

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012023\
 Data File : BF132169.D
 Acq On : 20 Jan 2023 19:30
 Operator : CG\JU
 Sample : 01160-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-04-SB02MSD

Quant Time: Jan 21 03:55:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 00:50:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/23/2023
 Supervised By : Jagrut Upadhyay 01/23/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.090	152	177814	20.000	ng	0.00
21) Naphthalene-d8	8.378	136	648167	20.000	ng	0.00
39) Acenaphthene-d10	10.142	164	336409	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	691444	20.000	ng	0.00
76) Chrysene-d12	14.307	240	399088	20.000	ng	0.00
86) Perylene-d12	15.901	264	388829	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.719	112	860792	84.566	ng	0.01
7) Phenol-d6	6.701	99	1130956	88.264	ng	0.00
23) Nitrobenzene-d5	7.654	82	728808	59.732	ng	0.00
42) 2,4,6-Tribromophenol	10.942	330	350889	97.649	ng	0.00
45) 2-Fluorobiphenyl	9.454	172	1257900	54.638	ng	0.00
79) Terphenyl-d14	13.236	244	1458459	61.216	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.125	88	232902	45.163	ng	99
3) Pyridine	3.849	79	603266	43.577	ng	98
4) n-Nitrosodimethylamine	3.813	42	321956	49.451	ng	98
6) Aniline	6.748	93	573962m	32.340	ng	
8) 2-Chlorophenol	6.872	128	554231	51.800	ng	98
9) Benzaldehyde	6.642	77	286950	34.810	ng	99
10) Phenol	6.719	94	667822	50.064	ng	100
11) bis(2-Chloroethyl)ether	6.819	93	545247	48.285	ng	99
12) 1,3-Dichlorobenzene	7.031	146	582336	48.690	ng	98
13) 1,4-Dichlorobenzene	7.107	146	584525	48.979	ng	97
14) 1,2-Dichlorobenzene	7.260	146	565243	51.222	ng	98
15) Benzyl Alcohol	7.225	79	505776m	51.605	ng	
16) 2,2'-oxybis(1-Chloropr...	7.360	45	795816	48.489	ng	99
17) 2-Methylphenol	7.331	107	440596	47.004	ng	98
18) Hexachloroethane	7.607	117	227234	53.042	ng	97
19) n-Nitroso-di-n-propyla...	7.501	70	362940	46.242	ng	96
20) 3+4-Methylphenols	7.484	107	550662	46.622	ng	96
22) Acetophenone	7.501	105	701517	45.030	ng	# 97
24) Nitrobenzene	7.672	77	617018	47.762	ng	99
25) Isophorone	7.913	82	1110578	46.519	ng	98
26) 2-Nitrophenol	7.989	139	277243	55.974	ng	92
27) 2,4-Dimethylphenol	8.019	122	497074	48.119	ng	99
28) bis(2-Chloroethoxy)met...	8.119	93	626331	43.727	ng	99
29) 2,4-Dichlorophenol	8.231	162	466212	47.538	ng	99
30) 1,2,4-Trichlorobenzene	8.319	180	510929	45.867	ng	100
31) Naphthalene	8.401	128	1480991	44.490	ng	99
32) Benzoic acid	8.131	122	384105	54.430	ng	95
33) 4-Chloroaniline	8.442	127	156655	10.997	ng	96
34) Hexachlorobutadiene	8.513	225	338600	45.249	ng	99
35) Caprolactam	8.825	113	156685m	56.338	ng	
36) 4-Chloro-3-methylphenol	8.913	107	478297	48.463	ng	98
37) 2-Methylnaphthalene	9.095	142	972401	42.428	ng	99
38) 1-Methylnaphthalene	9.195	142	901244	42.262	ng	98
40) 1,2,4,5-Tetrachloroben...	9.260	216	521023	44.514	ng	99
41) Hexachlorocyclopentadiene	9.248	237	660874	103.468	ng	98
43) 2,4,6-Trichlorophenol	9.366	196	359880	49.542	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.407	196	391089	46.034	ng	98
46) 1,1'-Biphenyl	9.560	154	1192784	44.942	ng	99
47) 2-Chloronaphthalene	9.589	162	945639	46.092	ng	98
48) 2-Nitroaniline	9.678	65	336726	51.147	ng	95
49) Acenaphthylene	10.007	152	1431963	43.629	ng	100
50) Dimethylphthalate	9.860	163	1111331	45.612	ng	99
51) 2,6-Dinitrotoluene	9.919	165	263079	55.708	ng	92
52) Acenaphthene	10.183	154	988526	50.073	ng	97
53) 3-Nitroaniline	10.089	138	156641	31.023	ng	99
54) 2,4-Dinitrophenol	10.195	184	280643	124.126	ng	# 48
55) Dibenzofuran	10.354	168	1338669	43.878	ng	96
56) 4-Nitrophenol	10.242	139	418279	113.828	ng	87
57) 2,4-Dinitrotoluene	10.325	165	338233	59.667	ng	96
58) Fluorene	10.701	166	1016870	44.982	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.466	232	334211	51.715	ng	99
60) Diethylphthalate	10.560	149	1110054	46.459	ng	99
61) 4-Chlorophenyl-phenyle...	10.683	204	536734	44.339	ng	98
62) 4-Nitroaniline	10.713	138	249781	53.137	ng	97
63) Azobenzene	10.848	77	1174970	48.999	ng	98
65) 4,6-Dinitro-2-methylph...	10.736	198	181778	52.637	ng	90
66) n-Nitrosodiphenylamine	10.807	169	913423	41.249	ng	99
67) 4-Bromophenyl-phenylether	11.177	248	357406	42.407	ng	99
68) Hexachlorobenzene	11.248	284	384470	45.900	ng	97
69) Atrazine	11.330	200	335931	49.169	ng	98
70) Pentachlorophenol	11.442	266	463745	86.156	ng	97
71) Phenanthrene	11.672	178	1555342	42.864	ng	99
72) Anthracene	11.725	178	1570102	42.772	ng	99
73) Carbazole	11.872	167	1442608	46.007	ng	99
74) Di-n-butylphthalate	12.195	149	1666273	47.735	ng	99
75) Fluoranthene	12.866	202	1732021	46.469	ng	99
77) Benzidine	12.983	184	531921	44.392	ng	99
78) Pyrene	13.101	202	1735084	47.175	ng	99
80) Butylbenzylphthalate	13.707	149	628967	52.219	ng	98
81) Benzo(a)anthracene	14.295	228	1315073	46.125	ng	100
82) 3,3'-Dichlorobenzidine	14.248	252	203765	25.663	ng	# 96
83) Chrysene	14.336	228	1203213	44.336	ng	99
84) Bis(2-ethylhexyl)phtha...	14.266	149	758426	47.310	ng	98
85) Di-n-octyl phthalate	14.907	149	1047668	44.898	ng	99
87) Indeno(1,2,3-cd)pyrene	17.571	276	1384667	44.874	ng	99
88) Benzo(b)fluoranthene	15.424	252	1177388	49.733	ng	99
89) Benzo(k)fluoranthene	15.454	252	1136865	47.085	ng	99
90) Benzo(a)pyrene	15.836	252	1040427	45.685	ng	99
91) Dibenzo(a,h)anthracene	17.595	278	1111774	48.314	ng	98
92) Benzo(g,h,i)perylene	18.083	276	1166053	44.116	ng	99

