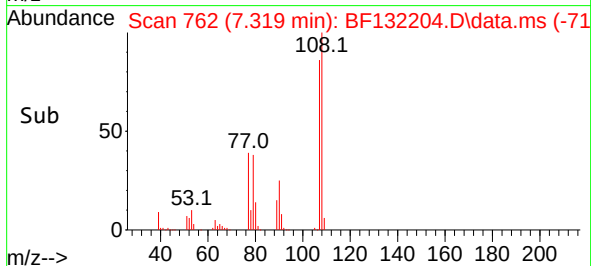


Tgt Ion:107 Resp: 538374
Ion Ratio Lower Upper
107 100
108 116.6 92.2 138.4
77 45.6 37.5 56.3
79 44.0 36.6 54.8

Manual Integrations

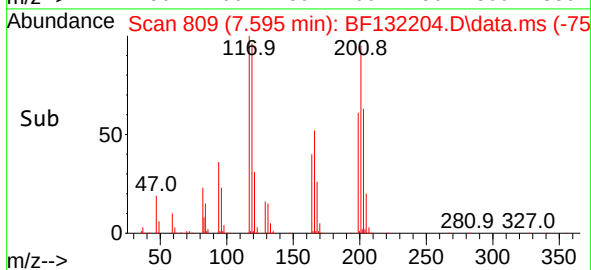
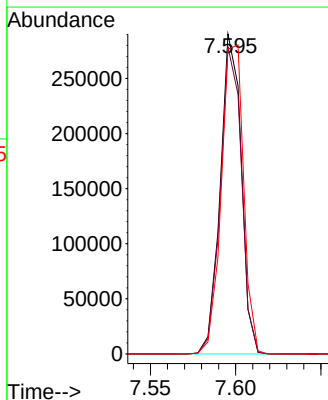
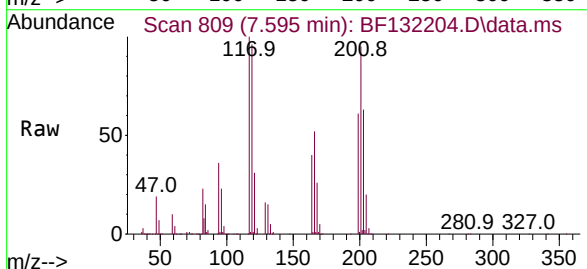
APPROVED

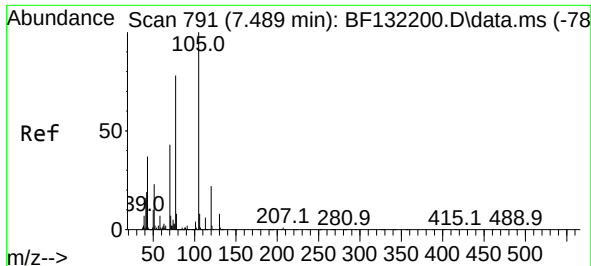
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#18
Hexachloroethane
Concen: 41.939 ng
RT: 7.595 min Scan# 809
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

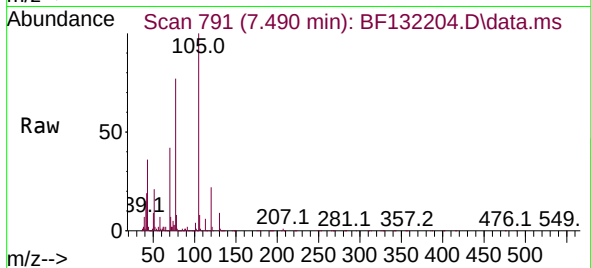
Tgt Ion:117 Resp: 247667
Ion Ratio Lower Upper
117 100
119 95.9 76.0 114.0
201 95.2 72.9 109.3





#19
n-Nitroso-di-n-propylamine
Concen: 38.113 ng
RT: 7.490 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

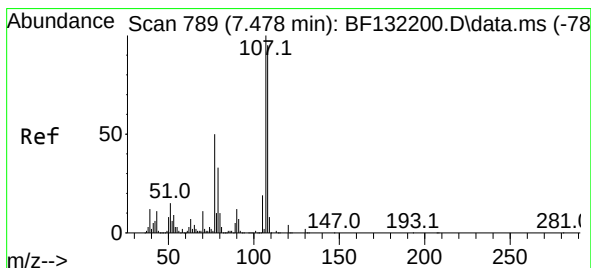
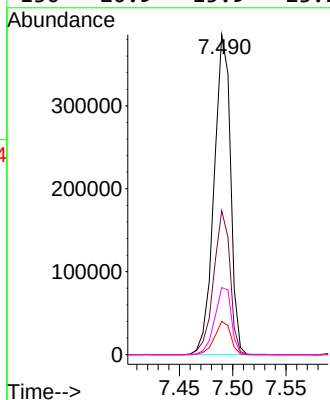
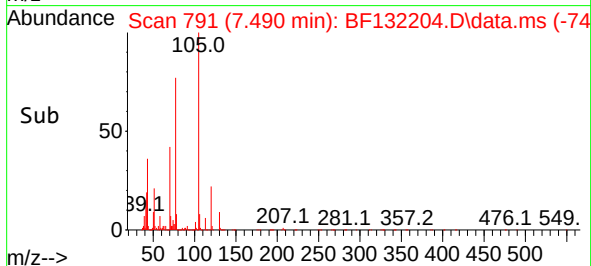
Instrument :
BNA_F
ClientSampleId :
ICVBF012723



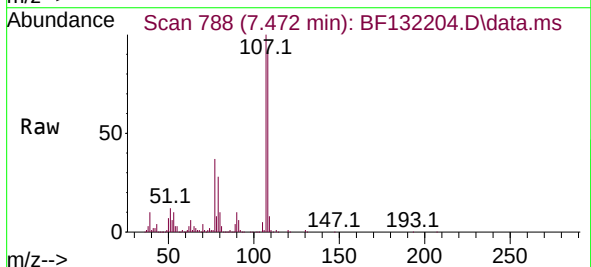
Tgt Ion: 70 Resp: 415970
Ion Ratio Lower Upper
70 100
42 45.0 36.2 54.4
101 10.4 7.9 11.9
130 20.9 15.9 23.9

Manual Integrations
APPROVED

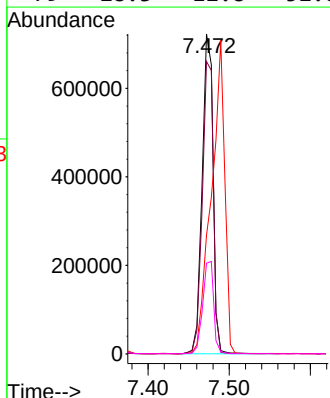
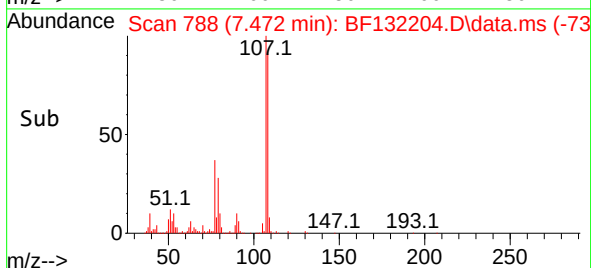
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

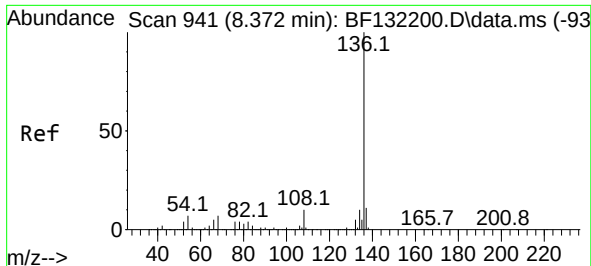


#20
3+4-Methylphenols
Concen: 40.867 ng
RT: 7.472 min Scan# 788
Delta R.T. -0.006 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17



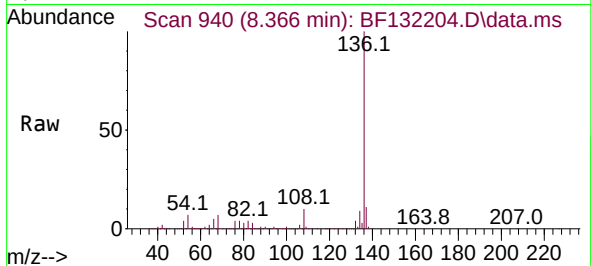
Tgt Ion:107 Resp: 677197
Ion Ratio Lower Upper
107 100
108 91.4 75.1 115.1
77 37.1 29.6 69.6
79 28.3 12.8 52.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.366 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

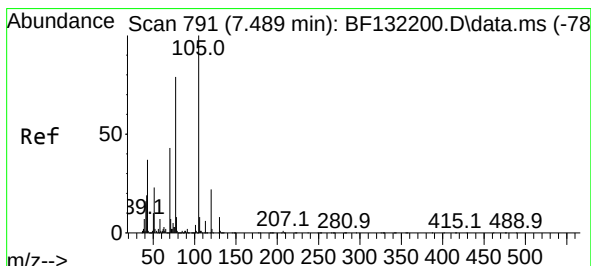
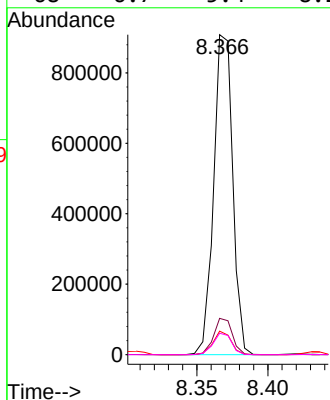
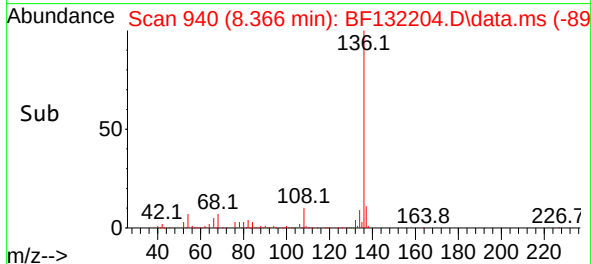
Instrument :
BNA_F
ClientSampleId :
ICVBF012723



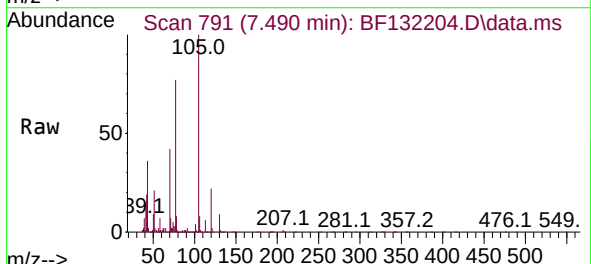
Tgt Ion:136 Resp: 849854
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 7.3 5.4 8.2
68 6.7 5.4 8.2

Manual Integrations
APPROVED

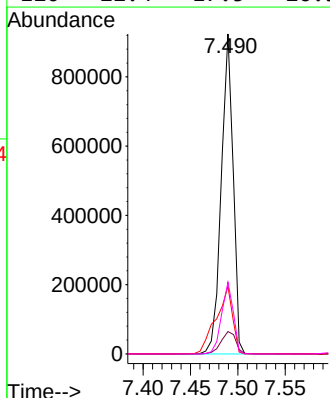
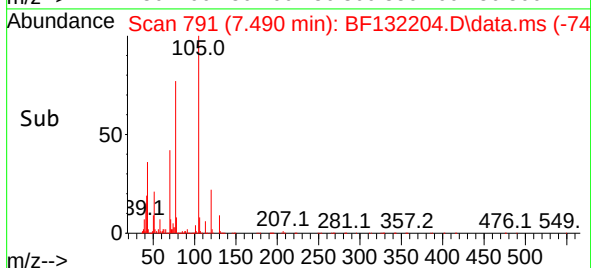
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

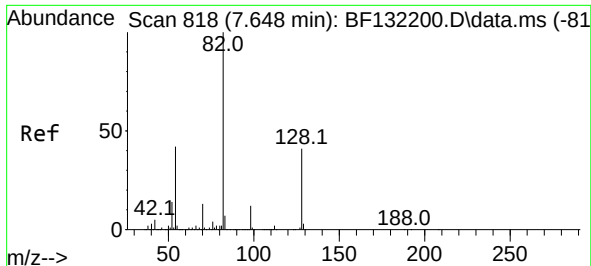


#22
Acetophenone
Concen: 38.606 ng
RT: 7.490 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17



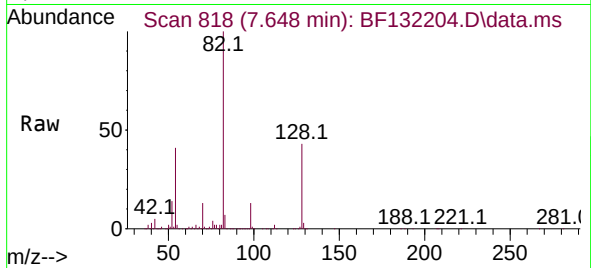
Tgt Ion:105 Resp: 802207
Ion Ratio Lower Upper
105 100
71 7.0 5.7 8.5
51 21.1 18.1 27.1
120 22.4 17.5 26.3





#23
Nitrobenzene-d5
Concen: 79.030 ng
RT: 7.648 min Scan# 818
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

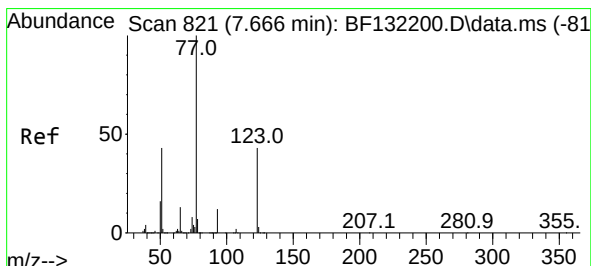
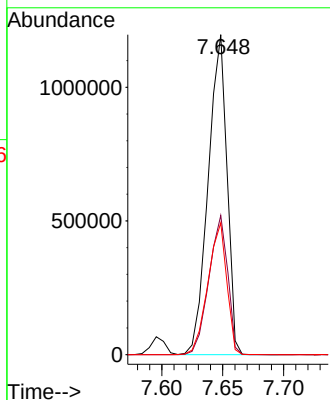
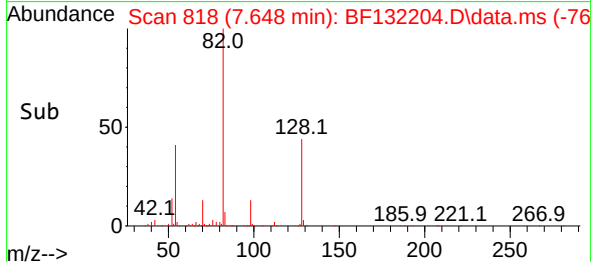
Instrument :
BNA_F
ClientSampleId :
ICVBF012723



Tgt Ion: 82 Resp: 1282905
Ion Ratio Lower Upper
82 100
128 43.5 32.7 49.1
54 41.2 33.3 49.9

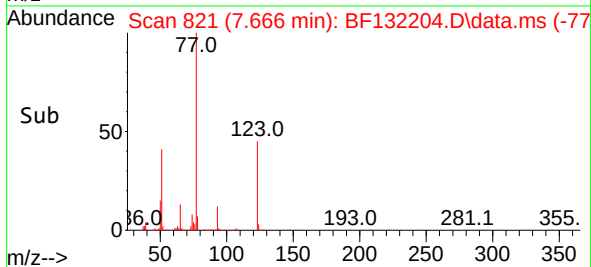
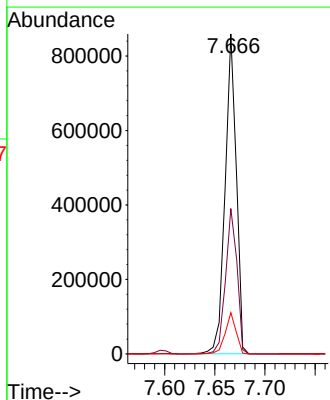
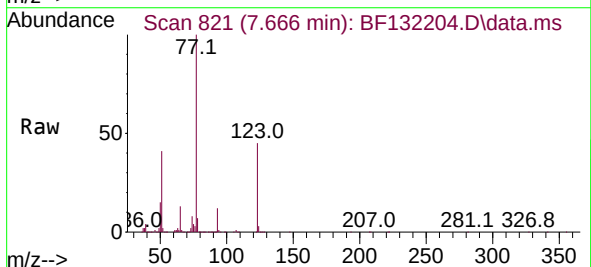
Manual Integrations
APPROVED

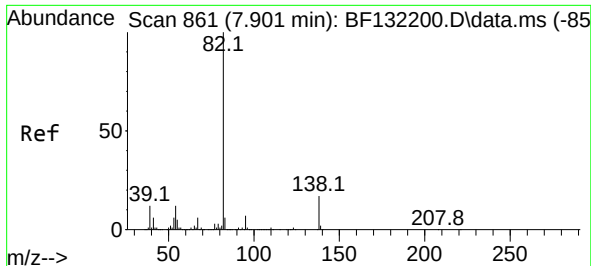
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#24
Nitrobenzene
Concen: 39.959 ng
RT: 7.666 min Scan# 821
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

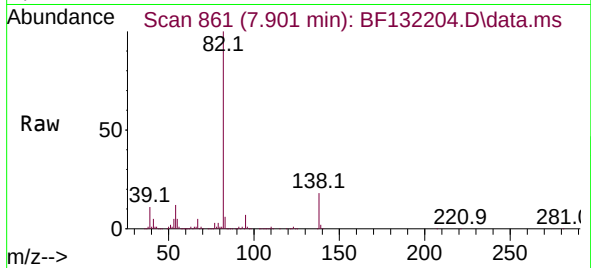
Tgt Ion: 77 Resp: 670635
Ion Ratio Lower Upper
77 100
123 45.4 34.8 52.2
65 12.9 10.5 15.7





#25
Isophorone
Concen: 39.387 ng
RT: 7.901 min Scan# 861
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

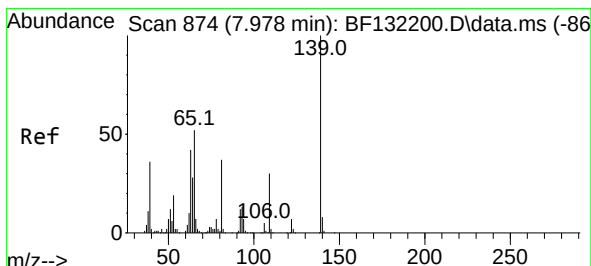
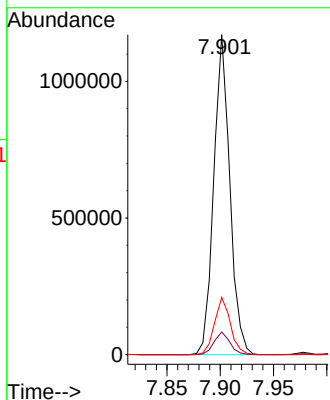
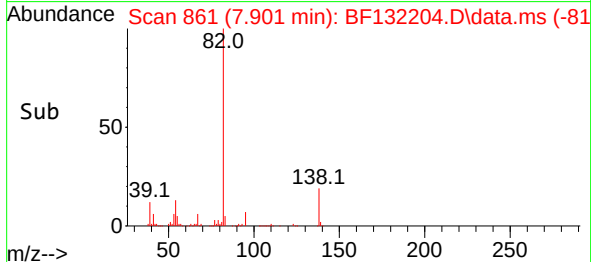
Instrument :
BNA_F
ClientSampleId :
ICVBF012723



Tgt Ion: 82 Resp: 1229615
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 17.9 13.4 20.0

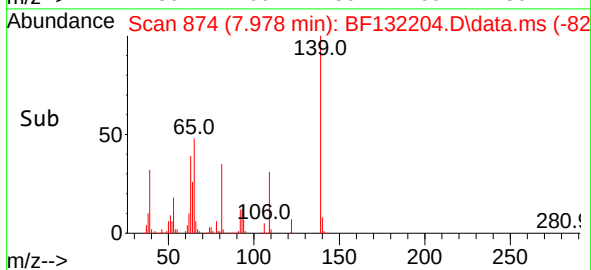
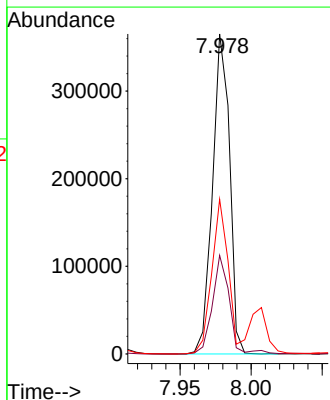
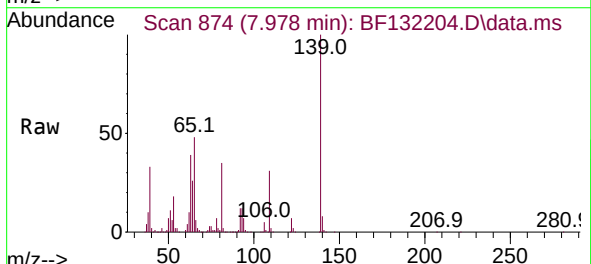
Manual Integrations
APPROVED

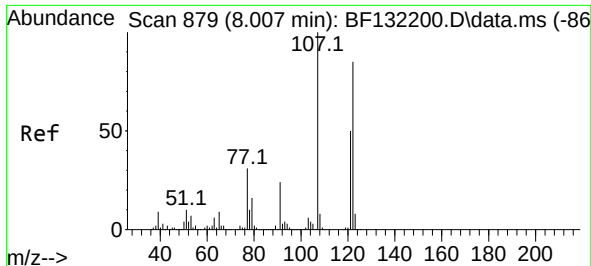
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#26
2-Nitrophenol
Concen: 44.886 ng
RT: 7.978 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

