

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
 Data File : BF132118.D
 Acq On : 18 Jan 2023 14:23
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF011823

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/19/2023
 Supervised By : Jagrut Upadhyay 01/19/2023

Quant Time: Jan 19 00:45:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:42:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.101	152	232027	20.000	ng	0.00
21) Naphthalene-d8	8.389	136	829037	20.000	ng	0.00
39) Acenaphthene-d10	10.154	164	446098	20.000	ng	0.00
64) Phenanthrene-d10	11.648	188	868615	20.000	ng	0.00
76) Chrysene-d12	14.318	240	455659	20.000	ng	# 0.00
86) Perylene-d12	15.912	264	405415	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.719	112	998110	76.533	ng	0.00
7) Phenol-d6	6.713	99	1305250	77.472	ng	0.00
23) Nitrobenzene-d5	7.666	82	1271066	81.382	ng	0.00
42) 2,4,6-Tribromophenol	10.948	330	397483	81.437	ng	0.00
45) 2-Fluorobiphenyl	9.466	172	2056763	80.219	ng	0.00
79) Terphenyl-d14	13.248	244	2206362	78.565	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.078	88	263492	38.576	ng	100
3) Pyridine	3.819	79	723346	39.550	ng	100
4) n-Nitrosodimethylamine	3.790	42	363687	41.147	ng	97
6) Aniline	6.766	93	931139m	39.523	ng	
8) 2-Chlorophenol	6.884	128	542746	39.102	ng	100
9) Benzaldehyde	6.654	77	443975	37.506	ng	100
10) Phenol	6.725	94	681037	39.283	ng	99
11) bis(2-Chloroethyl)ether	6.831	93	581438	39.438	ng	99
12) 1,3-Dichlorobenzene	7.042	146	595733	39.000	ng	99
13) 1,4-Dichlorobenzene	7.119	146	601388	39.333	ng	98
14) 1,2-Dichlorobenzene	7.272	146	529476	36.547	ng	100
15) Benzyl Alcohol	7.236	79	560370	41.845	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.372	45	858659	39.123	ng	99
17) 2-Methylphenol	7.336	107	491867	39.373	ng	99
18) Hexachloroethane	7.613	117	226221	40.144	ng	99
19) n-Nitroso-di-n-propyla...	7.513	70	409381	38.650	ng	100
20) 3+4-Methylphenols	7.495	107	619734	39.968	ng	92
22) Acetophenone	7.507	105	728976	38.119	ng	99
24) Nitrobenzene	7.683	77	666485	40.753	ng	99
25) Isophorone	7.919	82	1257333	40.233	ng	100
26) 2-Nitrophenol	7.995	139	296686	44.524	ng	99
27) 2,4-Dimethylphenol	8.025	122	523145	39.381	ng	99
28) bis(2-Chloroethoxy)met...	8.125	93	696995	38.893	ng	100
29) 2,4-Dichlorophenol	8.236	162	493812	39.668	ng	99
30) 1,2,4-Trichlorobenzene	8.325	180	536127	39.411	ng	99
31) Naphthalene	8.413	128	1564132	38.427	ng	100
32) Benzoic acid	8.142	122	415245m	45.502	ng	
33) 4-Chloroaniline	8.448	127	696306	38.962	ng	99
34) Hexachlorobutadiene	8.519	225	360081	40.139	ng	99
35) Caprolactam	8.836	113	166097	41.061	ng	91
36) 4-Chloro-3-methylphenol	8.925	107	530921	40.901	ng	97
37) 2-Methylnaphthalene	9.101	142	1100349	38.820	ng	99
38) 1-Methylnaphthalene	9.201	142	1025589	38.510	ng	100
40) 1,2,4,5-Tetrachloroben...	9.266	216	564443	39.367	ng	99
41) Hexachlorocyclopentadiene	9.254	237	339895	44.609	ng	99
43) 2,4,6-Trichlorophenol	9.372	196	394607	42.823	ng	100

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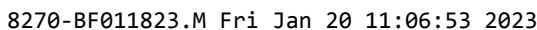
Quant Time: Jan 19 00:45:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011823.M
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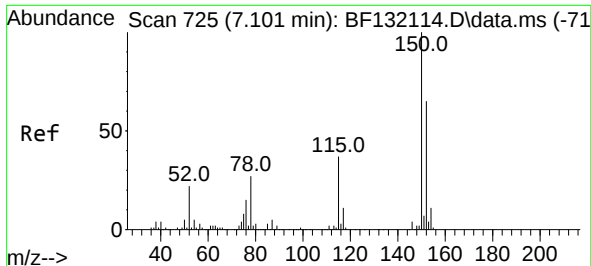
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.407	196	463101	41.125	ng	99
46) 1,1'-Biphenyl	9.566	154	1285604	39.034	ng	99
47) 2-Chloronaphthalene	9.595	162	1017563	39.595	ng	100
48) 2-Nitroaniline	9.683	65	387570	44.237	ng	99
49) Acenaphthylene	10.013	152	1626089	39.047	ng	100
50) Dimethylphthalate	9.866	163	1275789	39.341	ng	99
51) 2,6-Dinitrotoluene	9.930	165	289798	42.008	ng	86
52) Acenaphthene	10.189	154	982153	38.945	ng	99
53) 3-Nitroaniline	10.101	138	302682	41.445	ng	96
54) 2,4-Dinitrophenol	10.201	184	132109	45.072	ng	97
55) Dibenzofuran	10.360	168	1489374	38.383	ng	99
56) 4-Nitrophenol	10.242	139	227351	43.573	ng	98
57) 2,4-Dinitrotoluene	10.330	165	373379	43.819	ng	96
58) Fluorene	10.707	166	1093859	38.012	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.472	232	364320	41.105	ng	99
60) Diethylphthalate	10.566	149	1285316	39.583	ng	99
61) 4-Chlorophenyl-phenyle...	10.695	204	596359	38.556	ng	99
62) 4-Nitroaniline	10.724	138	275124	41.775	ng	94
63) Azobenzene	10.854	77	1221903	38.632	ng	99
65) 4,6-Dinitro-2-methylph...	10.742	198	195382	48.369	ng	95
66) n-Nitrosodiphenylamine	10.813	169	1013621	38.883	ng	99
67) 4-Bromophenyl-phenylether	11.189	248	390327	39.559	ng	99
68) Hexachlorobenzene	11.254	284	394074	39.697	ng	100
69) Atrazine	11.336	200	350771	39.983	ng	99
70) Pentachlorophenol	11.442	266	297799	43.664	ng	99
71) Phenanthrene	11.677	178	1668647	38.860	ng	100
72) Anthracene	11.730	178	1669634	38.241	ng	100
73) Carbazole	11.877	167	1471017	38.613	ng	99
74) Di-n-butylphthalate	12.201	149	1844718	39.874	ng	100
75) Fluoranthene	12.877	202	1778861	38.674	ng	100
77) Benzidine	12.989	184	531657	43.330	ng	98
78) Pyrene	13.107	202	1773508	40.663	ng	100
80) Butylbenzylphthalate	13.718	149	678756	44.150	ng	99
81) Benzo(a)anthracene	14.307	228	1291636	40.557	ng	99
82) 3,3'-Dichlorobenzidine	14.260	252	370566	43.743	ng	100
83) Chrysene	14.342	228	1188059	39.684	ng	99
84) Bis(2-ethylhexyl)phtha...	14.277	149	873228	43.432	ng	100
85) Di-n-octyl phthalate	14.918	149	1201410	45.565	ng	100
87) Indeno(1,2,3-cd)pyrene	17.583	276	1041858	43.616	ng	99
88) Benzo(b)fluoranthene	15.430	252	1053774	41.315	ng	99
89) Benzo(k)fluoranthene	15.465	252	999325	39.167	ng	100
90) Benzo(a)pyrene	15.842	252	955714	41.449	ng	99
91) Dibenzo(a,h)anthracene	17.606	278	848709	44.217	ng	99
92) Benzo(g,h,i)perylene	18.095	276	875109	43.759	ng	99

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

Manual Integrations

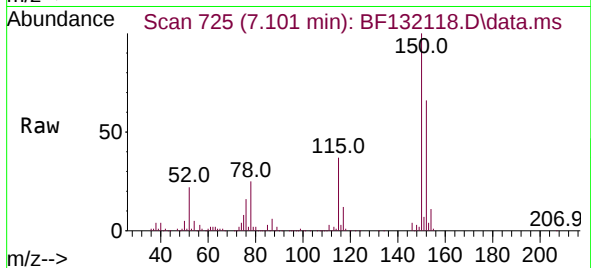
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.101 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF132118.D
 Acq: 18 Jan 2023 14:23

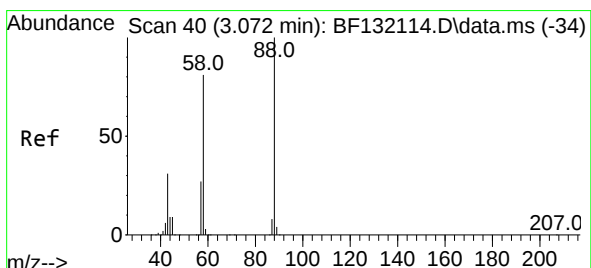
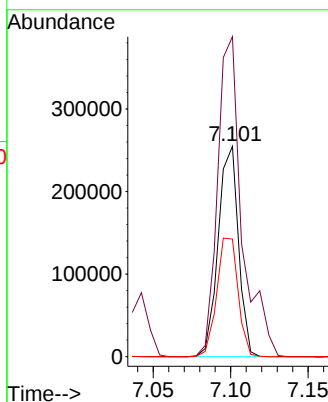
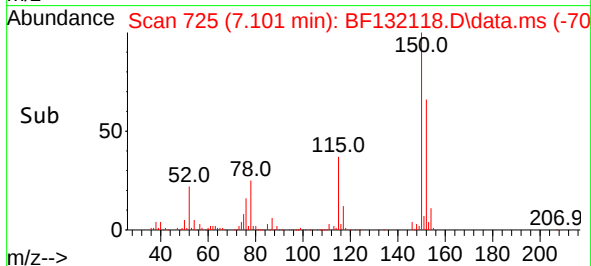
Instrument :
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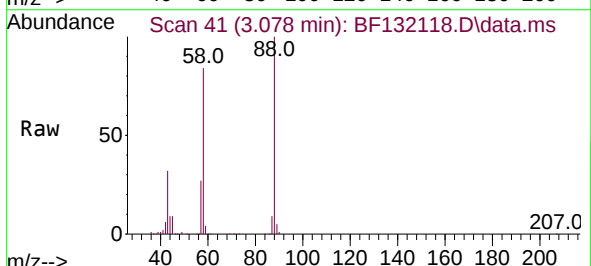
Tgt Ion:152 Resp: 23202
 Ion Ratio Lower Upper
 152 100
 150 152.2 123.3 184.9
 115 55.9 45.8 68.6

Manual Integrations
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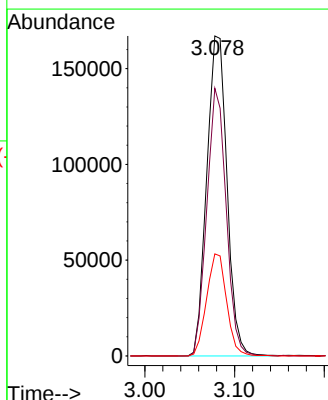
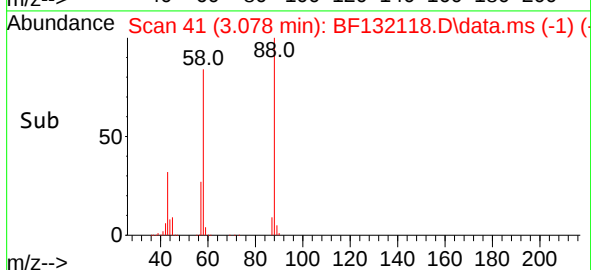
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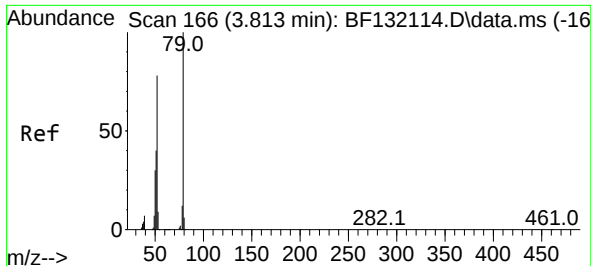


#2
 1,4-Dioxane
 Concen: 38.576 ng
 RT: 3.078 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: BF132118.D
 Acq: 18 Jan 2023 14:23



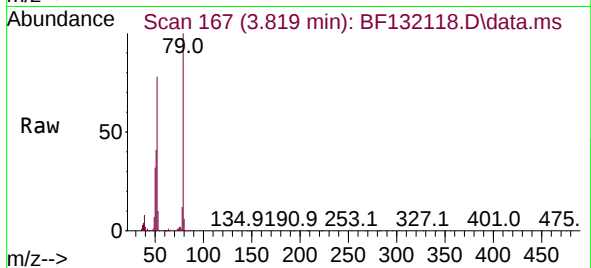
Tgt Ion: 88 Resp: 263492
 Ion Ratio Lower Upper
 88 100
 58 80.0 63.8 95.6
 43 31.4 24.7 37.1





#3
Pyridine
Concen: 39.550 ng
RT: 3.819 min Scan# 166
Delta R.T. 0.006 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

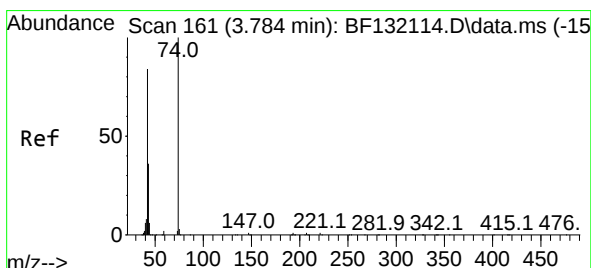
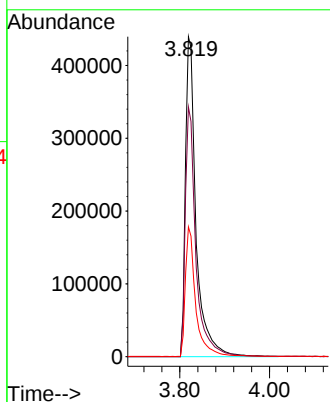
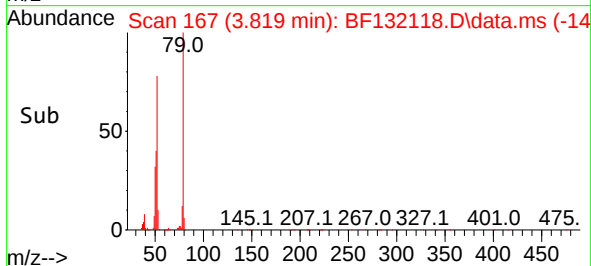
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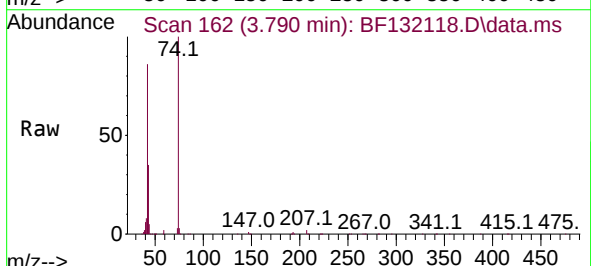
Tgt Ion: 79 Resp: 723346
Ion Ratio Lower Upper
79 100
52 78.0 62.2 93.4
51 40.5 31.9 47.9

Manual Integrations
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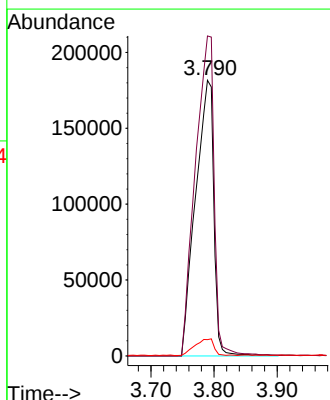
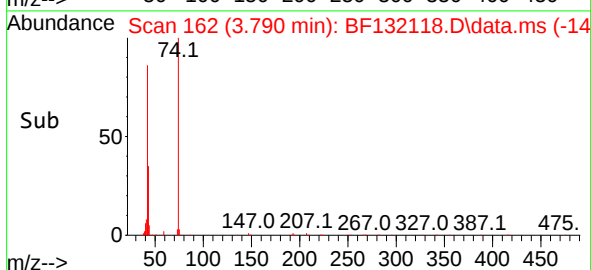
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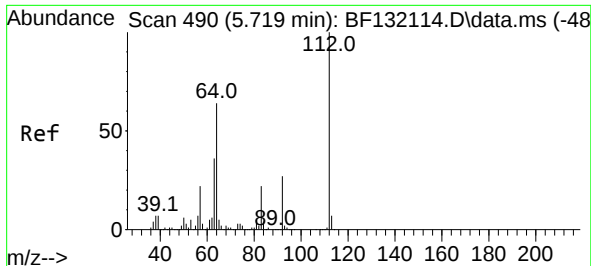


#4
n-Nitrosodimethylamine
Concen: 41.147 ng
RT: 3.790 min Scan# 162
Delta R.T. 0.006 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23



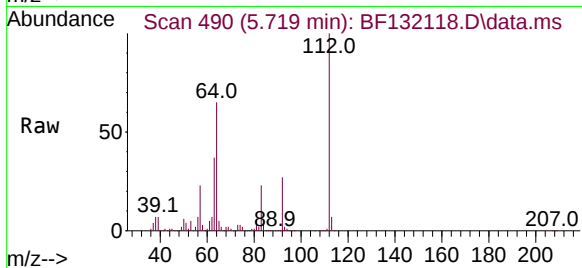
Tgt Ion: 42 Resp: 363687
Ion Ratio Lower Upper
42 100
74 116.1 95.8 143.6
44 5.9 5.6 8.4





#5
2-Fluorophenol
Concen: 76.533 ng
RT: 5.719 min Scan# 490
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

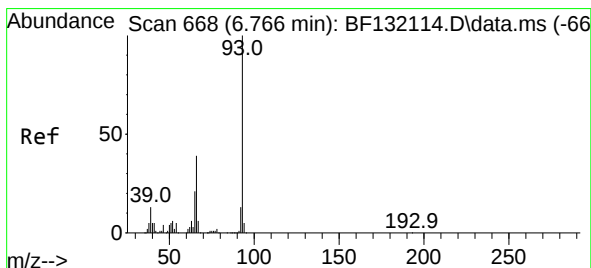
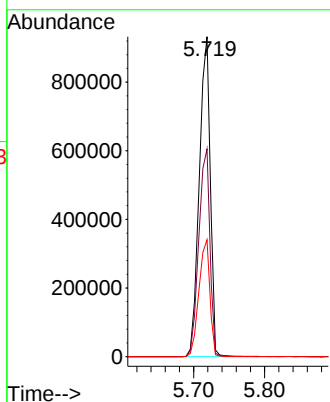
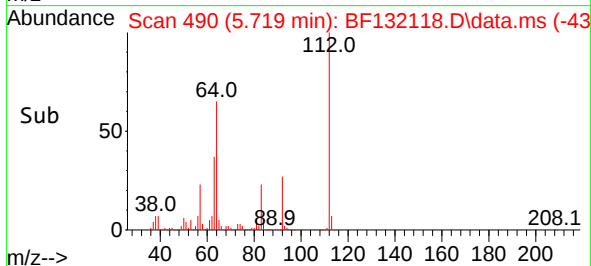
Instrument :
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Tgt Ion: 112 Resp: 998110
Ion Ratio Lower Upper
112 100
64 64.9 51.0 76.6
63 36.6 28.7 43.1

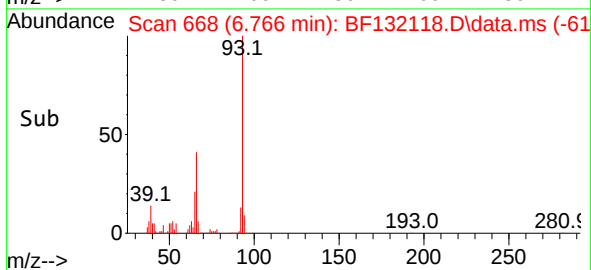
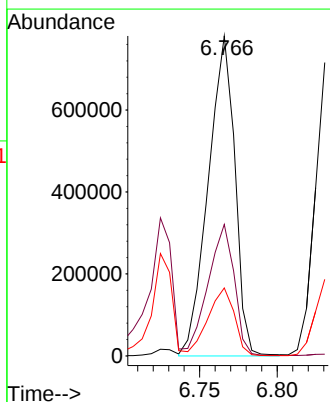
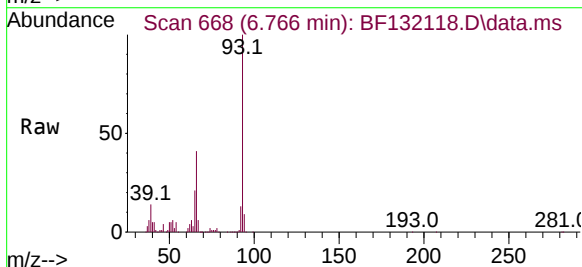
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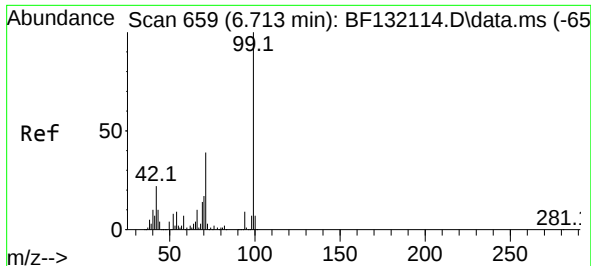
Reviewed By :Christian Giraldo 01/19/2023
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#6
Aniline
Concen: 39.523 ng m
RT: 6.766 min Scan# 668
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

Tgt Ion: 93 Resp: 931139
Ion Ratio Lower Upper
93 100
66 41.1 32.2 48.2
65 21.2 17.0 25.4





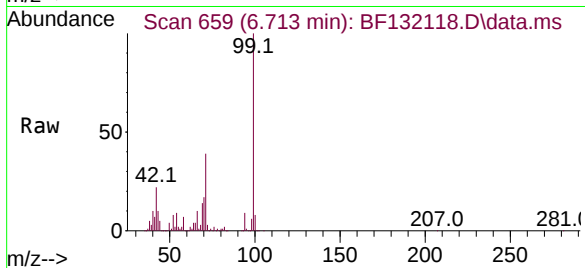
#7
Phenol-d6
Concen: 77.472 ng
RT: 6.713 min Scan# 659
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

Instrument :

BNA_F

Client Sample Id :

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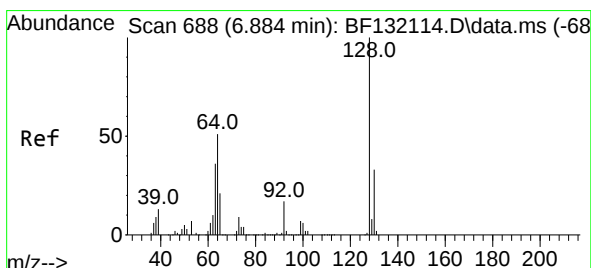
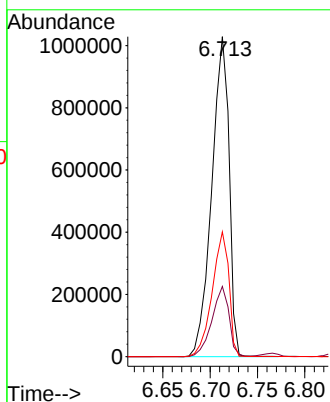
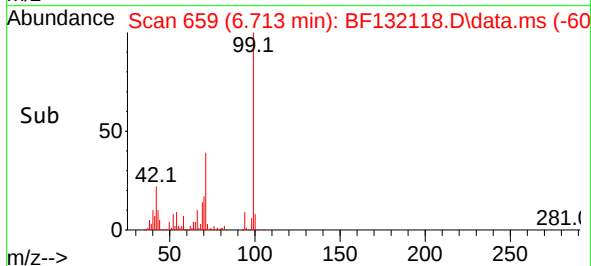


Tgt Ion: 99 Resp: 1305250
Ion Ratio Lower Upper
99 100
42 21.9 17.2 25.8
71 39.0 31.0 46.6

Manual Integrations

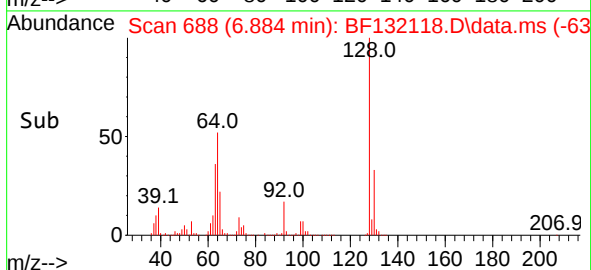
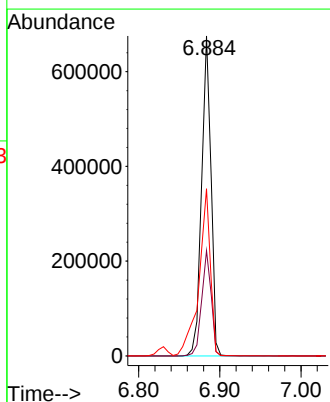
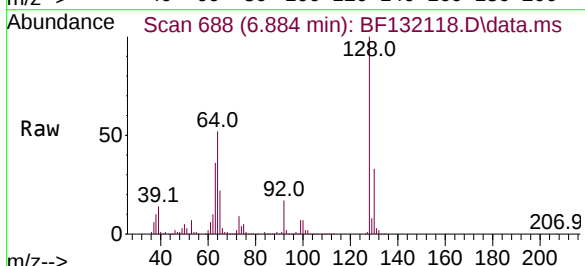
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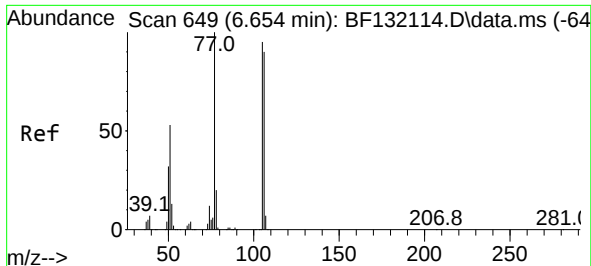
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#8
2-Chlorophenol
Concen: 39.102 ng
RT: 6.884 min Scan# 688
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

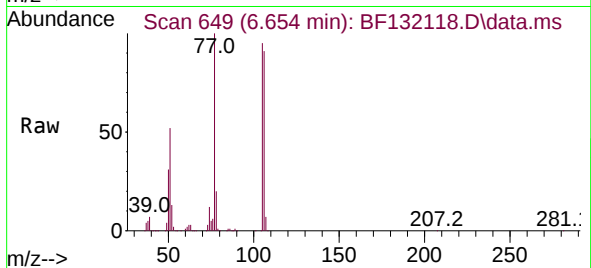
Tgt Ion:128 Resp: 542746
Ion Ratio Lower Upper
128 100
130 32.9 13.1 53.1
64 52.2 32.0 72.0





#9
Benzaldehyde
Concen: 37.506 ng
RT: 6.654 min Scan# 649
Delta R.T. 0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