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

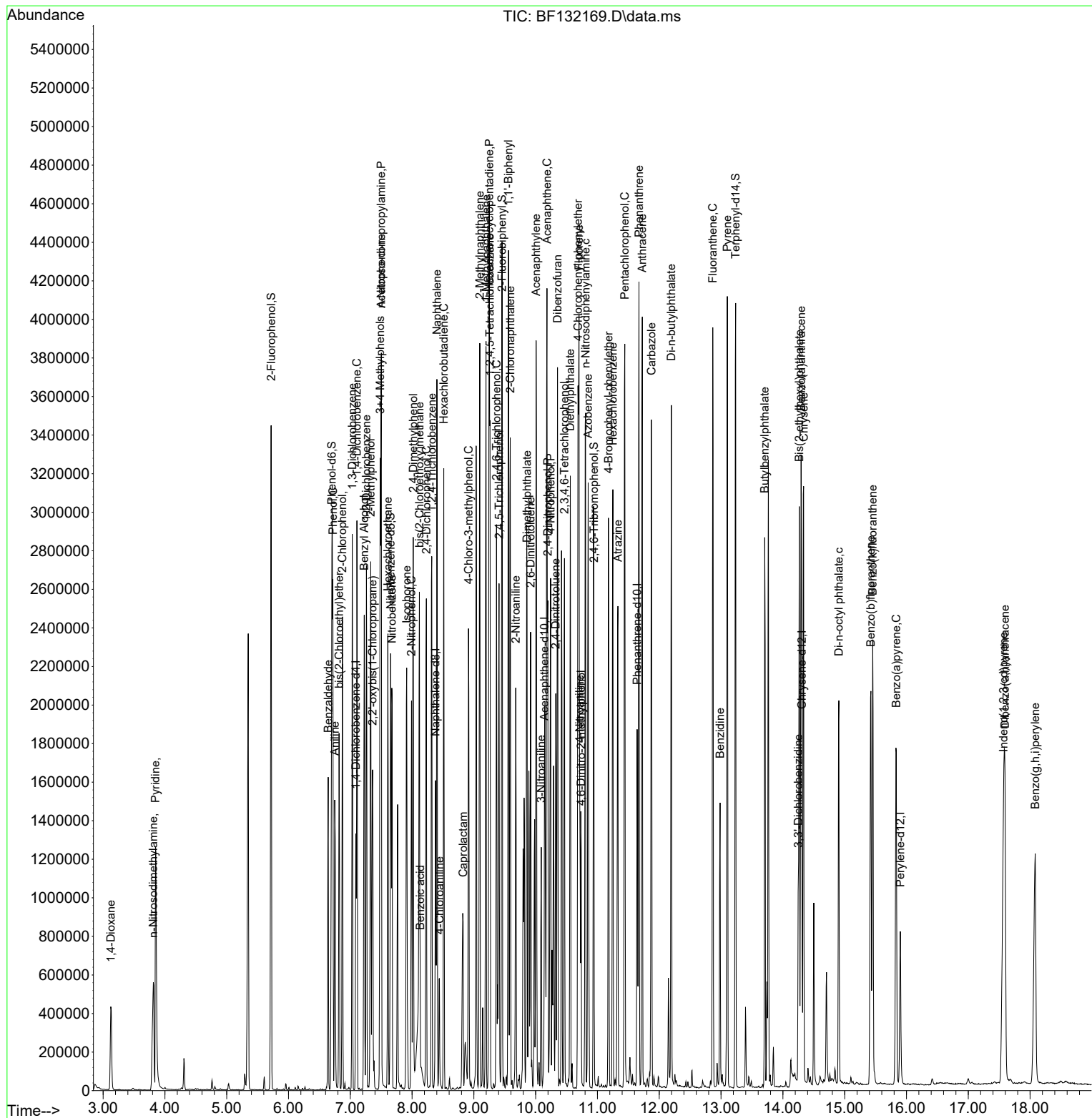
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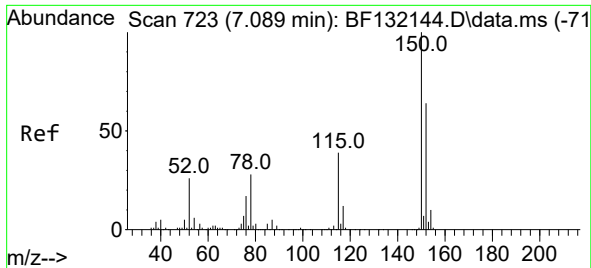
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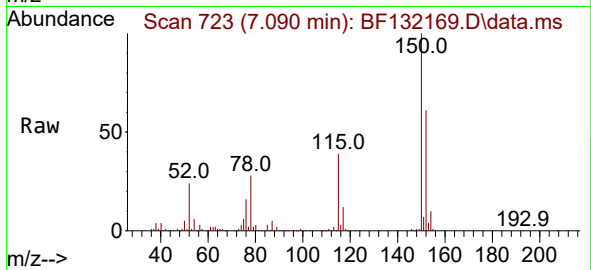
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.090 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