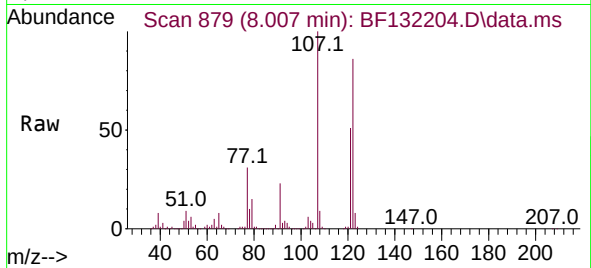
Tgt Ion:139 Resp: 304955
Ion Ratio Lower Upper
139 100
109 30.8 24.2 36.4
65 48.4 41.6 62.4





#27
2,4-Dimethylphenol
Concen: 42.227 ng
RT: 8.007 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

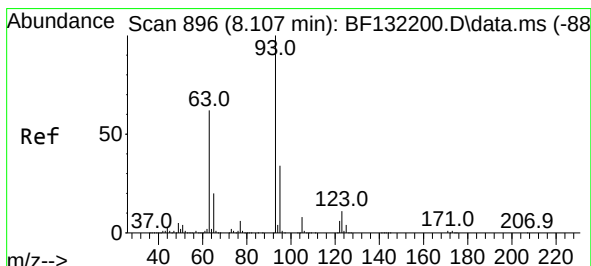
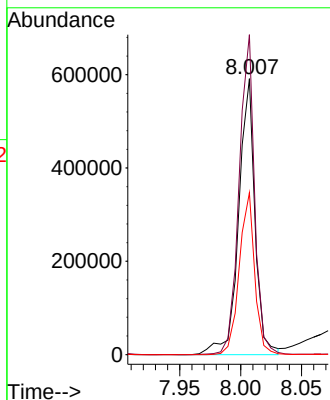
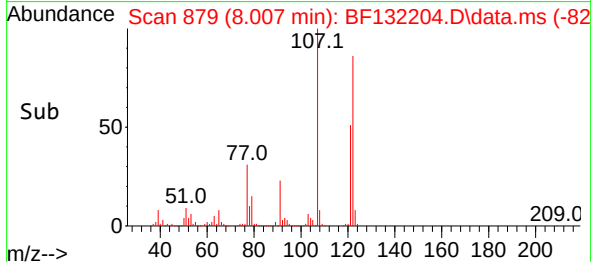
Instrument :
BNA_F
ClientSampleId :
ICVBF012723



Tgt Ion:122 Resp: 551274
Ion Ratio Lower Upper
122 100
107 116.0 94.1 141.1
121 58.6 46.6 70.0

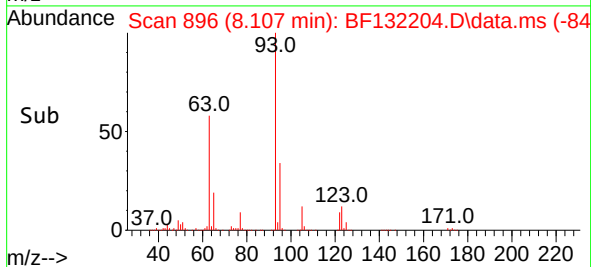
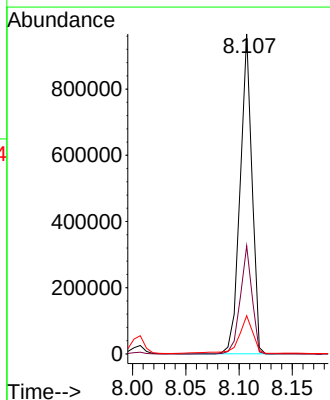
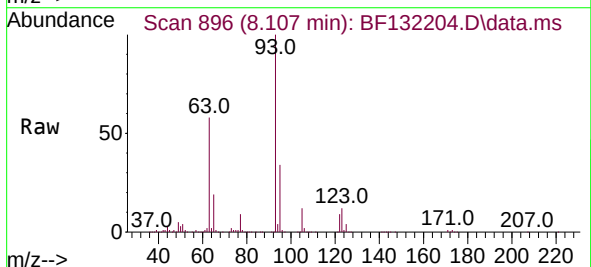
Manual Integrations
APPROVED

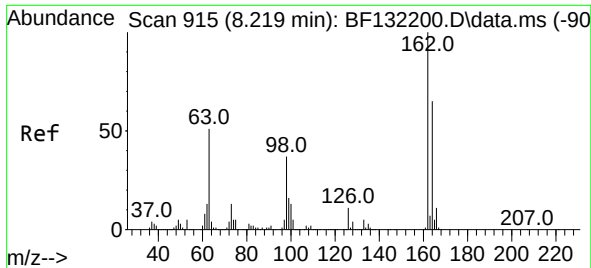
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#28
bis(2-Chloroethoxy)methane
Concen: 38.697 ng
RT: 8.107 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

Tgt Ion: 93 Resp: 743776
Ion Ratio Lower Upper
93 100
95 33.8 27.0 40.4
123 11.9 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 41.957 ng

RT: 8.219 min Scan# 915

Delta R.T. 0.000 min

Lab File: BF132204.D

Acq: 27 Jan 2023 18:17

Instrument :

BNA_F

ClientSampleId :

ICVBF012723

Tgt Ion:162 Resp: 511450

Ion Ratio Lower Upper

162 100

164 65.3 44.6 84.6

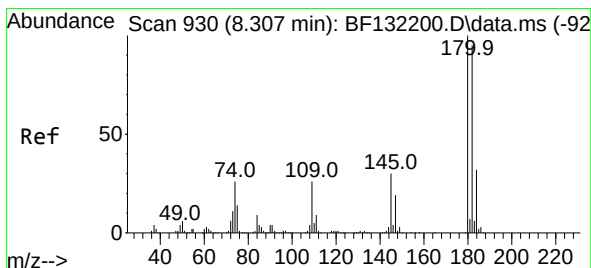
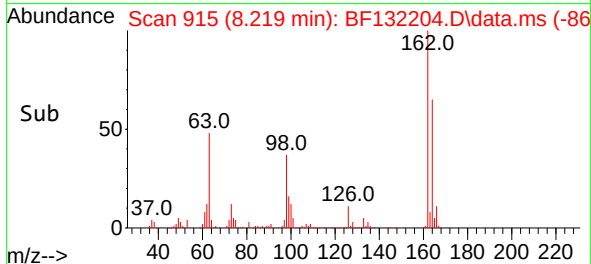
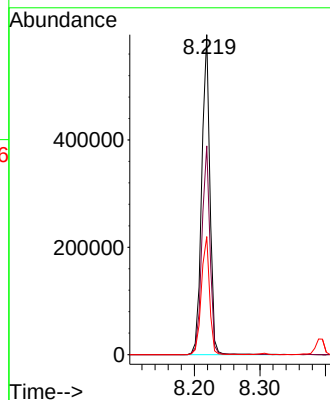
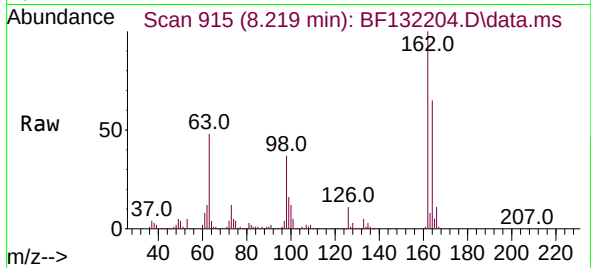
98 36.9 17.3 57.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/30/2023

Supervised By :Jagrut Upadhyay 01/30/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.941 ng

RT: 8.307 min Scan# 930

Delta R.T. 0.000 min

Lab File: BF132204.D

Acq: 27 Jan 2023 18:17

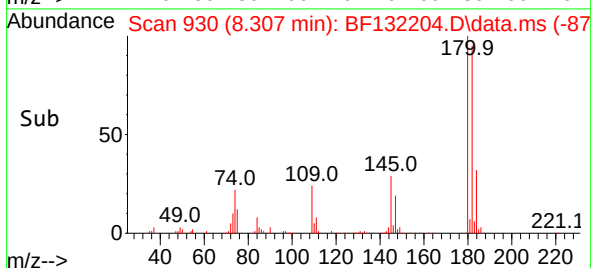
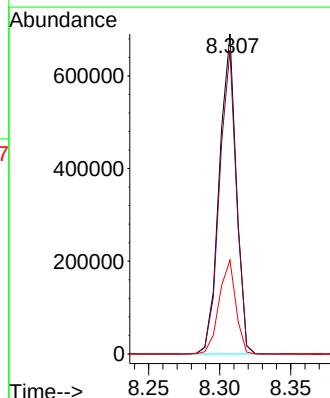
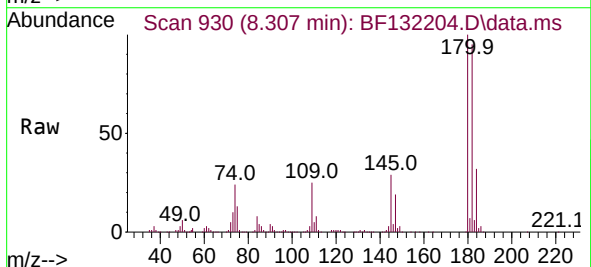
Tgt Ion:180 Resp: 573335

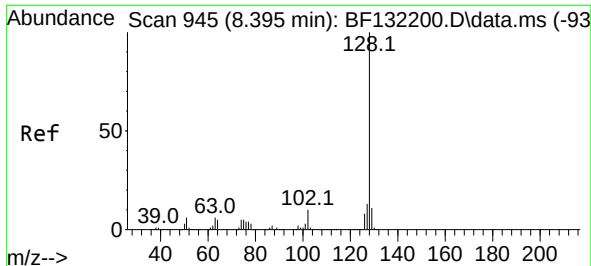
Ion Ratio Lower Upper

180 100

182 94.9 75.7 113.5

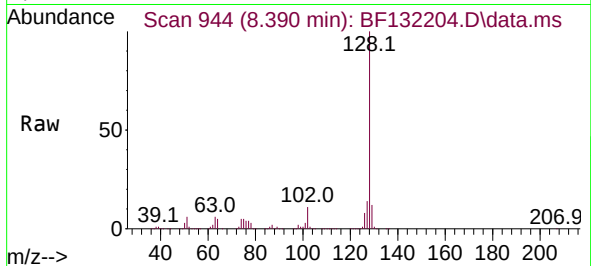
145 29.3 23.9 35.9





#31
Naphthalene
Concen: 39.826 ng
RT: 8.390 min Scan# 945
Delta R.T. -0.006 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

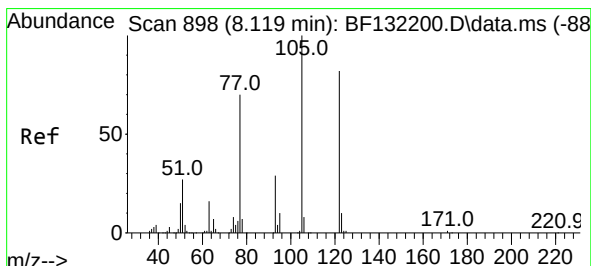
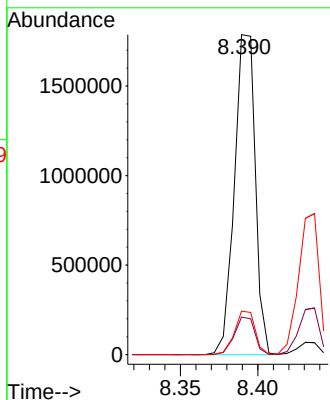
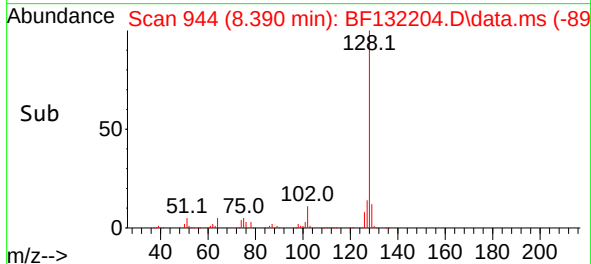
Instrument :
BNA_F
ClientSampleId :
ICVBF012723



Tgt Ion:128 Resp: 1674665
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.6 10.6 16.0

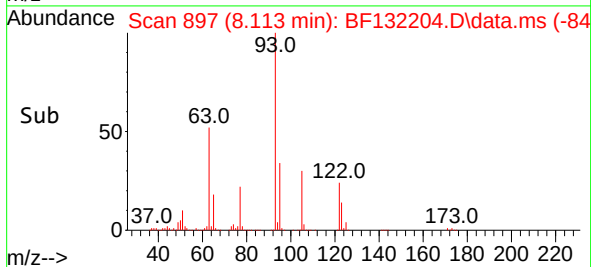
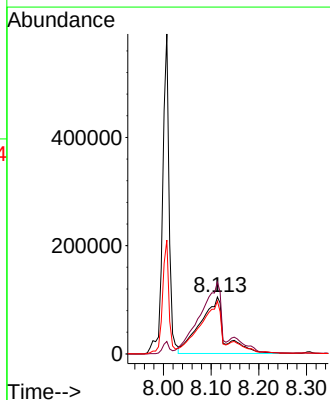
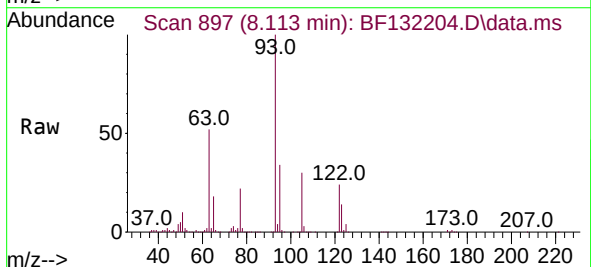
Manual Integrations
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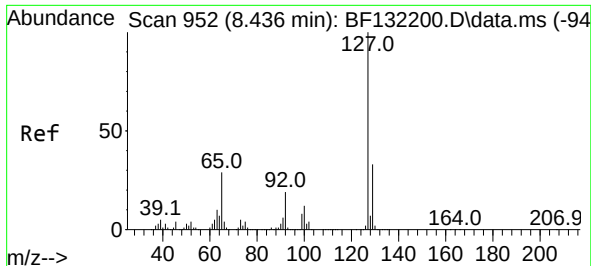
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#32
Benzoic acid
Concen: 43.776 ng m
RT: 8.113 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

Tgt Ion:122 Resp: 376475
Ion Ratio Lower Upper
122 100
105 126.3 101.5 141.5
77 93.0 66.5 106.5





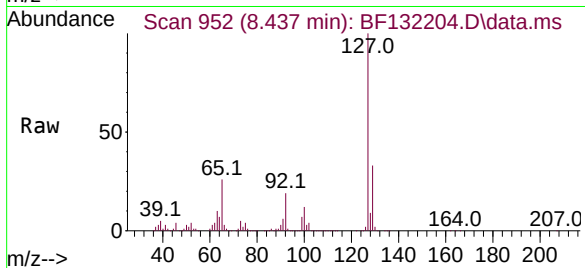
#33
4-Chloroaniline
Concen: 40.603 ng
RT: 8.437 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

Instrument :

BNA_F

ClientSampleId :

ICVBF012723

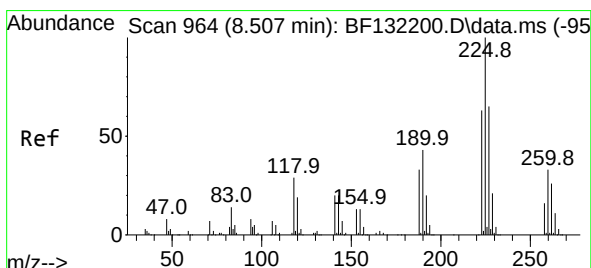
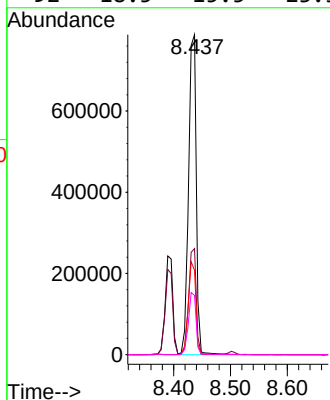
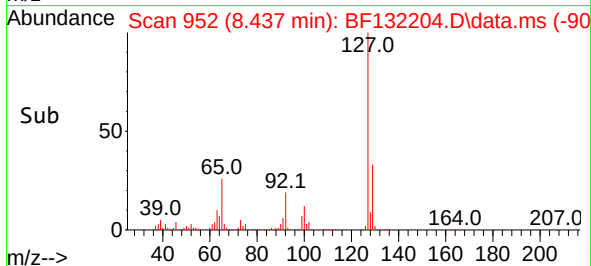


Tgt Ion:127 Resp: 740160
Ion Ratio Lower Upper
127 100
129 33.1 26.6 39.8
65 26.4 22.9 34.3
92 18.5 15.5 23.3

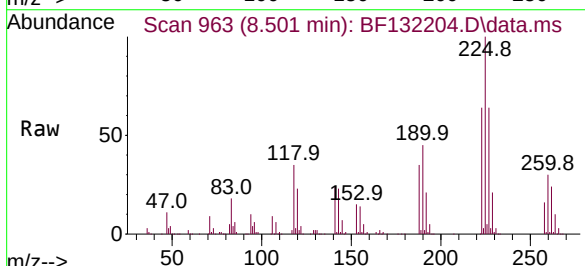
Manual Integrations

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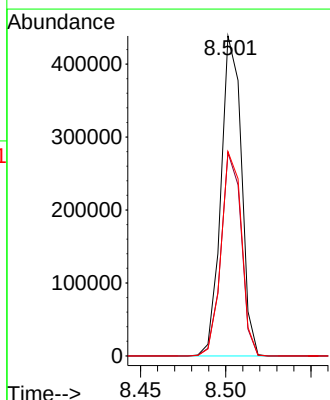
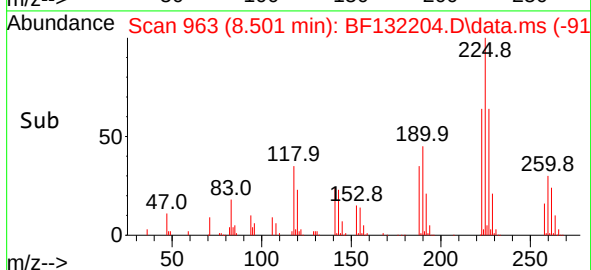
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

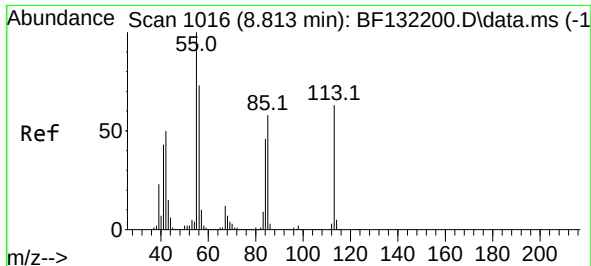


#34
Hexachlorobutadiene
Concen: 41.788 ng
RT: 8.501 min Scan# 963
Delta R.T. -0.006 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17



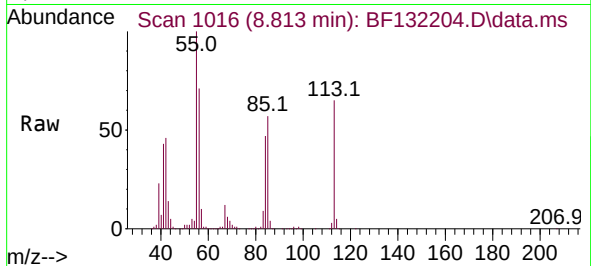
Tgt Ion:225 Resp: 365554
Ion Ratio Lower Upper
225 100
223 63.5 50.2 75.2
227 63.8 52.1 78.1





#35
Caprolactam
Concen: 45.423 ng
RT: 8.813 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

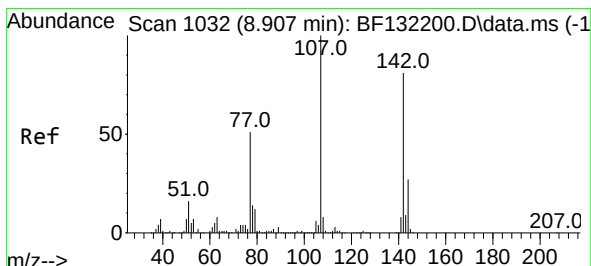
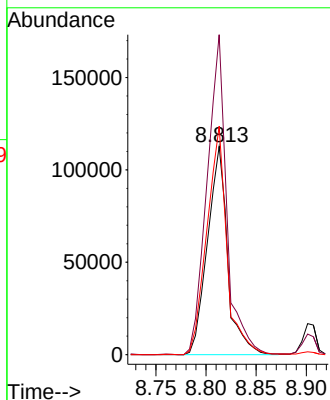
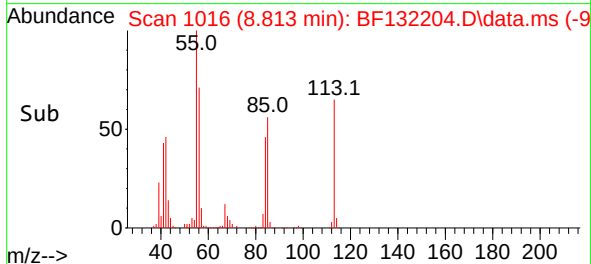
Instrument :
BNA_F
ClientSampleId :
ICVBF012723



Tgt Ion:113 Resp: 156775
Ion Ratio Lower Upper
113 100
55 153.6 138.7 178.7
56 109.7 96.5 136.5