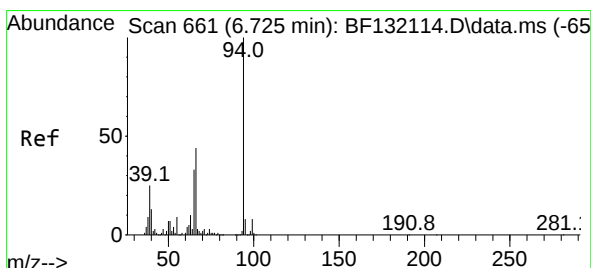
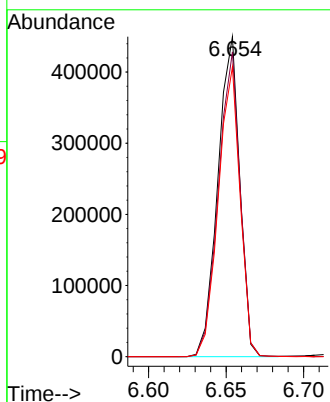
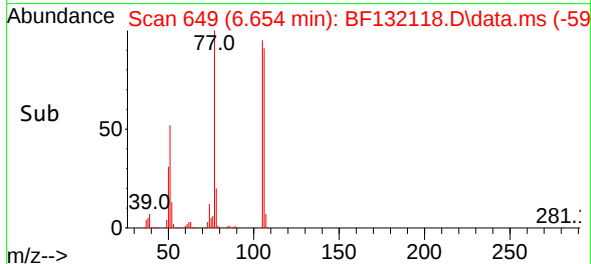
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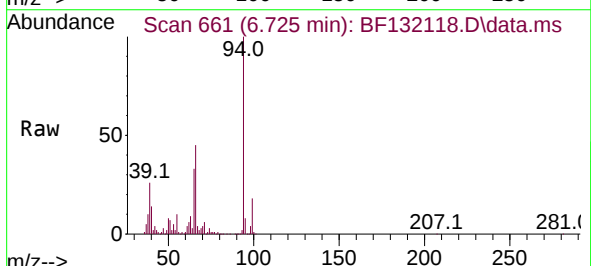
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Ion Ratio Lower Upper
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106 90.6 70.2 110.2

Manual Integrations
APPROVED

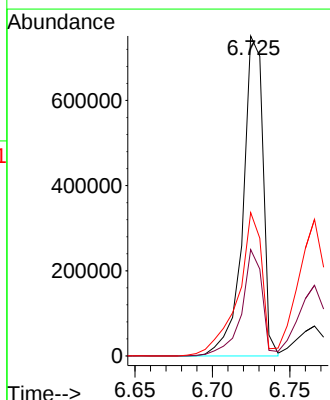
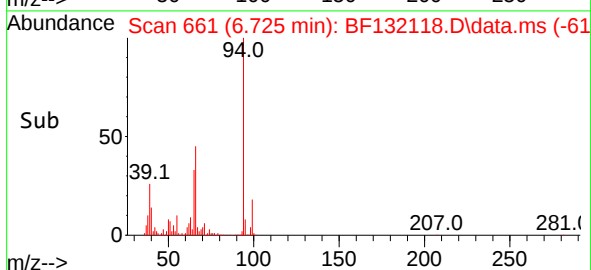
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

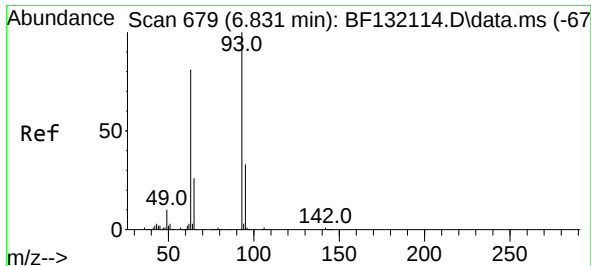


#10
Phenol
Concen: 39.283 ng
RT: 6.725 min Scan# 661
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23



Tgt Ion: 94 Resp: 681037
Ion Ratio Lower Upper
94 100
65 33.2 12.7 52.7
66 44.8 23.8 63.8





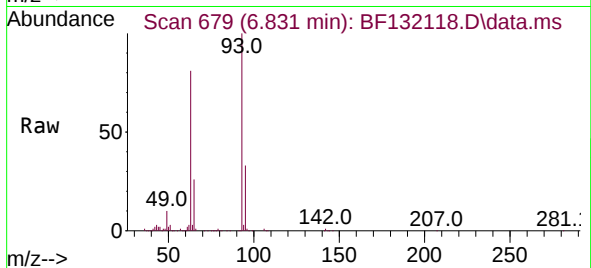
#11
bis(2-Chloroethyl)ether
Concen: 39.438 ng
RT: 6.831 min Scan# 679
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

Instrument :

BNA_F

ClientSampleId :

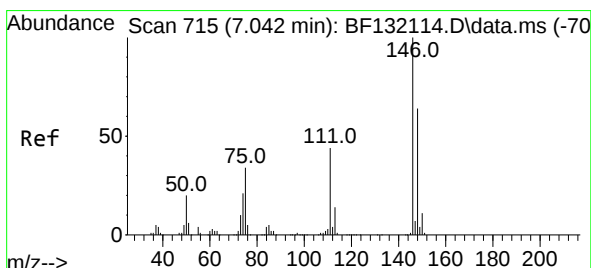
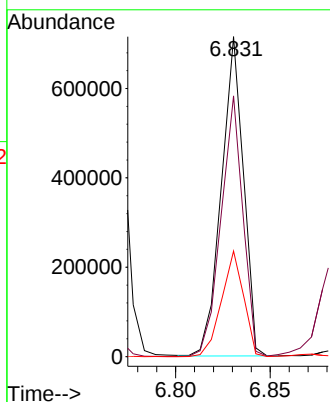
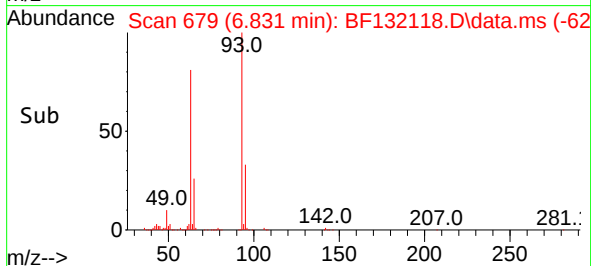
ICVBF011823



Tgt Ion: 93 Resp: 581438
Ion Ratio Lower Upper
93 100
63 81.5 60.8 100.8
95 33.0 13.1 53.1

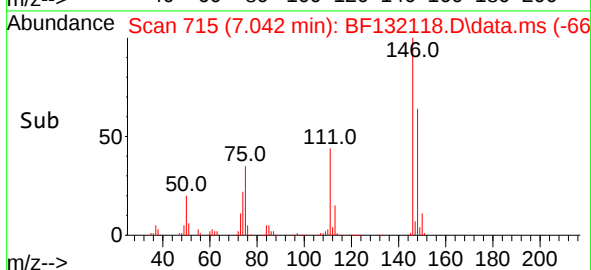
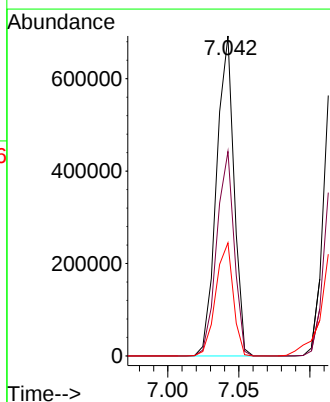
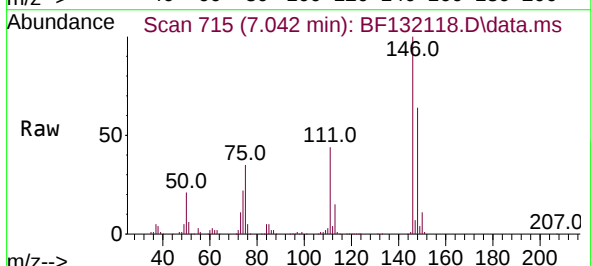
Manual Integrations
APPROVED

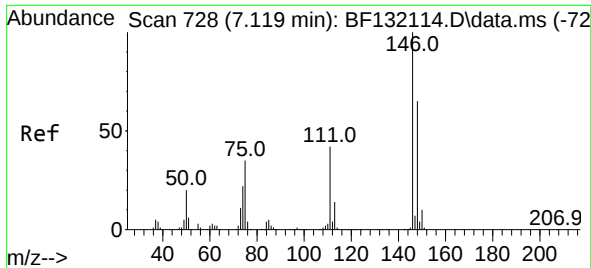
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#12
1,3-Dichlorobenzene
Concen: 39.000 ng
RT: 7.042 min Scan# 715
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

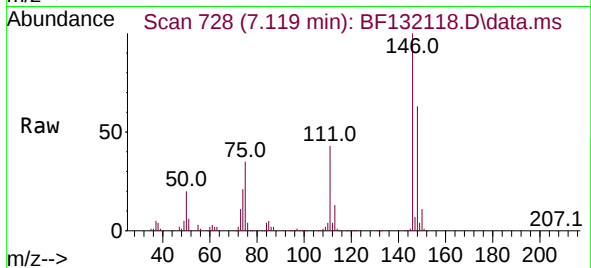
Tgt Ion:146 Resp: 595733
Ion Ratio Lower Upper
146 100
148 63.9 51.5 77.3
75 35.3 27.4 41.2





#13
1,4-Dichlorobenzene
Concen: 39.333 ng
RT: 7.119 min Scan# 713
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

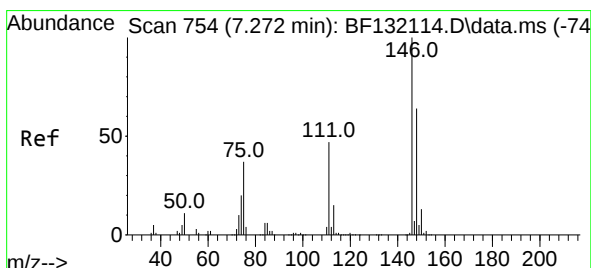
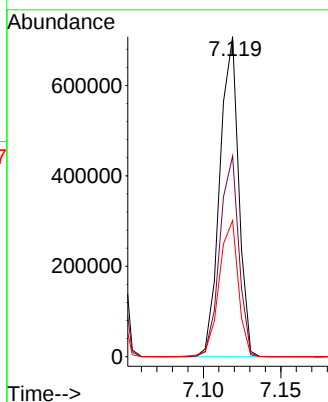
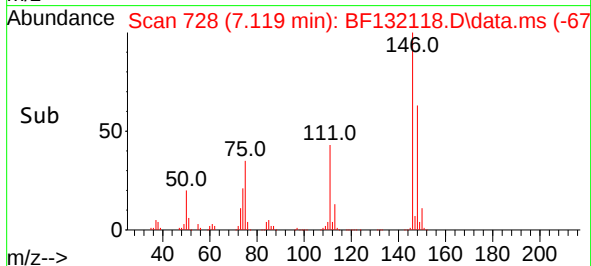
Instrument :
BNA_F
ClientSampleId :
ICVBF011823



Tgt Ion:146 Resp: 601388
Ion Ratio Lower Upper
146 100
148 62.7 51.8 77.8
111 42.5 33.2 49.8

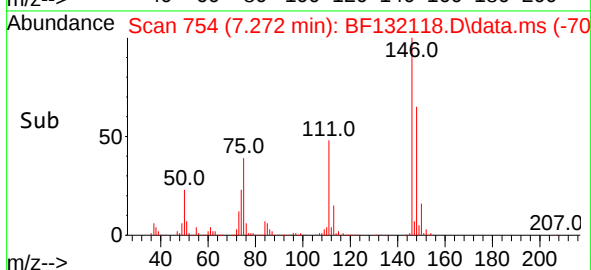
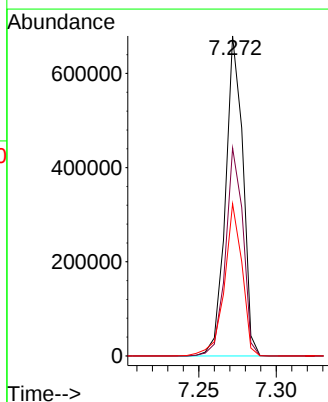
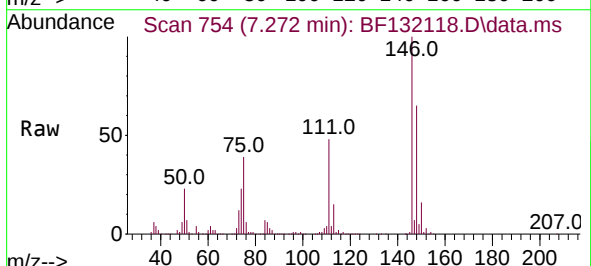
Manual Integrations
APPROVED

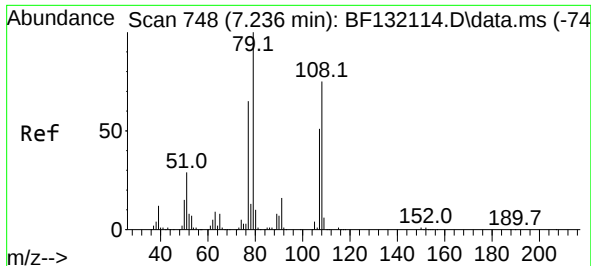
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#14
1,2-Dichlorobenzene
Concen: 36.547 ng
RT: 7.272 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

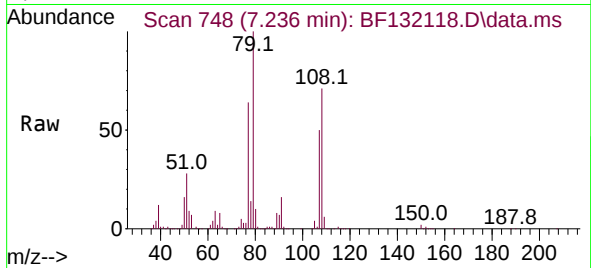
Tgt Ion:146 Resp: 529476
Ion Ratio Lower Upper
146 100
148 65.0 51.5 77.3
111 47.5 37.9 56.9





#15
Benzyl Alcohol
Concen: 41.845 ng
RT: 7.236 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

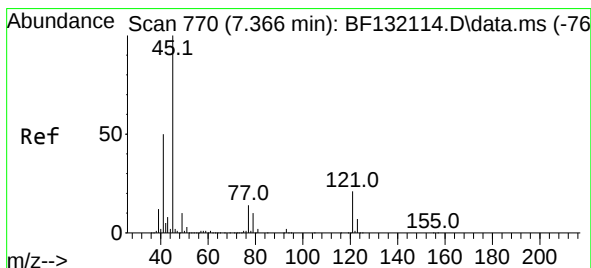
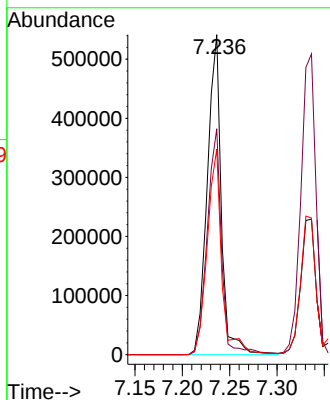
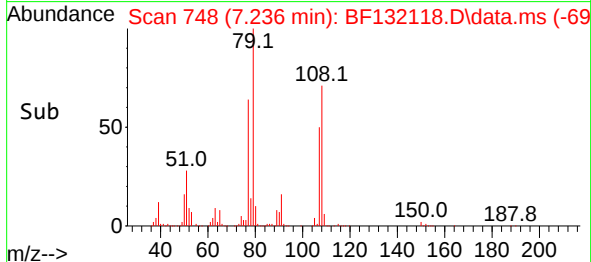
Instrument :
BNA_F
ClientSampleId :
ICVBF011823



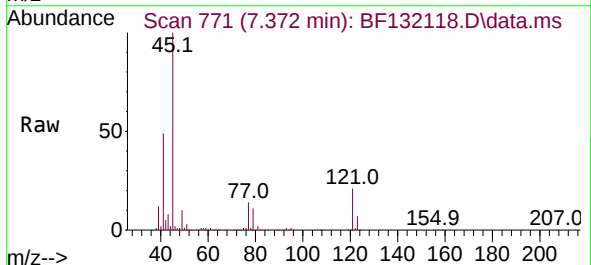
Tgt Ion: 79 Resp: 560370
Ion Ratio Lower Upper
79 100
108 70.6 59.7 89.5
77 64.2 51.9 77.9

Manual Integrations
APPROVED

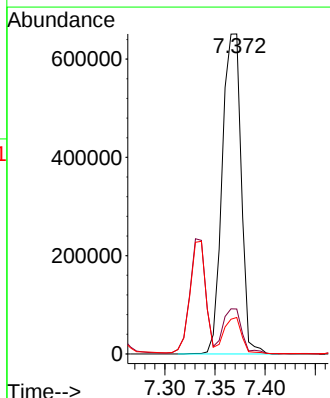
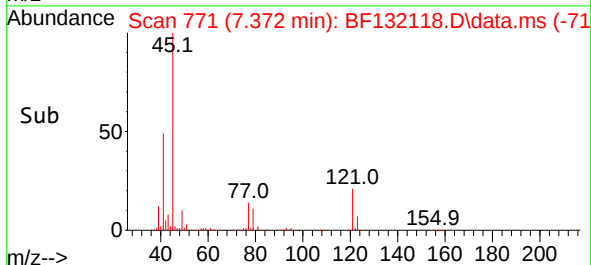
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

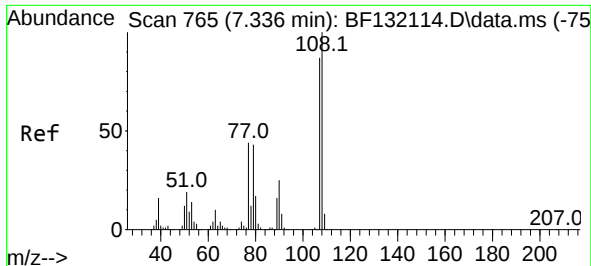


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.123 ng
RT: 7.372 min Scan# 771
Delta R.T. 0.006 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23



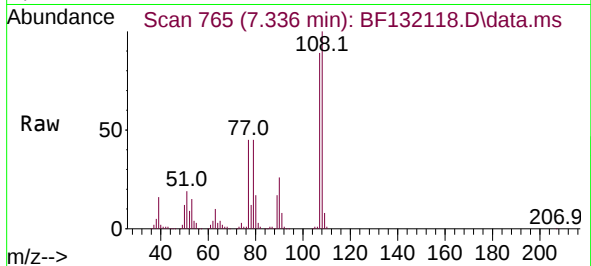
Tgt Ion: 45 Resp: 858659
Ion Ratio Lower Upper
45 100
77 14.0 0.0 34.1
79 11.4 0.0 30.5





#17
2-Methylphenol
Concen: 39.373 ng
RT: 7.336 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

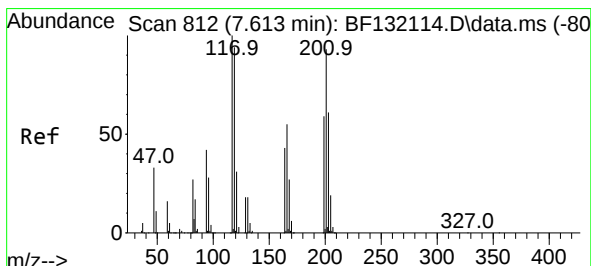
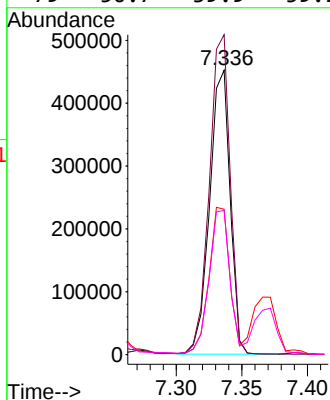
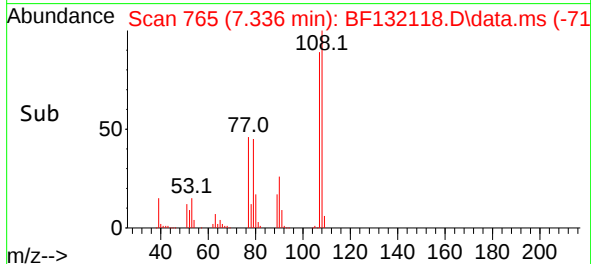
Instrument :
BNA_F
Client Sample Id :
ICVBF011823



Tgt Ion:	107	Resp:	49186
Ion Ratio	Lower	Upper	
107	100		
108	112.5	91.7	137.5
77	51.1	40.6	60.8
79	50.7	39.9	59.9

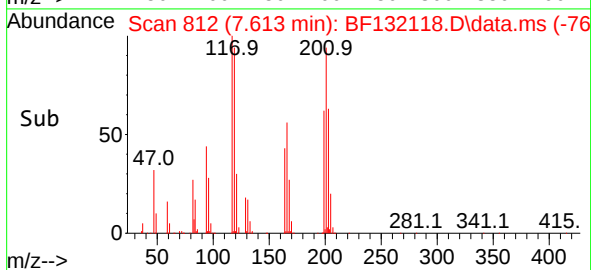
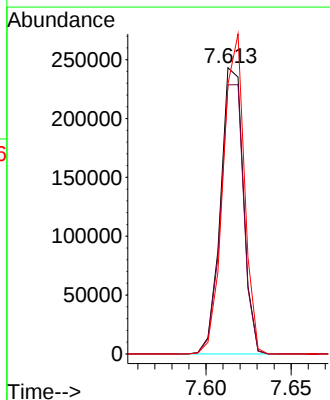
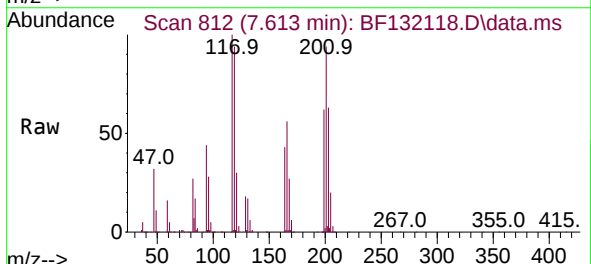
Manual Integrations
APPROVED

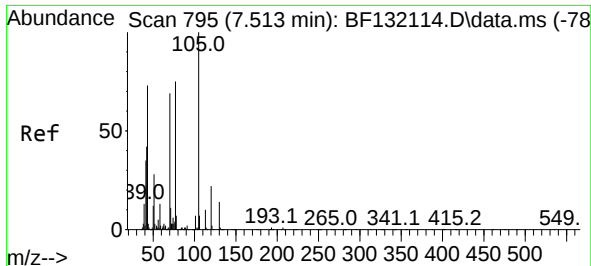
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#18
Hexachloroethane
Concen: 40.144 ng
RT: 7.613 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

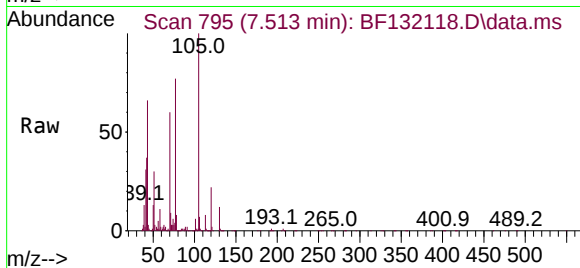
Tgt Ion:	117	Resp:	226221
Ion Ratio	Lower	Upper	
117	100		
119	94.0	75.5	113.3
201	94.3	74.0	111.0





#19
n-Nitroso-di-n-propylamine
Concen: 38.650 ng
RT: 7.513 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

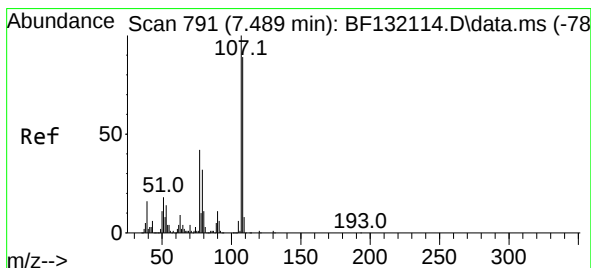
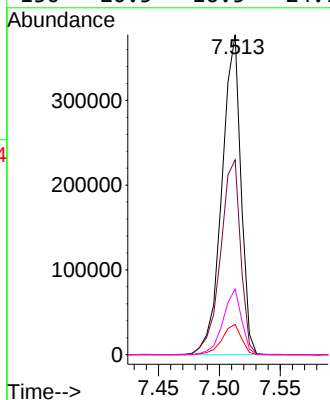
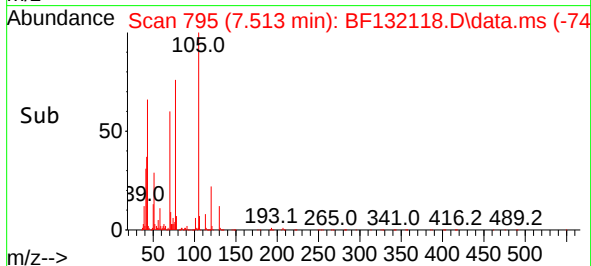
Instrument :
BNA_F
ClientSampleId :
ICVBF011823



Tgt Ion: 70 Resp: 409381
Ion Ratio Lower Upper
70 100
42 60.9 48.5 72.7
101 9.4 7.8 11.8
130 20.5 16.5 24.7

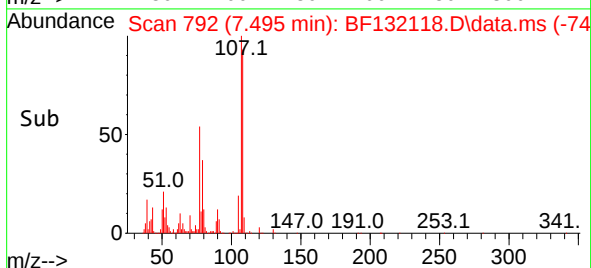
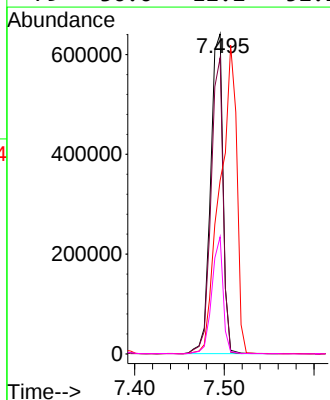
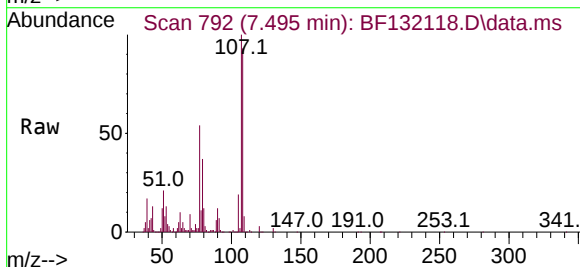
Manual Integrations
APPROVED

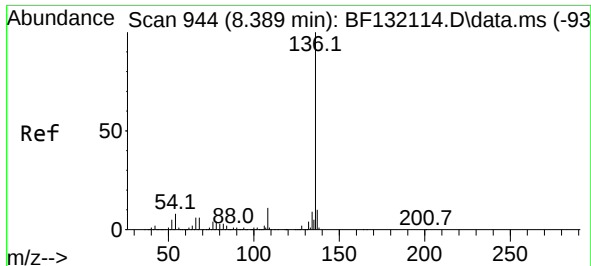
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#20
3+4-Methylphenols
Concen: 39.968 ng
RT: 7.495 min Scan# 792
Delta R.T. 0.006 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

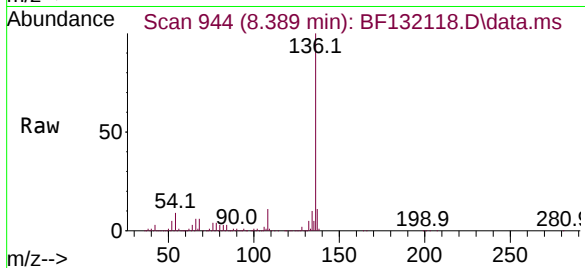
Tgt Ion:107 Resp: 619734
Ion Ratio Lower Upper
107 100
108 92.5 68.9 108.9
77 54.2 22.4 62.4
79 36.6 12.2 52.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.389 min Scan# 944
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