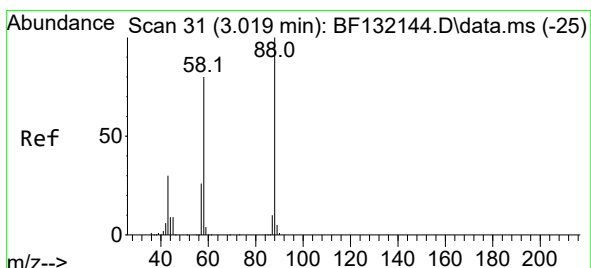
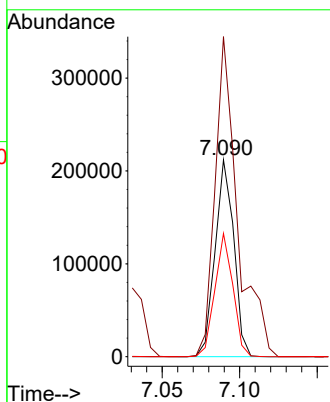
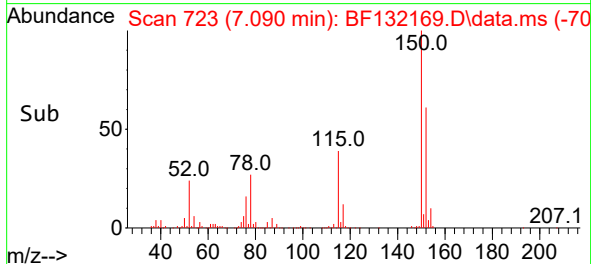
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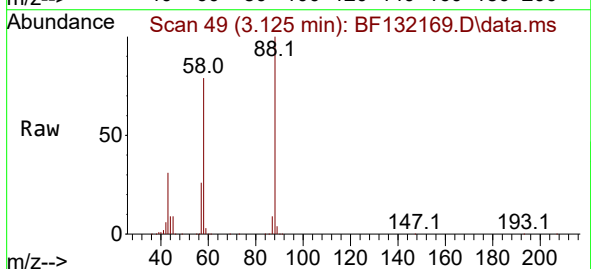
Tgt Ion:152 Resp: 177814
Ion Ratio Lower Upper
152 100
150 162.6 125.8 188.8
115 62.6 49.2 73.8

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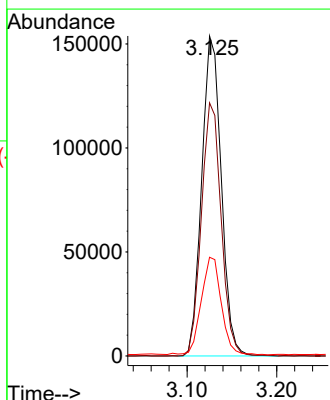
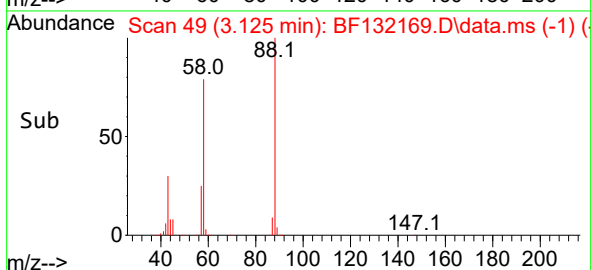
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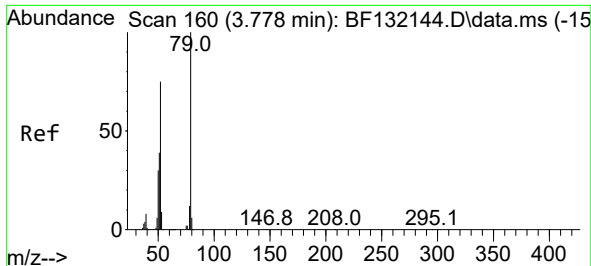