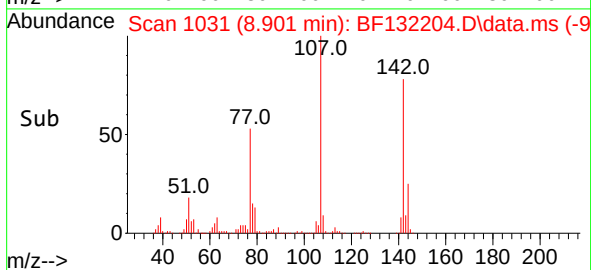
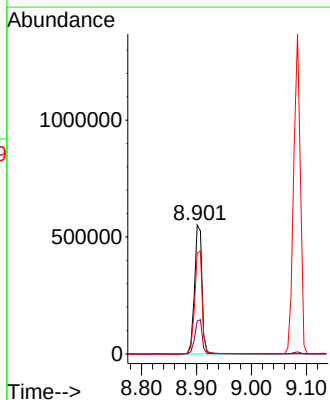
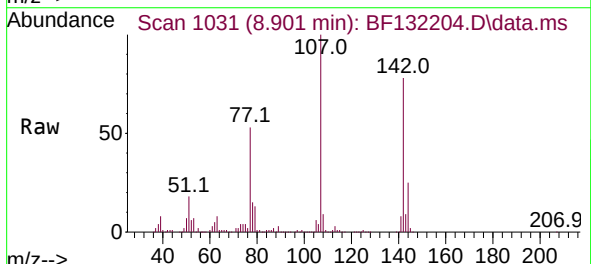
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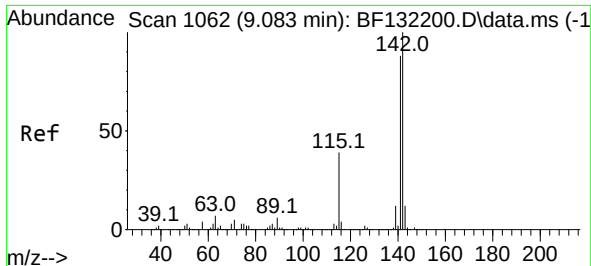
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#36
4-Chloro-3-methylphenol
Concen: 41.852 ng
RT: 8.901 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

Tgt Ion:107 Resp: 522441
Ion Ratio Lower Upper
107 100
144 25.3 21.6 32.4
142 78.1 64.8 97.2





#37

2-Methylnaphthalene

Concen: 39.936 ng

RT: 9.084 min Scan# 1062

Delta R.T. 0.000 min

Lab File: BF132204.D

Acq: 27 Jan 2023 18:17

Instrument :

BNA_F

ClientSampleId :

ICVBF012723

Tgt Ion:142 Resp: 1152208

Ion Ratio Lower Upper

142 100

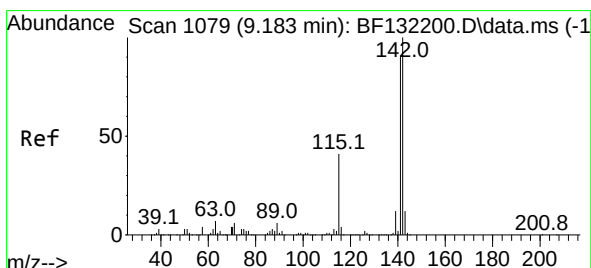
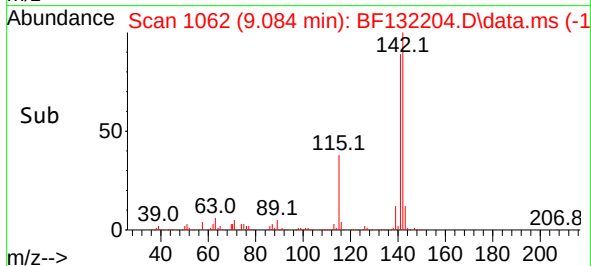
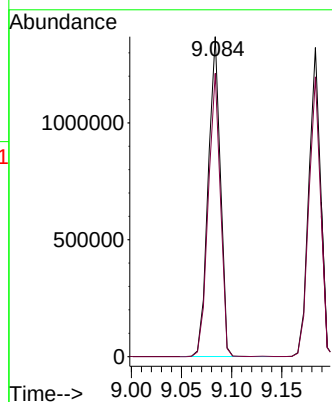
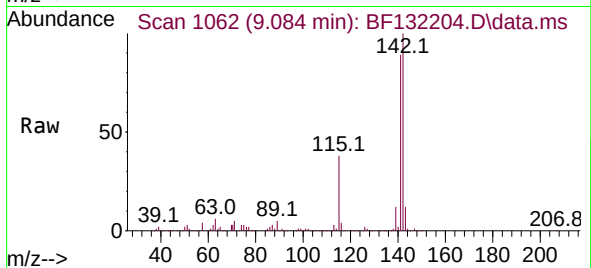
141 88.5 70.0 105.0

Manual Integrations

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Reviewed By :Christian Giraldo 01/30/2023

Supervised By :Jagrut Upadhyay 01/30/2023



#38

1-Methylnaphthalene

Concen: 40.065 ng

RT: 9.184 min Scan# 1079

Delta R.T. 0.000 min

Lab File: BF132204.D

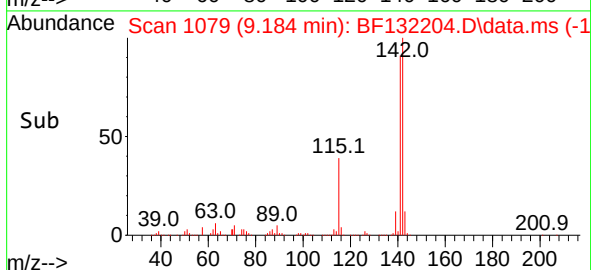
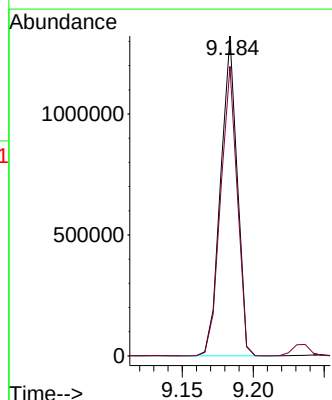
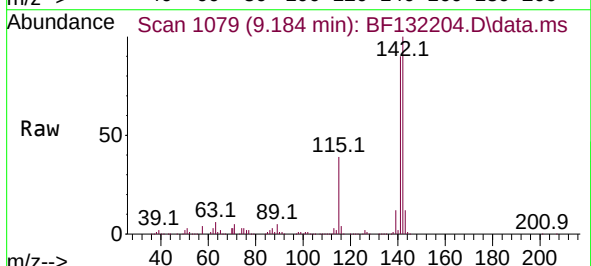
Acq: 27 Jan 2023 18:17

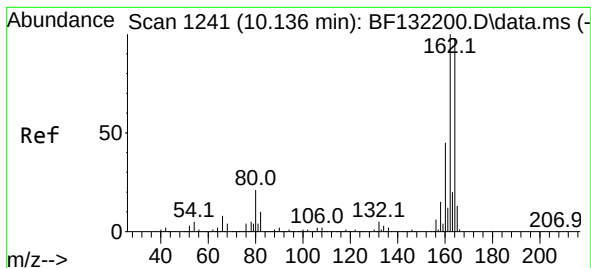
Tgt Ion:142 Resp: 1072289

Ion Ratio Lower Upper

142 100

141 90.5 73.0 109.4





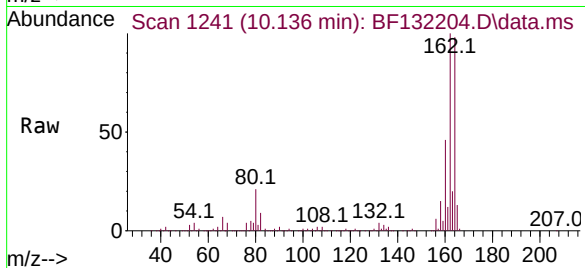
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.136 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

Instrument :

BNA_F

ClientSampleId :

ICVBF012723

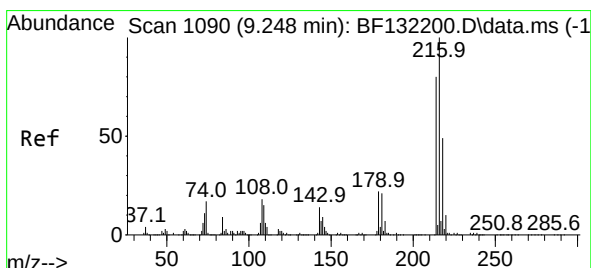
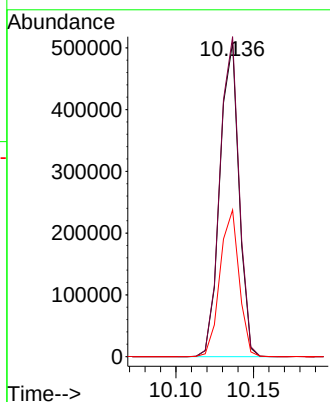
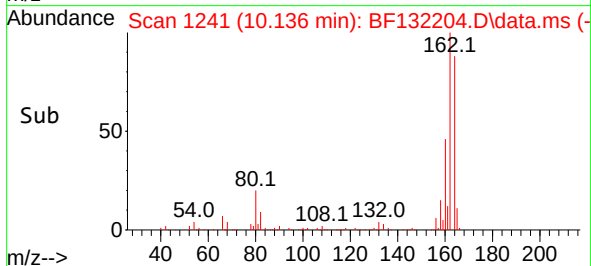


Tgt Ion:164 Resp: 435802
Ion Ratio Lower Upper
164 100
162 101.9 81.5 122.3
160 46.7 37.0 55.4

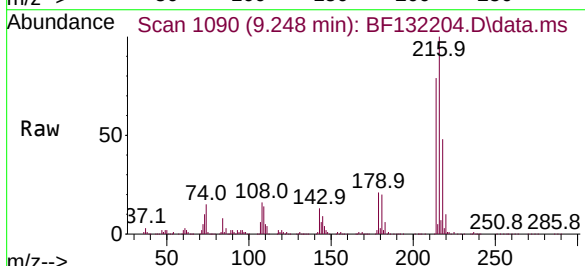
Manual Integrations

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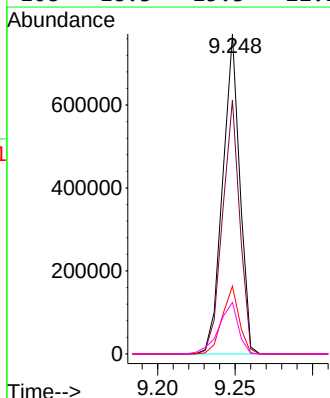
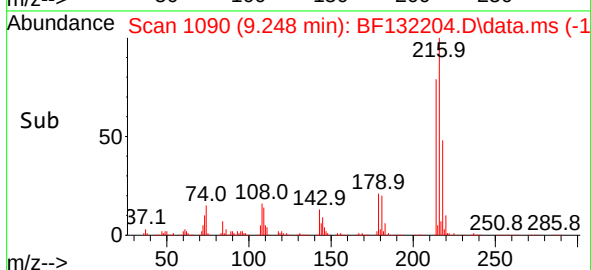
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

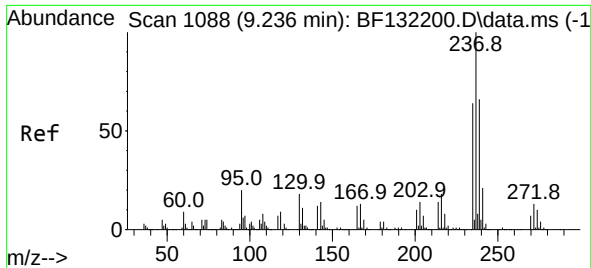


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.538 ng
RT: 9.248 min Scan# 1090
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17



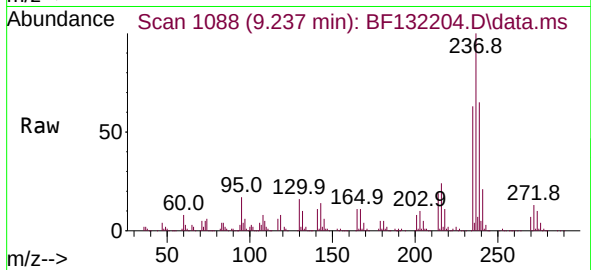
Tgt Ion:216 Resp: 592889
Ion Ratio Lower Upper
216 100
214 79.3 63.4 95.2
179 20.7 16.8 25.2
108 18.3 15.3 22.9





#41
Hexachlorocyclopentadiene
Concen: 46.215 ng
RT: 9.237 min Scan# 1088
Delta R.T. 0.001 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

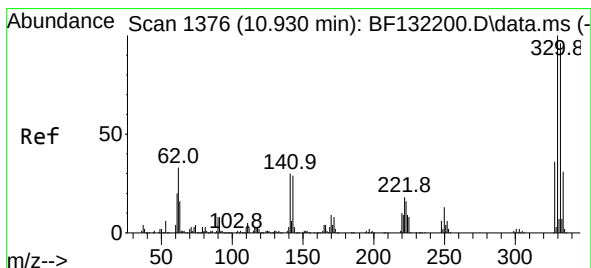
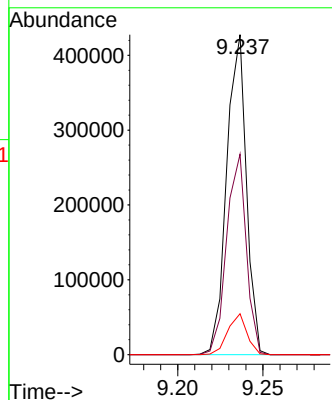
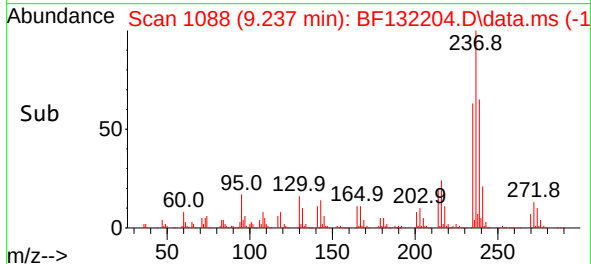
Instrument :
BNA_F
ClientSampleId :
ICVBF012723



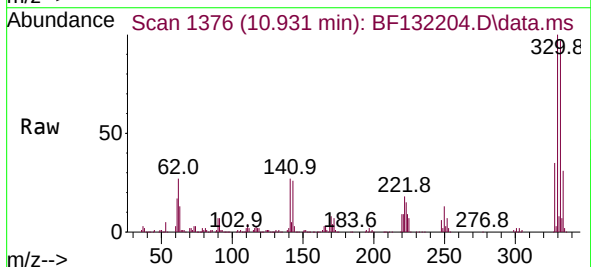
Tgt Ion: 237 Resp: 343321
Ion Ratio Lower Upper
237 100
235 62.7 43.9 83.9
272 12.8 0.0 32.6

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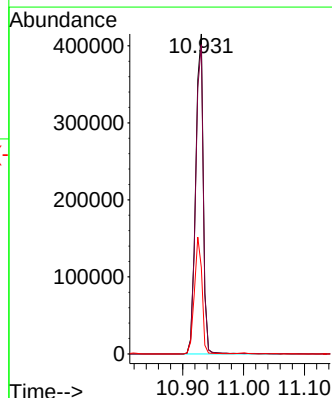
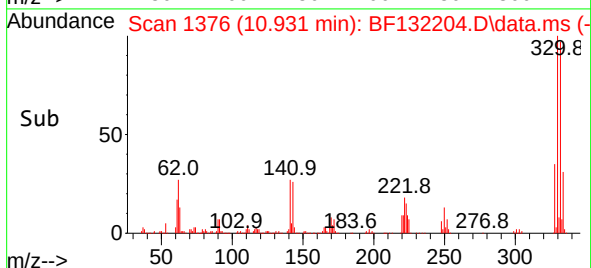
Reviewed By : Christian Giraldo 01/30/2023
Supervised By : Jagrut Upadhyay 01/30/2023

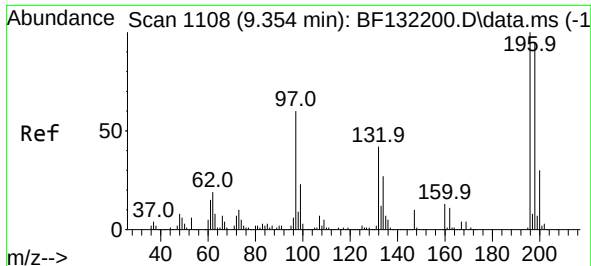


#42
2,4,6-Tribromophenol
Concen: 89.242 ng
RT: 10.931 min Scan# 1376
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17



Tgt Ion: 330 Resp: 360134
Ion Ratio Lower Upper
330 100
332 96.6 75.7 113.5
141 36.4 30.7 46.1





#43

2,4,6-Trichlorophenol

Concen: 43.565 ng

RT: 9.354 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF132204.D

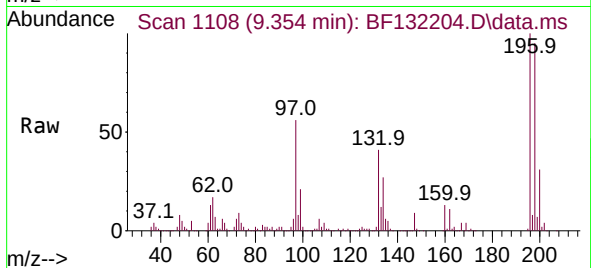
Acq: 27 Jan 2023 18:17

Instrument :

BNA_F

ClientSampleId :

ICVBF012723



Tgt Ion:196 Resp: 388772

Ion Ratio Lower Upper

196 100

198 95.2 76.2 114.2

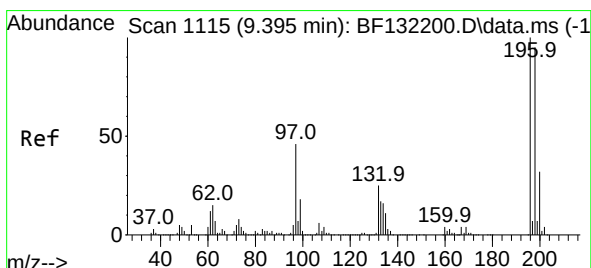
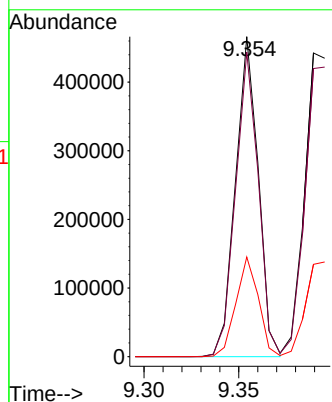
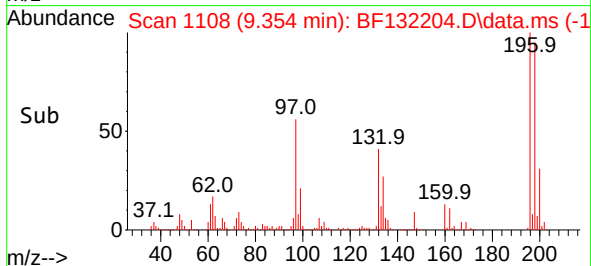
200 31.1 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/30/2023

Supervised By :Jagrut Upadhyay 01/30/2023



#44

2,4,5-Trichlorophenol

Concen: 42.944 ng

RT: 9.389 min Scan# 1114

Delta R.T. -0.006 min

Lab File: BF132204.D

Acq: 27 Jan 2023 18:17

Tgt Ion:196 Resp: 448800

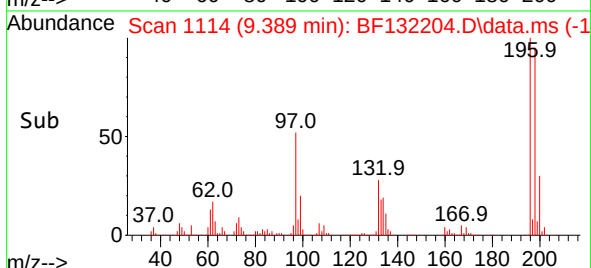
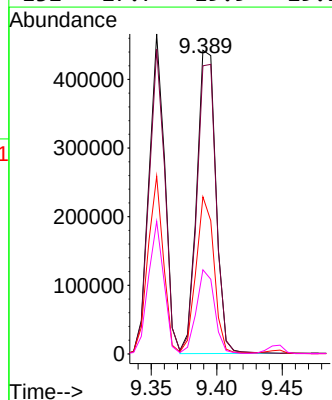
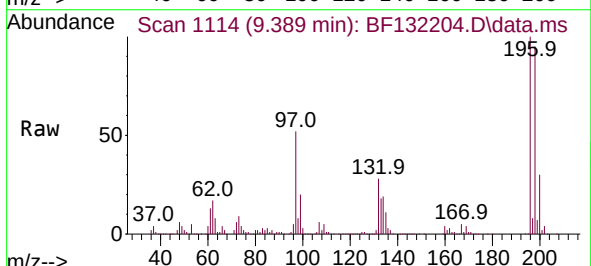
Ion Ratio Lower Upper

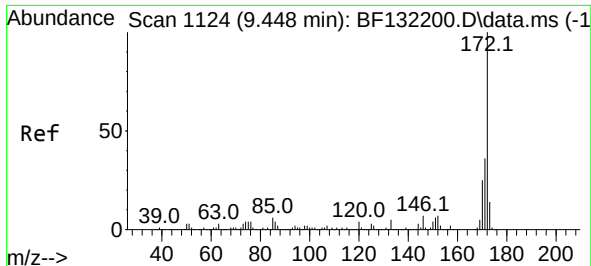
196 100

198 94.9 75.8 113.6

97 51.7 37.1 55.7

132 27.7 19.9 29.9





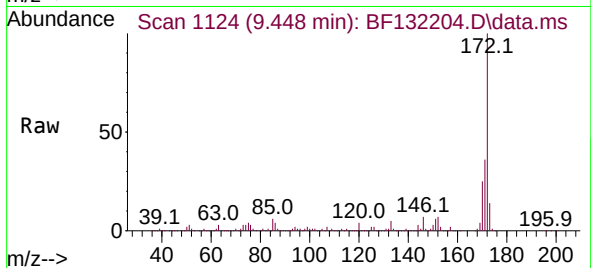
#45
2-Fluorobiphenyl
Concen: 73.030 ng
RT: 9.448 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

Instrument :

BNA_F

ClientSampleId :