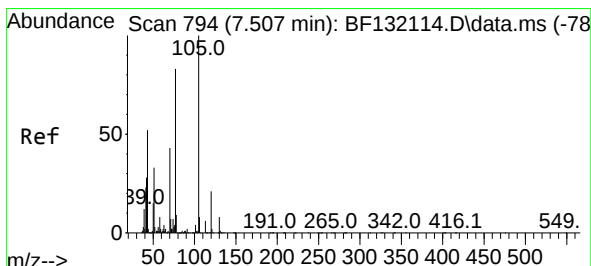
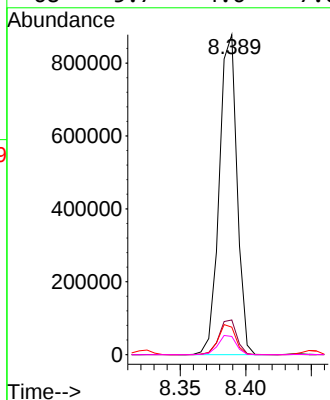
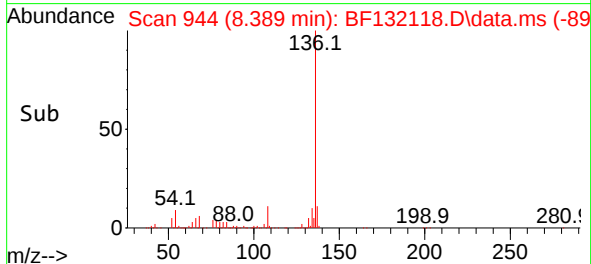
Instrument :
BNA_F
ClientSampleId :
ICVBF011823



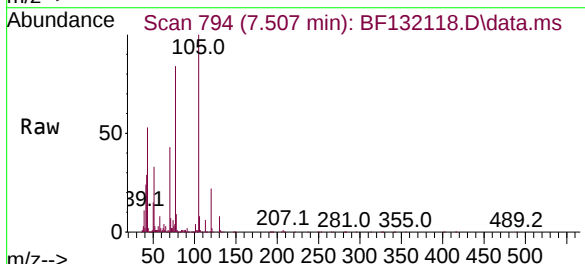
Tgt Ion:136 Resp: 829037
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.6 6.6 10.0
68 5.7 4.6 7.0

Manual Integrations
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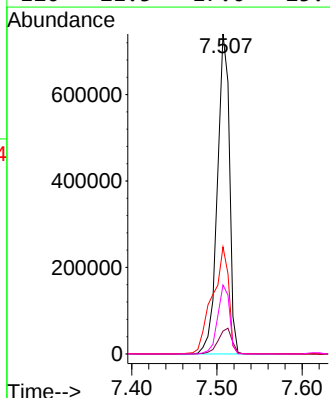
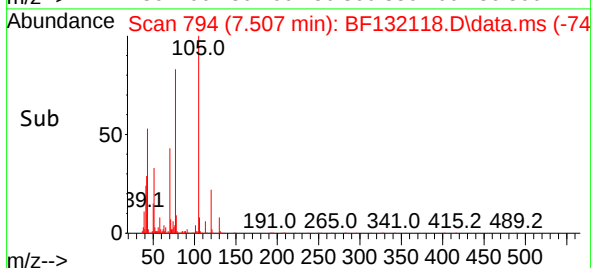
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

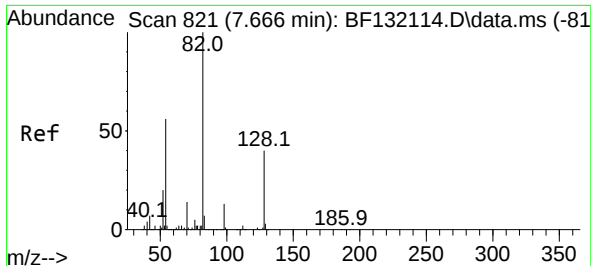


#22
Acetophenone
Concen: 38.119 ng
RT: 7.507 min Scan# 794
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23



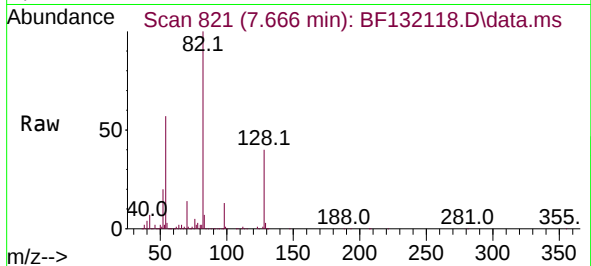
Tgt Ion:105 Resp: 728976
Ion Ratio Lower Upper
105 100
71 7.1 6.0 9.0
51 33.4 26.6 39.8
120 21.5 17.0 25.4





#23
Nitrobenzene-d5
Concen: 81.382 ng
RT: 7.666 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

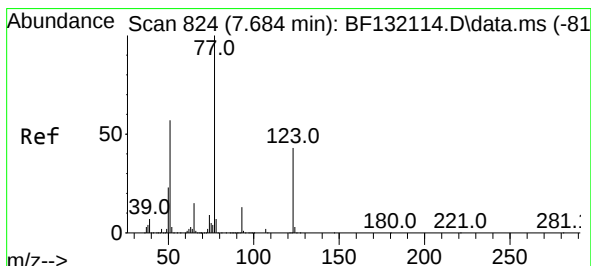
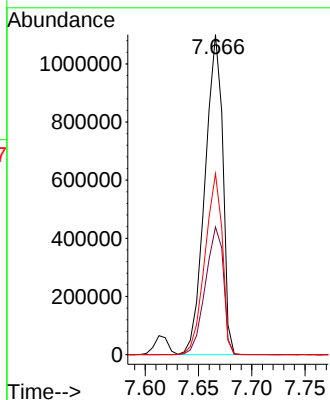
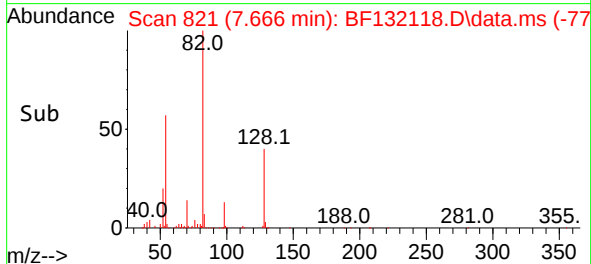
Instrument :
BNA_F
ClientSampleId :
ICVBF011823



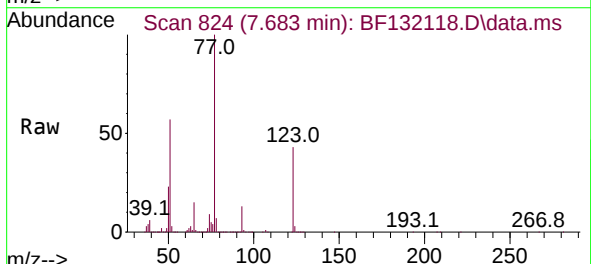
Tgt Ion: 82 Resp: 1271066
Ion Ratio Lower Upper
82 100
128 39.9 32.0 48.0
54 56.5 45.1 67.7

Manual Integrations
APPROVED

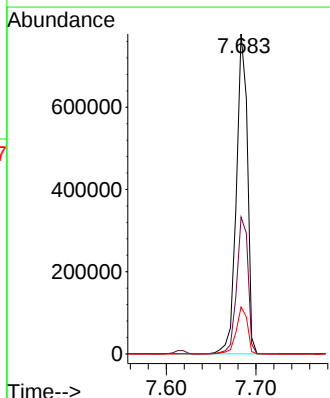
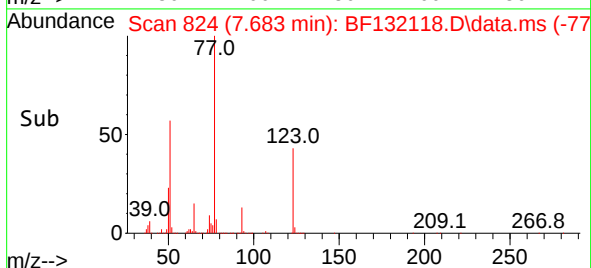
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

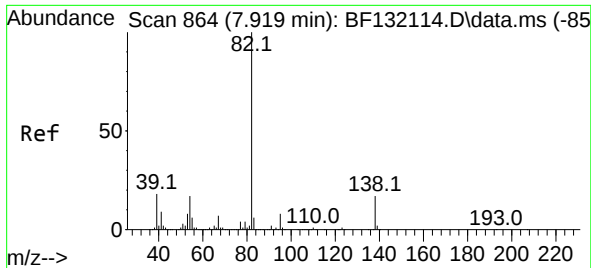


#24
Nitrobenzene
Concen: 40.753 ng
RT: 7.683 min Scan# 824
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23



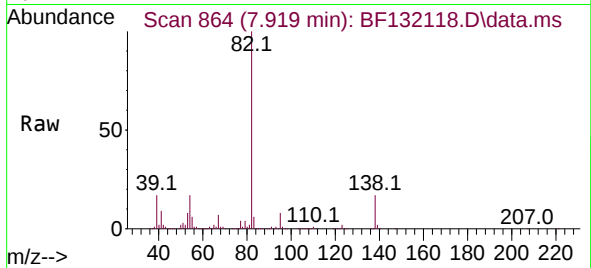
Tgt Ion: 77 Resp: 666485
Ion Ratio Lower Upper
77 100
123 42.8 34.6 52.0
65 14.7 11.8 17.8





#25
Isophorone
Concen: 40.233 ng
RT: 7.919 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

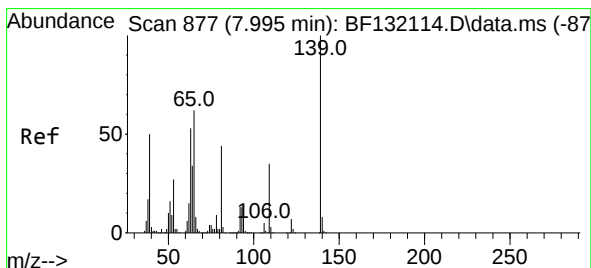
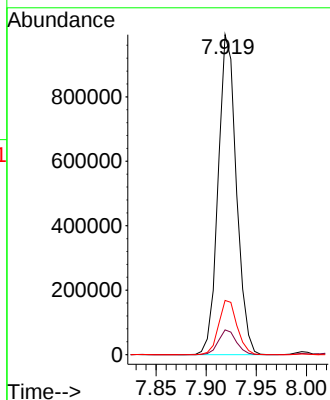
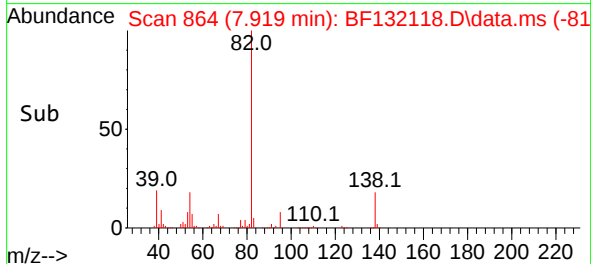
Instrument :
BNA_F
Client Sample Id :
ICVBF011823



Tgt Ion: 82 Resp: 125733
Ion Ratio Lower Upper
82 100
95 7.7 6.3 9.5
138 16.9 13.4 20.2

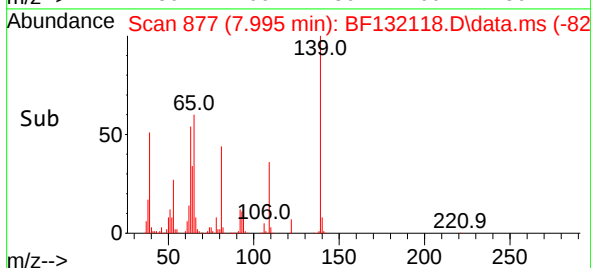
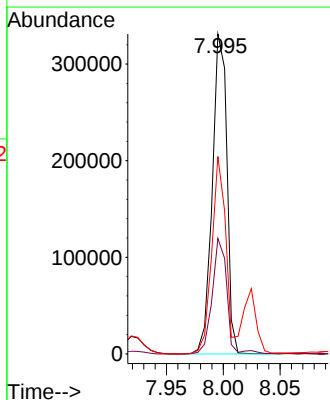
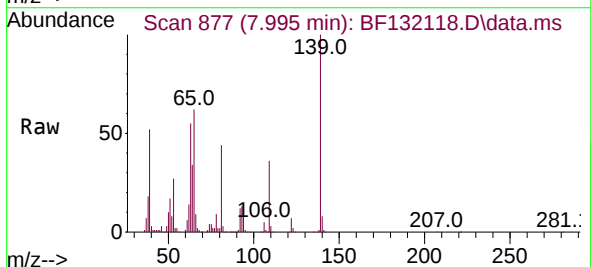
Manual Integrations
APPROVED

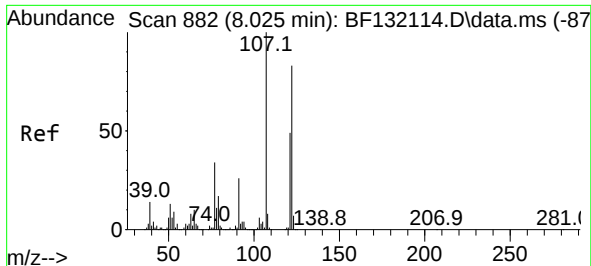
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#26
2-Nitrophenol
Concen: 44.524 ng
RT: 7.995 min Scan# 877
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

Tgt Ion:139 Resp: 296686
Ion Ratio Lower Upper
139 100
109 36.1 28.3 42.5
65 61.7 49.6 74.4





#27

2,4-Dimethylphenol

Concen: 39.381 ng

RT: 8.025 min Scan# 882

Delta R.T. -0.000 min

Lab File: BF132118.D

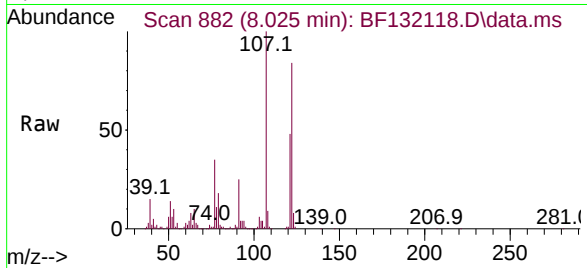
Acq: 18 Jan 2023 14:23

Instrument :

BNA_F

ClientSampleId :

ICVBF011823

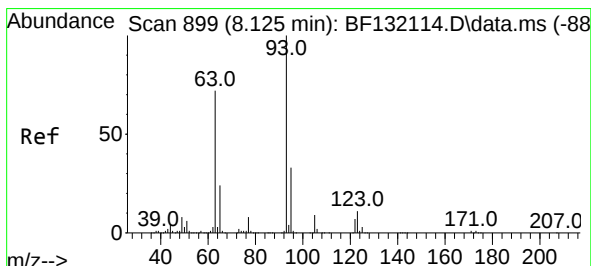
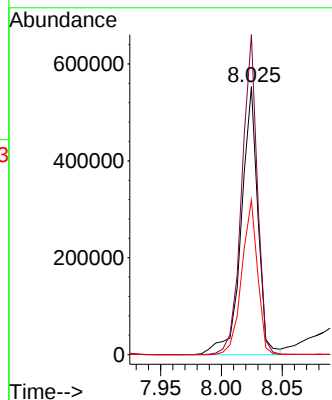
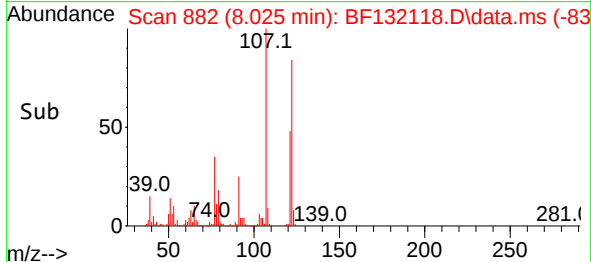


Tgt Ion	Ratio	Lower	Upper
122	100		
107	119.4	96.1	144.1
121	57.7	47.2	70.8

Manual Integrations

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Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#28

bis(2-Chloroethoxy)methane

Concen: 38.893 ng

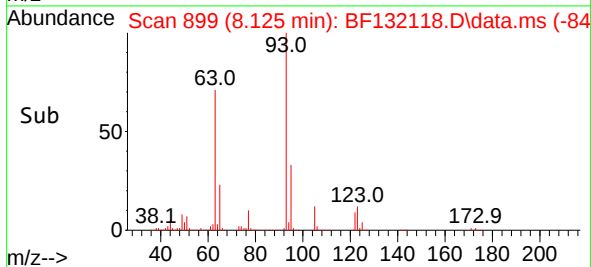
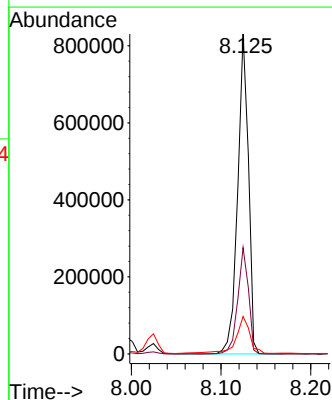
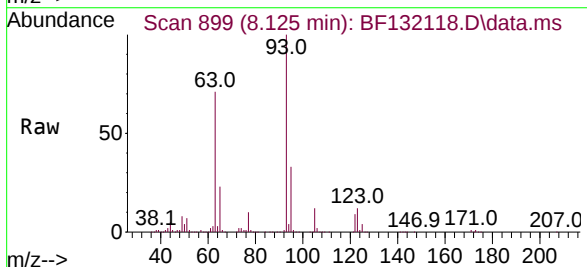
RT: 8.125 min Scan# 899

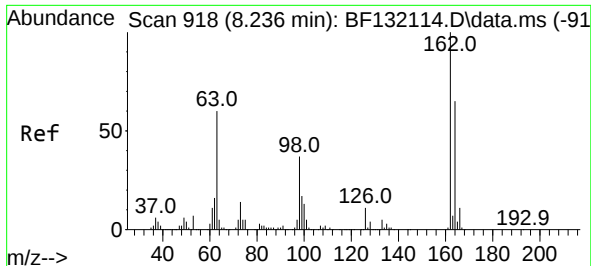
Delta R.T. -0.000 min

Lab File: BF132118.D

Acq: 18 Jan 2023 14:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.7	40.1
123	11.7	9.4	14.0





#29

2,4-Dichlorophenol

Concen: 39.668 ng

RT: 8.236 min Scan# 918

Delta R.T. -0.000 min

Lab File: BF132118.D

Acq: 18 Jan 2023 14:23

Instrument :

BNA_F

ClientSampleId :

ICVBF011823

Tgt Ion:162 Resp: 493812

Ion Ratio Lower Upper

162 100

164 65.7 45.1 85.1

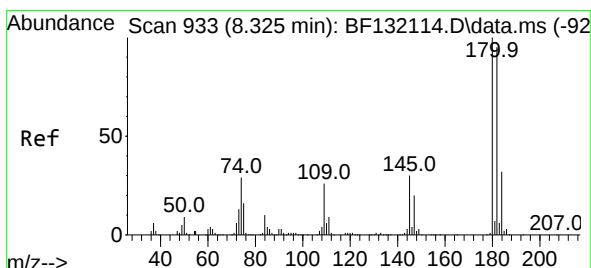
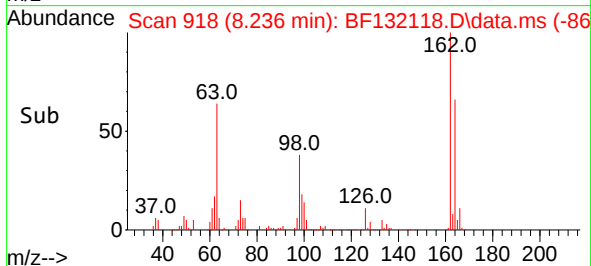
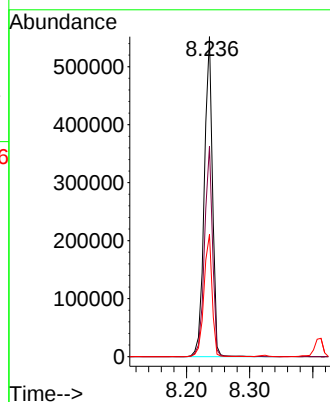
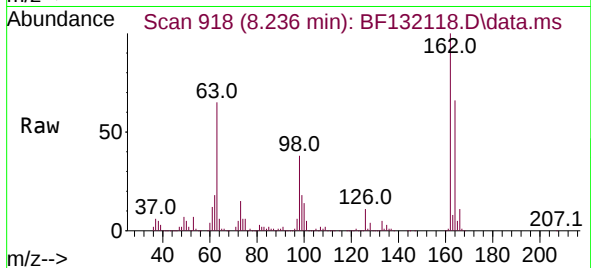
98 38.2 16.8 56.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#30

1,2,4-Trichlorobenzene

Concen: 39.411 ng

RT: 8.325 min Scan# 933

Delta R.T. -0.000 min

Lab File: BF132118.D

Acq: 18 Jan 2023 14:23

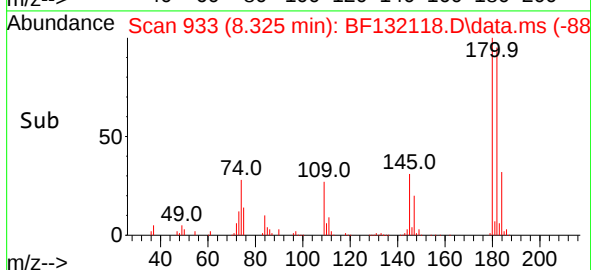
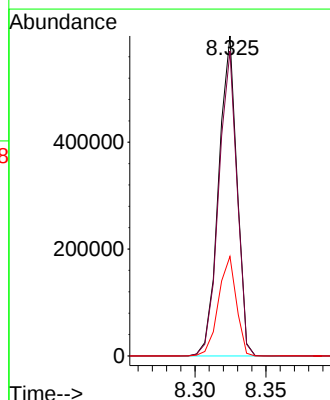
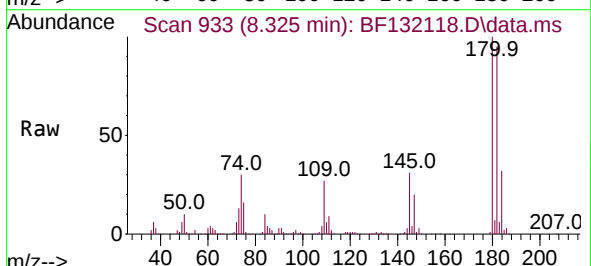
Tgt Ion:180 Resp: 536127

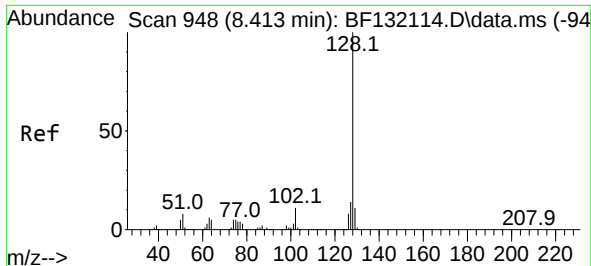
Ion Ratio Lower Upper

180 100

182 95.3 75.9 113.9

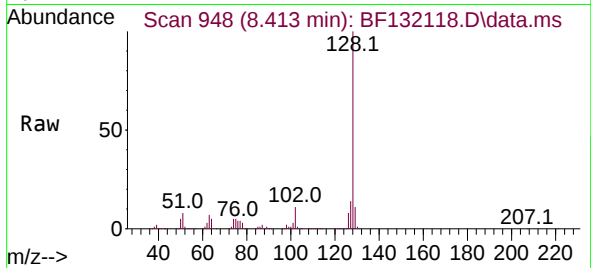
145 31.1 24.3 36.5





#31
Naphthalene
Concen: 38.427 ng
RT: 8.413 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

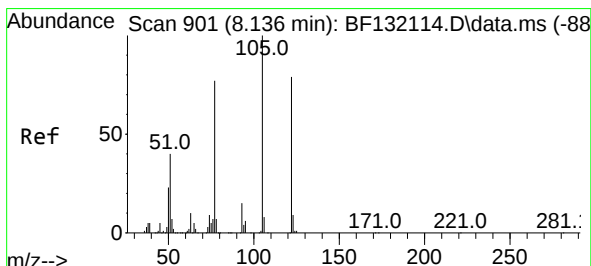
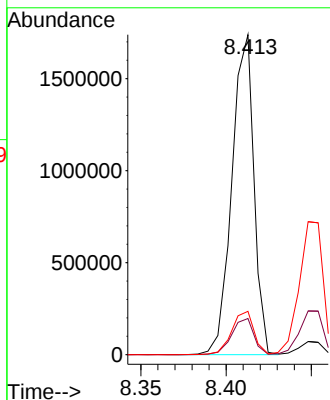
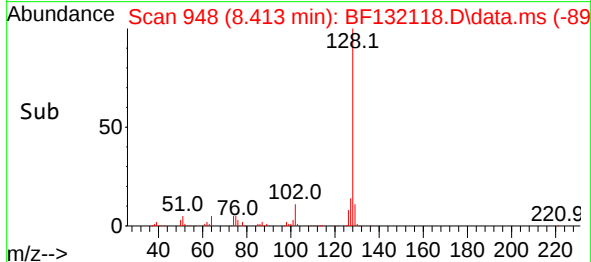
Instrument :
BNA_F
ClientSampleId :
ICVBF011823



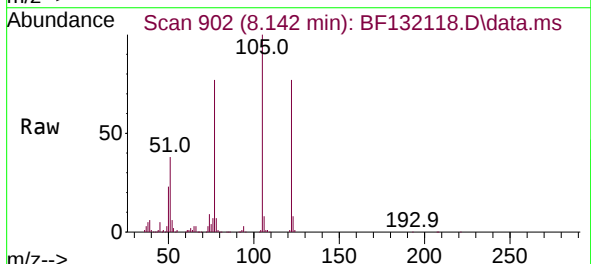
Tgt Ion:128 Resp: 1564132
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.5 10.8 16.2

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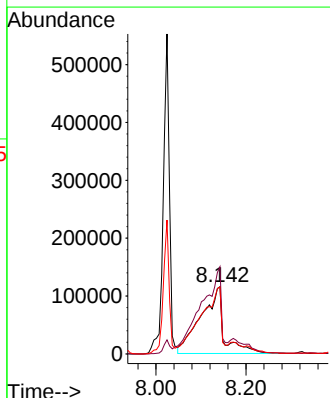
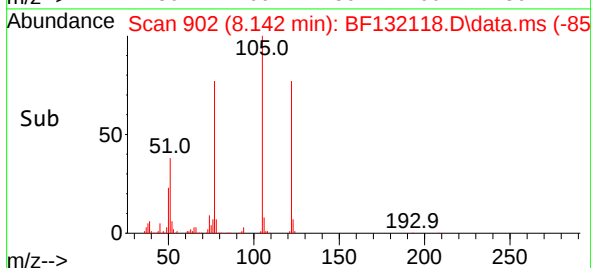
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

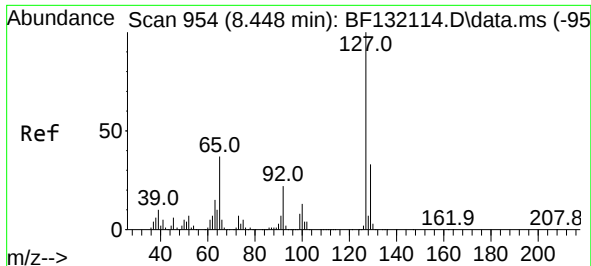


#32
Benzoic acid
Concen: 45.502 ng m
RT: 8.142 min Scan# 902
Delta R.T. 0.006 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23



Tgt Ion:122 Resp: 415245
Ion Ratio Lower Upper
122 100
105 129.8 106.2 146.2
77 99.8 77.3 117.3





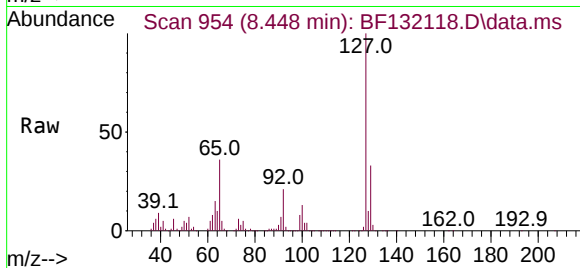
#33
4-Chloroaniline
Concen: 38.962 ng
RT: 8.448 min Scan# 954
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