#2
1,4-Dioxane
Concen: 45.163 ng
RT: 3.125 min Scan# 49
Delta R.T. 0.106 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30



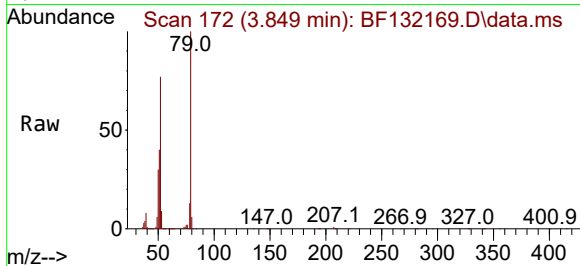
Tgt Ion: 88 Resp: 232902
Ion Ratio Lower Upper
88 100
58 80.1 64.0 96.0
43 31.3 24.2 36.4





#3
Pyridine
Concen: 43.577 ng
RT: 3.849 min Scan# 11
Delta R.T. 0.071 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

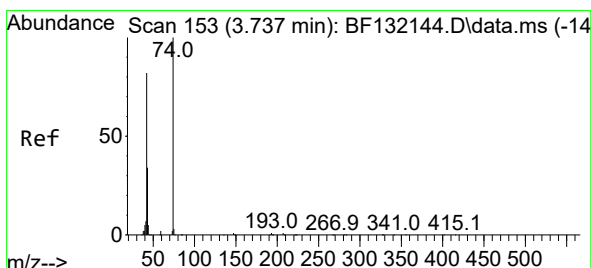
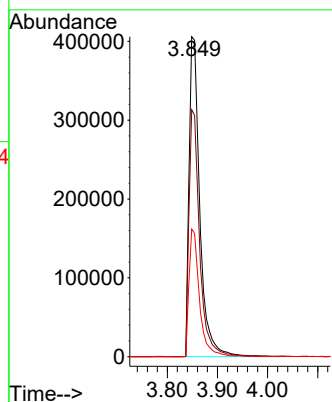
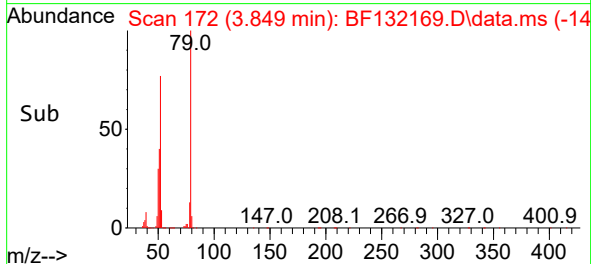
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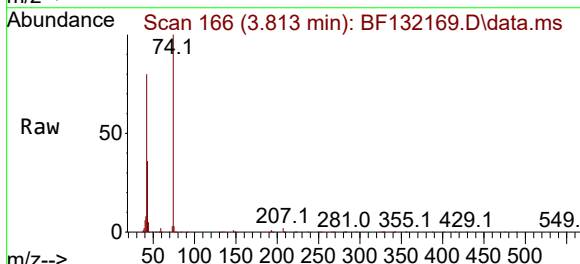
Tgt Ion: 79 Resp: 603260
Ion Ratio Lower Upper
79 100
52 77.1 60.1 90.1
51 39.9 31.4 47.0

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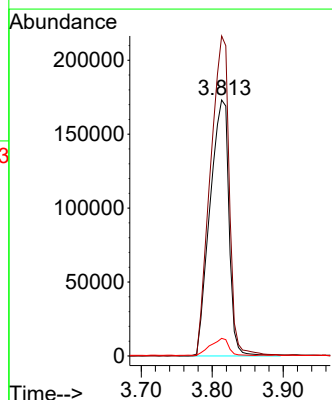
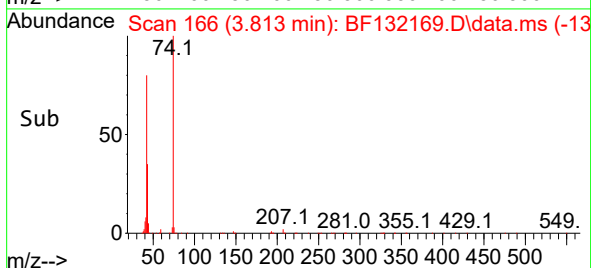
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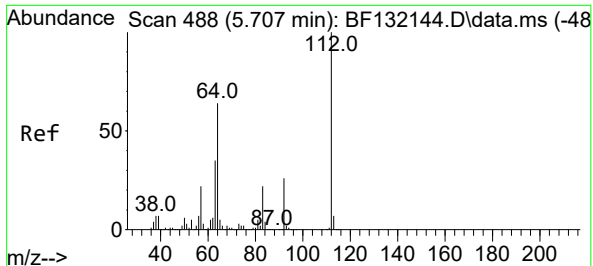


#4
n-Nitrosodimethylamine
Concen: 49.451 ng
RT: 3.813 min Scan# 166
Delta R.T. 0.077 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30