ICVBF012723

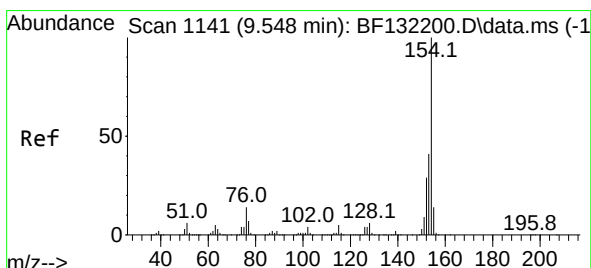
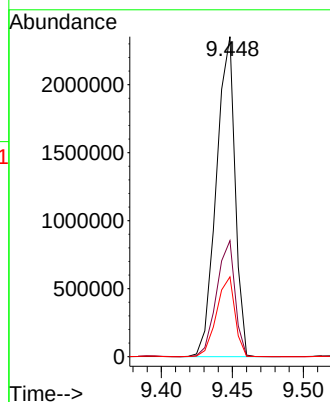
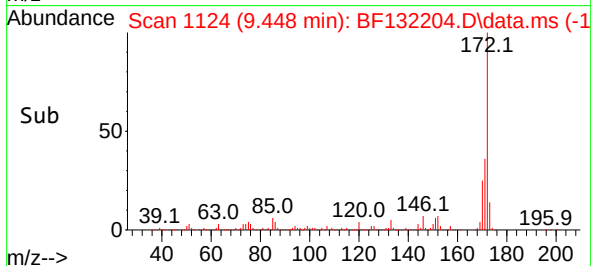


Tgt Ion:172 Resp: 2162969
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 25.0 20.2 30.4

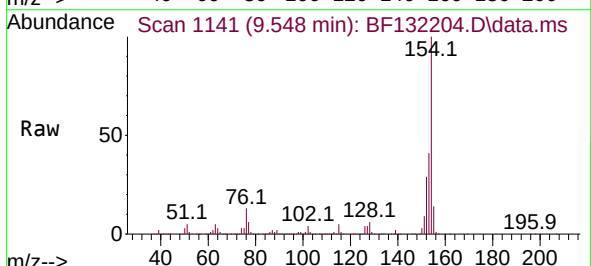
Manual Integrations

APPROVED

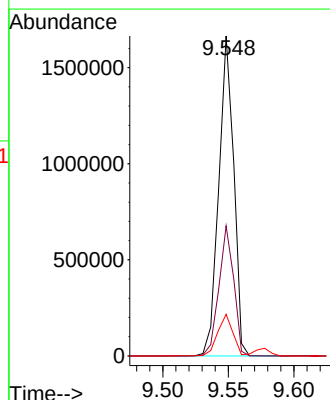
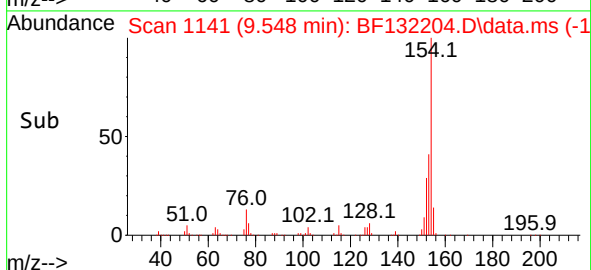
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

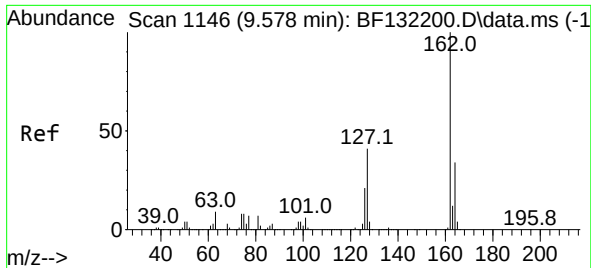


#46
1,1'-Biphenyl
Concen: 39.407 ng
RT: 9.548 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17



Tgt Ion:154 Resp: 1323482
Ion Ratio Lower Upper
154 100
153 40.6 20.6 60.6
76 13.0 0.0 34.2





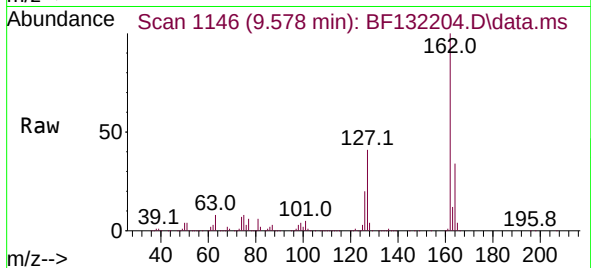
#47
2-Chloronaphthalene
Concen: 39.885 ng
RT: 9.578 min Scan# 1146
Delta R.T. -0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

Instrument :

BNA_F

ClientSampleId :

ICVBF012723

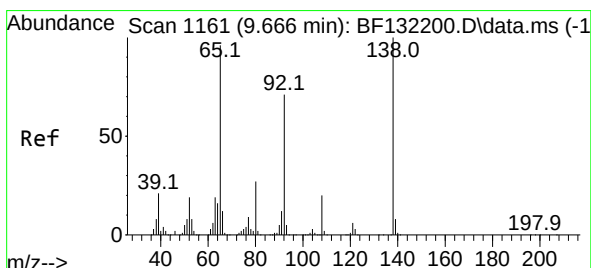
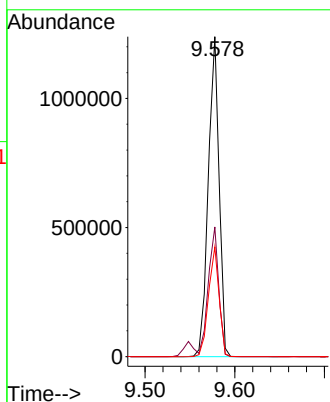
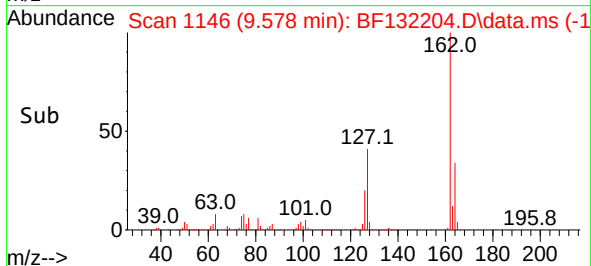


Tgt Ion:162 Resp: 1039685
Ion Ratio Lower Upper
162 100
127 40.5 32.7 49.1
164 34.3 27.3 40.9

Manual Integrations

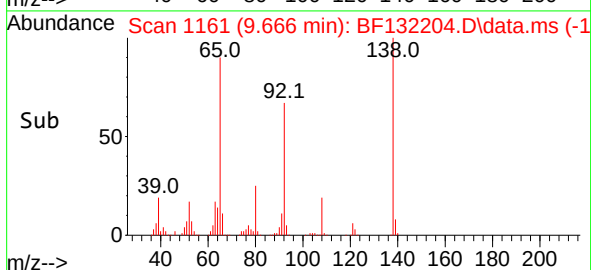
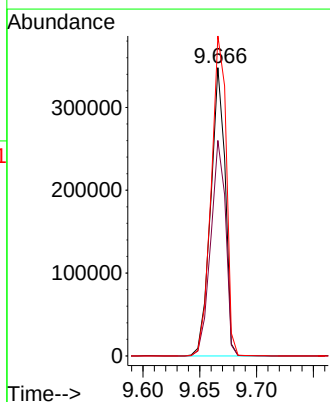
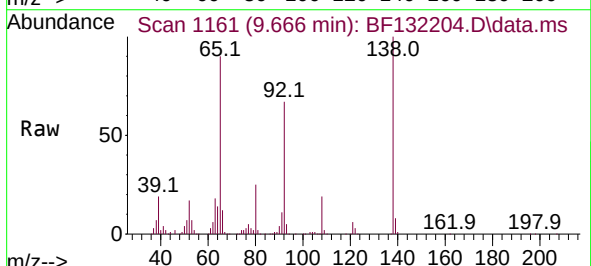
APPROVED

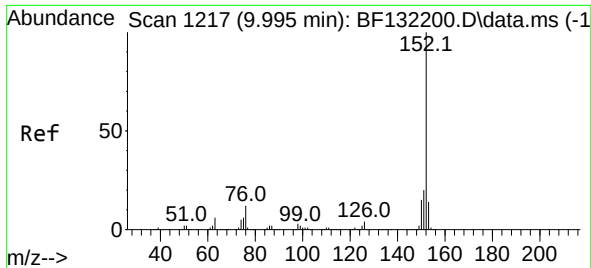
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#48
2-Nitroaniline
Concen: 44.078 ng
RT: 9.666 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

Tgt Ion: 65 Resp: 308569
Ion Ratio Lower Upper
65 100
92 74.8 59.2 88.8
138 111.0 83.7 125.5





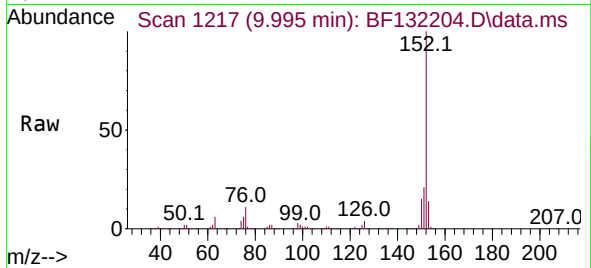
#49
Acenaphthylene
Concen: 40.190 ng
RT: 9.995 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

Instrument :

BNA_F

ClientSampleId :

ICVBF012723

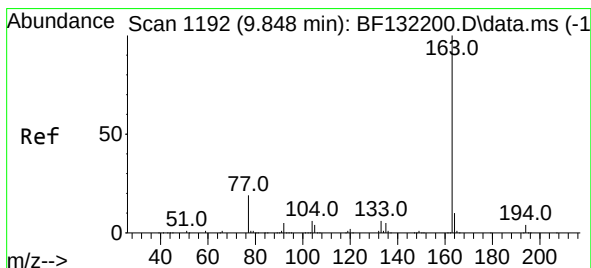
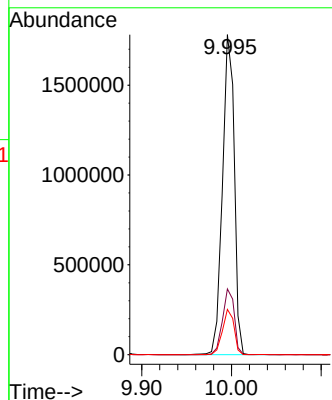
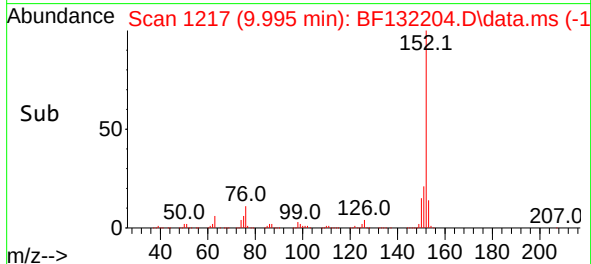


Tgt Ion:152 Resp: 1627732
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 14.1 10.9 16.3

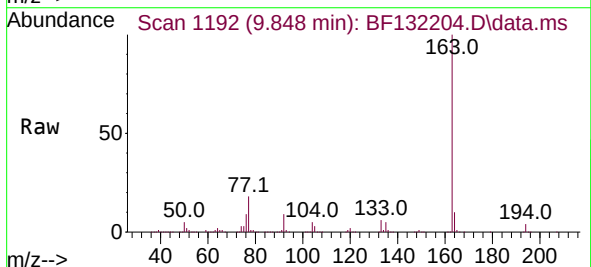
Manual Integrations

APPROVED

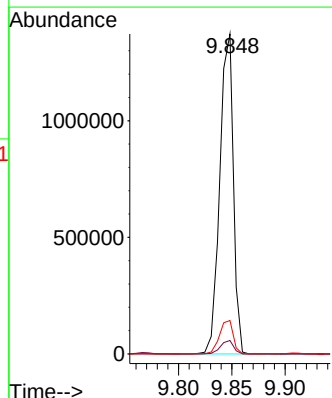
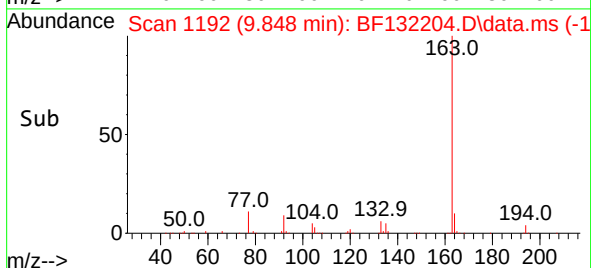
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

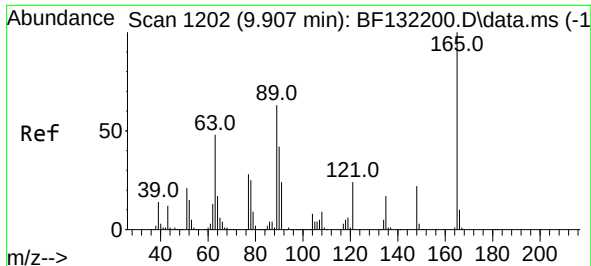


#50
Dimethylphthalate
Concen: 41.258 ng
RT: 9.848 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17



Tgt Ion:163 Resp: 1220266
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.4 8.3 12.5





#51

2,6-Dinitrotoluene

Concen: 43.926 ng

RT: 9.907 min Scan# 1202

Delta R.T. 0.000 min

Lab File: BF132204.D

Acq: 27 Jan 2023 18:17

Instrument :

BNA_F

ClientSampleId :

ICVBF012723

Tgt Ion:165 Resp: 276005

Ion Ratio Lower Upper

165 100

63 52.6 46.1 69.1

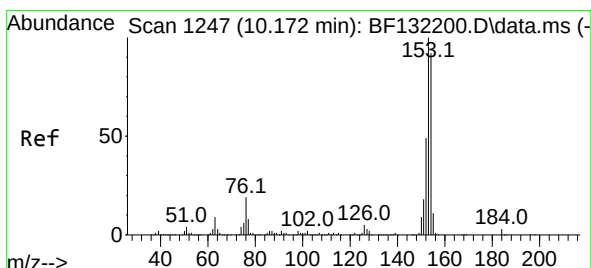
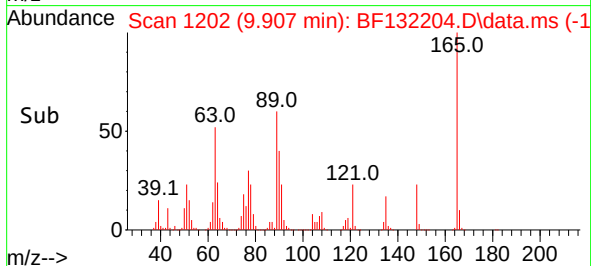
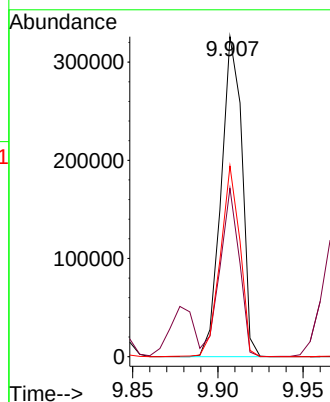
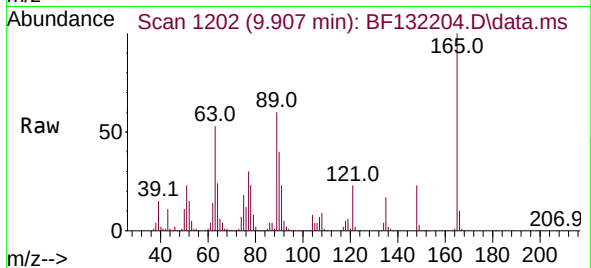
89 59.6 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/30/2023

Supervised By :Jagrut Upadhyay 01/30/2023



#52

Acenaphthene

Concen: 40.149 ng

RT: 10.172 min Scan# 1247

Delta R.T. 0.000 min

Lab File: BF132204.D

Acq: 27 Jan 2023 18:17

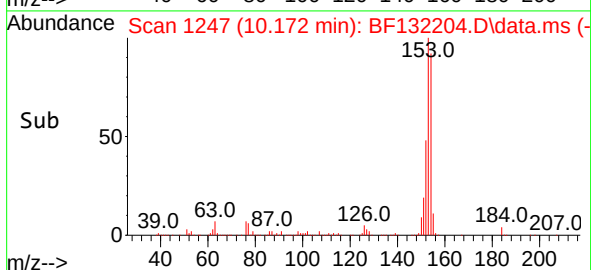
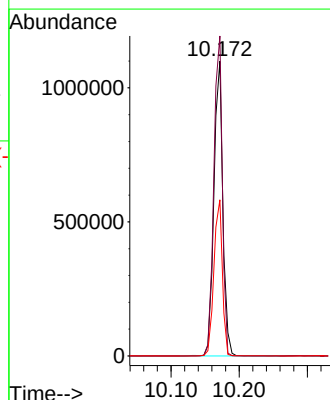
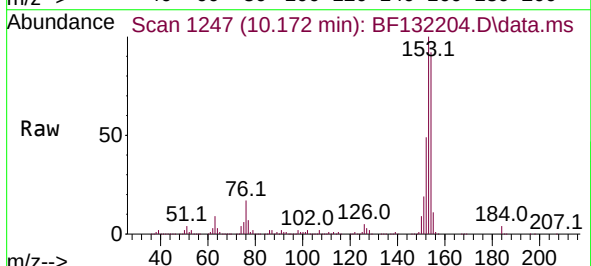
Tgt Ion:154 Resp: 999755

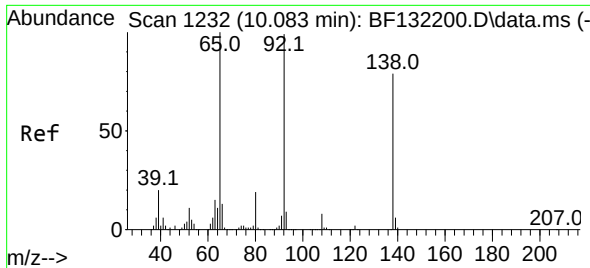
Ion Ratio Lower Upper

154 100

153 108.6 87.3 130.9

152 53.0 43.2 64.8





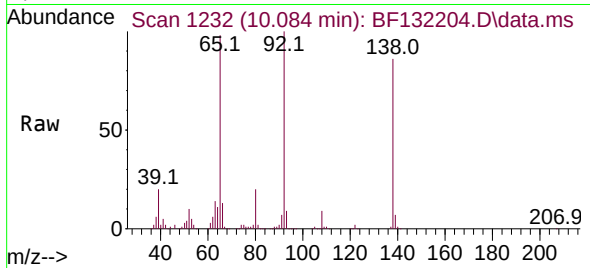
#53
3-Nitroaniline
Concen: 43.384 ng
RT: 10.084 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

Instrument :

BNA_F

ClientSampleId :

ICVBF012723

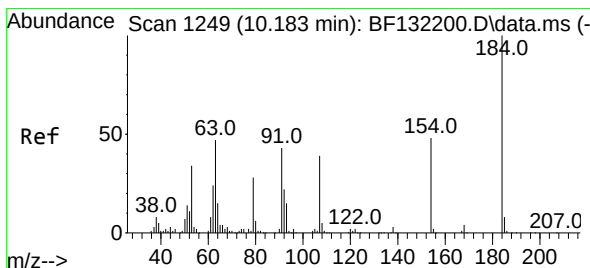
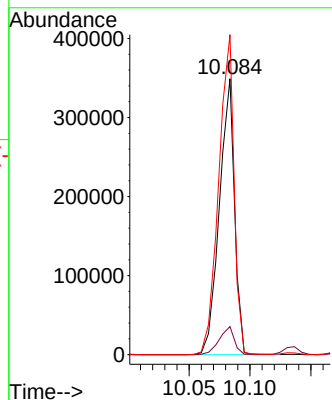
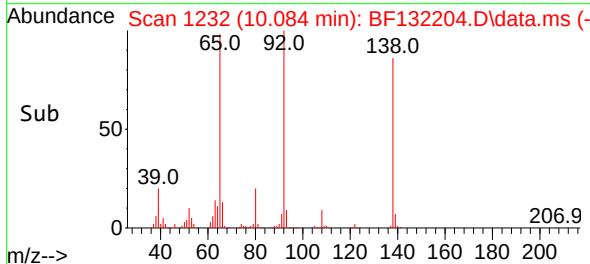


Tgt Ion:138 Resp: 301643
Ion Ratio Lower Upper
138 100
108 10.2 8.1 12.1
92 115.9 100.2 150.2

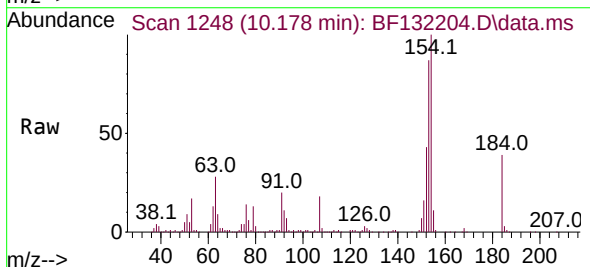
Manual Integrations

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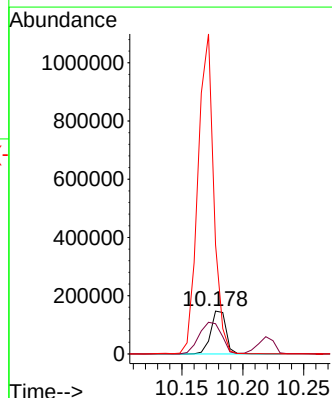
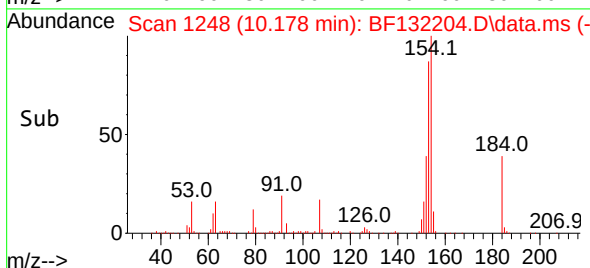
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