Instrument :

BNA_F

ClientSampleId :

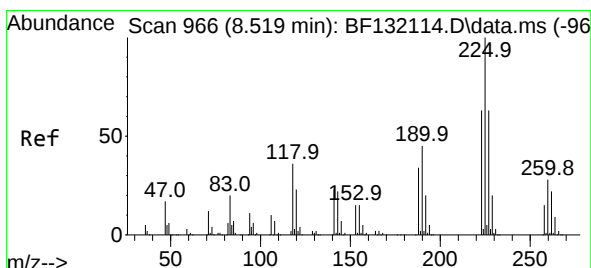
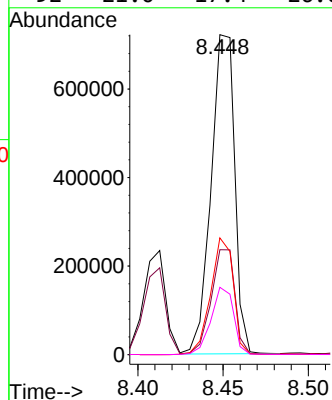
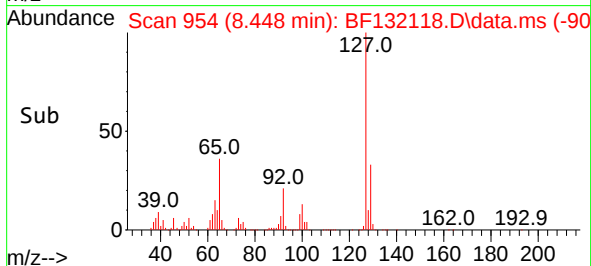
ICVBF011823



Tgt Ion:127 Resp: 696306
Ion Ratio Lower Upper
127 100
129 32.8 26.1 39.1
65 36.5 29.7 44.5
92 21.0 17.4 26.0

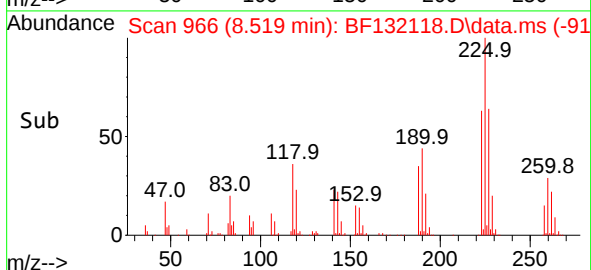
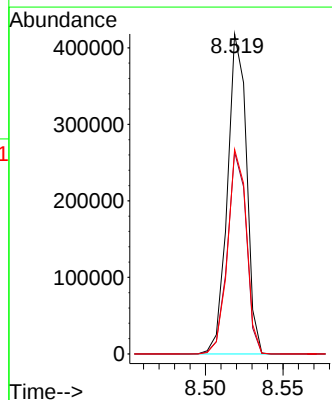
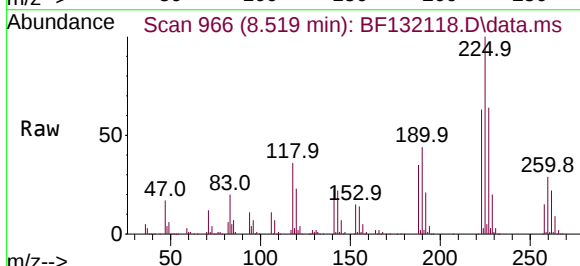
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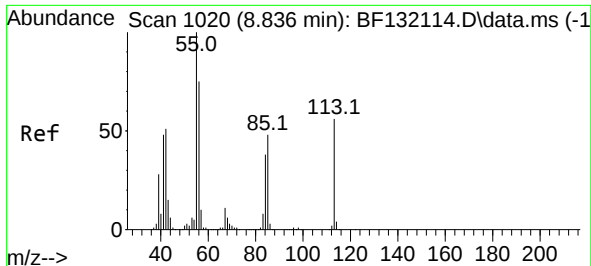
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#34
Hexachlorobutadiene
Concen: 40.139 ng
RT: 8.519 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

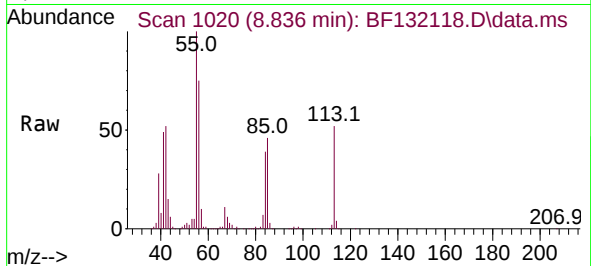
Tgt Ion:225 Resp: 360081
Ion Ratio Lower Upper
225 100
223 63.1 50.6 76.0
227 63.9 50.1 75.1





#35
Caprolactam
Concen: 41.061 ng
RT: 8.836 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

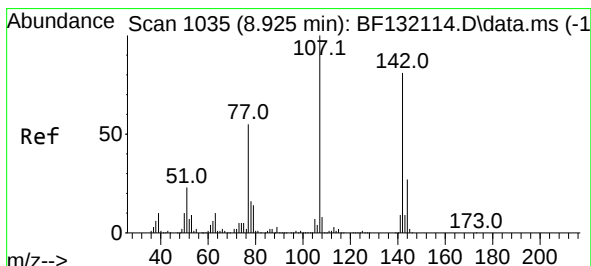
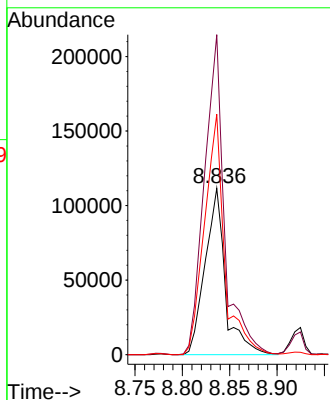
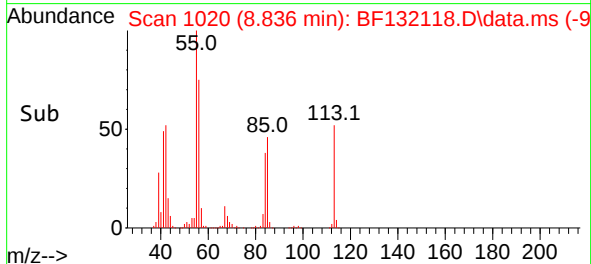
Instrument :
BNA_F
ClientSampleId :
ICVBF011823



Tgt Ion:113 Resp: 166097
Ion Ratio Lower Upper
113 100
55 192.3 159.1 199.1
56 144.5 115.0 155.0

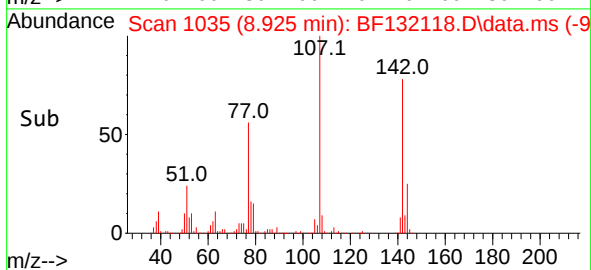
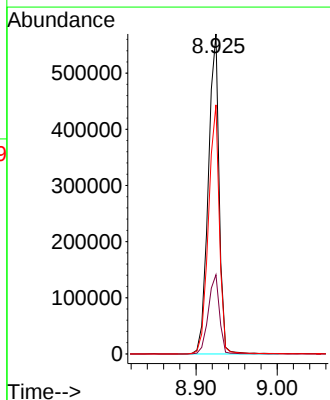
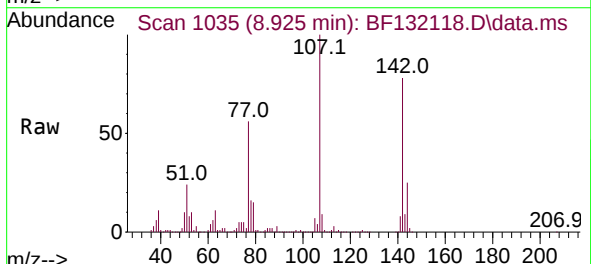
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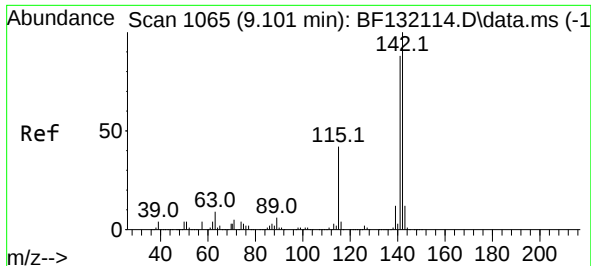
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#36
4-Chloro-3-methylphenol
Concen: 40.901 ng
RT: 8.925 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

Tgt Ion:107 Resp: 530921
Ion Ratio Lower Upper
107 100
144 24.7 21.4 32.0
142 77.8 64.6 97.0





#37

2-Methylnaphthalene

Concen: 38.820 ng

RT: 9.101 min Scan# 1065

Delta R.T. 0.000 min

Lab File: BF132118.D

Acq: 18 Jan 2023 14:23

Instrument :

BNA_F

ClientSampleId :

ICVBF011823

Tgt Ion:142 Resp: 1100349

Ion Ratio Lower Upper

142 100

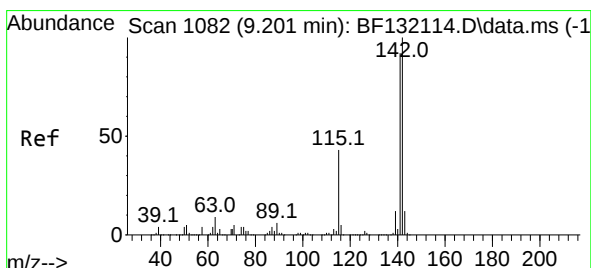
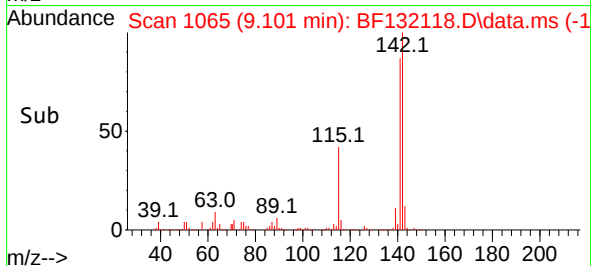
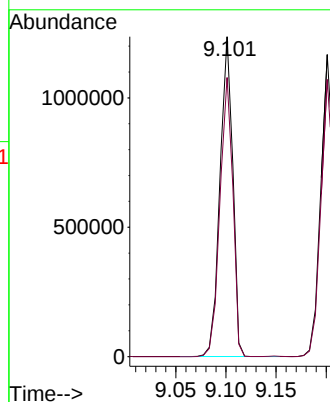
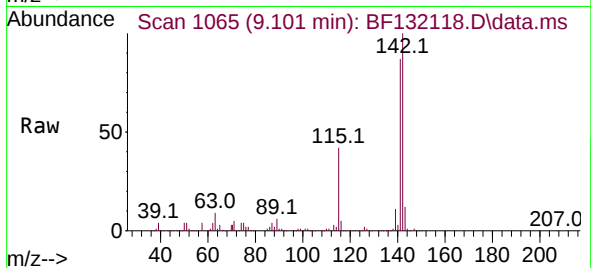
141 87.2 70.8 106.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#38

1-Methylnaphthalene

Concen: 38.510 ng

RT: 9.201 min Scan# 1082

Delta R.T. 0.000 min

Lab File: BF132118.D

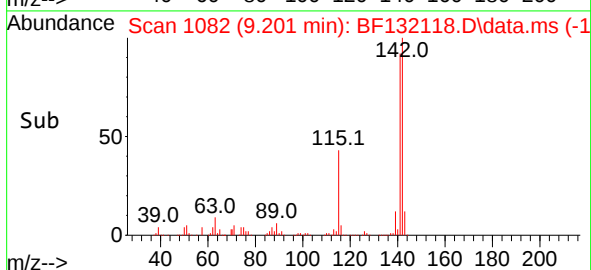
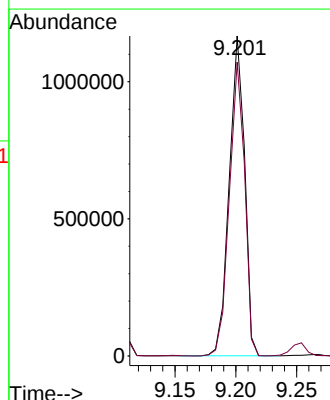
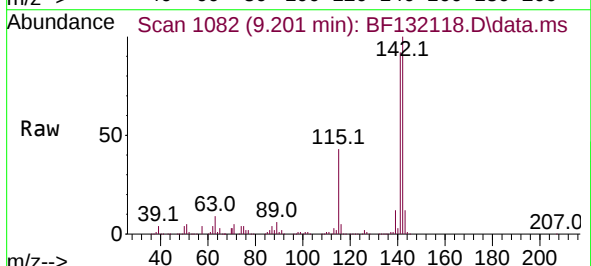
Acq: 18 Jan 2023 14:23

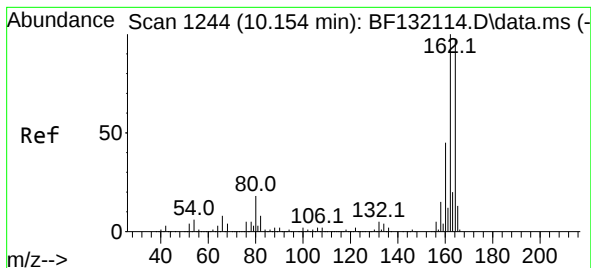
Tgt Ion:142 Resp: 1025589

Ion Ratio Lower Upper

142 100

141 91.8 73.4 110.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.154 min Scan# 1244

Delta R.T. -0.000 min

Lab File: BF132118.D

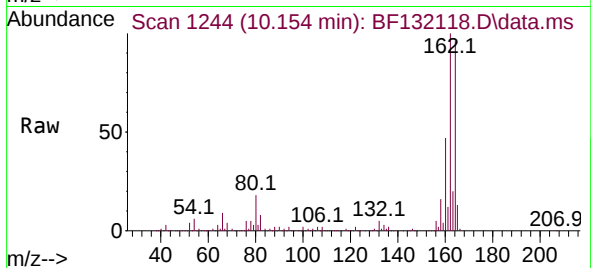
Acq: 18 Jan 2023 14:23

Instrument :

BNA_F

ClientSampleId :

ICVBF011823



Tgt Ion:164 Resp: 446098

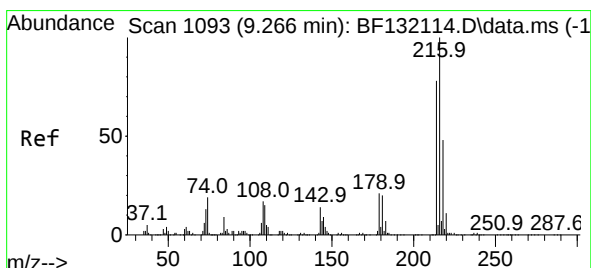
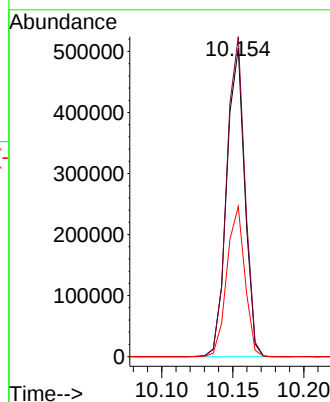
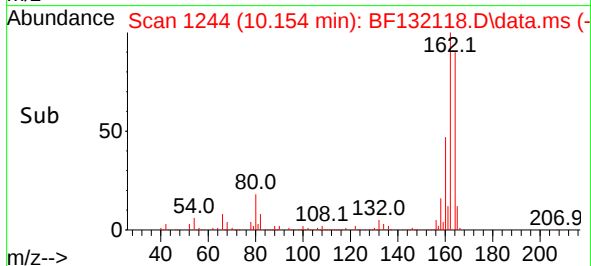
Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.3	123.5
160	48.7	37.3	55.9

Manual Integrations

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Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.367 ng

RT: 9.266 min Scan# 1093

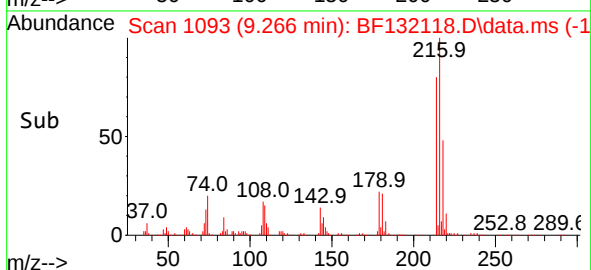
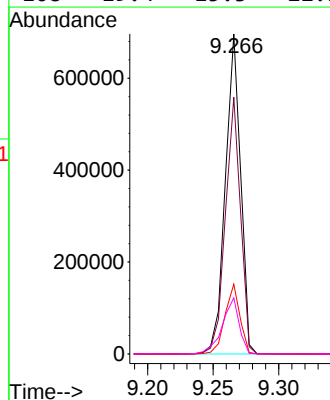
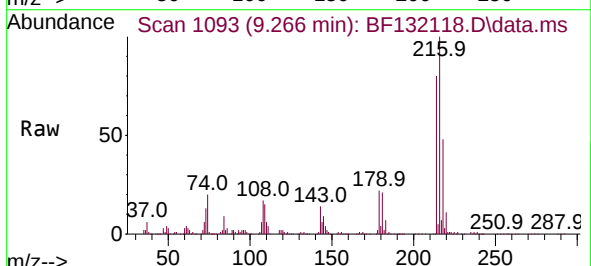
Delta R.T. -0.000 min

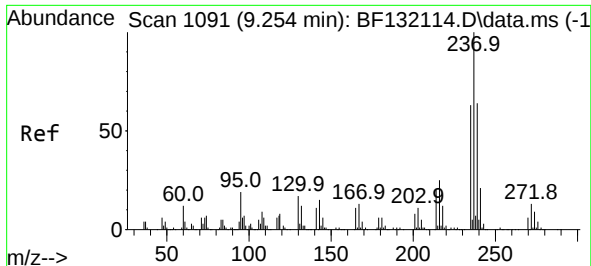
Lab File: BF132118.D

Acq: 18 Jan 2023 14:23

Tgt Ion:216 Resp: 564443

Ion	Ratio	Lower	Upper
216	100		
214	79.4	62.8	94.2
179	21.3	16.8	25.2
108	19.4	15.3	22.9





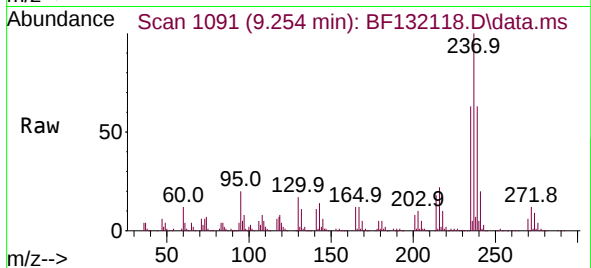
#41
Hexachlorocyclopentadiene
Concen: 44.609 ng
RT: 9.254 min Scan# 1091
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

Instrument :

BNA_F

ClientSampleId :

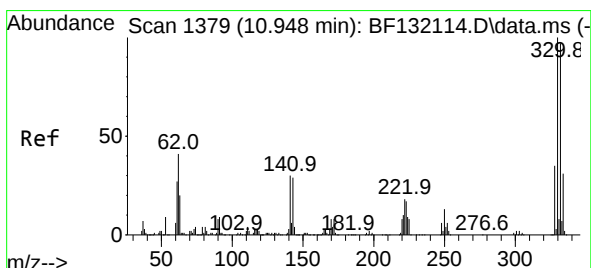
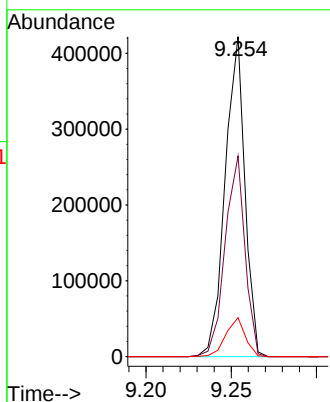
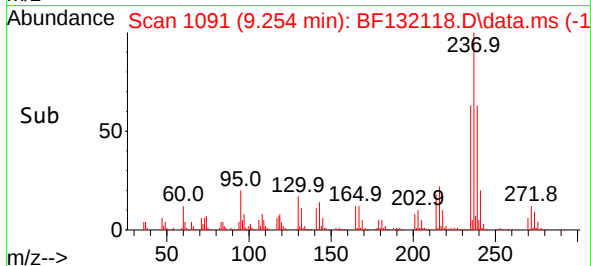
ICVBF011823



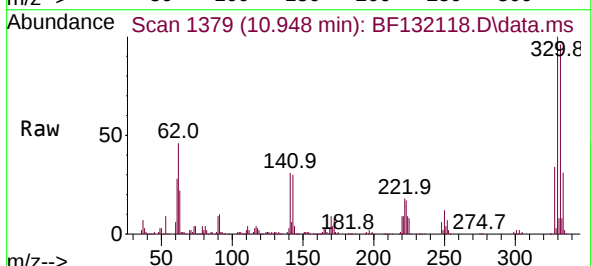
Tgt Ion:237 Resp: 339895
Ion Ratio Lower Upper
237 100
235 62.7 43.2 83.2
272 12.2 0.0 32.6

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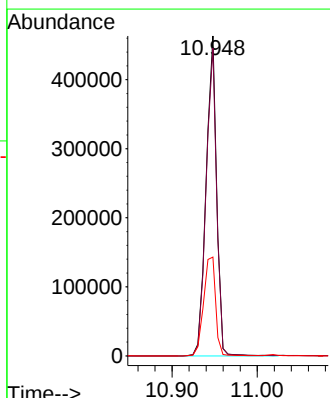
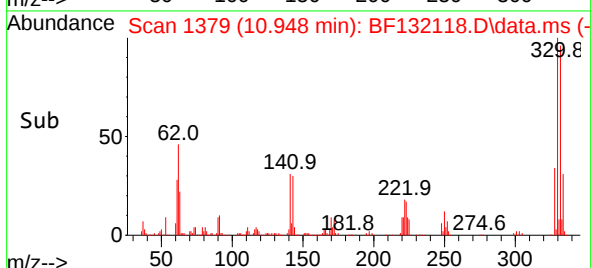
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

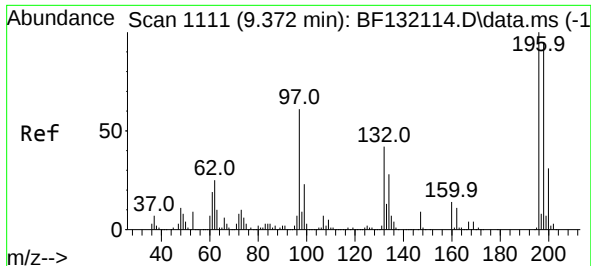


#42
2,4,6-Tribromophenol
Concen: 81.437 ng
RT: 10.948 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23



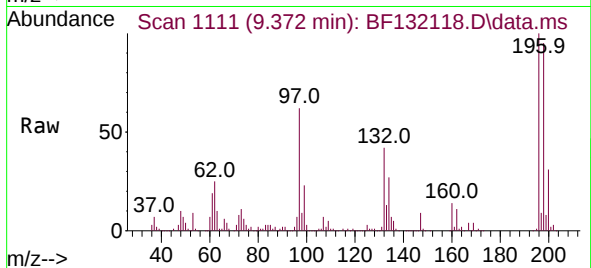
Tgt Ion:330 Resp: 397483
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 35.3 28.2 42.4





#43
2,4,6-Trichlorophenol
Concen: 42.823 ng
RT: 9.372 min Scan# 1111
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

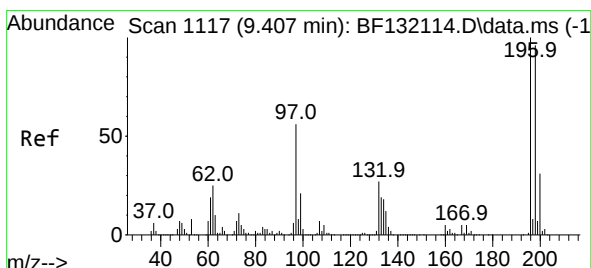
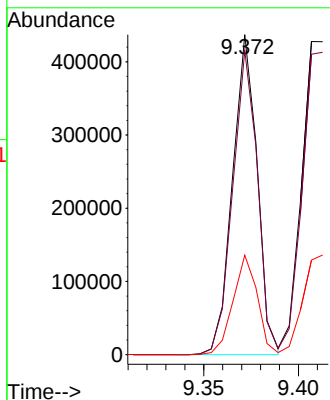
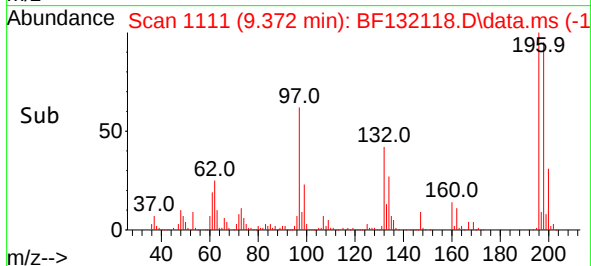
Instrument :
BNA_F
ClientSampleId :
ICVBF011823



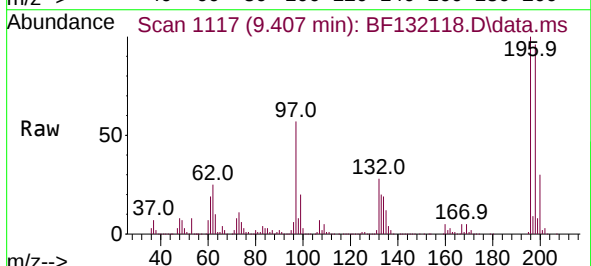
Tgt Ion:196 Resp: 394607
Ion Ratio Lower Upper
196 100
198 95.0 76.3 114.5
200 31.1 24.6 36.8

Manual Integrations
APPROVED

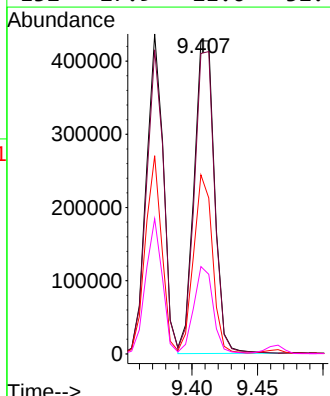
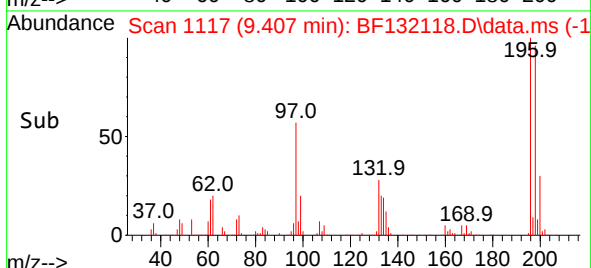
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

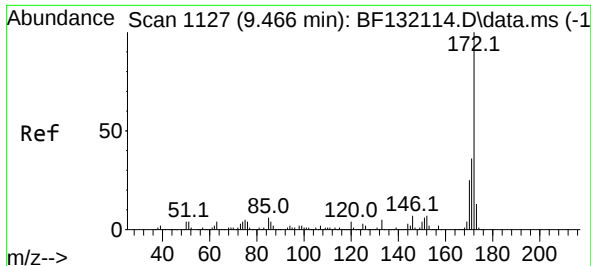


#44
2,4,5-Trichlorophenol
Concen: 41.125 ng
RT: 9.407 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23