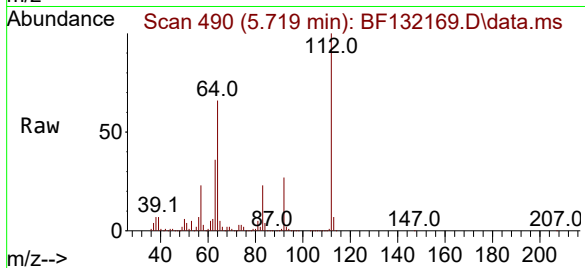
Tgt Ion: 42 Resp: 321956
Ion Ratio Lower Upper
42 100
74 125.0 98.1 147.1
44 6.9 5.2 7.8





#5
2-Fluorophenol
Concen: 84.566 ng
RT: 5.719 min Scan# 490
Delta R.T. 0.012 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

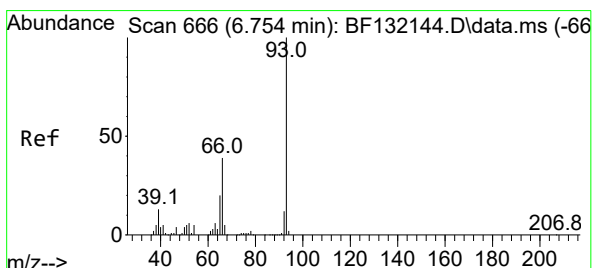
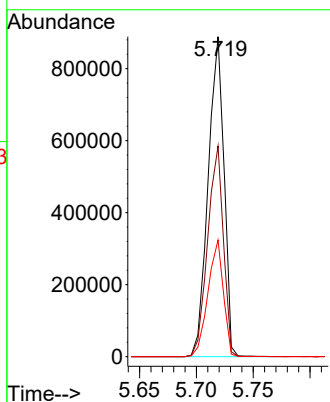
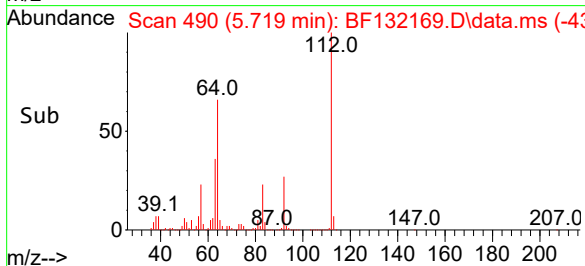
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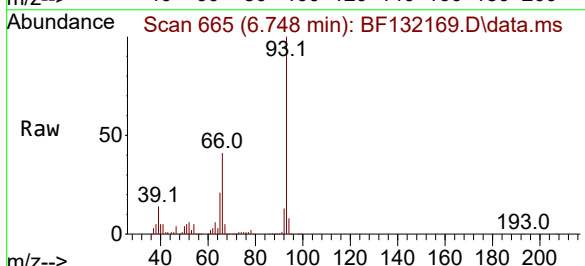
Tgt Ion: 112 Resp: 860792
Ion Ratio Lower Upper
112 100
64 65.8 51.4 77.0
63 36.4 28.2 42.2

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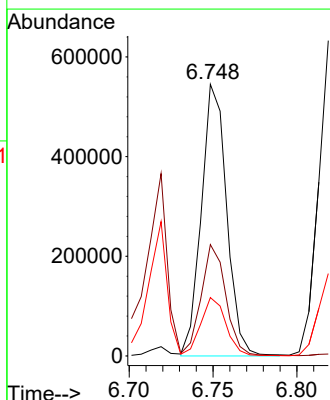
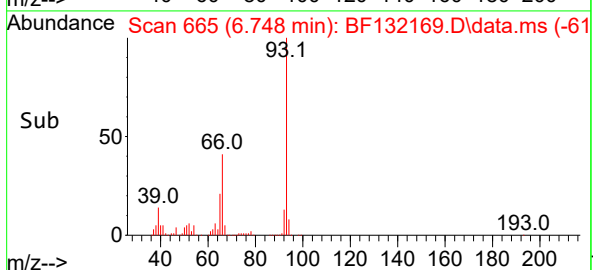
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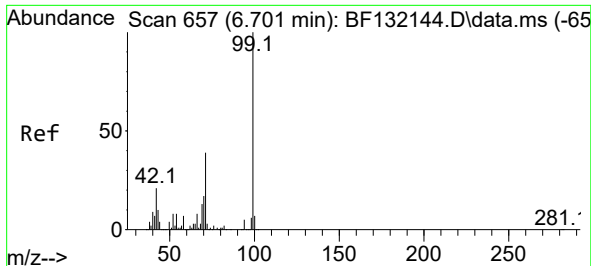


#6
Aniline
Concen: 32.340 ng m
RT: 6.748 min Scan# 665
Delta R.T. -0.006 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30



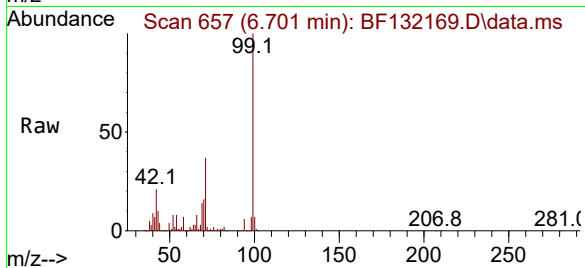
Tgt Ion: 93 Resp: 573962
Ion Ratio Lower Upper
93 100
66 41.0 33.0 49.6
65 21.5 16.8 25.2





#7
Phenol-d6
Concen: 88.264 ng
RT: 6.701 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