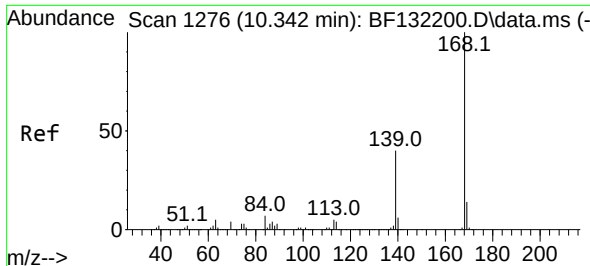


#54
2,4-Dinitrophenol
Concen: 42.929 ng
RT: 10.178 min Scan# 1248
Delta R.T. -0.005 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17



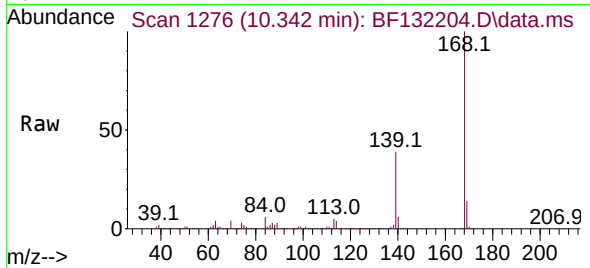
Tgt Ion:184 Resp: 127797
Ion Ratio Lower Upper
184 100
63 70.6 39.8 59.6#
154 254.6 54.2 81.2#





#55
Dibenzenofuran
Concen: 39.655 ng
RT: 10.342 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

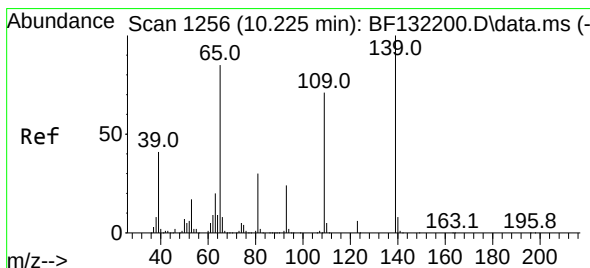
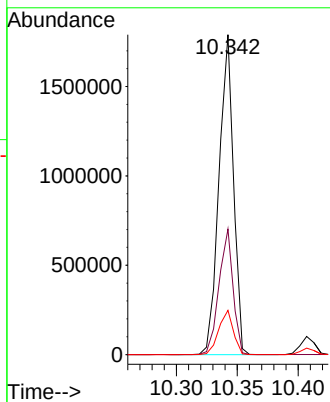
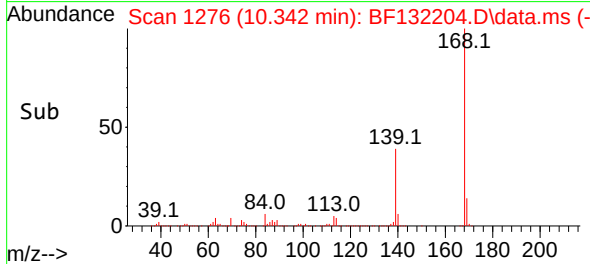
Instrument :
BNA_F
ClientSampleId :
ICVBF012723



Tgt Ion:168 Resp: 1479326
Ion Ratio Lower Upper
168 100
139 39.2 31.7 47.5
169 13.8 11.1 16.7

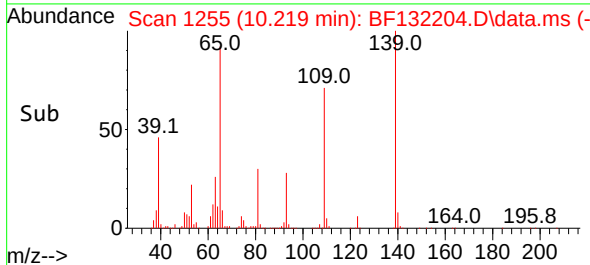
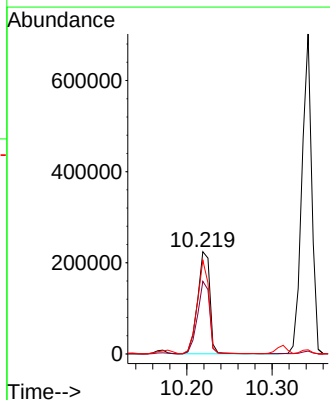
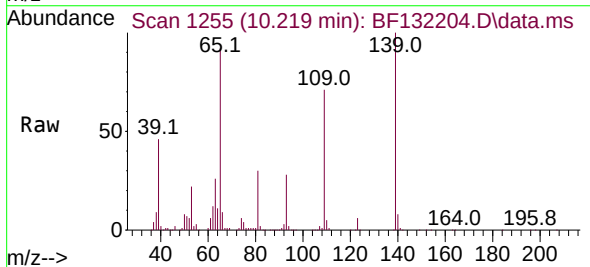
Manual Integrations
APPROVED

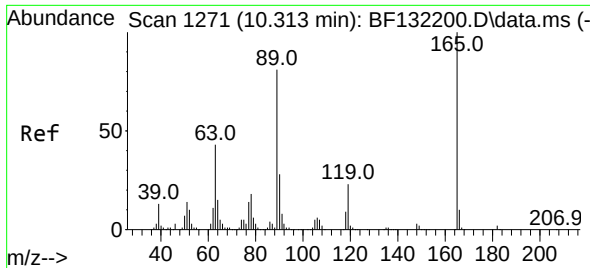
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#56
4-Nitrophenol
Concen: 44.503 ng
RT: 10.219 min Scan# 1255
Delta R.T. -0.006 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

Tgt Ion:139 Resp: 223555
Ion Ratio Lower Upper
139 100
109 71.0 50.8 90.8
65 91.7 65.5 105.5





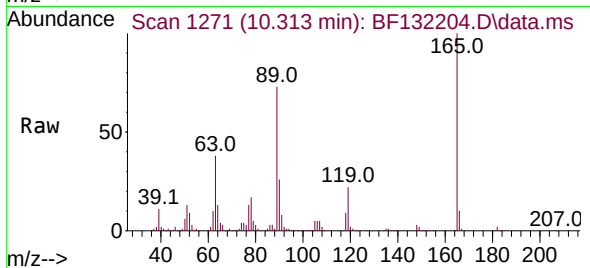
#57
2,4-Dinitrotoluene
Concen: 46.040 ng
RT: 10.313 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

Instrument :

BNA_F

ClientSampleId :

ICVBF012723

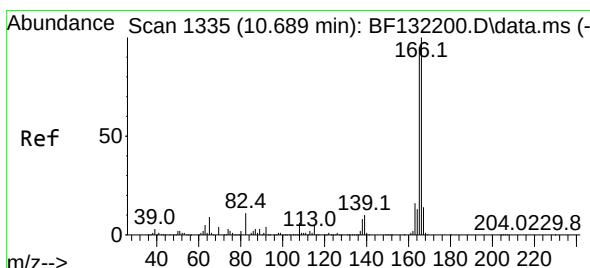
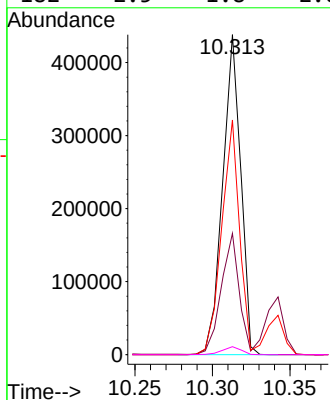
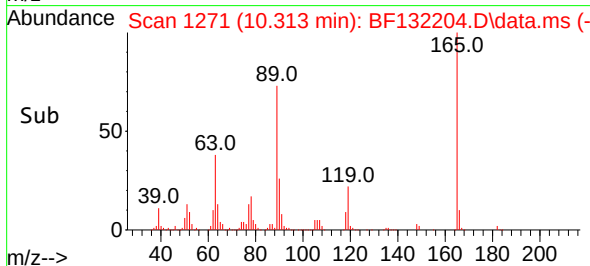


Tgt Ion:165 Resp: 356141
Ion Ratio Lower Upper
165 100
63 37.9 34.2 51.2
89 73.3 65.1 97.7
182 2.5 1.8 2.6

Manual Integrations

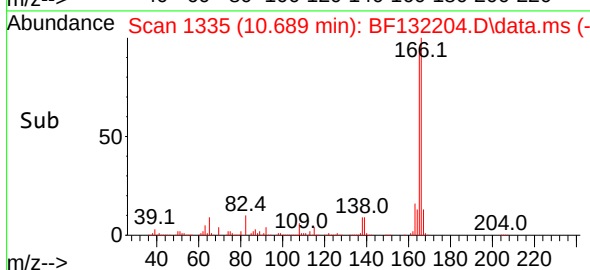
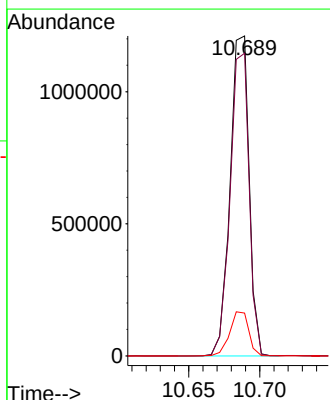
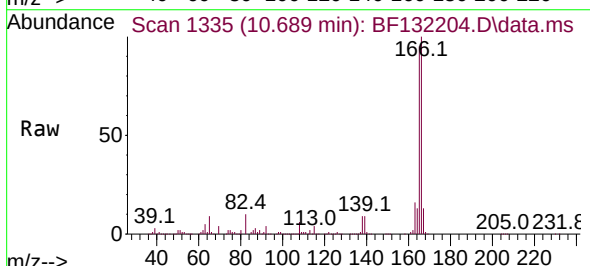
APPROVED

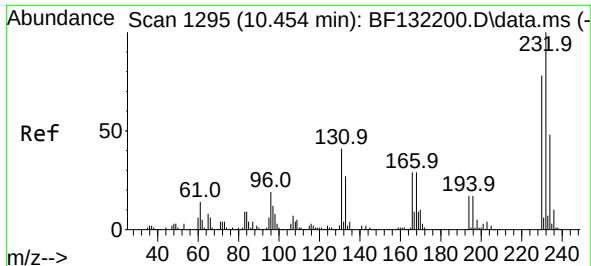
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#58
Fluorene
Concen: 39.605 ng
RT: 10.689 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

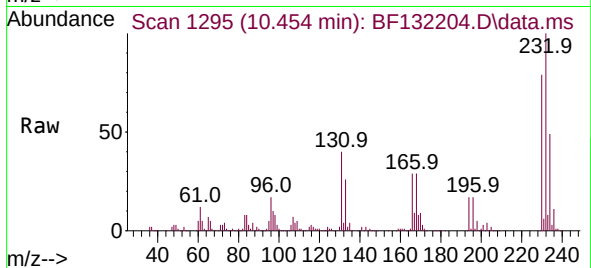
Tgt Ion:166 Resp: 1128531
Ion Ratio Lower Upper
166 100
165 94.6 76.3 114.5
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.653 ng
RT: 10.454 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

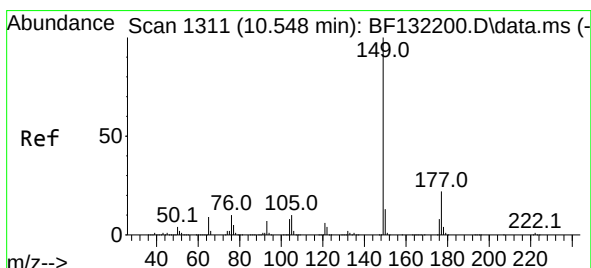
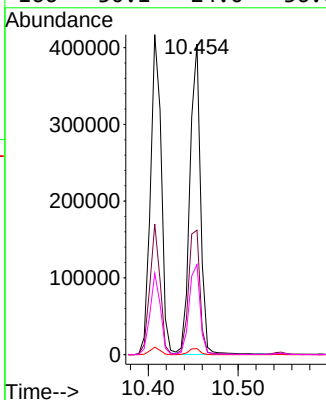
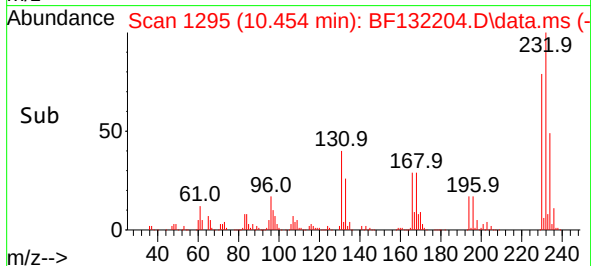
Instrument :
BNA_F
ClientSampleId :
ICVBF012723



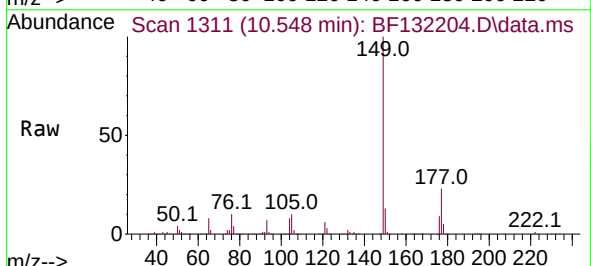
Tgt Ion:232 Resp: 331572
Ion Ratio Lower Upper
232 100
131 43.7 35.1 52.7
130 2.1 1.7 2.5
166 30.1 24.0 36.0

Manual Integrations
APPROVED

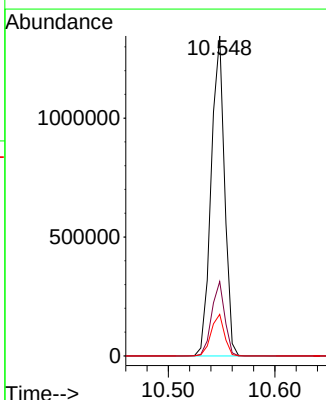
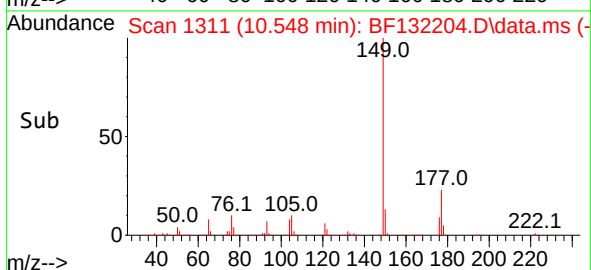
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

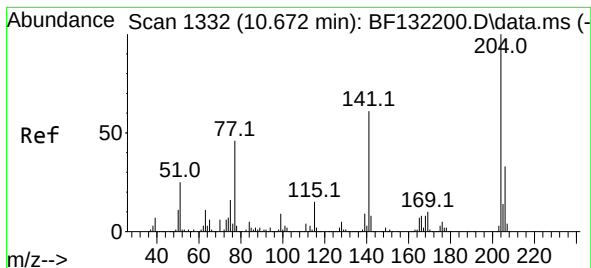


#60
Diethylphthalate
Concen: 40.854 ng
RT: 10.548 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17



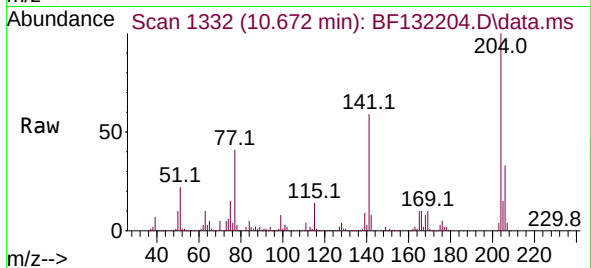
Tgt Ion:149 Resp: 1177853
Ion Ratio Lower Upper
149 100
177 23.2 17.9 26.9
150 13.0 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 40.652 ng
RT: 10.672 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

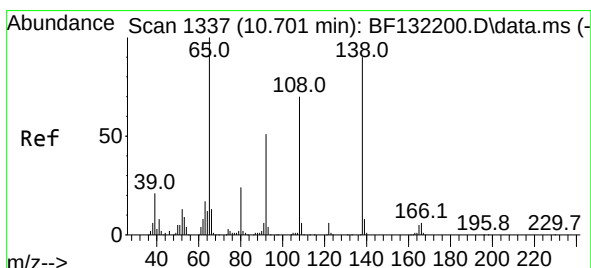
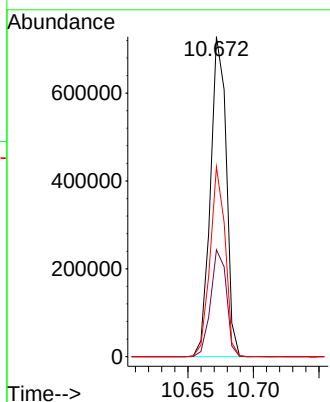
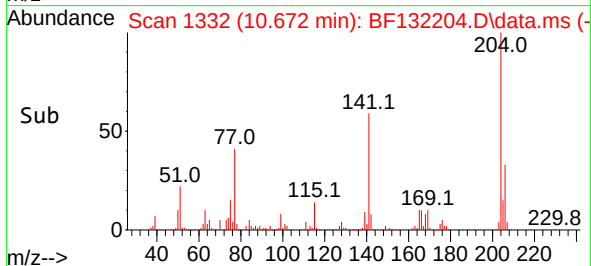
Instrument :
BNA_F
ClientSampleId :
ICVBF012723



Tgt Ion:204 Resp: 611056
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 59.3 49.2 73.8

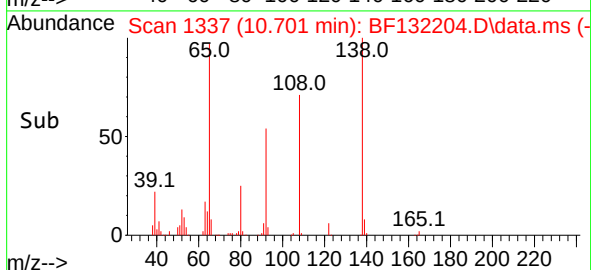
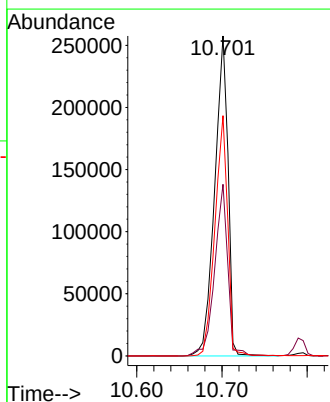
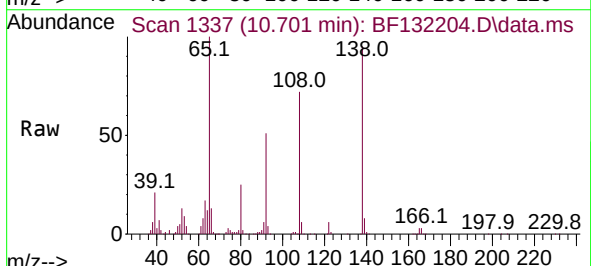
Manual Integrations
APPROVED

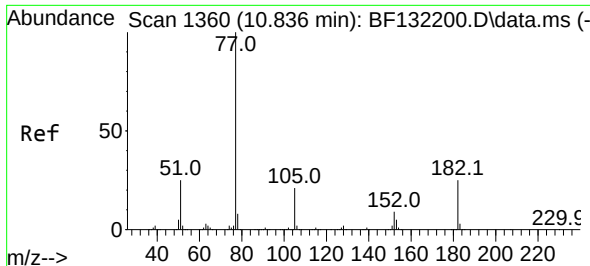
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#62
4-Nitroaniline
Concen: 42.852 ng
RT: 10.701 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

Tgt Ion:138 Resp: 279553
Ion Ratio Lower Upper
138 100
92 53.6 36.0 76.0
108 75.1 57.9 97.9





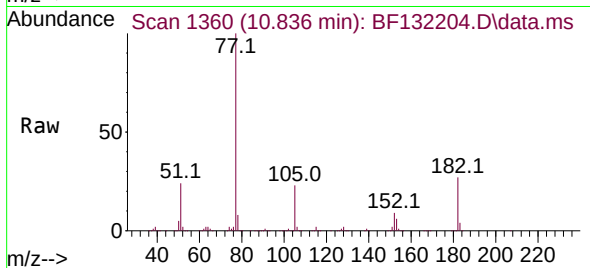
#63
Azobenzene
Concen: 37.574 ng
RT: 10.836 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

Instrument :

BNA_F

ClientSampleId :

ICVBF012723

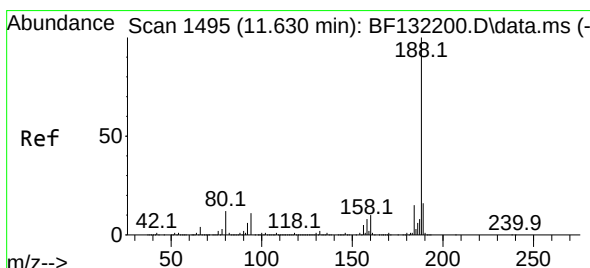
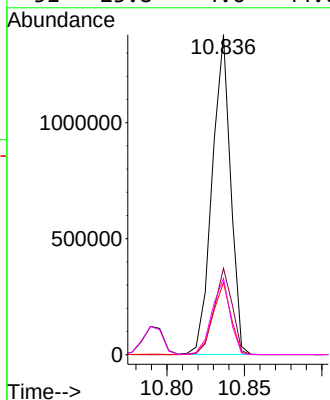
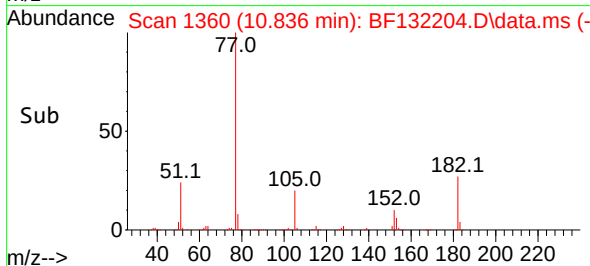


Tgt Ion: 77 Resp: 1143220
Ion Ratio Lower Upper
77 100
182 27.0 4.7 44.7
105 22.6 1.1 41.1
51 23.8 4.6 44.6