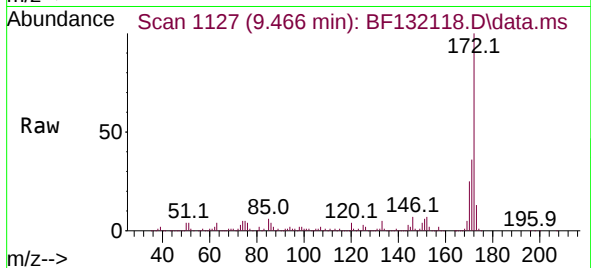
Tgt Ion:196 Resp: 463101
Ion Ratio Lower Upper
196 100
198 96.0 76.5 114.7
97 57.1 44.8 67.2
132 27.9 21.6 32.4





#45
2-Fluorobiphenyl
Concen: 80.219 ng
RT: 9.466 min Scan# 1127
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

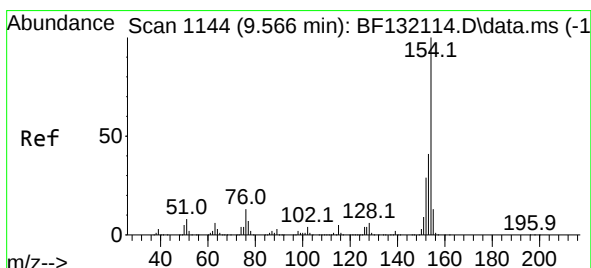
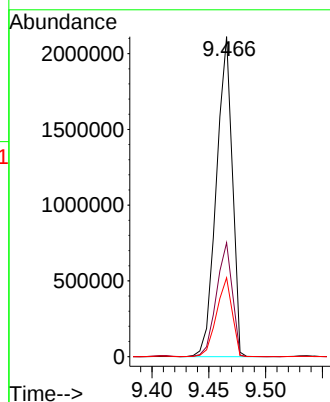
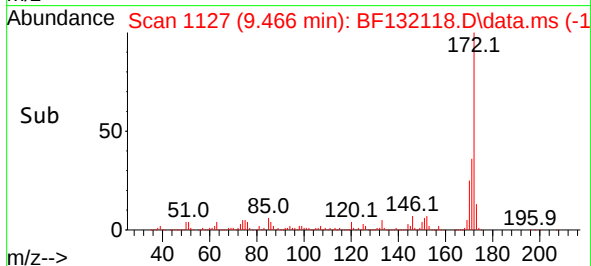
Instrument :
BNA_F
Client Sample Id :
ICVBF011823



Tgt Ion:172 Resp: 2056763
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.4
170 24.6 19.7 29.5

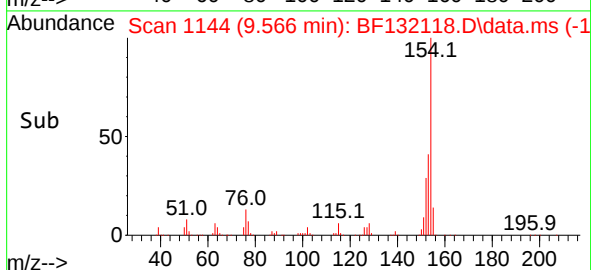
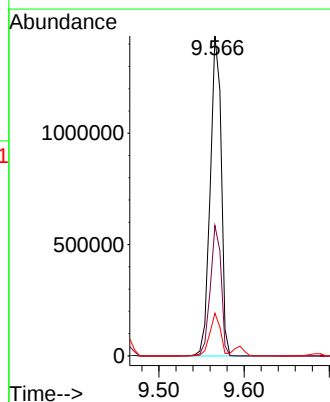
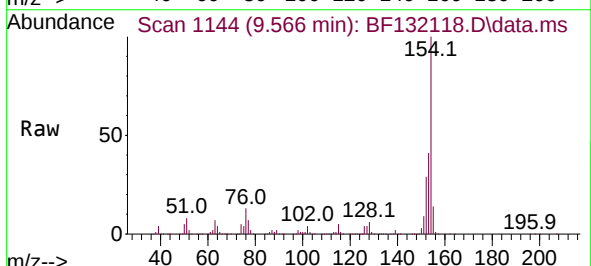
Manual Integrations
APPROVED

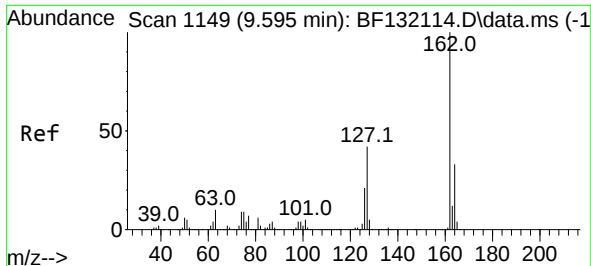
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#46
1,1'-Biphenyl
Concen: 39.034 ng
RT: 9.566 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

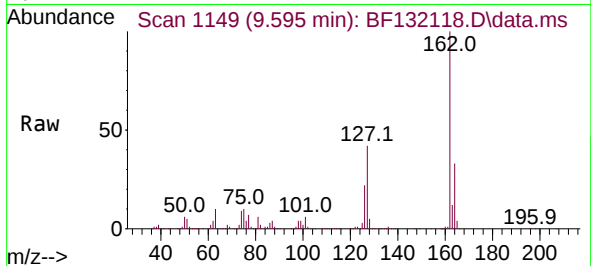
Tgt Ion:154 Resp: 1285604
Ion Ratio Lower Upper
154 100
153 40.7 21.0 61.0
76 13.3 0.0 32.9





#47
2-Chloronaphthalene
Concen: 39.595 ng
RT: 9.595 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

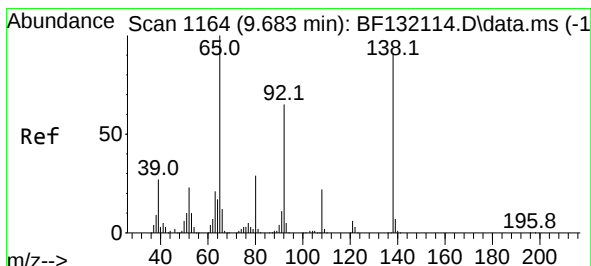
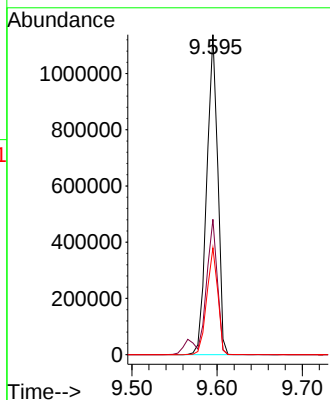
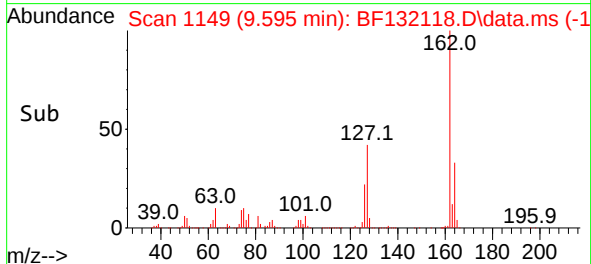
Instrument : BNA_F
Client Sample Id : ICVBF011823



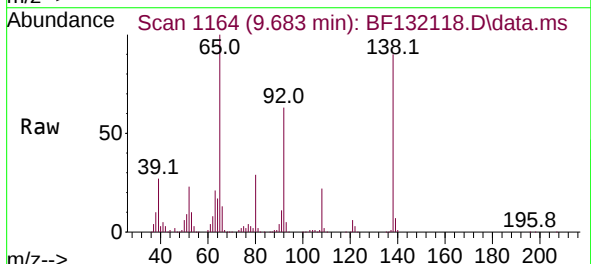
Tgt Ion: 162 Resp: 1017563
Ion Ratio Lower Upper
162 100
127 42.3 33.8 50.8
164 33.4 26.5 39.7

Manual Integrations
APPROVED

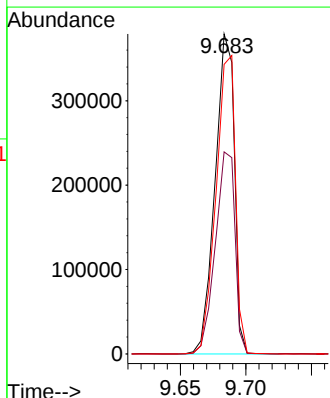
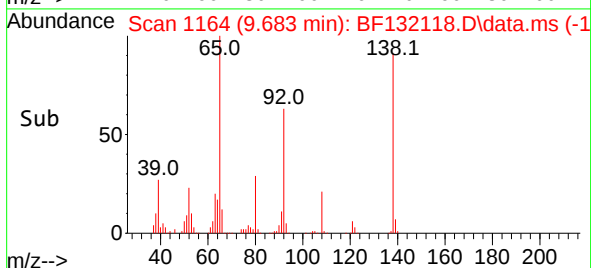
Reviewed By : Christian Giraldo 01/19/2023
Supervised By : Jagrut Upadhyay 01/19/2023

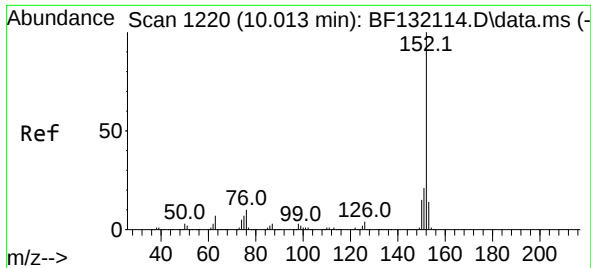


#48
2-Nitroaniline
Concen: 44.237 ng
RT: 9.683 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23



Tgt Ion: 65 Resp: 387570
Ion Ratio Lower Upper
65 100
92 63.1 51.9 77.9
138 90.5 72.6 109.0





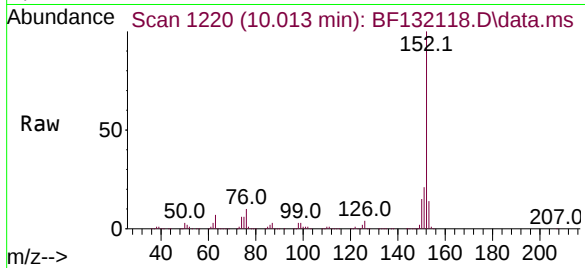
#49
Acenaphthylene
Concen: 39.047 ng
RT: 10.013 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

Instrument :

BNA_F

ClientSampleId :

ICVBF011823

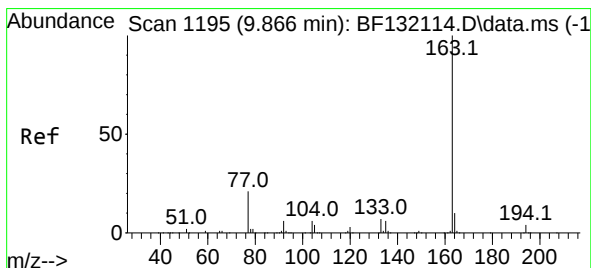
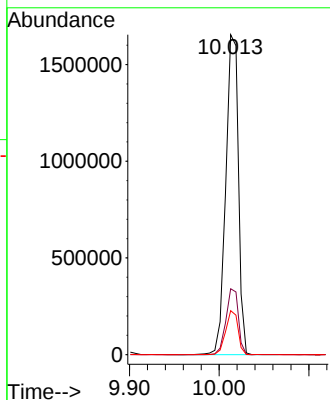
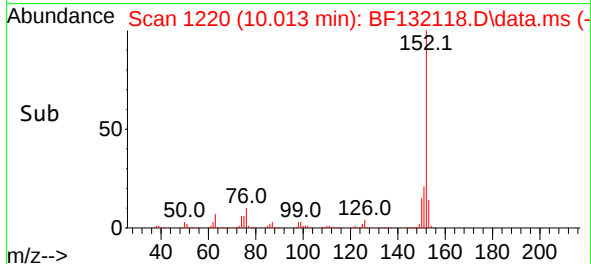


Tgt Ion:152 Resp: 1626089
Ion Ratio Lower Upper
152 100
151 20.6 16.7 25.1
153 13.7 11.0 16.4

Manual Integrations

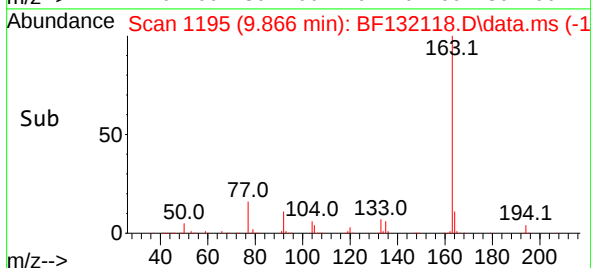
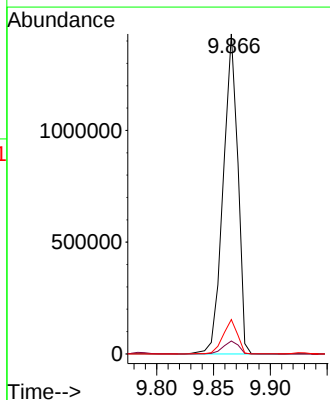
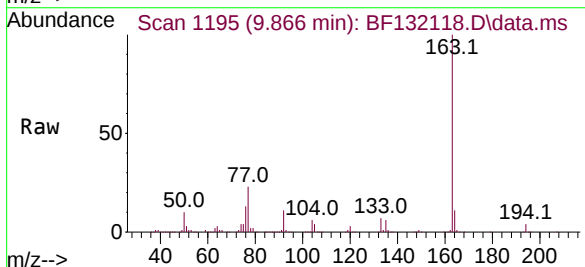
APPROVED

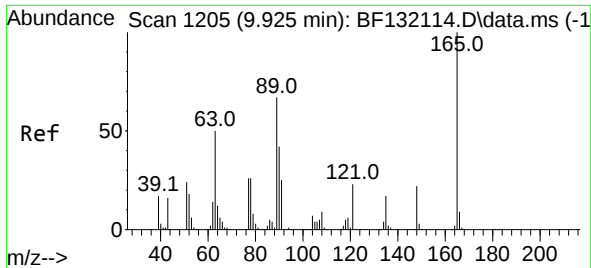
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#50
Dimethylphthalate
Concen: 39.341 ng
RT: 9.866 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

Tgt Ion:163 Resp: 1275789
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.7 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 42.008 ng
RT: 9.930 min Scan# 1205
Delta R.T. 0.006 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

Instrument :

BNA_F

ClientSampleId :

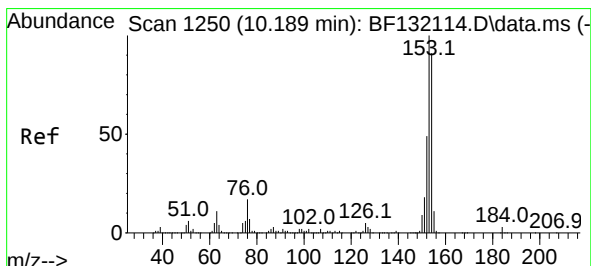
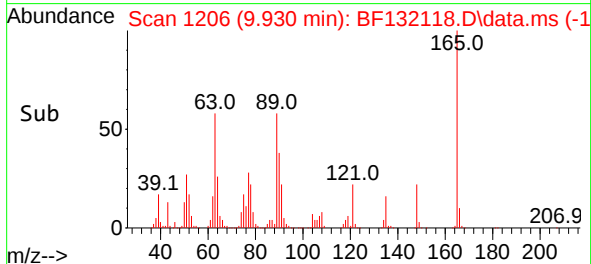
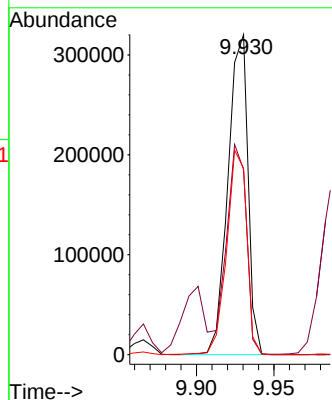
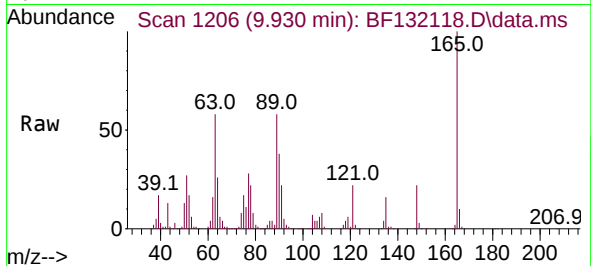
ICVBF011823

Tgt Ion:165 Resp: 289798
Ion Ratio Lower Upper
165 100
63 57.9 57.0 85.4
89 58.3 54.0 81.0

Manual Integrations

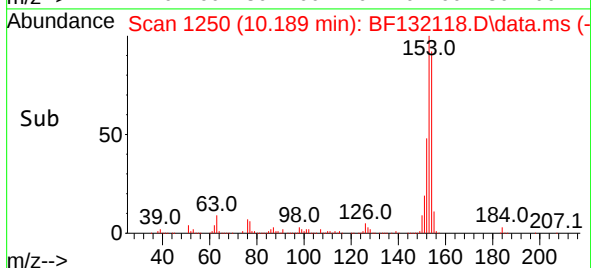
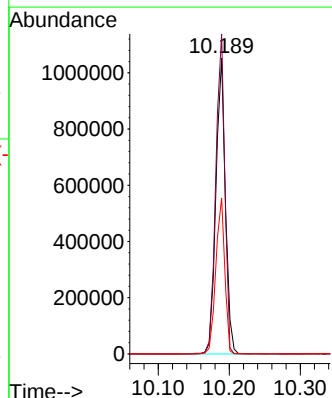
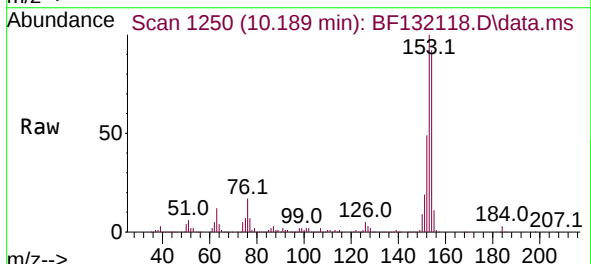
APPROVED

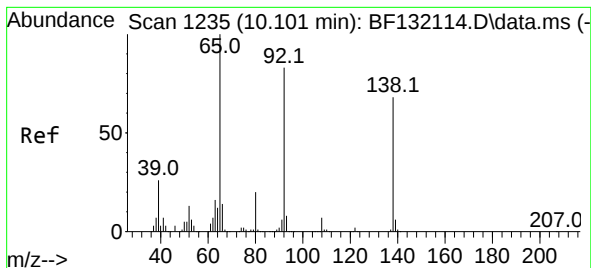
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#52
Acenaphthene
Concen: 38.945 ng
RT: 10.189 min Scan# 1250
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

Tgt Ion:154 Resp: 982153
Ion Ratio Lower Upper
154 100
153 108.2 87.6 131.4
152 52.7 42.6 64.0





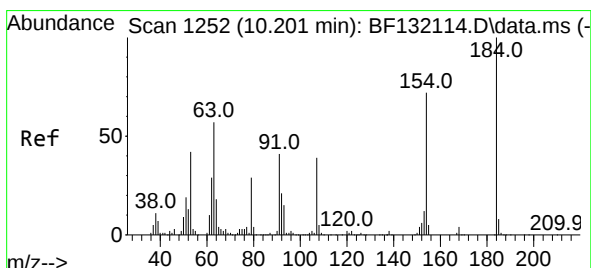
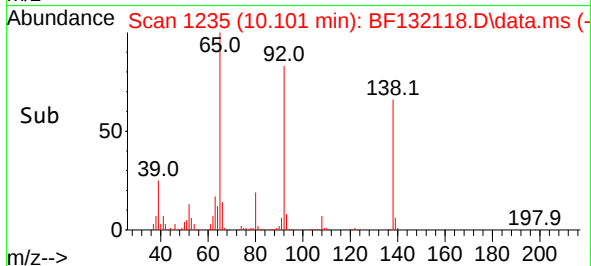
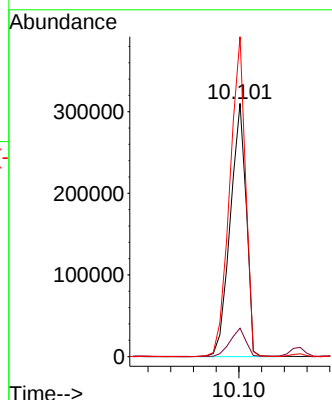
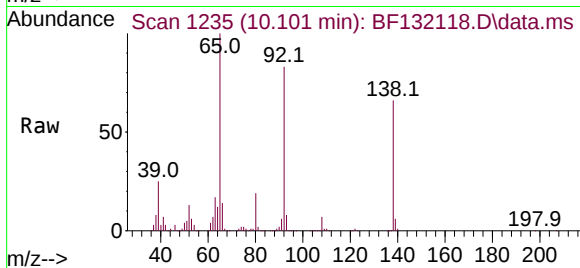
#53
3-Nitroaniline
Concen: 41.445 ng
RT: 10.101 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

Instrument :
BNA_F
ClientSampleId :
ICVBF011823

Tgt Ion:138 Resp: 302682
Ion Ratio Lower Upper
138 100
108 11.2 8.5 12.7
92 126.4 97.4 146.2

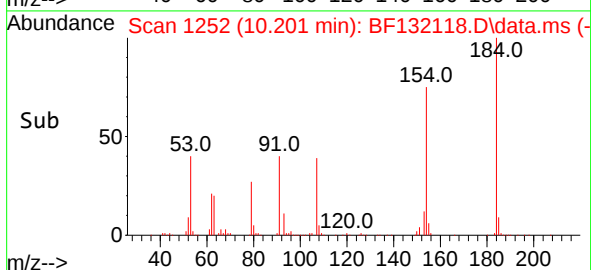
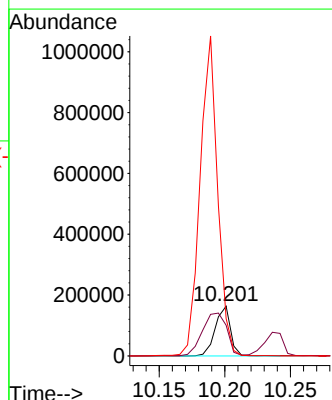
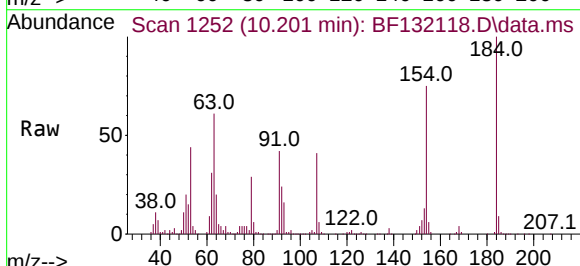
Manual Integrations
APPROVED

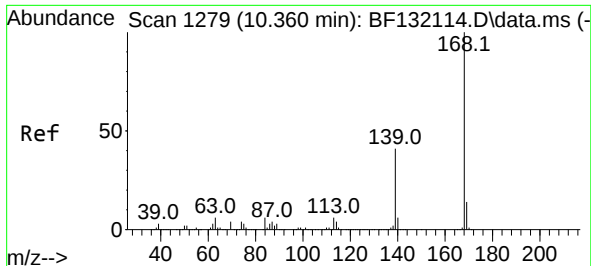
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#54
2,4-Dinitrophenol
Concen: 45.072 ng
RT: 10.201 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

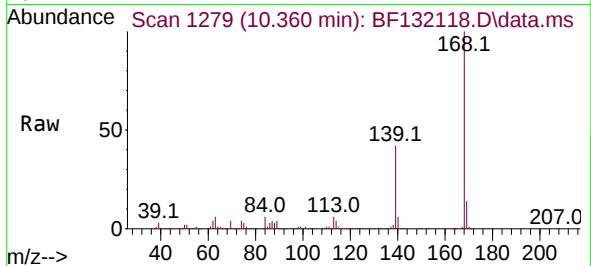
Tgt Ion:184 Resp: 132109
Ion Ratio Lower Upper
184 100
63 61.5 45.8 68.8
154 75.1 59.2 88.8





#55
Dibenzofuran
Concen: 38.383 ng
RT: 10.360 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

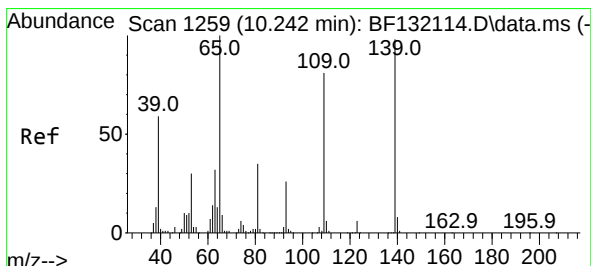
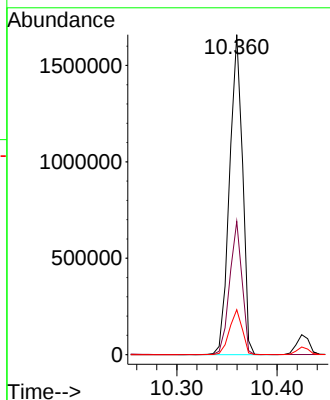
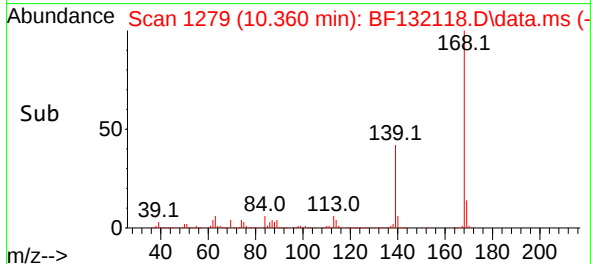
Instrument : BNA_F
ClientSampleId : ICVBF011823



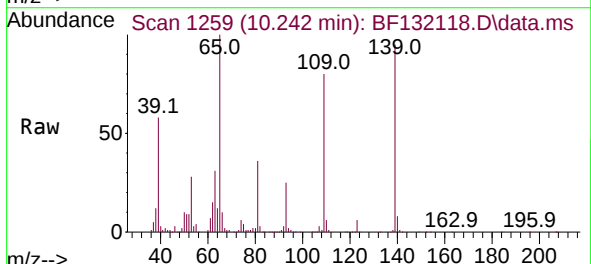
Tgt Ion:168 Resp: 1489374
Ion Ratio Lower Upper
168 100
139 41.6 32.6 49.0
169 14.0 11.0 16.4

Manual Integrations
APPROVED

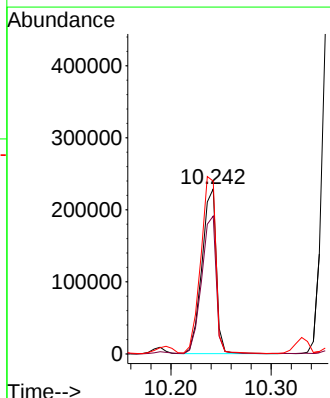
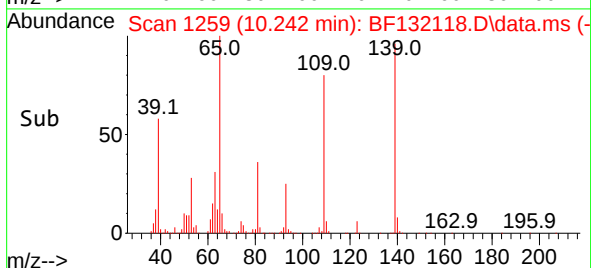
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

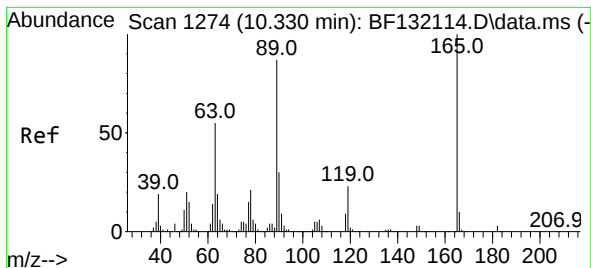


#56
4-Nitrophenol
Concen: 43.573 ng
RT: 10.242 min Scan# 1259
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23