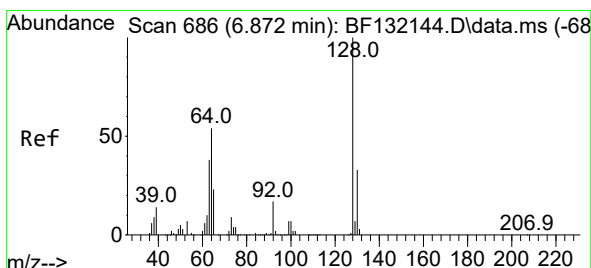
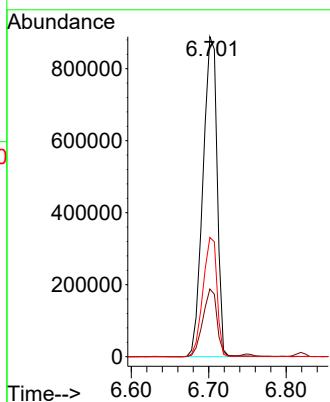
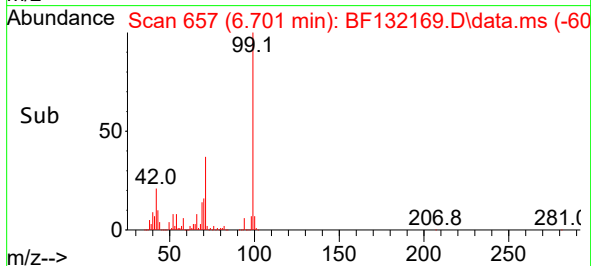
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Tgt Ion: 99 Resp: 1130950
Ion Ratio Lower Upper
99 100
42 21.2 16.6 24.8
71 37.3 30.8 46.2

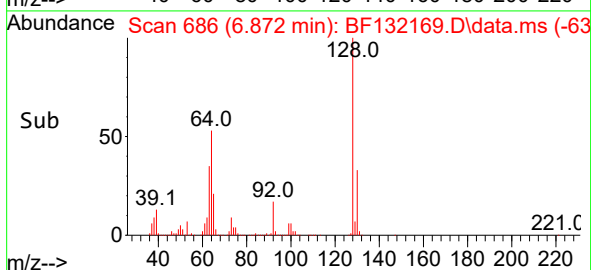
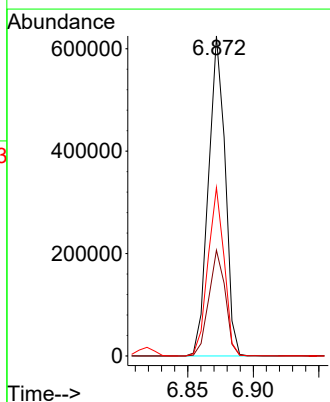
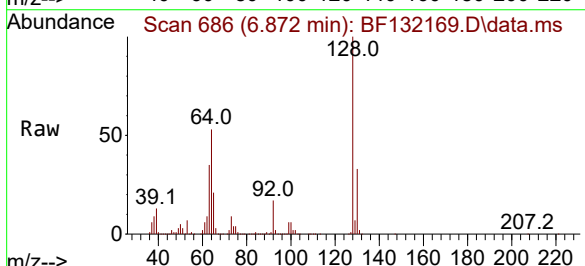
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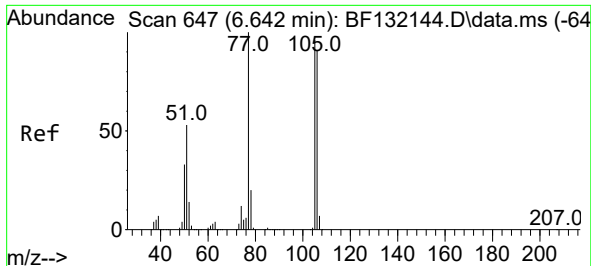
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#8
2-Chlorophenol
Concen: 51.800 ng
RT: 6.872 min Scan# 686
Delta R.T. 0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

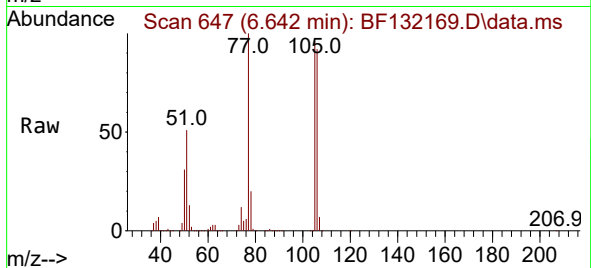
Tgt Ion:128 Resp: 554231
Ion Ratio Lower Upper
128 100
130 33.1 12.8 52.8
64 52.6 34.8 74.8