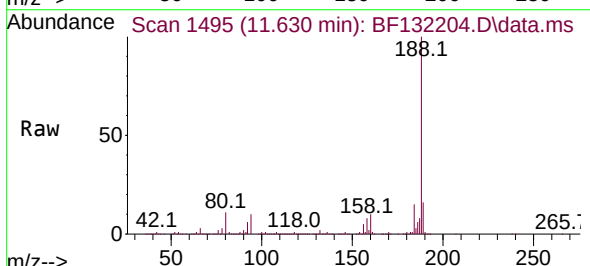
Manual Integrations

APPROVED

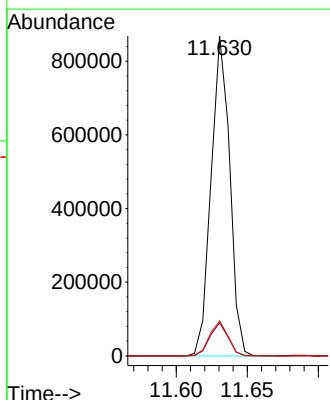
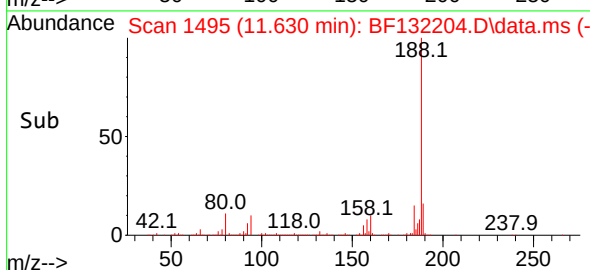
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

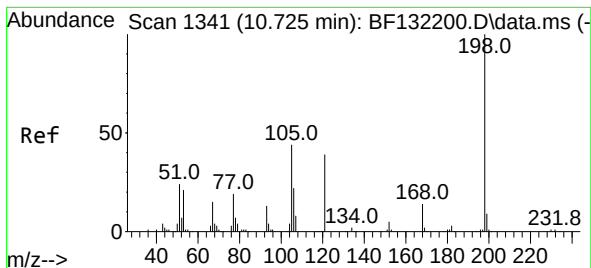


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.630 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17



Tgt Ion:188 Resp: 794157
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 10.9 9.2 13.8





#65
4,6-Dinitro-2-methylphenol
Concen: 43.935 ng
RT: 10.725 min Scan# 1341
Delta R.T. -0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

Instrument :

BNA_F

ClientSampleId :

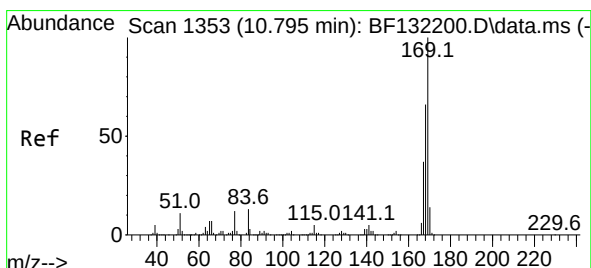
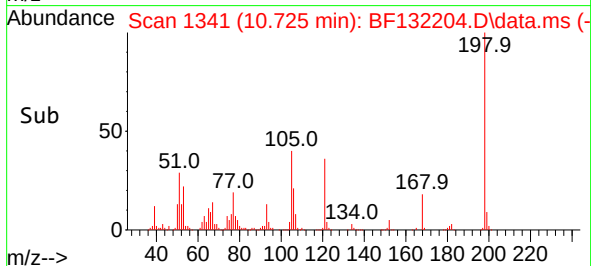
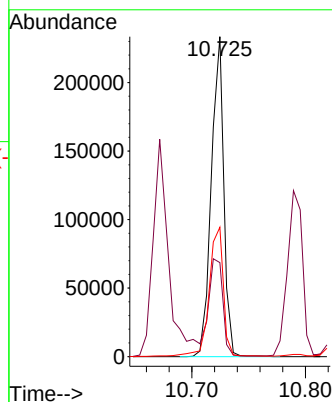
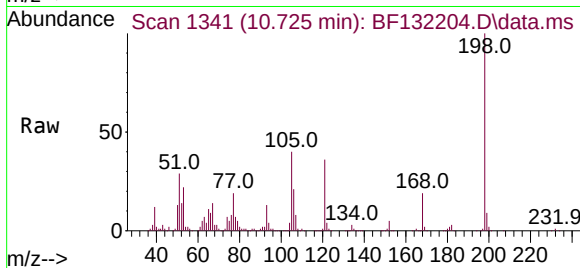
ICVBF012723

Tgt Ion:198 Resp: 178456
Ion Ratio Lower Upper
198 100
51 29.4 14.9 54.9
105 40.4 24.2 64.2

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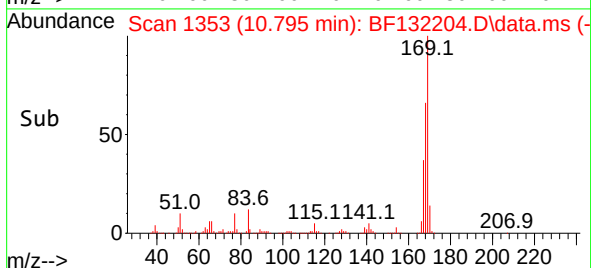
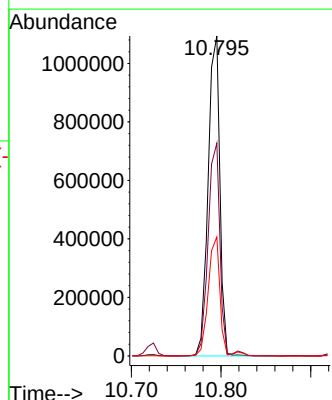
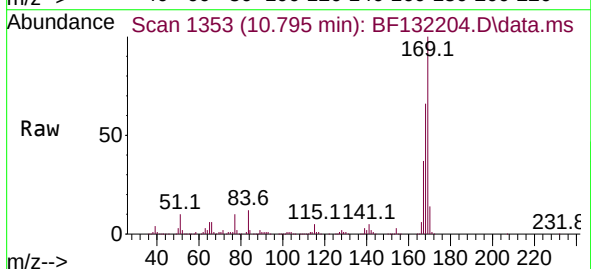
APPROVED

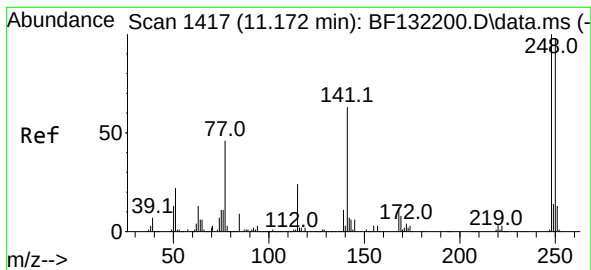
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#66
n-Nitrosodiphenylamine
Concen: 39.714 ng
RT: 10.795 min Scan# 1353
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

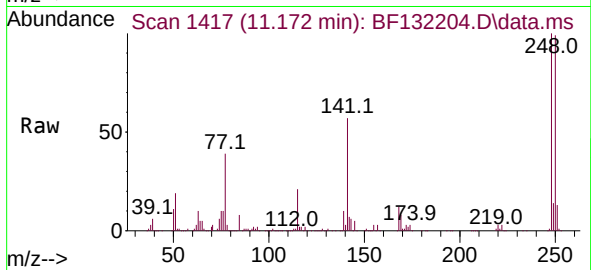
Tgt Ion:169 Resp: 990417
Ion Ratio Lower Upper
169 100
168 66.5 53.1 79.7
167 37.2 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 41.301 ng
RT: 11.172 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

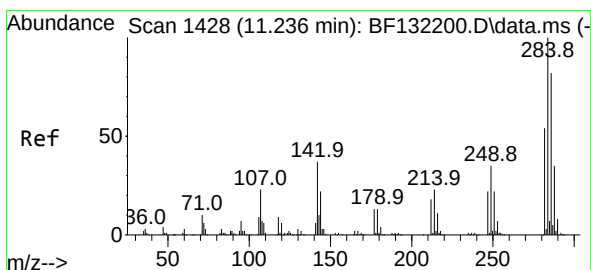
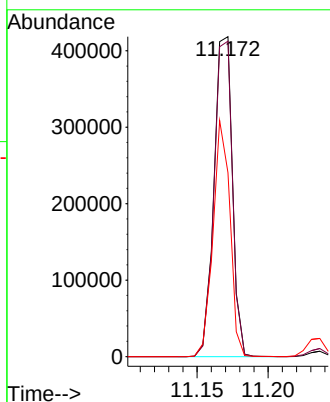
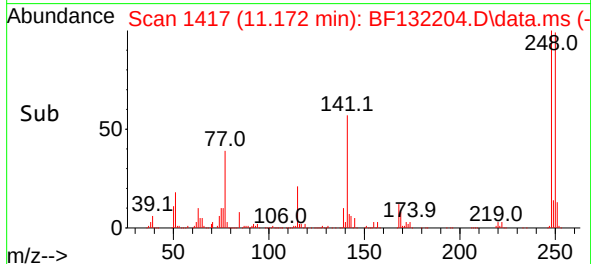
Instrument :
BNA_F
ClientSampleId :
ICVBF012723



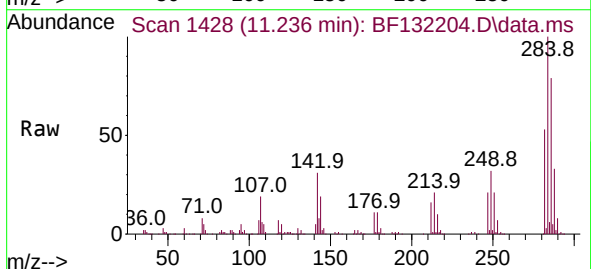
Tgt Ion:248 Resp: 377594
Ion Ratio Lower Upper
248 100
250 98.6 78.5 117.7
141 57.5 50.2 75.4

Manual Integrations
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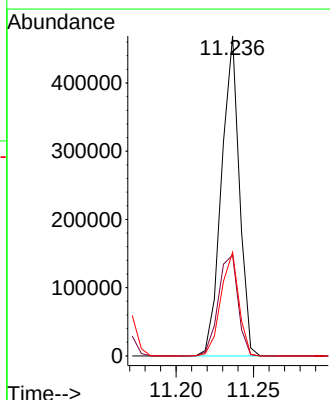
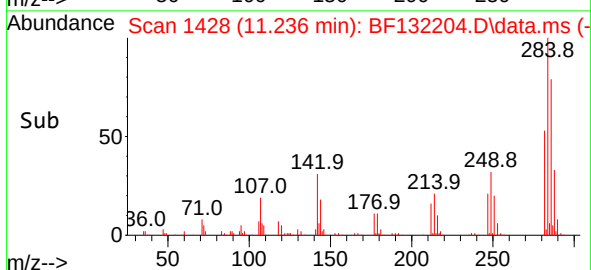
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

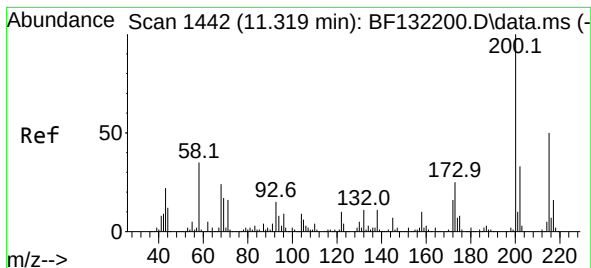


#68
Hexachlorobenzene
Concen: 41.614 ng
RT: 11.236 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17



Tgt Ion:284 Resp: 376986
Ion Ratio Lower Upper
284 100
142 31.5 29.4 44.2
249 32.4 27.8 41.8





#69

Atrazine

Concen: 43.908 ng

RT: 11.313 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF132204.D

Acq: 27 Jan 2023 18:17

Instrument :

BNA_F

ClientSampleId :

ICVBF012723

Tgt Ion:200 Resp: 314281

Ion Ratio Lower Upper

200 100

173 25.3 5.2 45.2

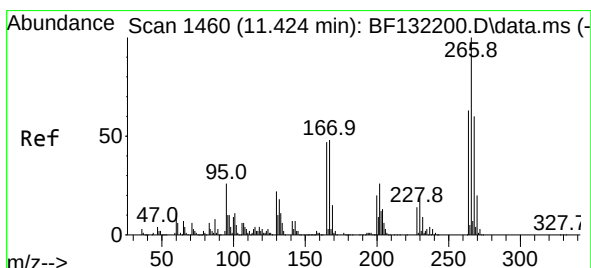
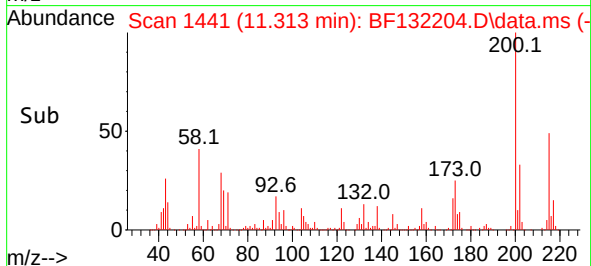
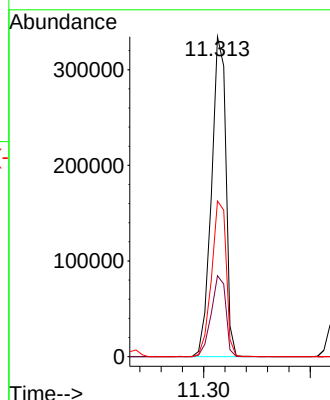
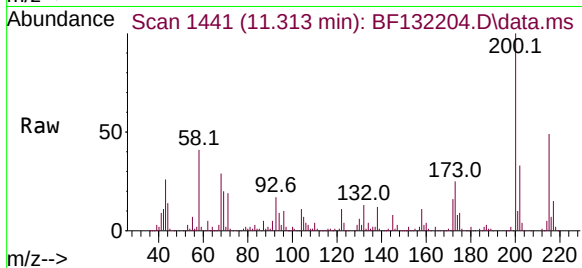
215 48.6 29.8 69.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/30/2023

Supervised By :Jagrut Upadhyay 01/30/2023



#70

Pentachlorophenol

Concen: 44.388 ng

RT: 11.425 min Scan# 1460

Delta R.T. 0.001 min

Lab File: BF132204.D

Acq: 27 Jan 2023 18:17

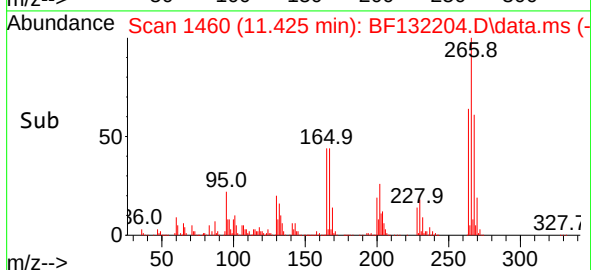
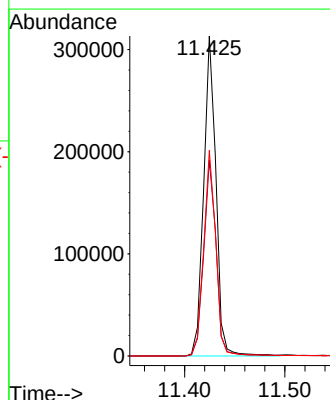
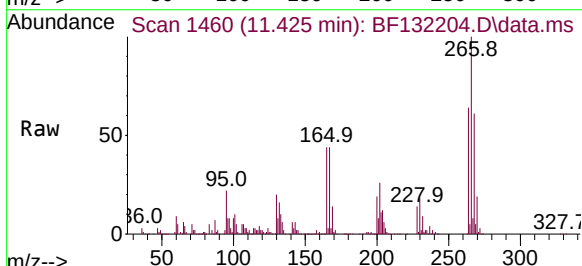
Tgt Ion:266 Resp: 265410

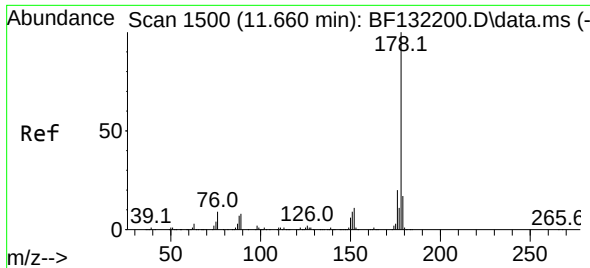
Ion Ratio Lower Upper

266 100

268 61.1 48.2 72.4

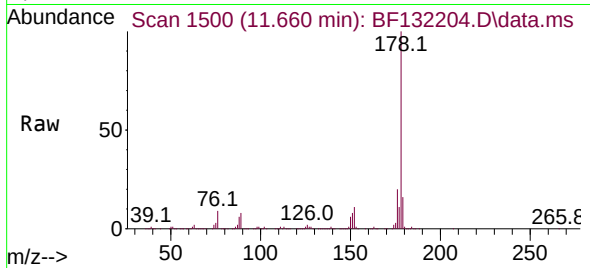
264 64.2 50.7 76.1





#71
Phenanthrene
Concen: 39.609 ng
RT: 11.660 min Scan# 1500
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

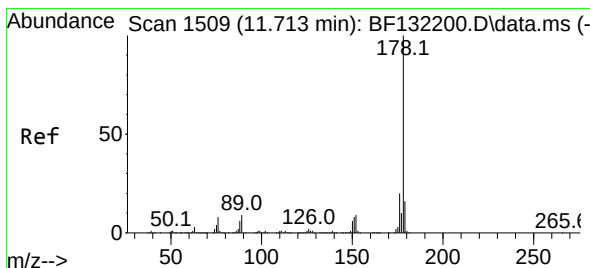
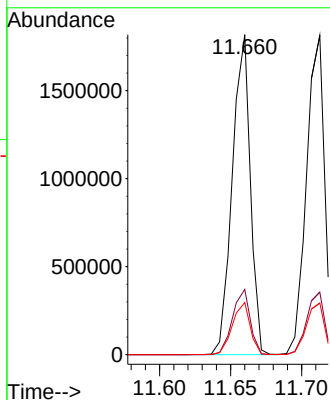
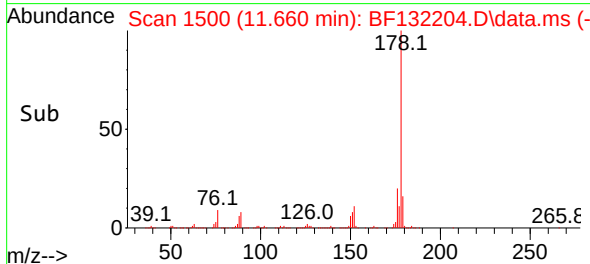
Instrument :
BNA_F
ClientSampleId :
ICVBF012723



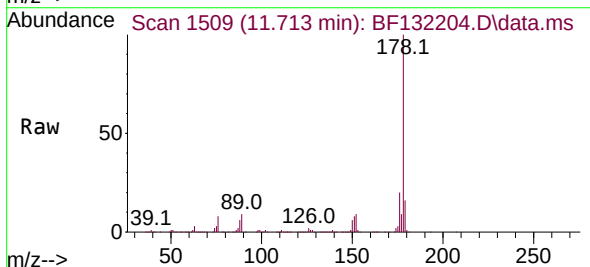
Tgt Ion:178 Resp: 1600220
Ion Ratio Lower Upper
178 100
176 20.4 16.4 24.6
179 16.3 13.3 19.9

Manual Integrations
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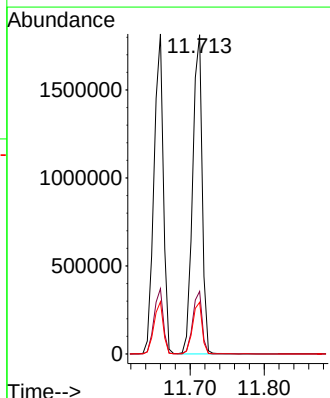
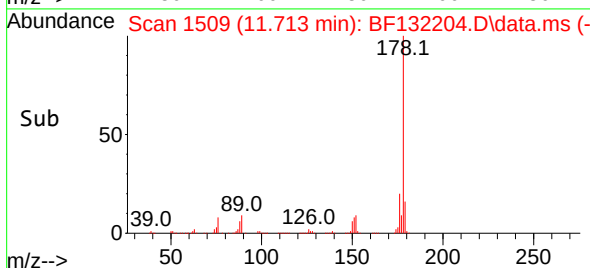
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

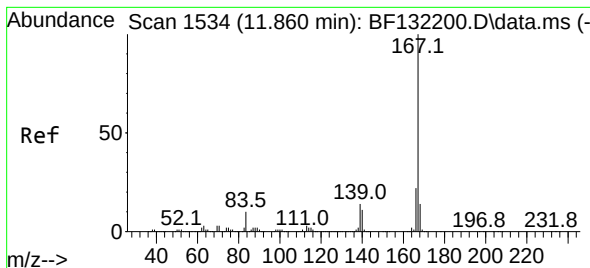


#72
Anthracene
Concen: 39.490 ng
RT: 11.713 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17



Tgt Ion:178 Resp: 1624607
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 16.2 13.0 19.6





#73

Carbazole

Concen: 40.408 ng

RT: 11.860 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF132204.D

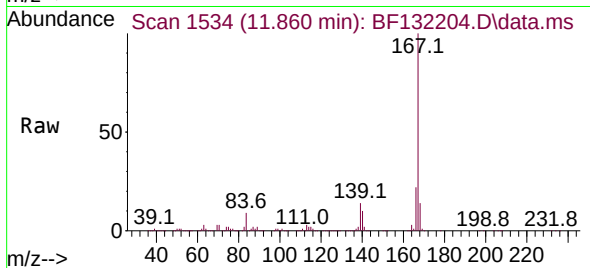
Acq: 27 Jan 2023 18:17

Instrument :

BNA_F

ClientSampleId :