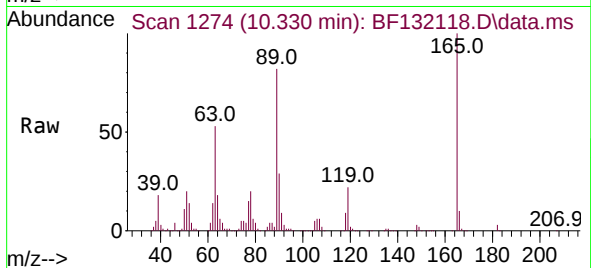
Tgt Ion:139 Resp: 227351
Ion Ratio Lower Upper
139 100
109 83.5 62.1 102.1
65 104.7 82.2 122.2





#57
2,4-Dinitrotoluene
Concen: 43.819 ng
RT: 10.330 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

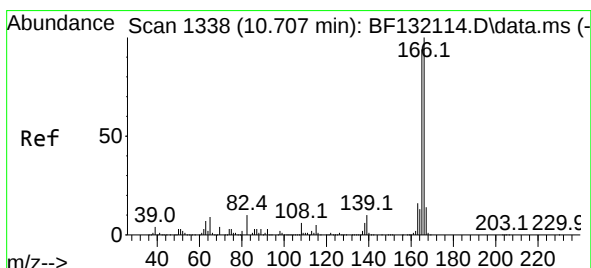
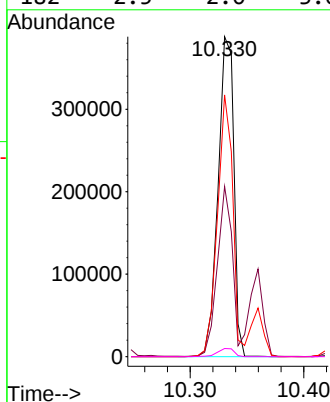
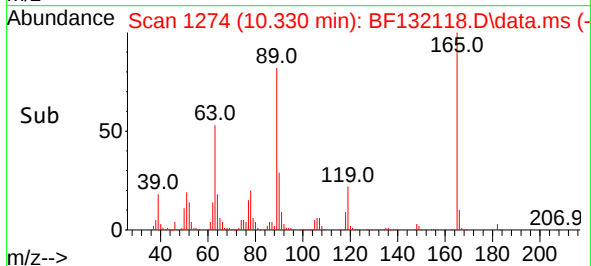
Instrument :
BNA_F
ClientSampleId :
ICVBF011823



Tgt Ion:165 Resp: 373379
Ion Ratio Lower Upper
165 100
63 53.2 44.1 66.1
89 81.8 69.3 103.9
182 2.5 2.0 3.0

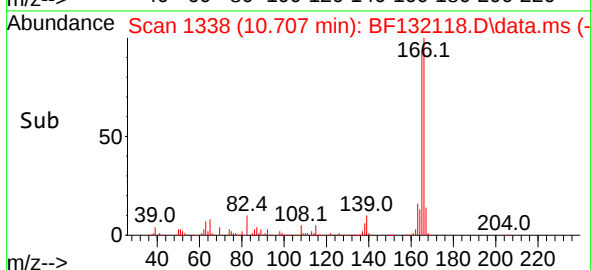
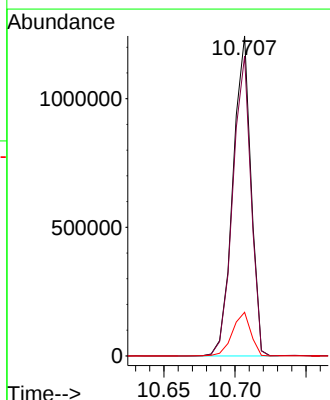
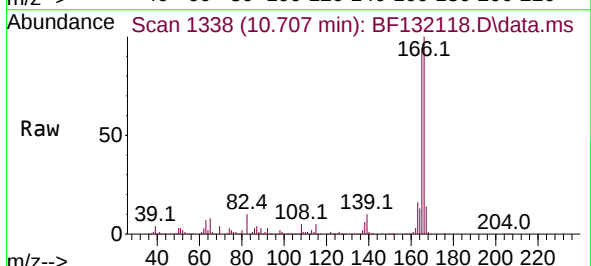
Manual Integrations
APPROVED

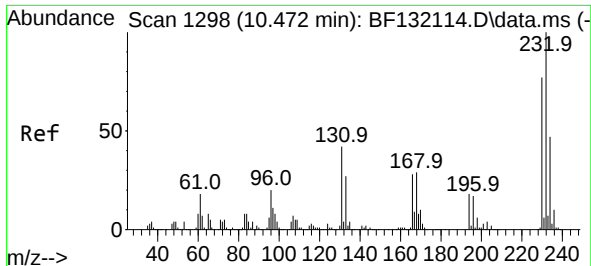
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#58
Fluorene
Concen: 38.012 ng
RT: 10.707 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

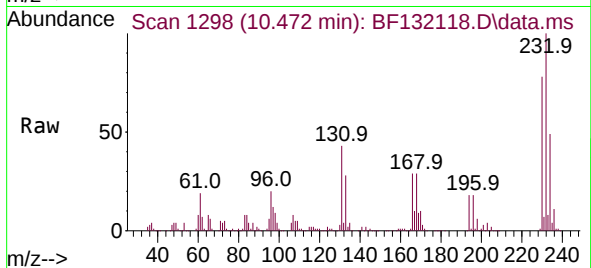
Tgt Ion:166 Resp: 1093859
Ion Ratio Lower Upper
166 100
165 93.7 75.2 112.8
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.105 ng
RT: 10.472 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

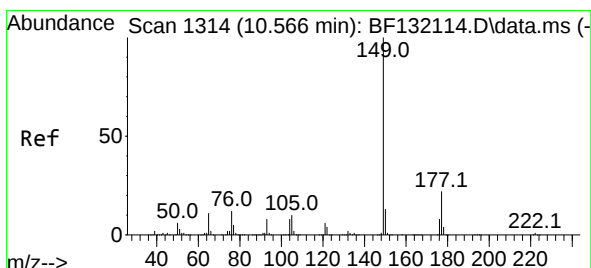
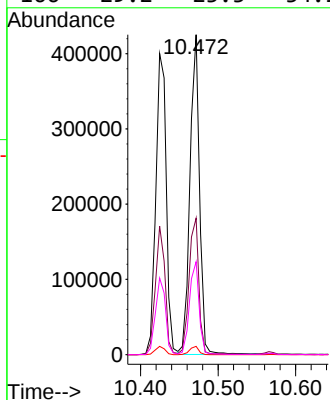
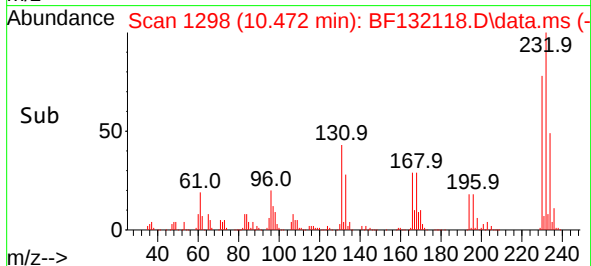
Instrument :
BNA_F
ClientSampleId :
ICVBF011823



Tgt Ion:232 Resp: 364320
Ion Ratio Lower Upper
232 100
131 43.7 34.3 51.5
130 2.5 1.9 2.9
166 29.2 23.3 34.9

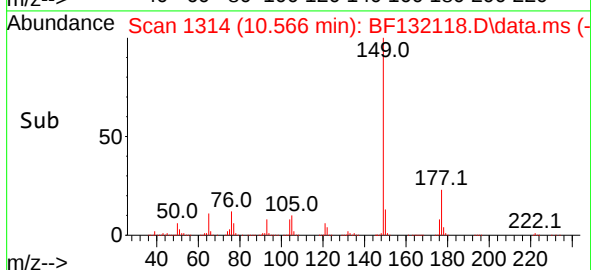
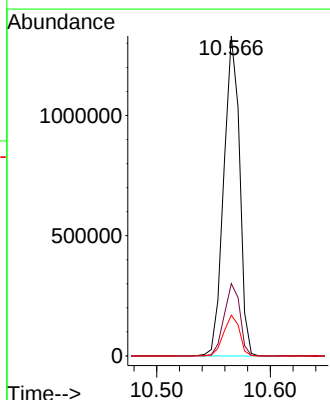
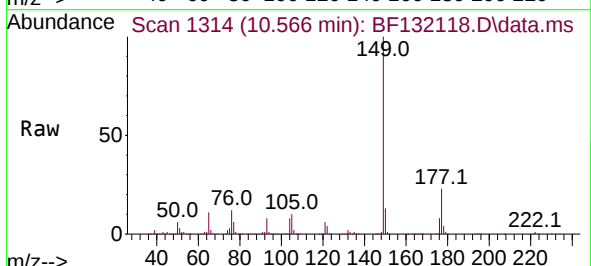
Manual Integrations
APPROVED

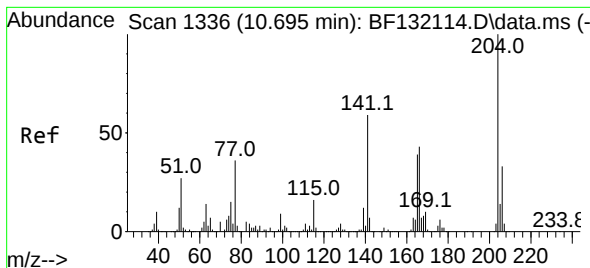
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#60
Diethylphthalate
Concen: 39.583 ng
RT: 10.566 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

Tgt Ion:149 Resp: 1285316
Ion Ratio Lower Upper
149 100
177 22.6 17.7 26.5
150 12.7 10.4 15.6





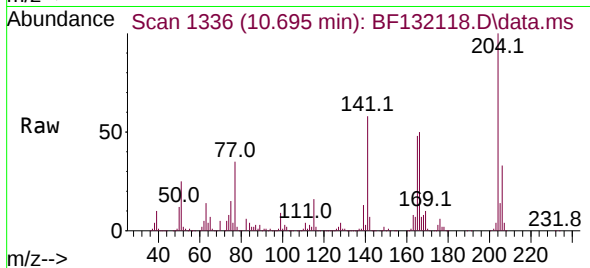
#61
4-Chlorophenyl-phenylether
Concen: 38.556 ng
RT: 10.695 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

Instrument :

BNA_F

ClientSampleId :

ICVBF011823

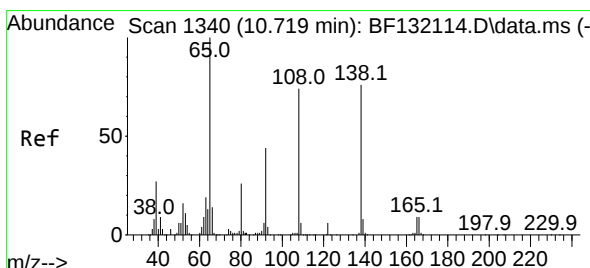
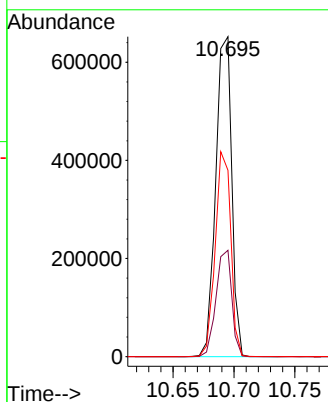
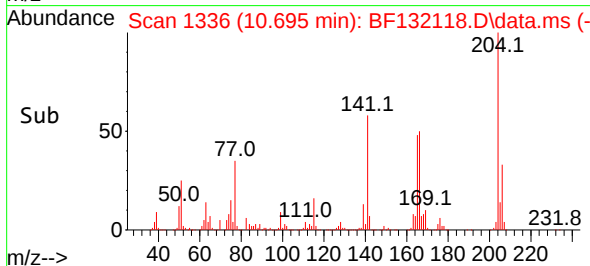


Tgt Ion:204 Resp: 596359
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 58.2 47.1 70.7

Manual Integrations

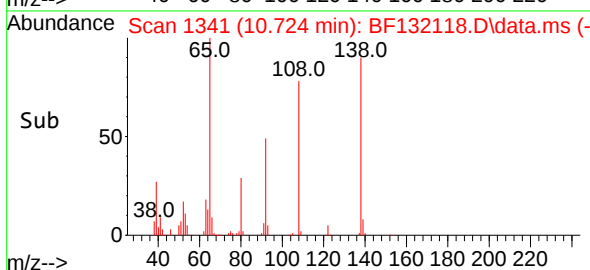
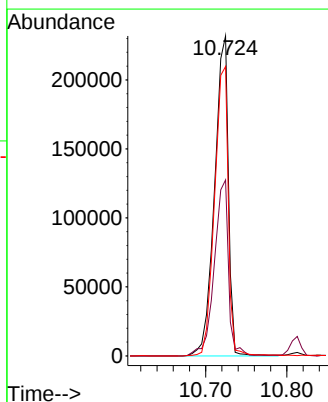
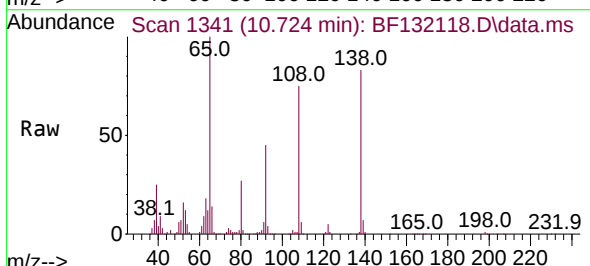
APPROVED

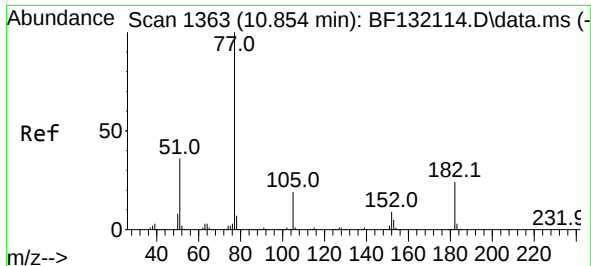
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#62
4-Nitroaniline
Concen: 41.775 ng
RT: 10.724 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

Tgt Ion:138 Resp: 275124
Ion Ratio Lower Upper
138 100
92 55.0 38.7 78.7
108 90.4 77.1 117.1





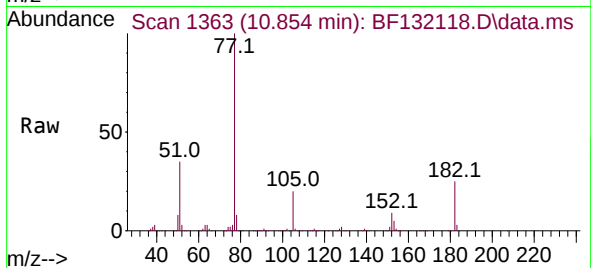
#63
Azobenzene
Concen: 38.632 ng
RT: 10.854 min Scan# 1363
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

Instrument :

BNA_F

ClientSampleId :

ICVBF011823

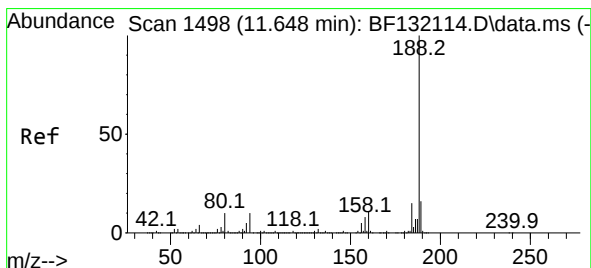
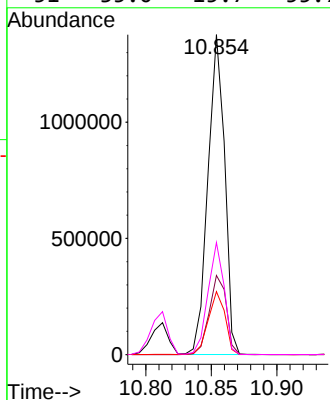
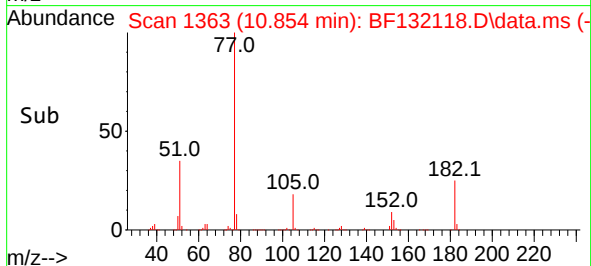


Tgt Ion: 77 Resp: 1221903
Ion Ratio Lower Upper
77 100
182 24.7 4.1 44.1
105 19.7 0.0 39.1
51 35.0 15.7 55.7

Manual Integrations

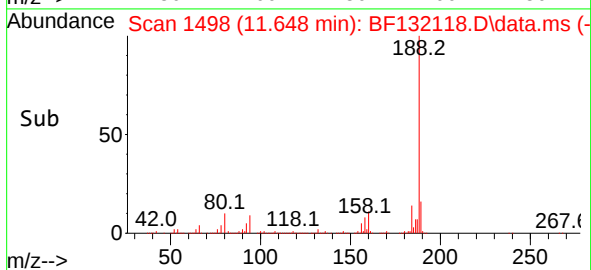
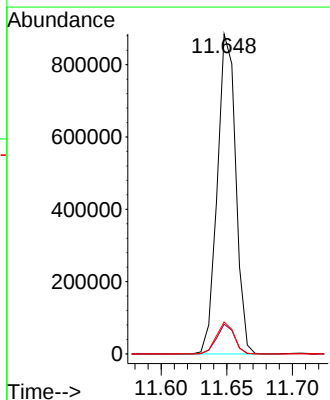
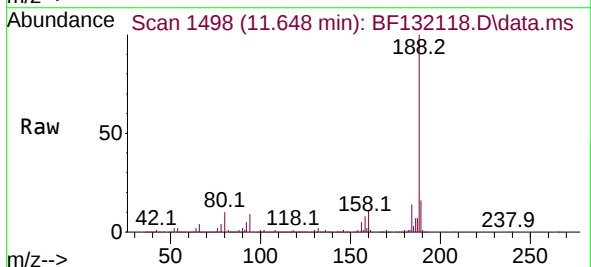
APPROVED

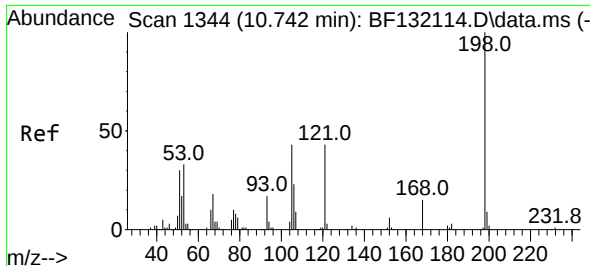
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.648 min Scan# 1498
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

Tgt Ion:188 Resp: 868615
Ion Ratio Lower Upper
188 100
94 9.3 7.8 11.6
80 10.0 8.2 12.4





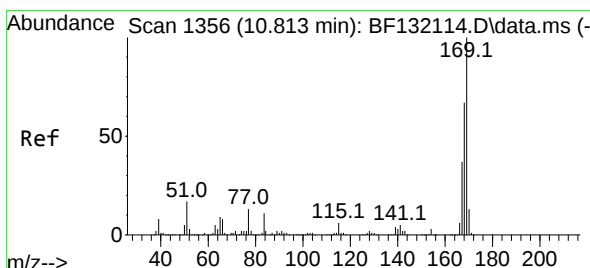
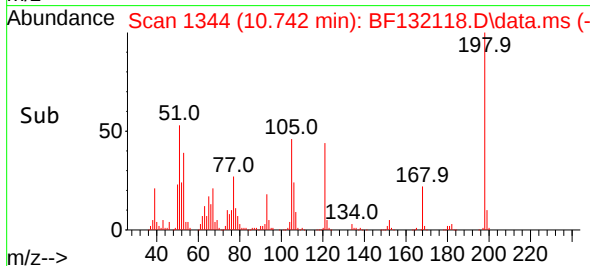
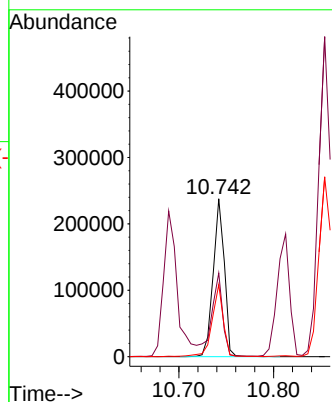
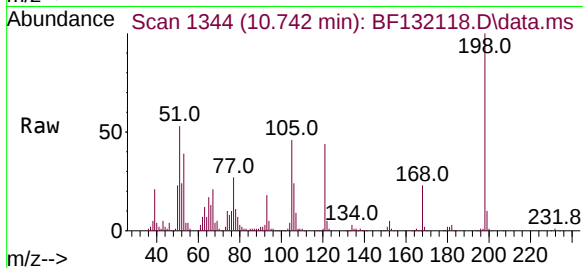
#65
4,6-Dinitro-2-methylphenol
Concen: 48.369 ng
RT: 10.742 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

Instrument :
BNA_F
ClientSampleId :
ICVBF011823

Tgt Ion:198 Resp: 195382
Ion Ratio Lower Upper
198 100
51 53.0 28.4 68.4
105 45.6 23.3 63.3

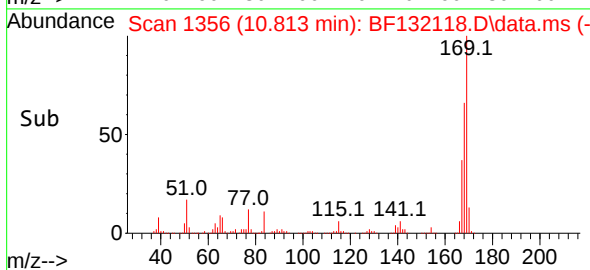
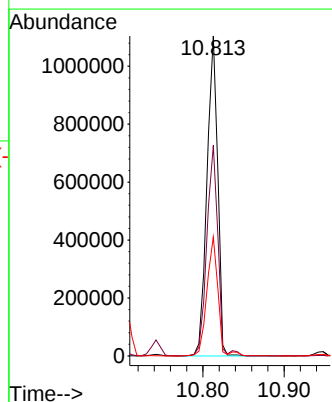
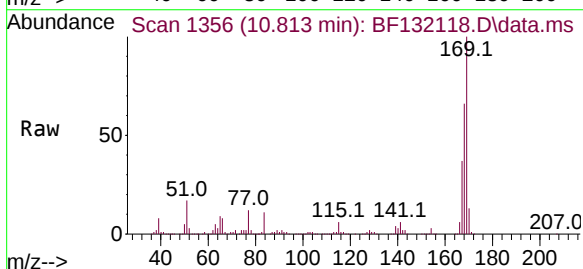
Manual Integrations
APPROVED

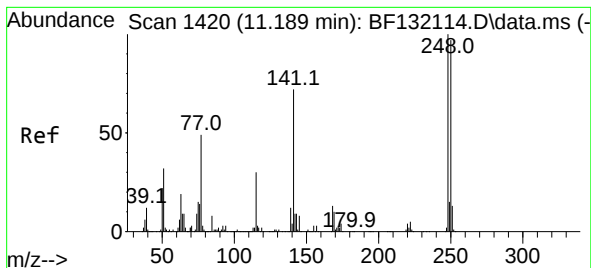
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#66
n-Nitrosodiphenylamine
Concen: 38.883 ng
RT: 10.813 min Scan# 1356
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

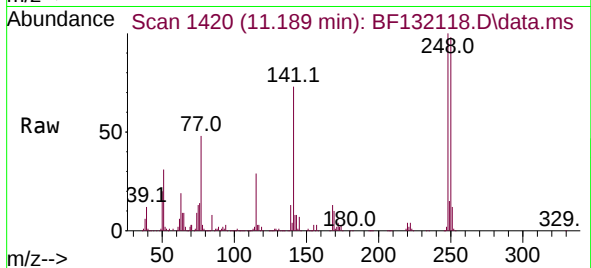
Tgt Ion:169 Resp: 1013621
Ion Ratio Lower Upper
169 100
168 65.8 53.6 80.4
167 37.2 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 39.559 ng
RT: 11.189 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

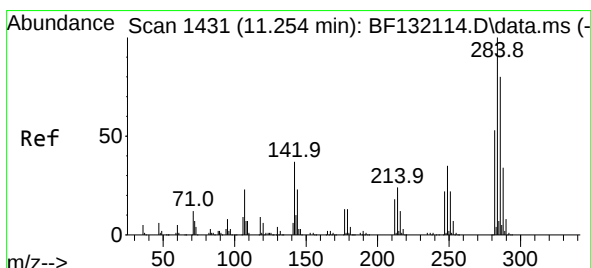
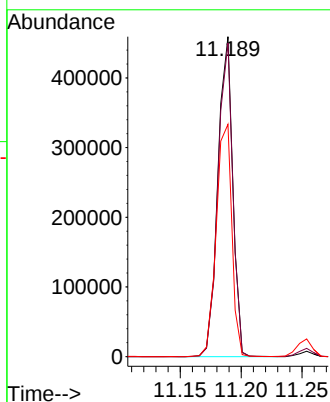
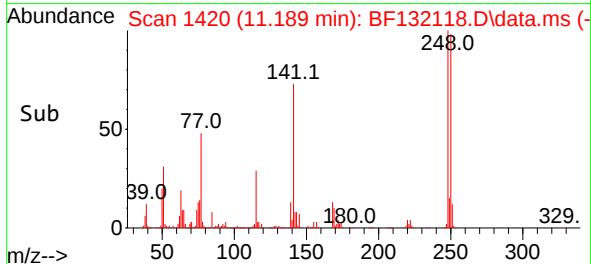
Instrument :
BNA_F
ClientSampleId :
ICVBF011823



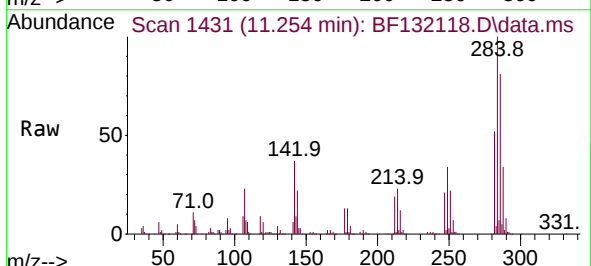
Tgt Ion:248 Resp: 390327
Ion Ratio Lower Upper
248 100
250 98.0 77.8 116.8
141 72.6 57.6 86.4

Manual Integrations
APPROVED

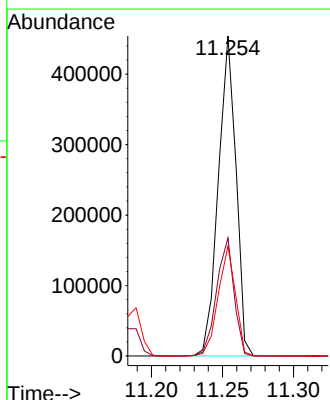
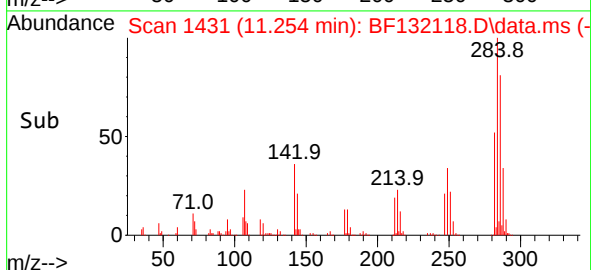
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

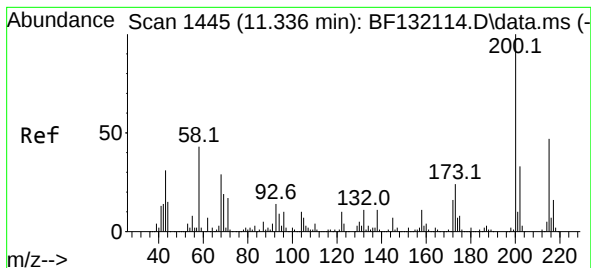


#68
Hexachlorobenzene
Concen: 39.697 ng
RT: 11.254 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23