#9
Benzaldehyde
Concen: 34.810 ng
RT: 6.642 min Scan# 647
Delta R.T. 0.000 min
Lab File: BF132169.D
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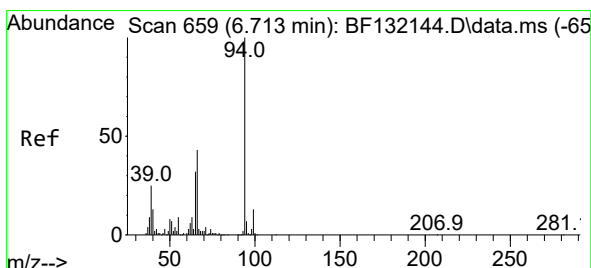
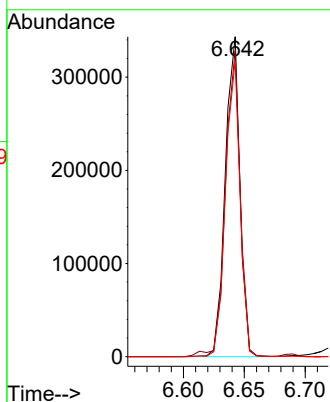
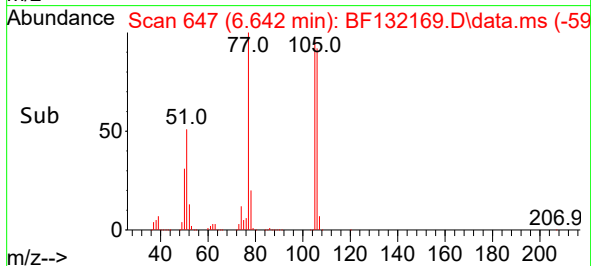
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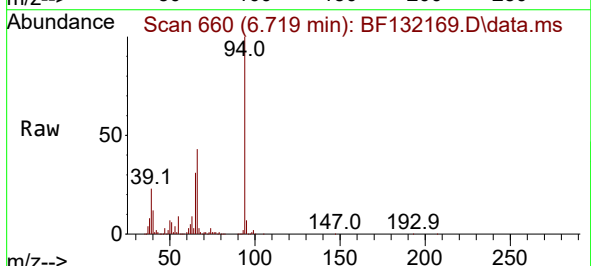
Tgt Ion: 77 Resp: 286950
Ion Ratio Lower Upper
77 100
105 95.7 75.5 115.5
106 92.4 70.7 110.7

Manual Integrations
APPROVED

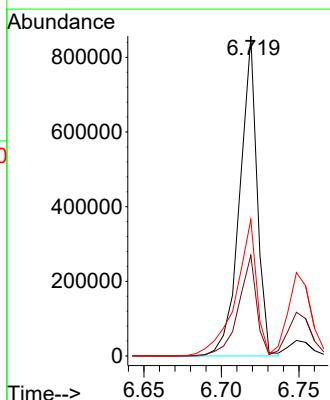
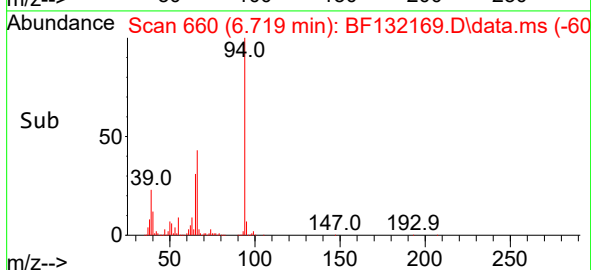
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

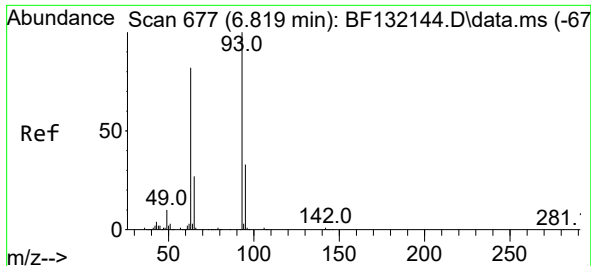


#10
Phenol
Concen: 50.064 ng
RT: 6.719 min Scan# 660
Delta R.T. 0.006 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30



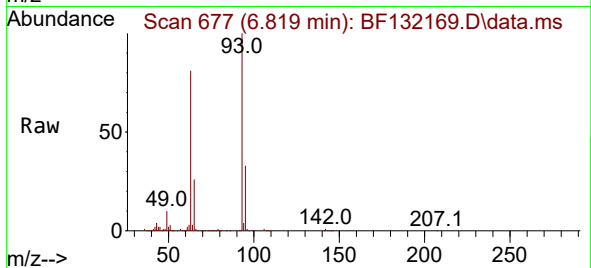
Tgt Ion: 94 Resp: 667822
Ion Ratio Lower Upper
94 100
65 31.5 12.0 52.0
66 42.7 22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 48.285 ng
RT: 6.819 min Scan# 611
Delta R.T. 0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

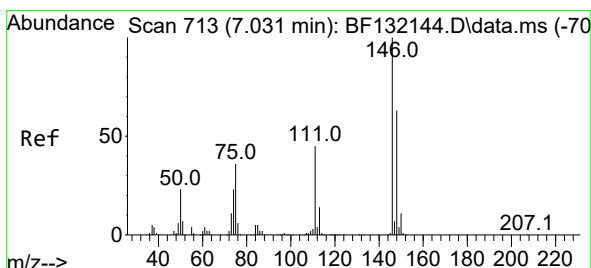
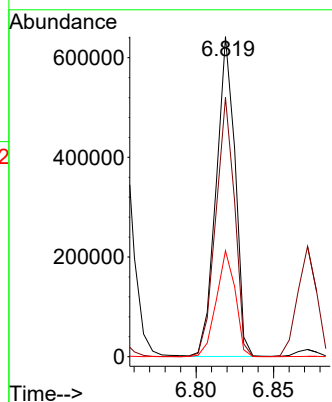
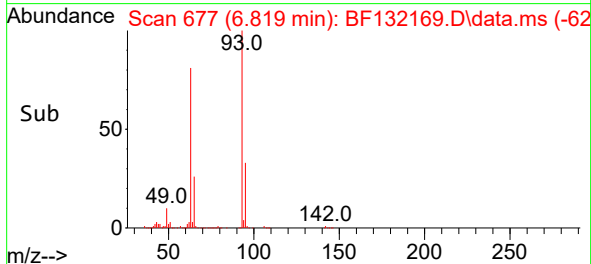
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MSD