ICVBF012723



Tgt Ion:167 Resp: 1428074

Ion Ratio Lower Upper

167 100

166 21.6 17.5 26.3

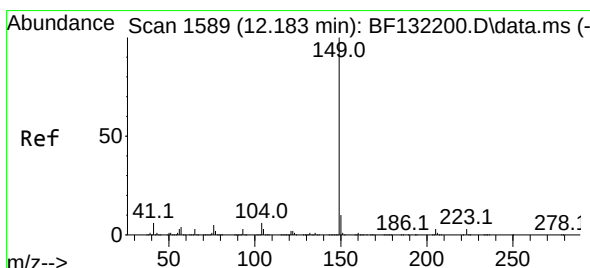
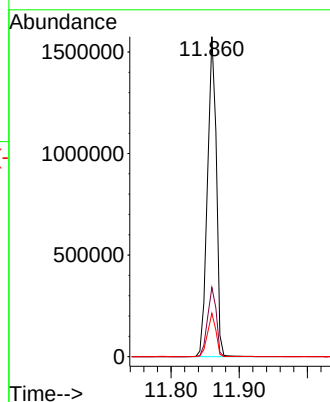
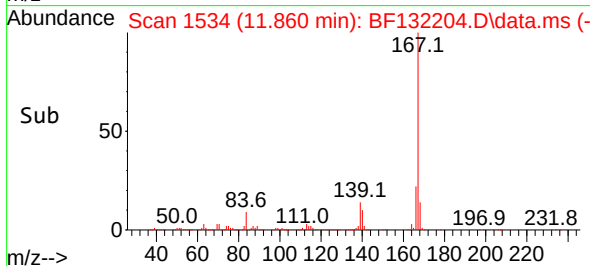
139 13.5 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/30/2023

Supervised By :Jagrut Upadhyay 01/30/2023



#74

Di-n-butylphthalate

Concen: 41.872 ng

RT: 12.183 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF132204.D

Acq: 27 Jan 2023 18:17

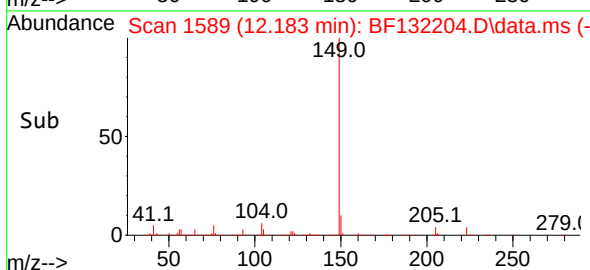
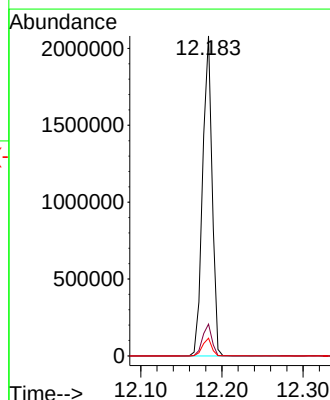
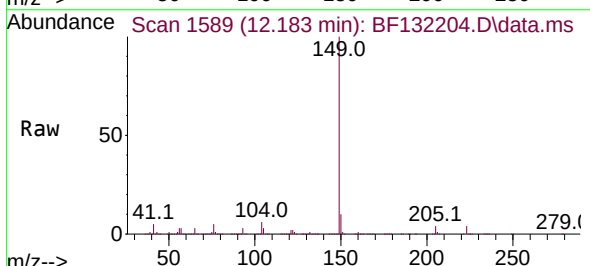
Tgt Ion:149 Resp: 1683519

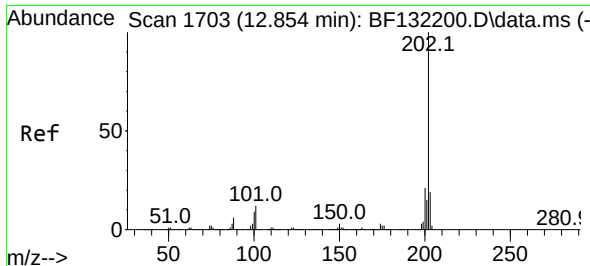
Ion Ratio Lower Upper

149 100

150 9.9 8.0 12.0

104 5.5 4.6 7.0





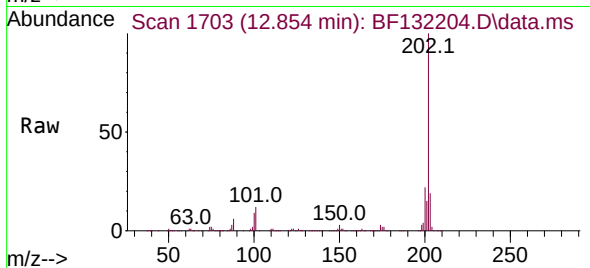
#75
Fluoranthene
Concen: 39.812 ng
RT: 12.854 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

Instrument :

BNA_F

ClientSampleId :

ICVBF012723

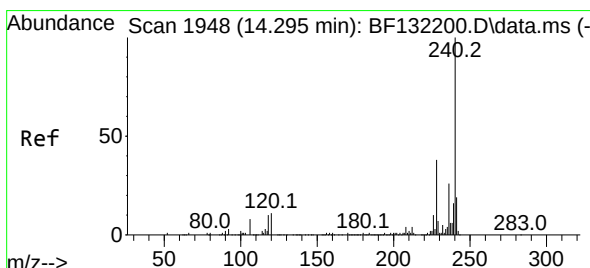
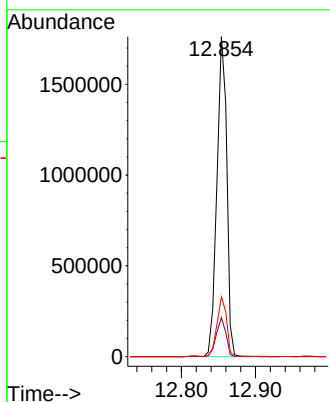
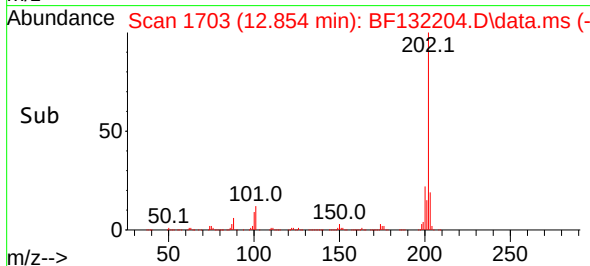


Tgt Ion:202 Resp: 1636566
Ion Ratio Lower Upper
202 100
101 12.2 0.0 32.5
203 18.7 0.0 38.8

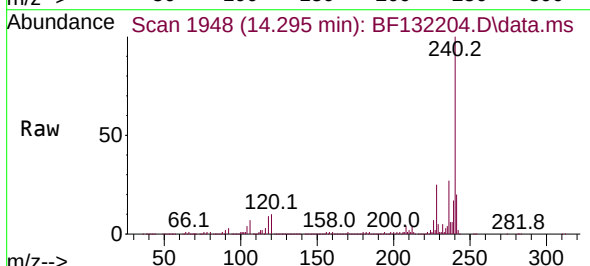
Manual Integrations

APPROVED

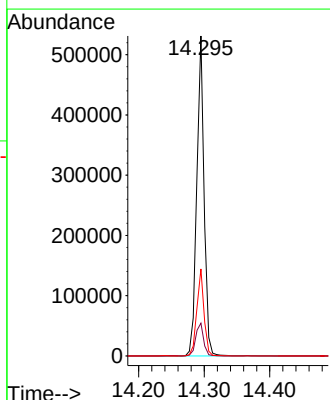
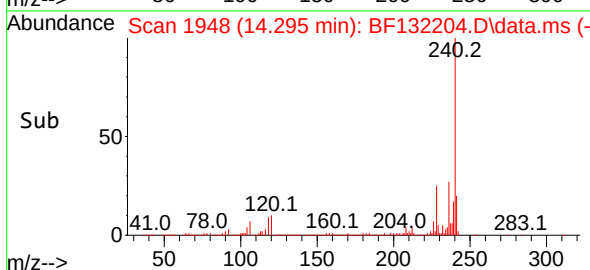
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

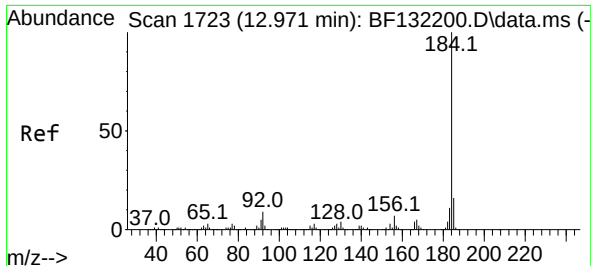


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.295 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17



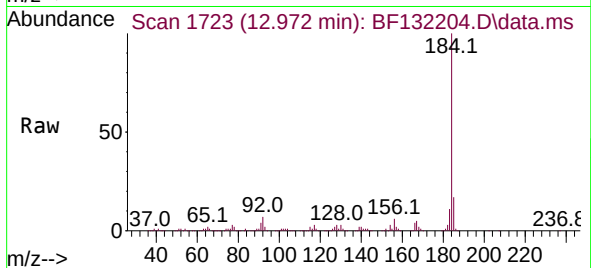
Tgt Ion:240 Resp: 411357
Ion Ratio Lower Upper
240 100
120 10.2 9.0 13.4
236 27.2 20.8 31.2





#77
Benzidine
Concen: 38.969 ng
RT: 12.972 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

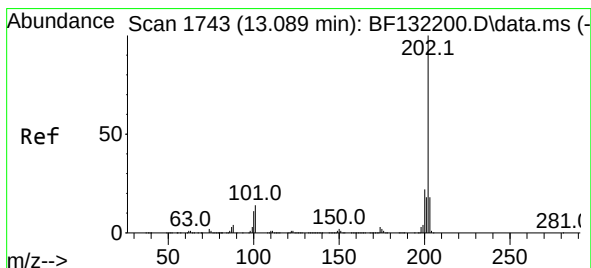
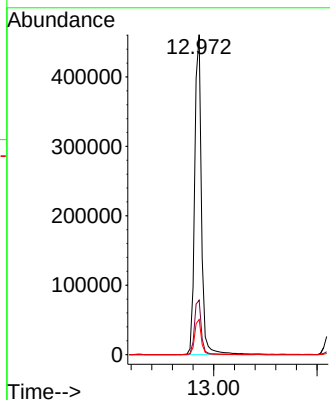
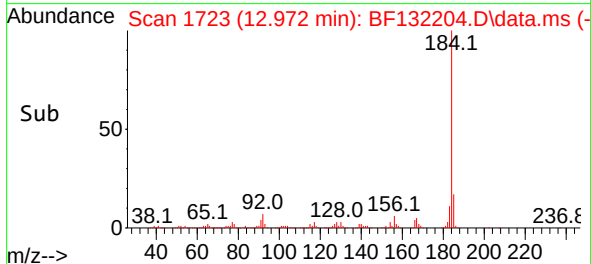
Instrument :
BNA_F
ClientSampleId :
ICVBF012723



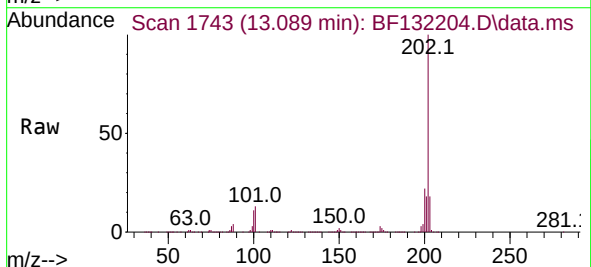
Tgt Ion:184 Resp: 418412
Ion Ratio Lower Upper
184 100
185 17.0 13.2 19.8
183 11.0 8.8 13.2

Manual Integrations
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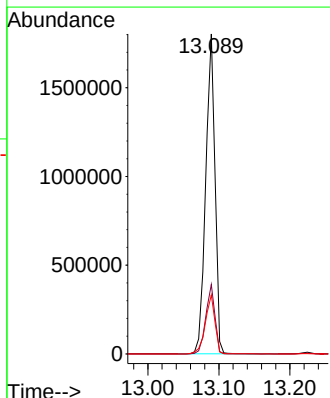
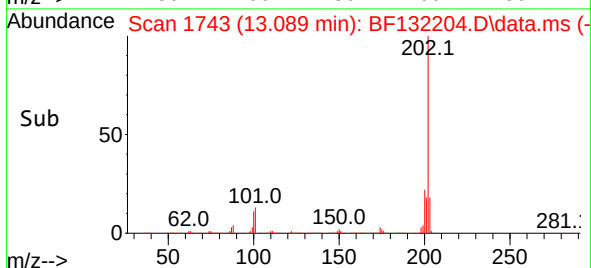
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

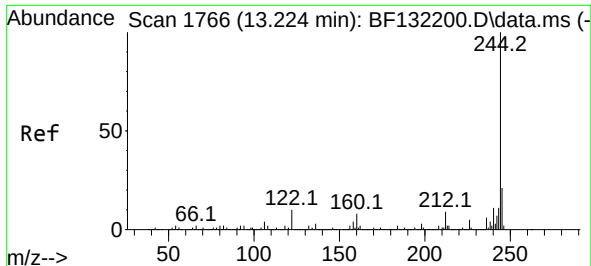


#78
Pyrene
Concen: 42.328 ng
RT: 13.089 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17



Tgt Ion:202 Resp: 1631407
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 18.4 14.7 22.1





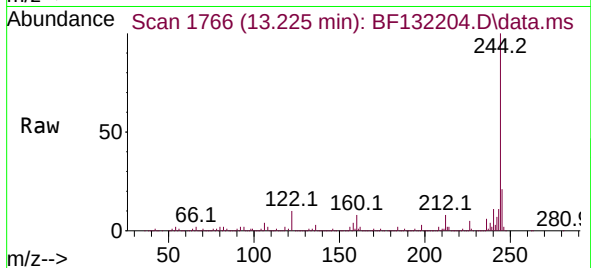
#79
 Terphenyl-d14
 Concen: 82.421 ng
 RT: 13.225 min Scan# 1766
 Delta R.T. 0.001 min
 Lab File: BF132204.D
 Acq: 27 Jan 2023 18:17

Instrument :

BNA_F

ClientSampleId :

ICVBF012723

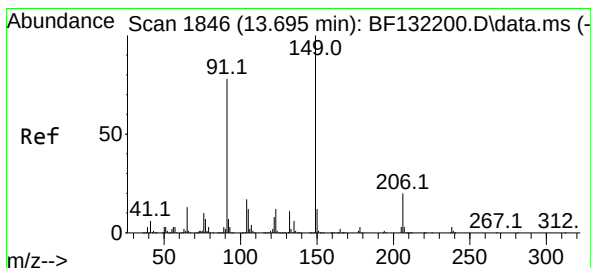
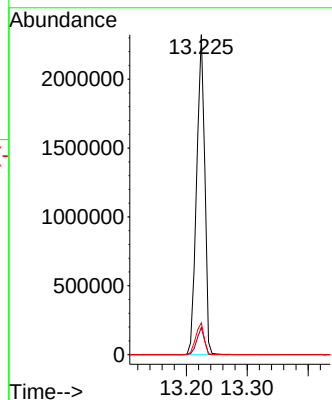
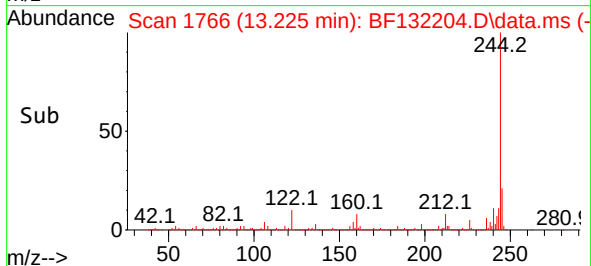


Tgt Ion:244 Resp: 2157986
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.8 10.2
 122 9.9 8.3 12.5

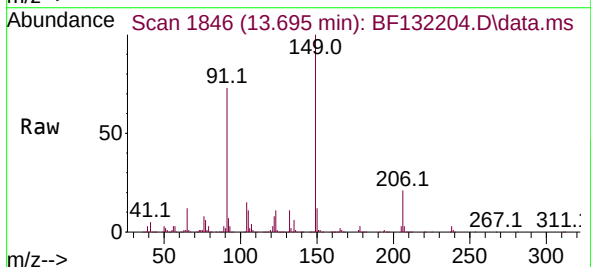
Manual Integrations

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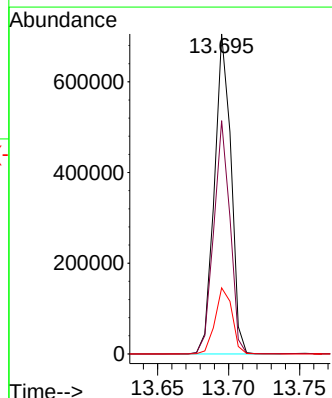
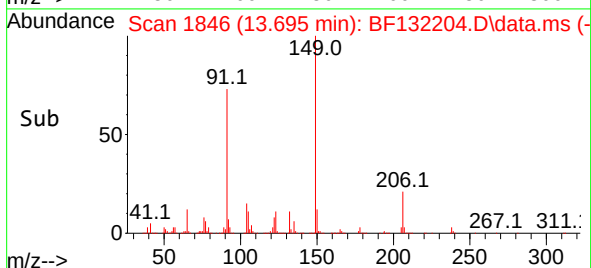
Reviewed By :Christian Giraldo 01/30/2023
 Supervised By :Jagrut Upadhyay 01/30/2023

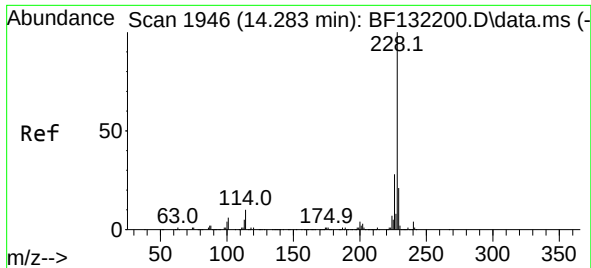


#80
 Butylbenzylphthalate
 Concen: 44.452 ng
 RT: 13.695 min Scan# 1846
 Delta R.T. 0.000 min
 Lab File: BF132204.D
 Acq: 27 Jan 2023 18:17



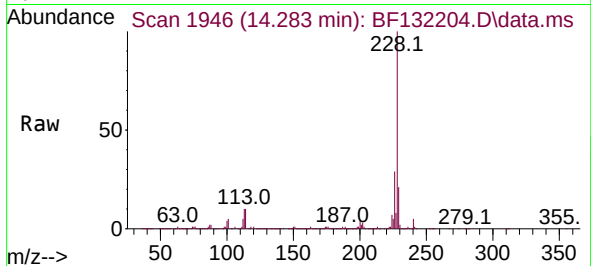
Tgt Ion:149 Resp: 574596
 Ion Ratio Lower Upper
 149 100
 91 72.9 62.1 93.1
 206 20.6 15.8 23.8





#81
Benzo(a)anthracene
Concen: 40.884 ng
RT: 14.283 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

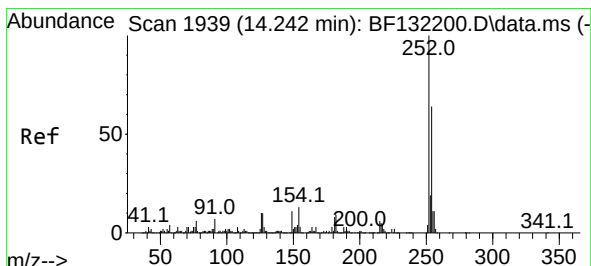
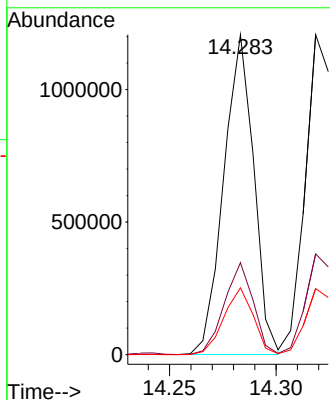
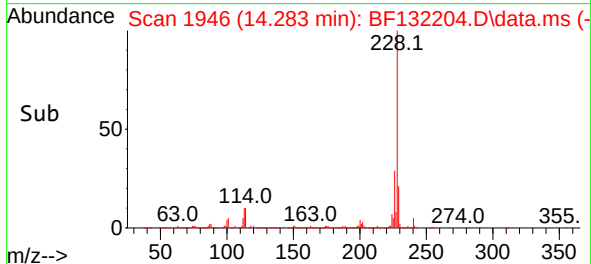
Instrument :
BNA_F
ClientSampleId :
ICVBF012723



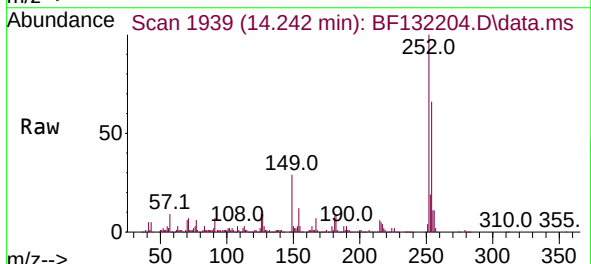
Tgt Ion:228 Resp: 1182476
Ion Ratio Lower Upper
228 100
226 28.7 22.6 33.8
229 20.9 16.5 24.7

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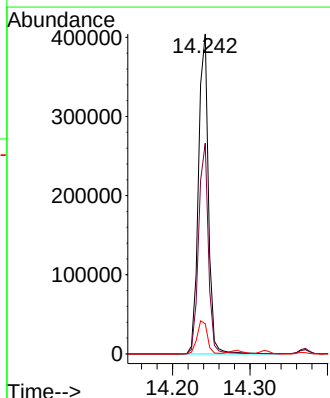
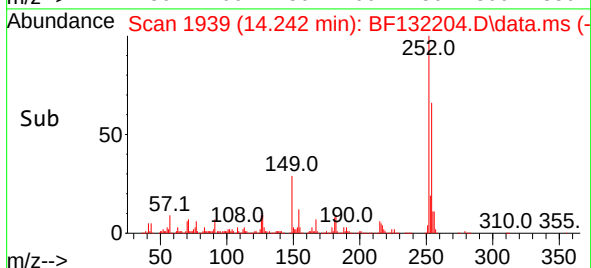
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