Tgt Ion:284 Resp: 394074
Ion Ratio Lower Upper
284 100
142 36.9 29.4 44.2
249 34.3 27.7 41.5





#69

Atrazine

Concen: 39.983 ng

RT: 11.336 min Scan# 1445

Delta R.T. -0.000 min

Lab File: BF132118.D

Acq: 18 Jan 2023 14:23

Instrument :

BNA_F

ClientSampleId :

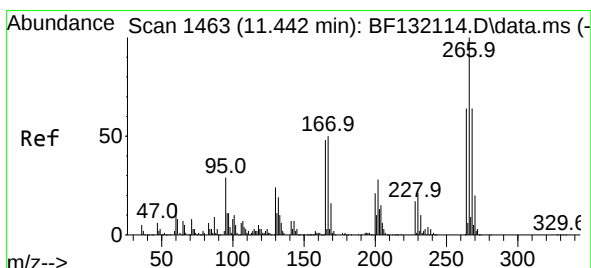
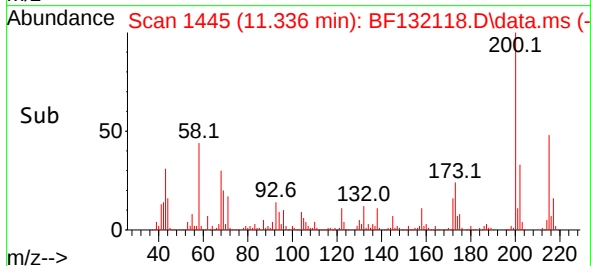
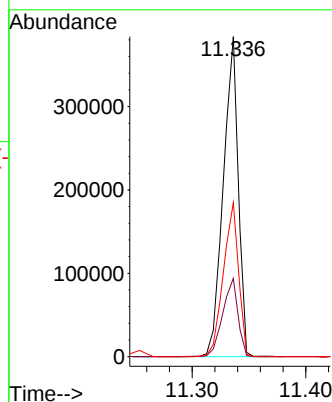
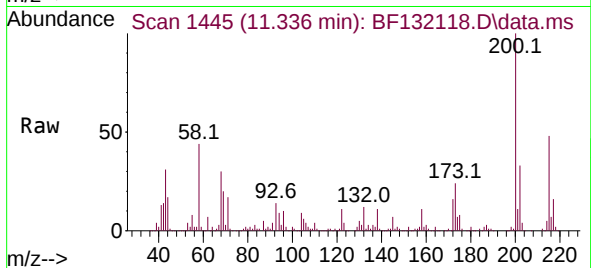
ICVBF011823

Tgt Ion:200 Resp: 35077
 Ion Ratio Lower Upper
 200 100
 173 24.4 4.6 44.6
 215 48.1 27.3 67.3

Manual Integrations

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Reviewed By :Christian Giraldo 01/19/2023
 Supervised By :Jagrut Upadhyay 01/19/2023



#70

Pentachlorophenol

Concen: 43.664 ng

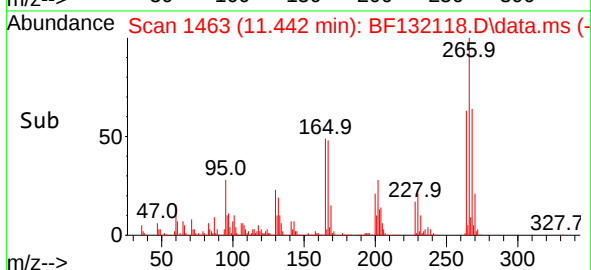
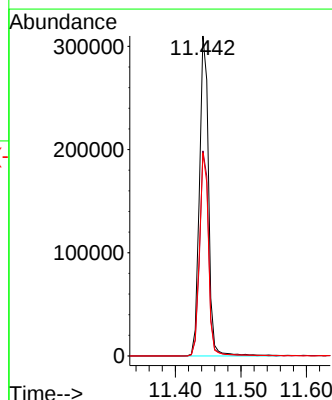
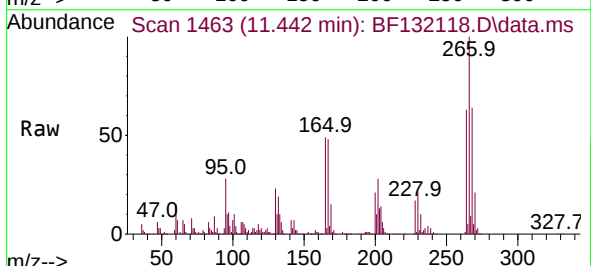
RT: 11.442 min Scan# 1463

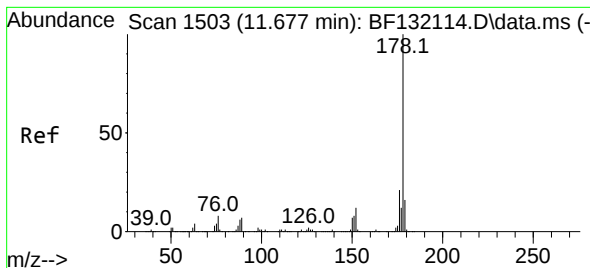
Delta R.T. -0.000 min

Lab File: BF132118.D

Acq: 18 Jan 2023 14:23

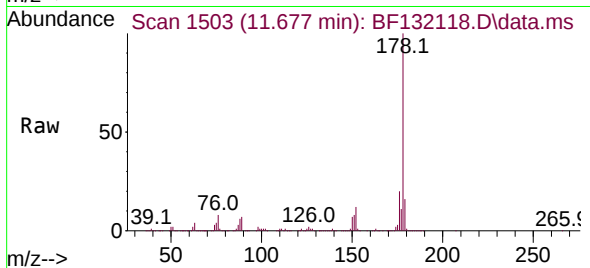
Tgt Ion:266 Resp: 297799
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.0 76.6
 264 63.5 51.6 77.4





#71
Phenanthrene
Concen: 38.860 ng
RT: 11.677 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

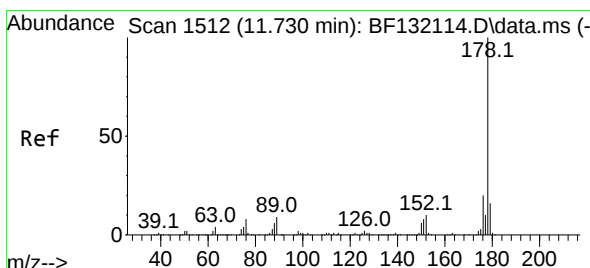
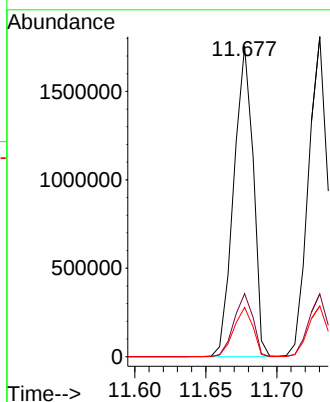
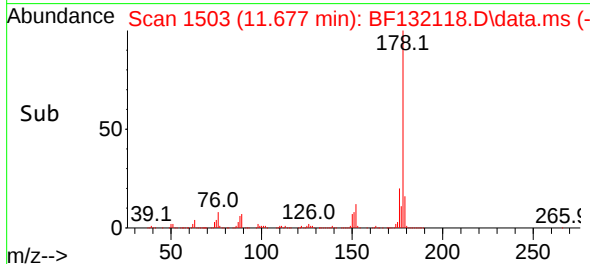
Instrument :
BNA_F
ClientSampleId :
ICVBF011823



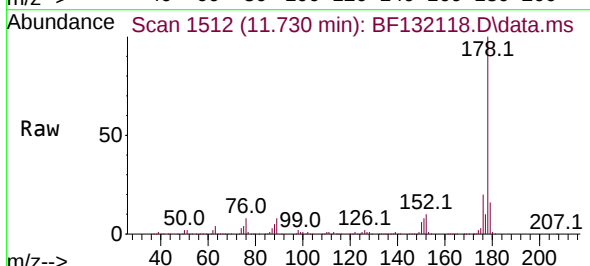
Tgt Ion:178 Resp: 166864
Ion Ratio Lower Upper
178 100
176 20.3 16.4 24.6
179 15.8 12.7 19.1

Manual Integrations
APPROVED

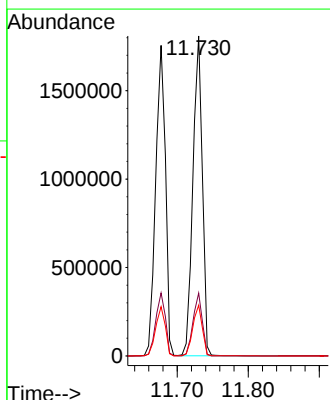
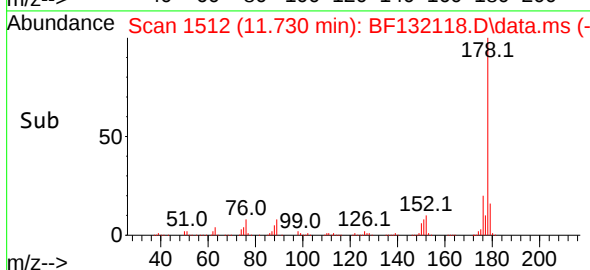
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

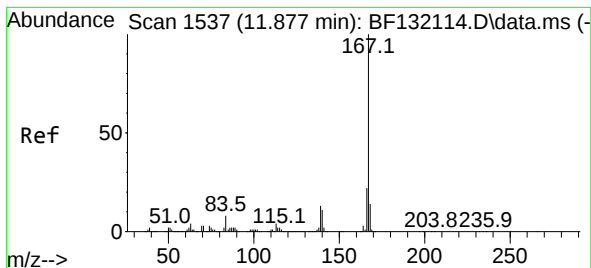


#72
Anthracene
Concen: 38.241 ng
RT: 11.730 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23



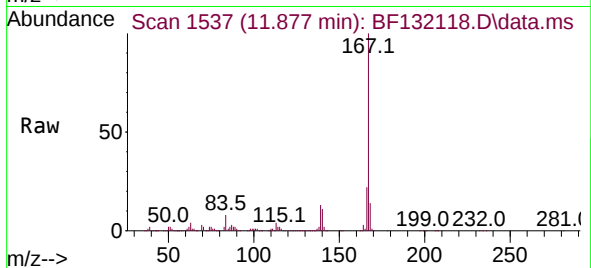
Tgt Ion:178 Resp: 1669634
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 15.8 12.9 19.3





#73
 Carbazole
 Concen: 38.613 ng
 RT: 11.877 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: BF132118.D
 Acq: 18 Jan 2023 14:23

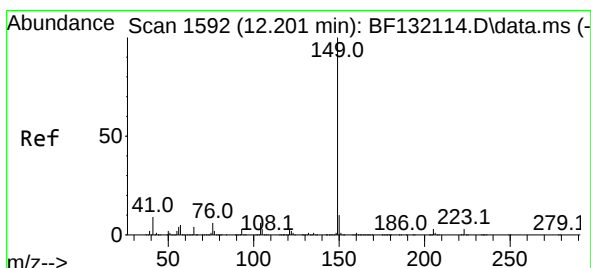
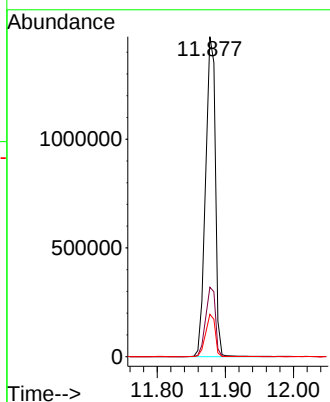
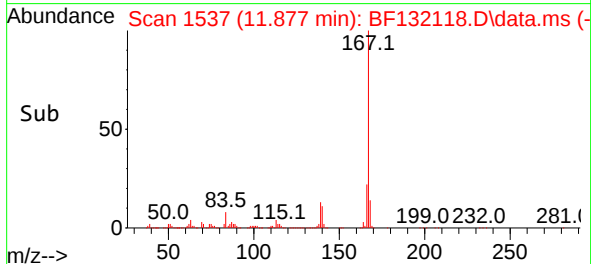
Instrument : BNA_F
 ClientSampleId : ICVBF011823



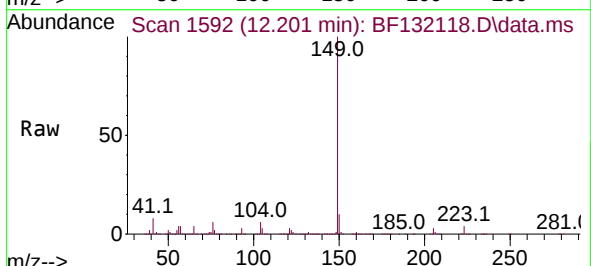
Tgt Ion:167 Resp: 1471017
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.7 26.5
 139 13.2 10.8 16.2

Manual Integrations
 APPROVED

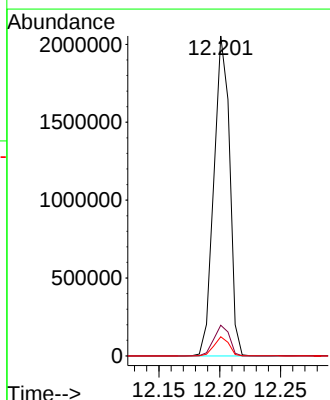
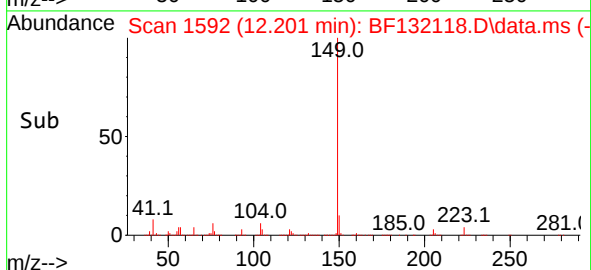
Reviewed By :Christian Giraldo 01/19/2023
 Supervised By :Jagrut Upadhyay 01/19/2023

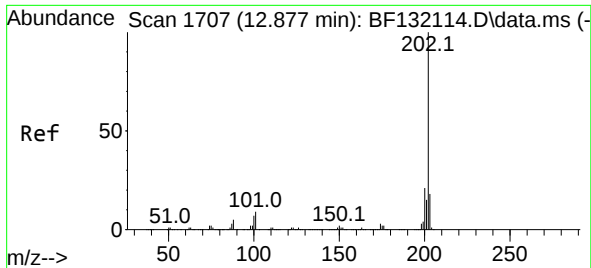


#74
 Di-n-butylphthalate
 Concen: 39.874 ng
 RT: 12.201 min Scan# 1592
 Delta R.T. -0.000 min
 Lab File: BF132118.D
 Acq: 18 Jan 2023 14:23



Tgt Ion:149 Resp: 1844718
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.6 11.4
 104 6.0 4.8 7.2





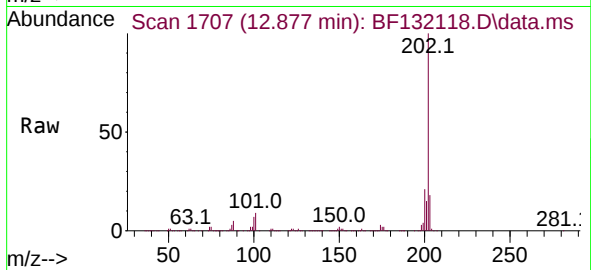
#75
Fluoranthene
Concen: 38.674 ng
RT: 12.877 min Scan# 1707
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

Instrument :

BNA_F

ClientSampleId :

ICVBF011823

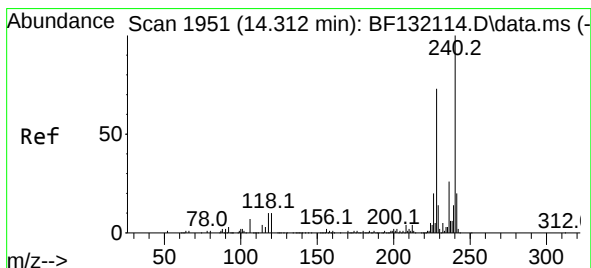
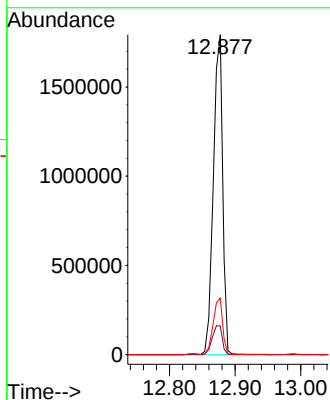
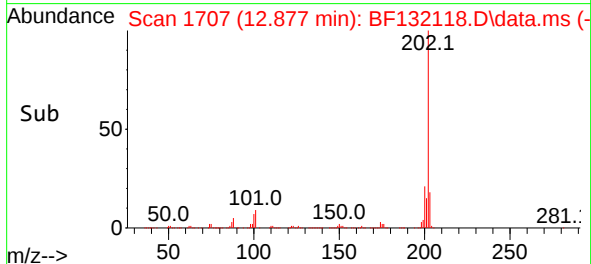


Tgt Ion:202 Resp: 1778863
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.9
203 17.7 0.0 37.7

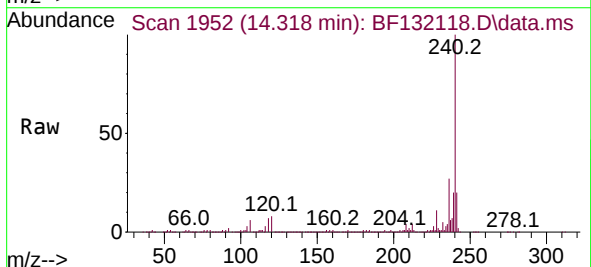
Manual Integrations

APPROVED

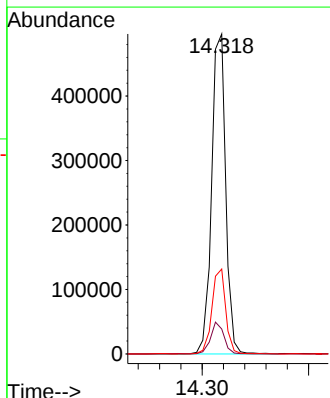
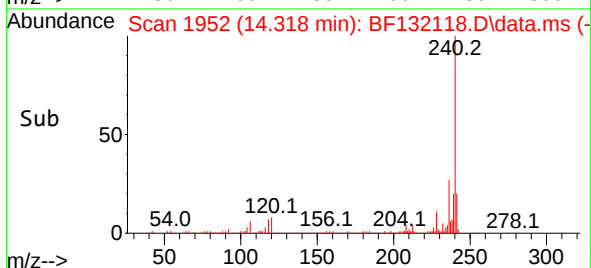
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

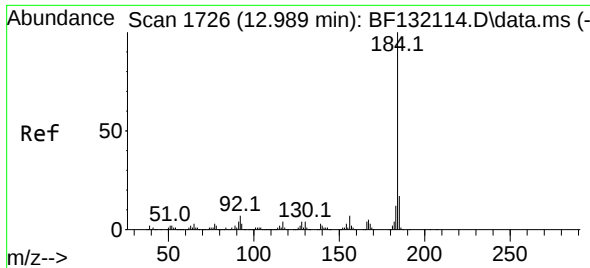


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.318 min Scan# 1952
Delta R.T. 0.006 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23



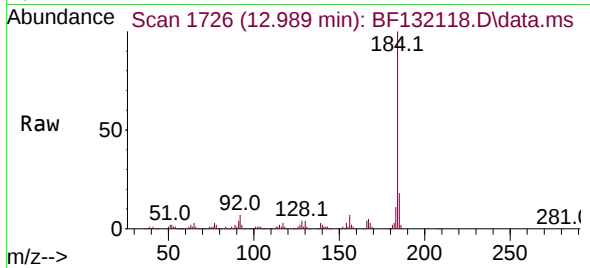
Tgt Ion:240 Resp: 455659
Ion Ratio Lower Upper
240 100
120 7.8 8.2 12.4#
236 26.5 21.2 31.8





#77
Benzidine
Concen: 43.330 ng
RT: 12.989 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

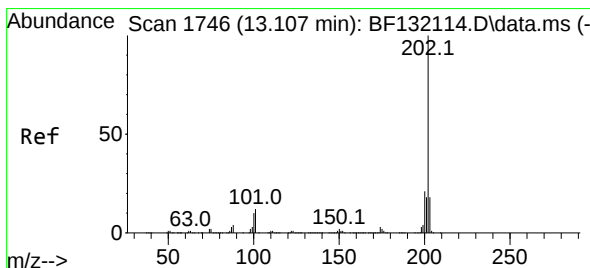
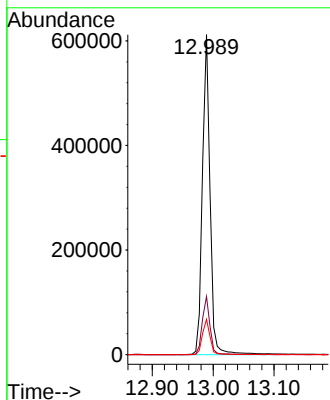
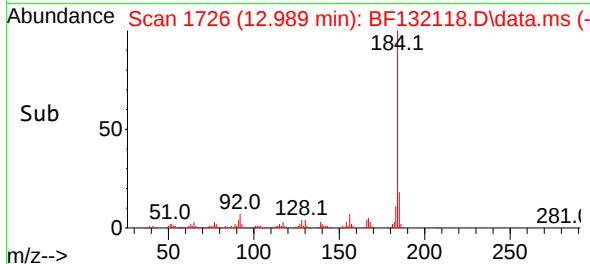
Instrument :
BNA_F
ClientSampleId :
ICVBF011823



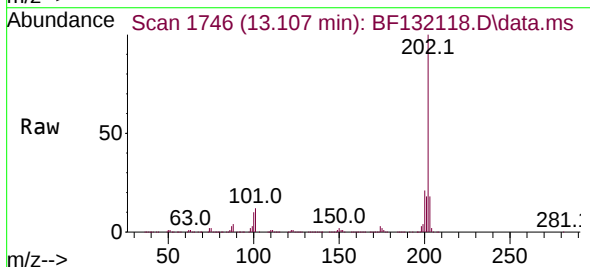
Tgt Ion:184 Resp: 531652
Ion Ratio Lower Upper
184 100
185 18.2 13.7 20.5
183 11.0 9.4 14.0

Manual Integrations
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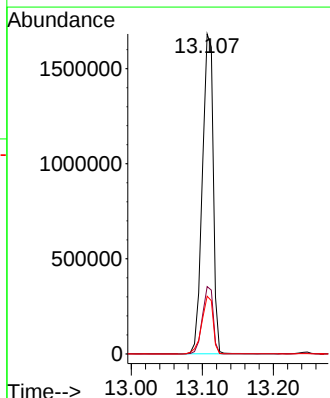
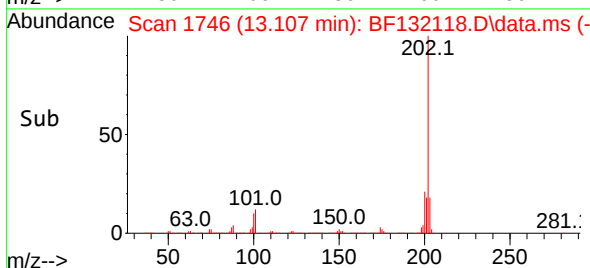
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

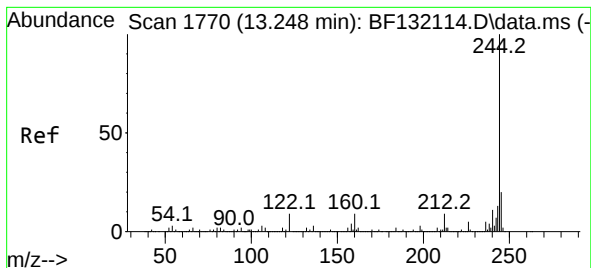


#78
Pyrene
Concen: 40.663 ng
RT: 13.107 min Scan# 1746
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23



Tgt Ion:202 Resp: 1773508
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 18.0 14.6 22.0





#79

Terphenyl-d14

Concen: 78.565 ng

RT: 13.248 min Scan# 1770

Delta R.T. -0.000 min

Lab File: BF132118.D

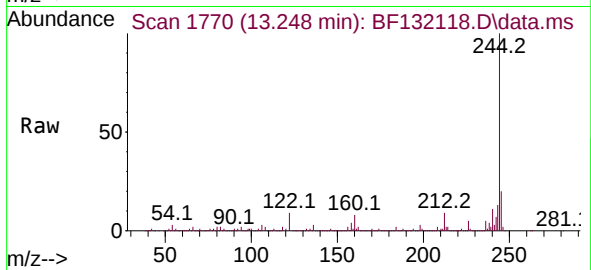
Acq: 18 Jan 2023 14:23

Instrument :

BNA_F

ClientSampleId :

ICVBF011823



Tgt Ion:244 Resp: 2206362

Ion Ratio Lower Upper

244 100

212 8.7 6.9 10.3

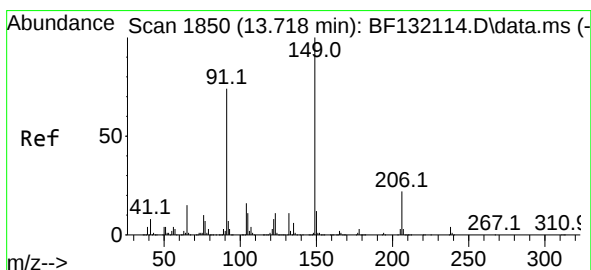
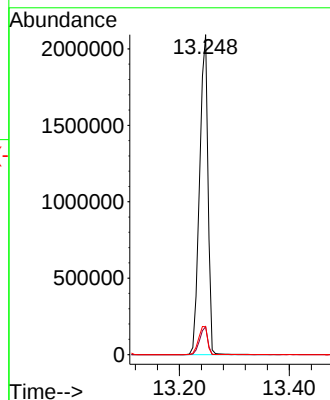
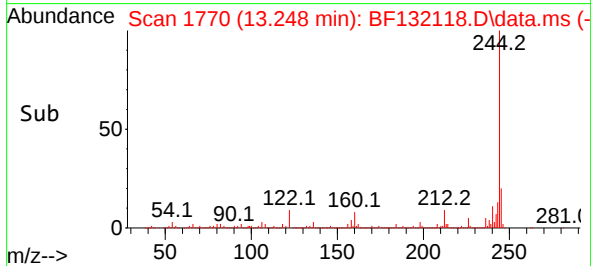
122 8.7 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#80

Butylbenzylphthalate

Concen: 44.150 ng

RT: 13.718 min Scan# 1850

Delta R.T. -0.000 min

Lab File: BF132118.D

Acq: 18 Jan 2023 14:23

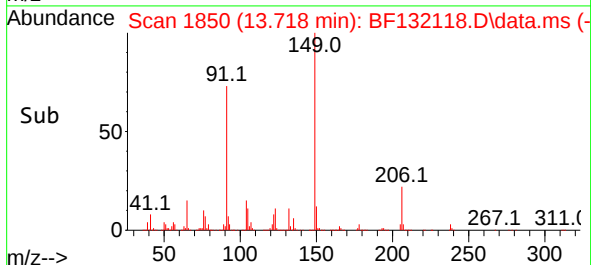
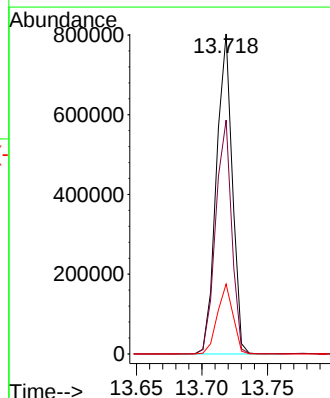
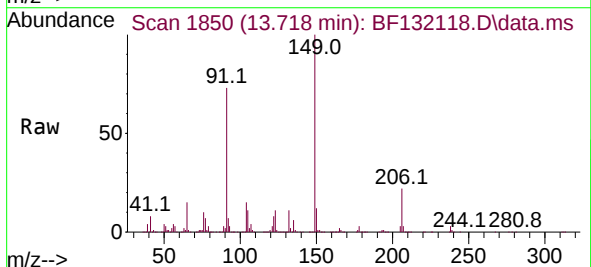
Tgt Ion:149 Resp: 678756

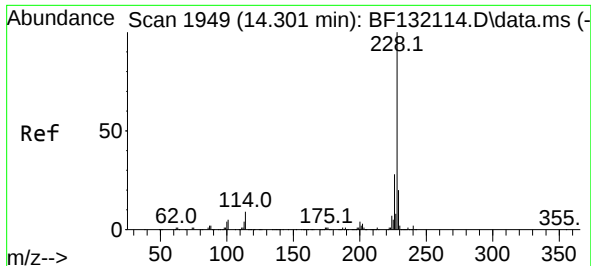
Ion Ratio Lower Upper

149 100

91 73.1 59.2 88.8

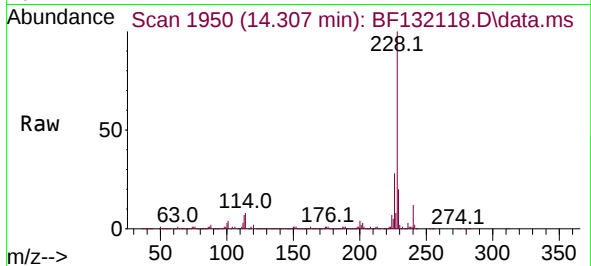
206 21.8 17.3 25.9





#81
Benzo(a)anthracene
Concen: 40.557 ng
RT: 14.307 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

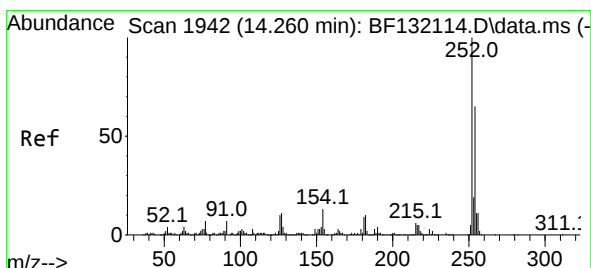
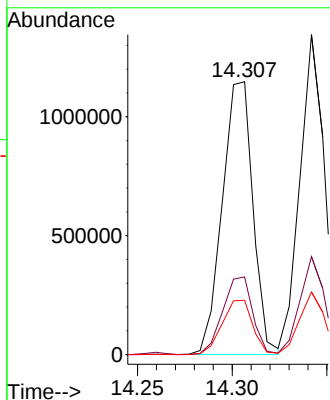
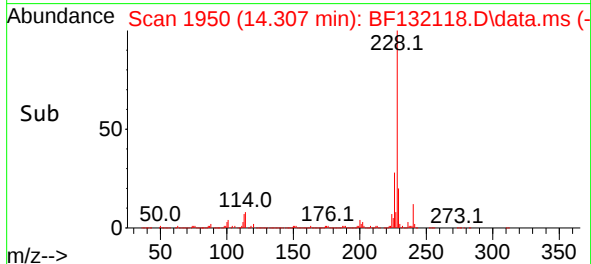
Instrument :
BNA_F
ClientSampleId :
ICVBF011823



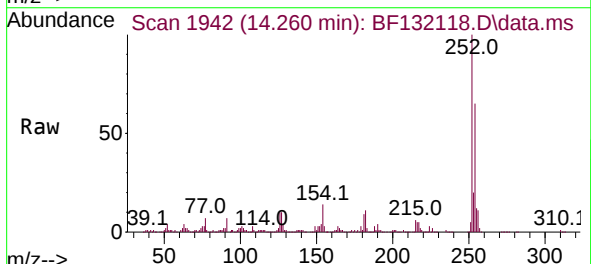
Tgt Ion:228 Resp: 1291636
Ion Ratio Lower Upper
228 100
226 28.5 22.2 33.4
229 19.9 16.0 24.0

Manual Integrations
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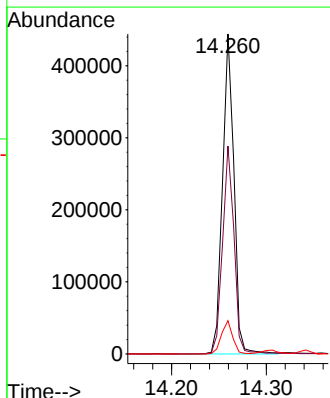
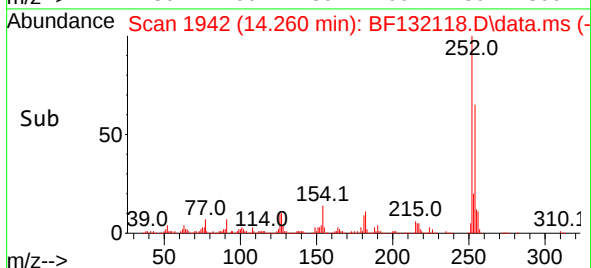
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

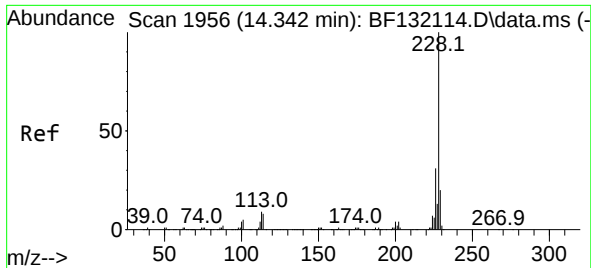


#82
3,3'-Dichlorobenzidine
Concen: 43.743 ng
RT: 14.260 min Scan# 1942
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23



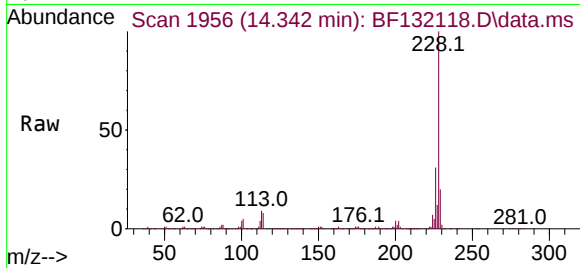
Tgt Ion:252 Resp: 370566
Ion Ratio Lower Upper
252 100
254 64.9 52.2 78.2
126 10.4 8.2 12.4





#83
Chrysene
Concen: 39.684 ng
RT: 14.342 min Scan# 1956
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

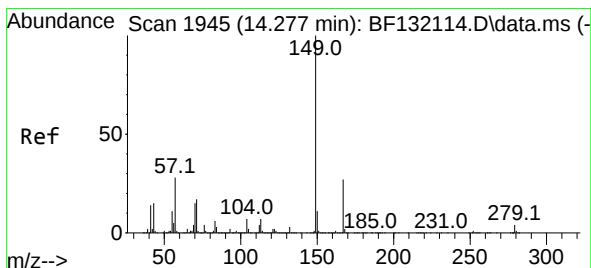
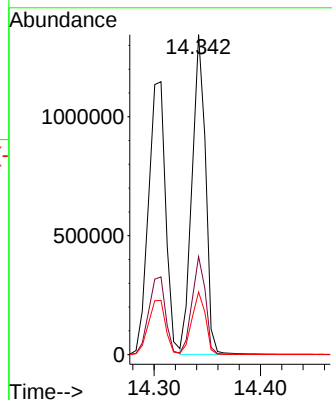
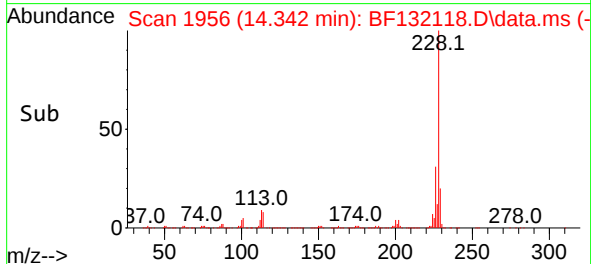
Instrument :
BNA_F
Client Sample Id :
ICVBF011823



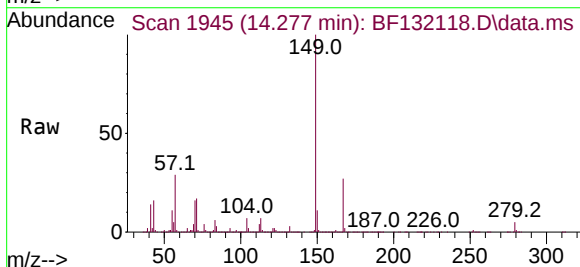
Tgt Ion:228 Resp: 1188059
Ion Ratio Lower Upper
228 100
226 30.6 24.7 37.1
229 19.6 16.2 24.4

Manual Integrations
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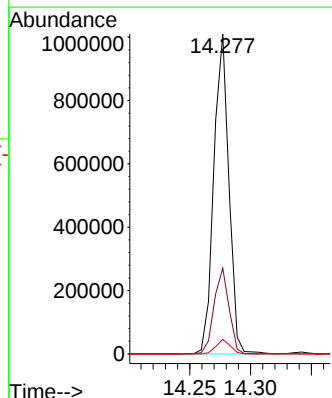
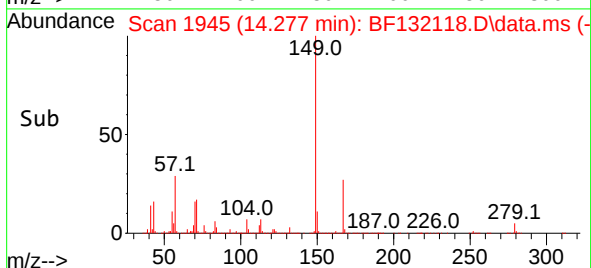
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

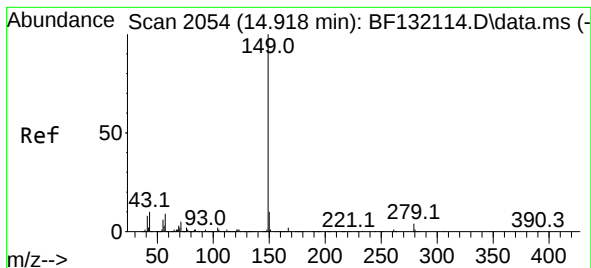


#84
Bis(2-ethylhexyl)phthalate
Concen: 43.432 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23



Tgt Ion:149 Resp: 873228
Ion Ratio Lower Upper
149 100
167 26.8 21.4 32.0
279 4.5 3.4 5.0





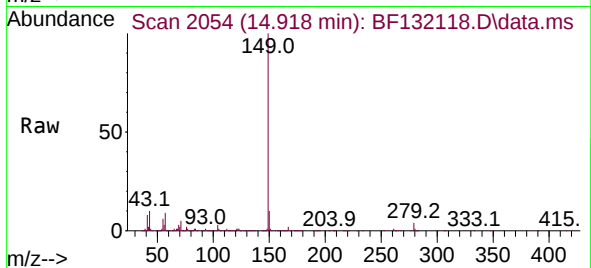
#85
Di-n-octyl phthalate
Concen: 45.565 ng
RT: 14.918 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

Instrument :

BNA_F

ClientSampleId :

ICVBF011823

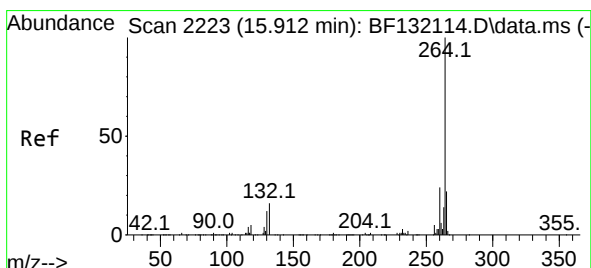
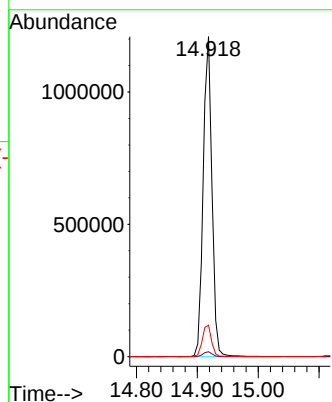
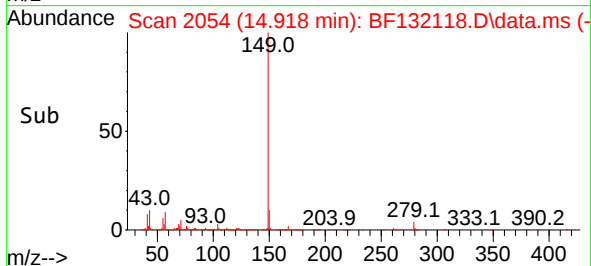


Tgt Ion:149 Resp: 1201410
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.4 8.4 12.6

Manual Integrations

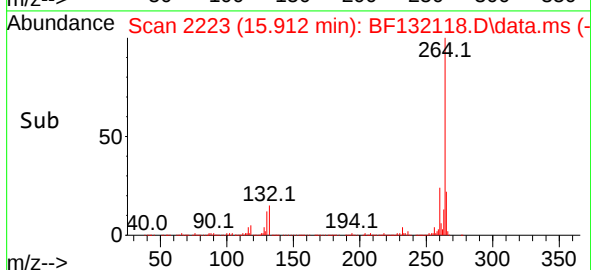
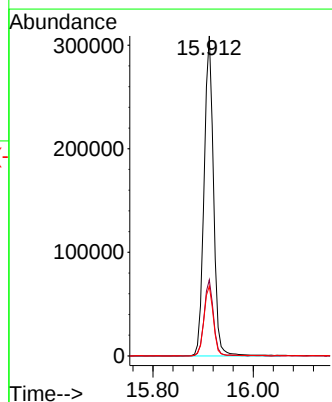
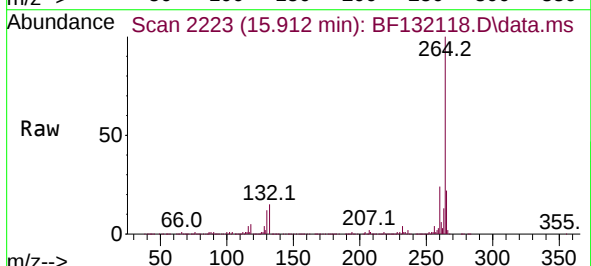
APPROVED

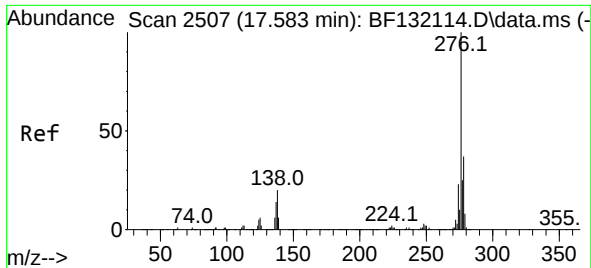
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.912 min Scan# 2223
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

Tgt Ion:264 Resp: 405415
Ion Ratio Lower Upper
264 100
260 23.8 19.1 28.7
265 21.8 17.5 26.3





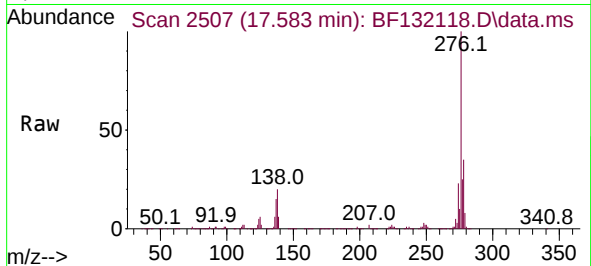
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.616 ng
RT: 17.583 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

Instrument :

BNA_F

ClientSampleId :

ICVBF011823

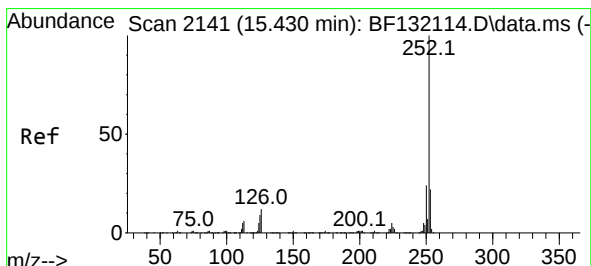
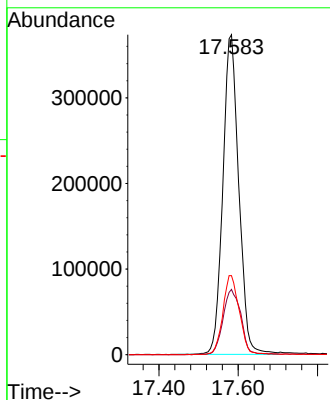
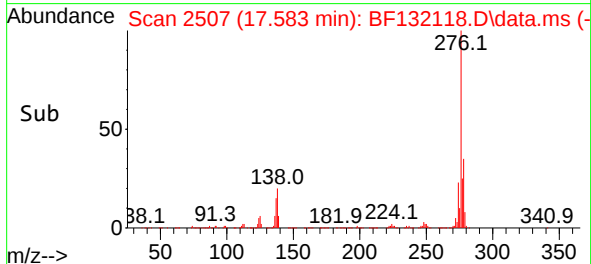


Tgt Ion:276 Resp: 1041858
Ion Ratio Lower Upper
276 100
138 22.8 18.2 27.4
277 25.6 20.0 30.0

Manual Integrations

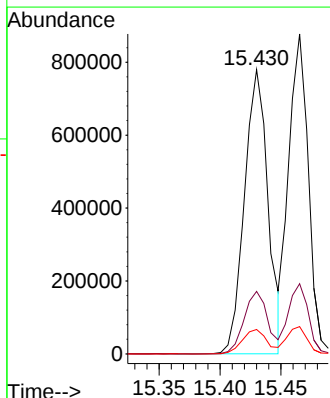
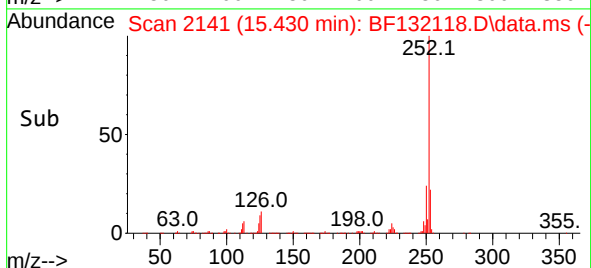
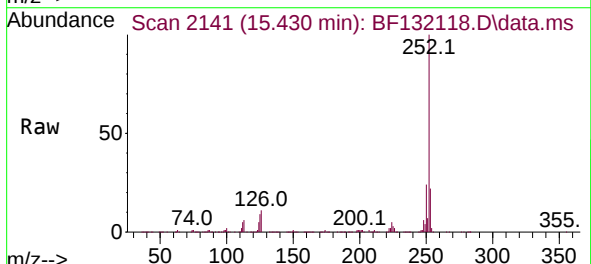
APPROVED

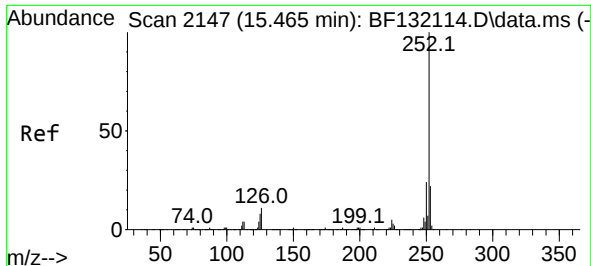
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#88
Benzo(b)fluoranthene
Concen: 41.315 ng
RT: 15.430 min Scan# 2141
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

Tgt Ion:252 Resp: 1053774
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 8.6 7.2 10.8





#89

Benzo(k)fluoranthene

Concen: 39.167 ng

RT: 15.465 min Scan# 2147

Delta R.T. -0.000 min

Lab File: BF132118.D

Acq: 18 Jan 2023 14:23

Instrument :

BNA_F

ClientSampleId :

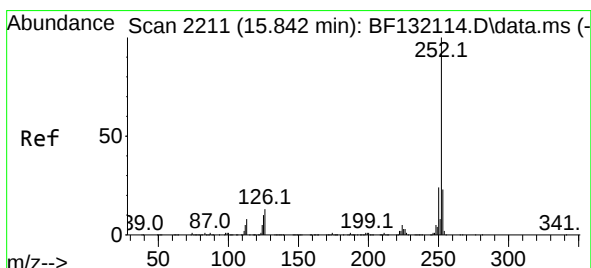
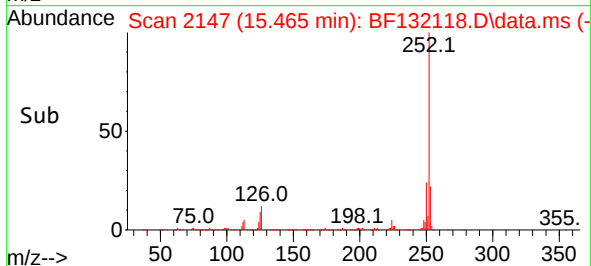
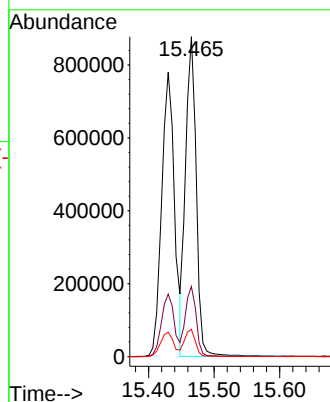
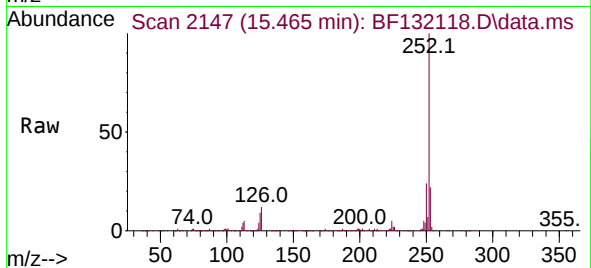
ICVBF011823

Tgt Ion:252 Resp: 999325
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.7 26.5
 125 8.5 6.7 10.1

Manual Integrations

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Reviewed By :Christian Giraldo 01/19/2023
 Supervised By :Jagrut Upadhyay 01/19/2023



#90

Benzo(a)pyrene

Concen: 41.449 ng

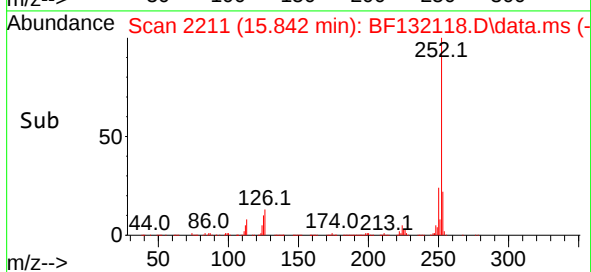
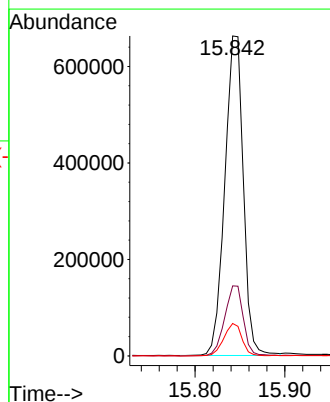
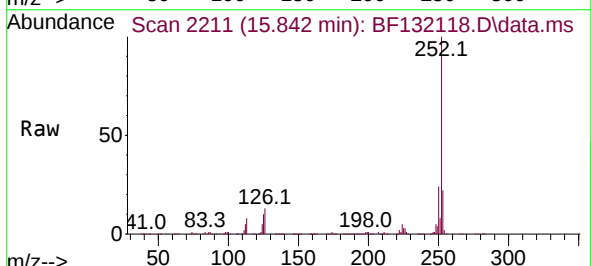
RT: 15.842 min Scan# 2211

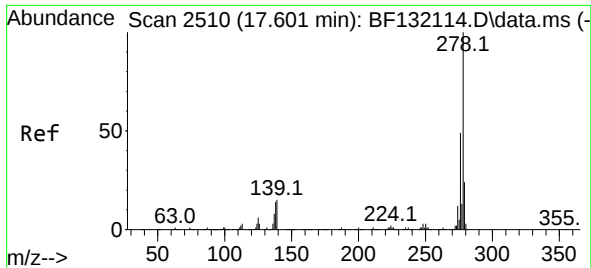
Delta R.T. -0.000 min

Lab File: BF132118.D

Acq: 18 Jan 2023 14:23

Tgt Ion:252 Resp: 955714
 Ion Ratio Lower Upper
 252 100
 253 21.9 18.2 27.2
 125 10.1 8.1 12.1





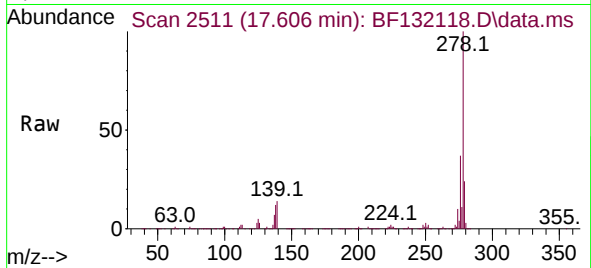
#91
Dibenzo(a,h)anthracene
Concen: 44.217 ng
RT: 17.606 min Scan# 2511
Delta R.T. 0.006 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23

Instrument :

BNA_F

ClientSampleId :

ICVBF011823

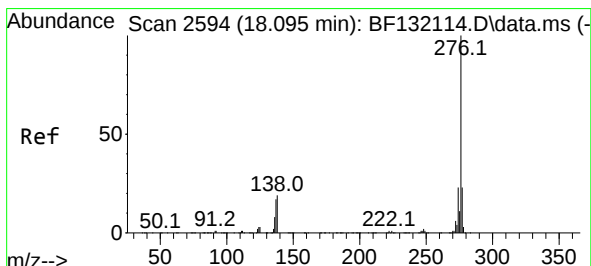
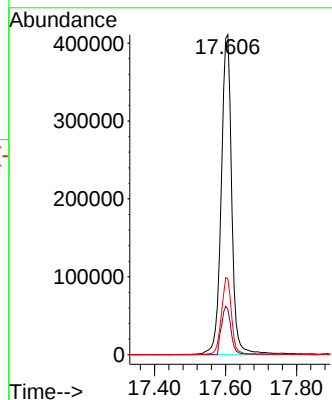
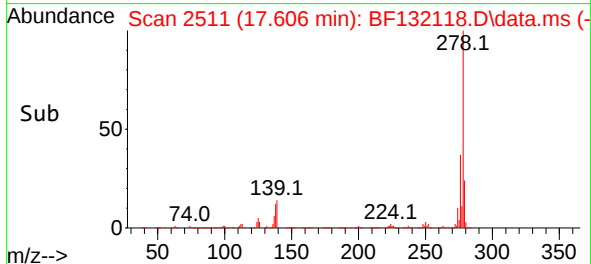


Tgt Ion:278 Resp: 848709
Ion Ratio Lower Upper
278 100
139 14.2 11.8 17.8
279 23.7 19.2 28.8

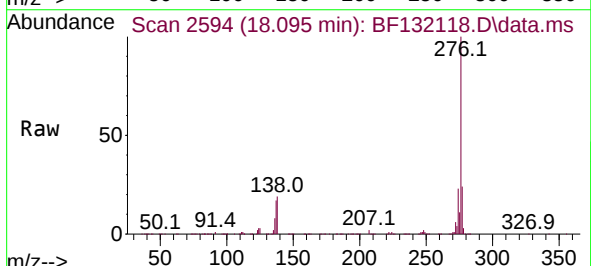
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#92
Benzo(g,h,i)perylene
Concen: 43.759 ng
RT: 18.095 min Scan# 2594
Delta R.T. -0.000 min
Lab File: BF132118.D
Acq: 18 Jan 2023 14:23



Tgt Ion:276 Resp: 875109
Ion Ratio Lower Upper
276 100
277 23.7 18.6 28.0
138 19.4 15.4 23.2