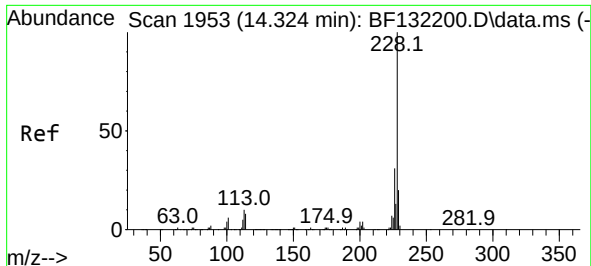


#82
3,3'-Dichlorobenzidine
Concen: 45.780 ng
RT: 14.242 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17



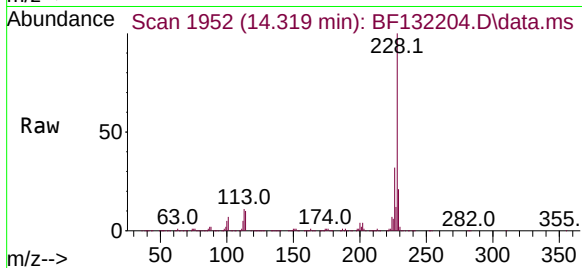
Tgt Ion:252 Resp: 358816
Ion Ratio Lower Upper
252 100
254 65.8 51.5 77.3
126 9.4 8.0 12.0





#83
Chrysene
Concen: 40.826 ng
RT: 14.319 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

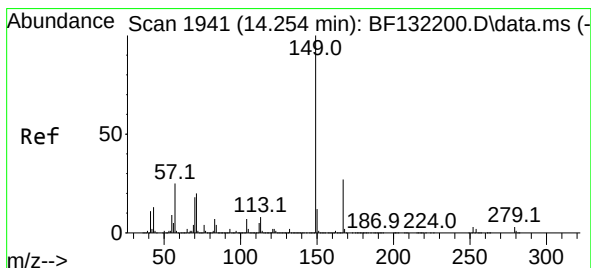
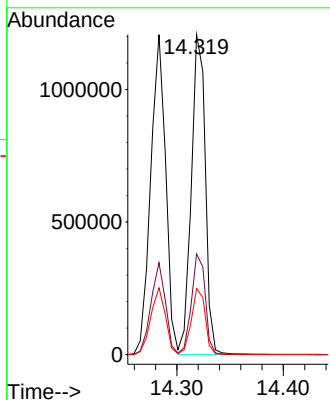
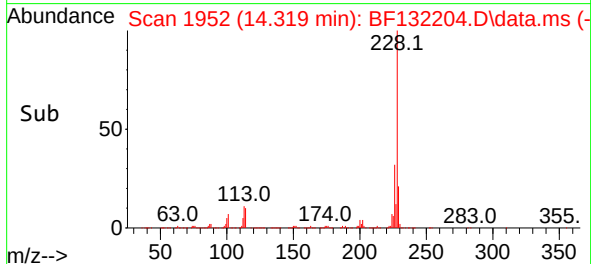
Instrument :
BNA_F
ClientSampleId :
ICVBF012723



Tgt Ion:228 Resp: 1100394
Ion Ratio Lower Upper
228 100
226 31.5 24.9 37.3
229 20.6 16.2 24.4

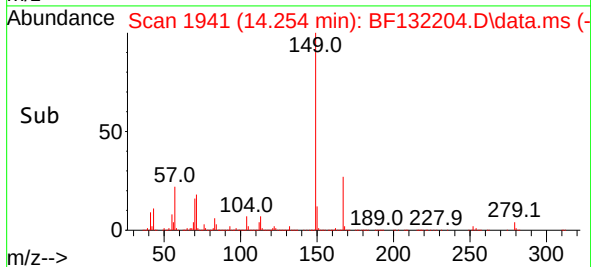
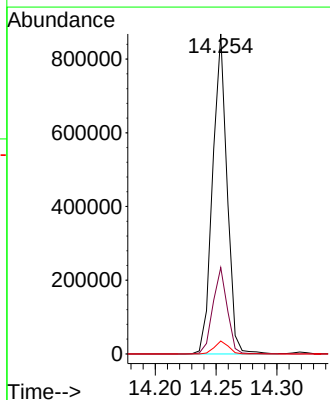
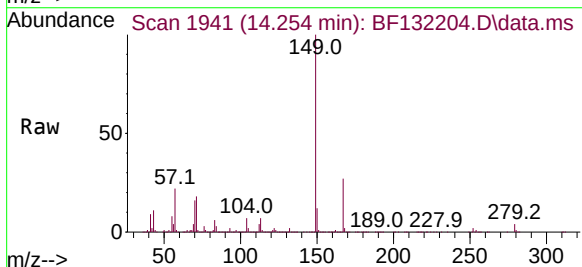
Manual Integrations
APPROVED

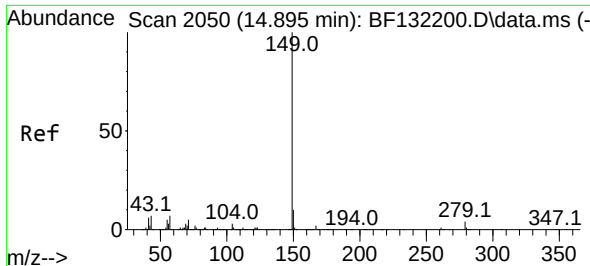
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.821 ng
RT: 14.254 min Scan# 1941
Delta R.T. -0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

Tgt Ion:149 Resp: 717236
Ion Ratio Lower Upper
149 100
167 27.0 21.7 32.5
279 4.0 2.8 4.2





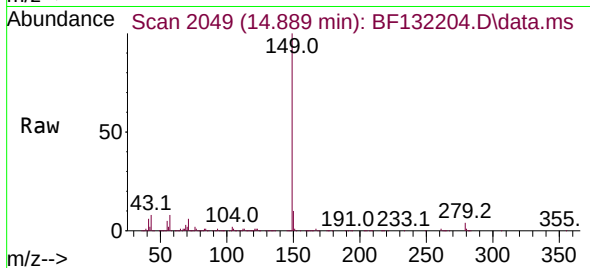
#85
Di-n-octyl phthalate
Concen: 41.911 ng
RT: 14.889 min Scan# 2049
Delta R.T. -0.006 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

Instrument :

BNA_F

ClientSampleId :

ICVBF012723

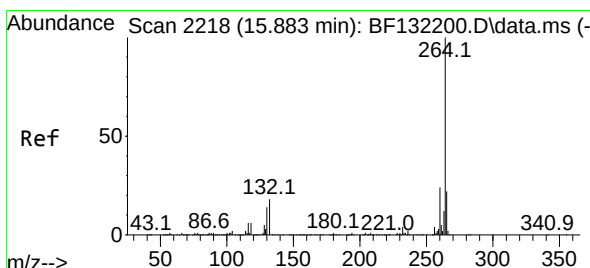
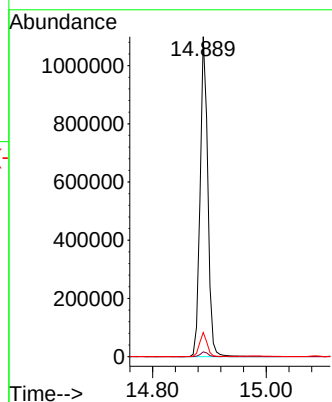
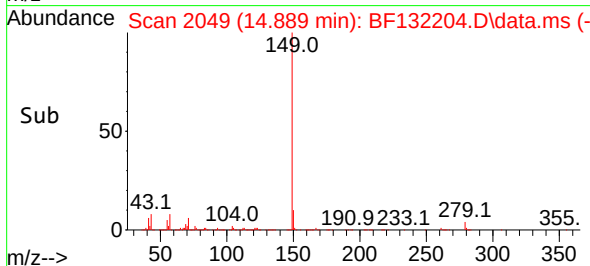


Tgt Ion:149 Resp: 1022362
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 7.6 6.6 10.0

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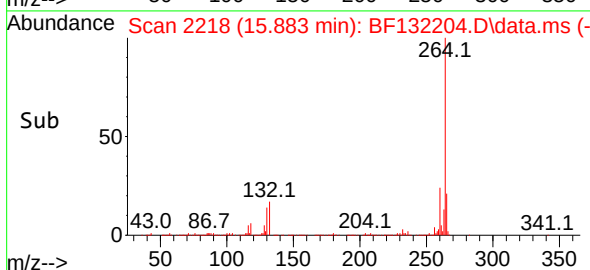
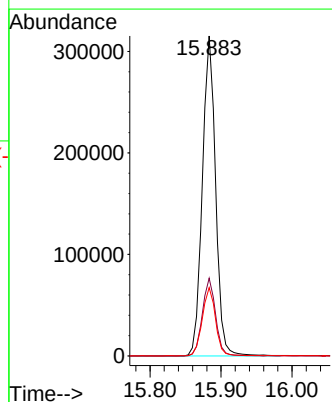
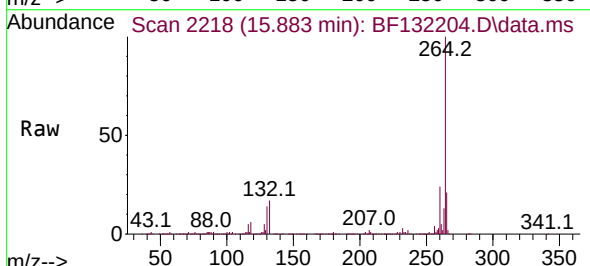
APPROVED

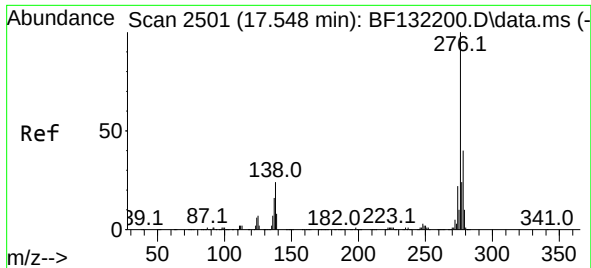
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.883 min Scan# 2218
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

Tgt Ion:264 Resp: 406712
Ion Ratio Lower Upper
264 100
260 24.3 18.8 28.2
265 21.3 17.4 26.2





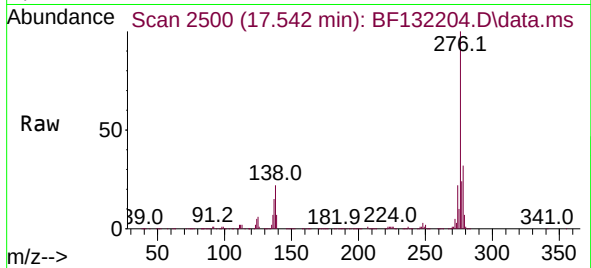
#87
Indeno(1,2,3-cd)pyrene
Concen: 44.368 ng
RT: 17.542 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

Instrument :

BNA_F

ClientSampleId :

ICVBF012723

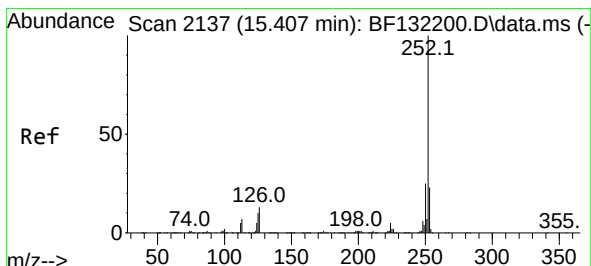
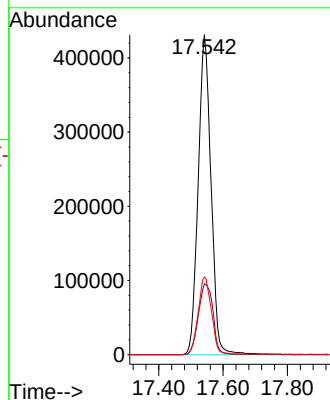
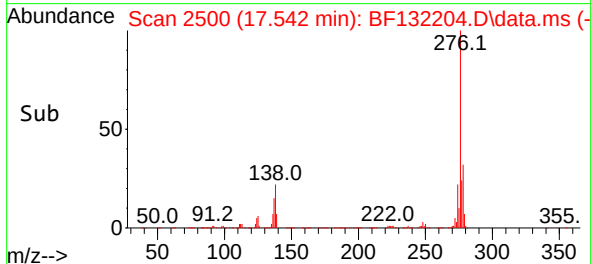


Tgt Ion:276 Resp: 1193066
Ion Ratio Lower Upper
276 100
138 25.2 21.0 31.6
277 25.0 20.0 30.0

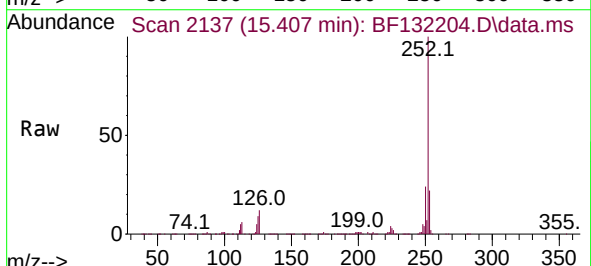
Manual Integrations

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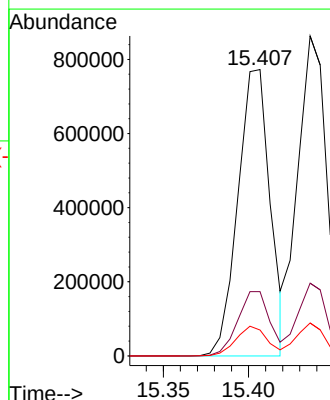
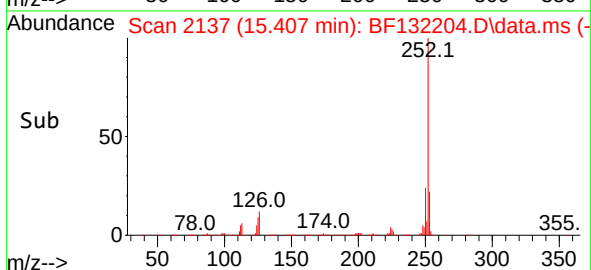
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

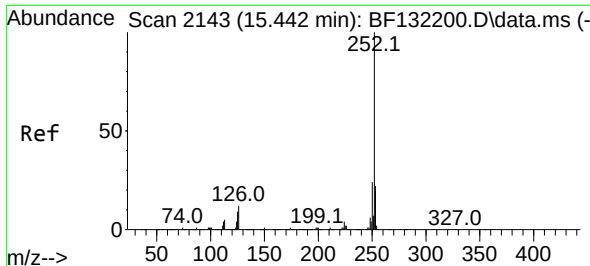


#88
Benzo(b)fluoranthene
Concen: 40.644 ng
RT: 15.407 min Scan# 2137
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17



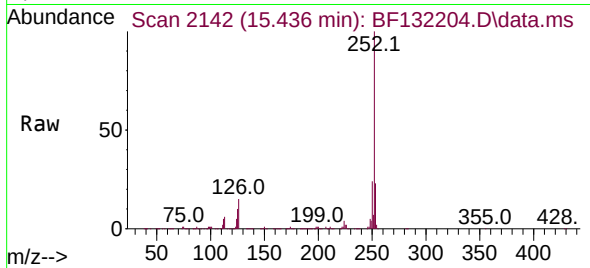
Tgt Ion:252 Resp: 1015266
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 9.0 8.2 12.4





#89
Benzo(k)fluoranthene
Concen: 40.251 ng
RT: 15.436 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

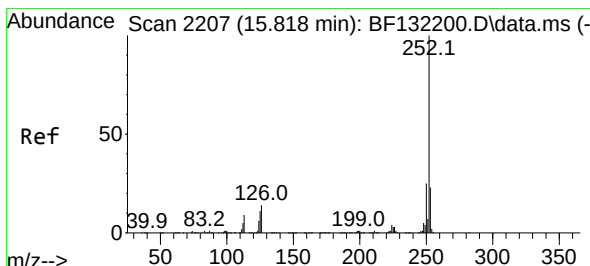
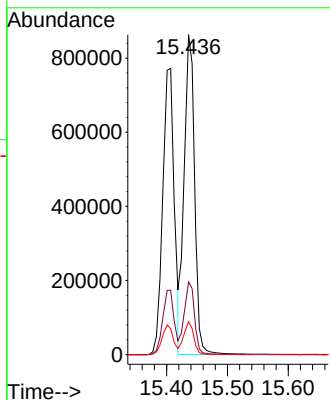
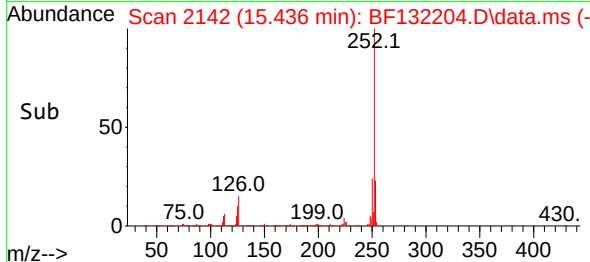
Instrument :
BNA_F
ClientSampleId :
ICVBF012723



Tgt Ion:252 Resp: 103745
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.6
125 10.3 7.7 11.5

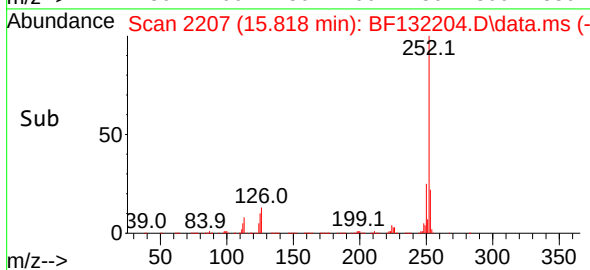
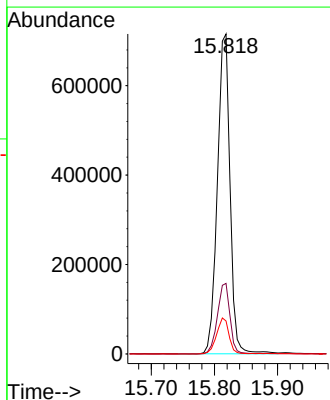
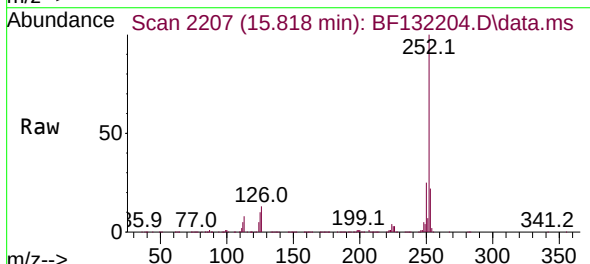
Manual Integrations
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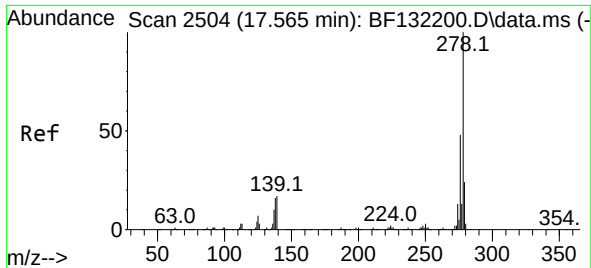
Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#90
Benzo(a)pyrene
Concen: 42.148 ng
RT: 15.818 min Scan# 2207
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

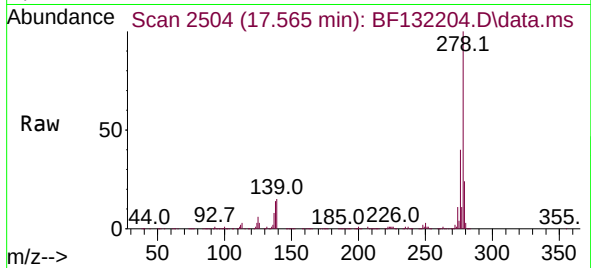
Tgt Ion:252 Resp: 993605
Ion Ratio Lower Upper
252 100
253 22.0 18.3 27.5
125 10.3 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 44.515 ng
RT: 17.565 min Scan# 2504
Delta R.T. 0.000 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

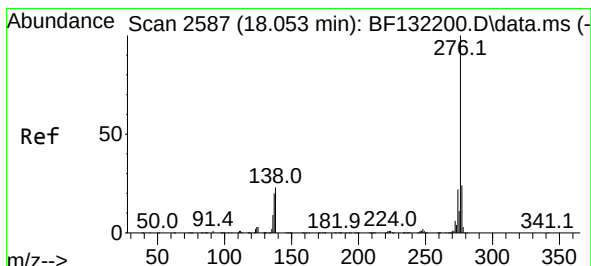
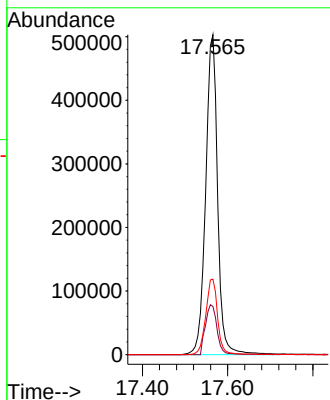
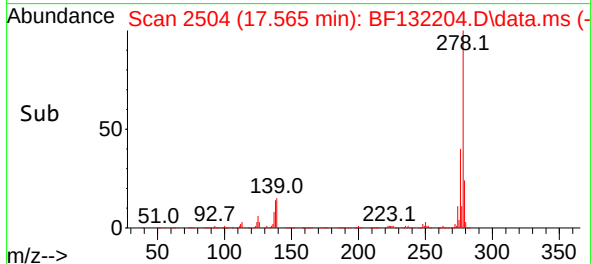
Instrument :
BNA_F
ClientSampleId :
ICVBF012723



Tgt Ion:278 Resp: 978675
Ion Ratio Lower Upper
278 100
139 15.1 13.2 19.8
279 23.6 19.1 28.7

Manual Integrations
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Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023



#92
Benzo(g,h,i)perylene
Concen: 43.535 ng
RT: 18.048 min Scan# 2586
Delta R.T. -0.006 min
Lab File: BF132204.D
Acq: 27 Jan 2023 18:17

Tgt Ion:276 Resp: 975878
Ion Ratio Lower Upper
276 100
277 24.3 19.1 28.7
138 21.9 18.3 27.5