Tgt Ion: 93 Resp: 54524
Ion Ratio Lower Upper
93 100
63 81.0 61.6 101.6
95 33.1 12.7 52.7

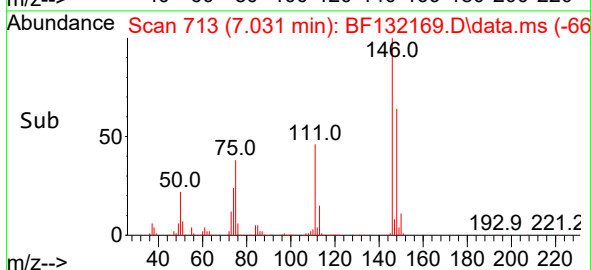
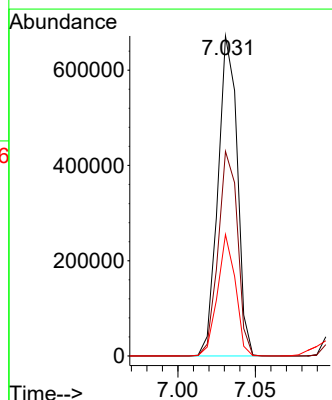
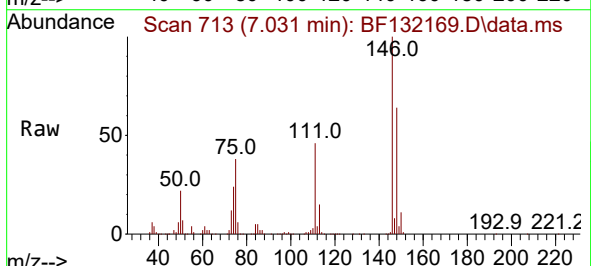
Manual Integrations
APPROVED

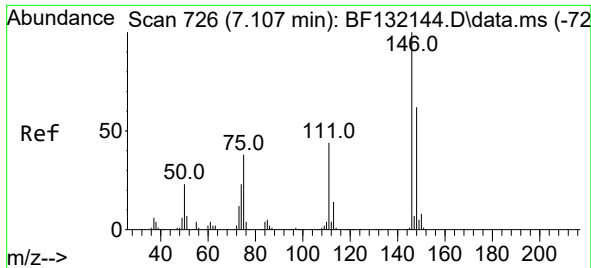
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#12
1,3-Dichlorobenzene
Concen: 48.690 ng
RT: 7.031 min Scan# 713
Delta R.T. 0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

Tgt Ion:146 Resp: 582336
Ion Ratio Lower Upper
146 100
148 64.0 50.0 75.0
75 38.0 28.8 43.2





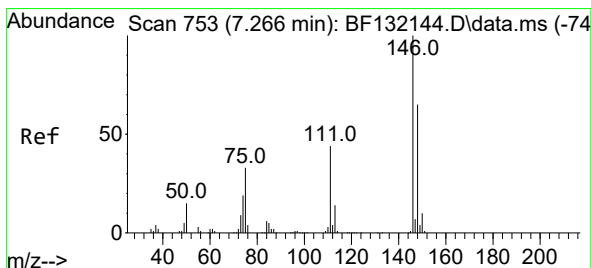
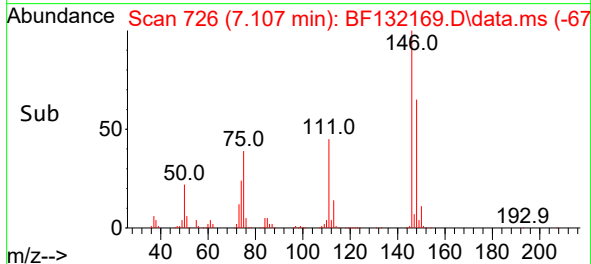
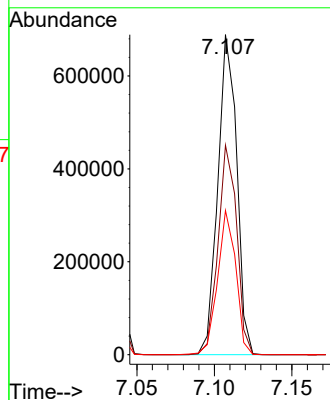
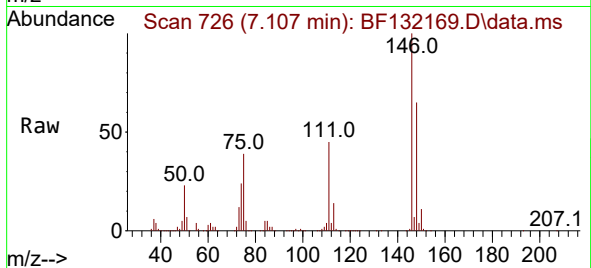
#13
1,4-Dichlorobenzene
Concen: 48.979 ng
RT: 7.107 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

Instrument :
BNA_F
ClientSampleId :
B-04-SB02MSD

Tgt Ion:146 Resp: 58452
Ion Ratio Lower Upper
146 100
148 65.5 49.9 74.9
111 45.0 35.2 52.8

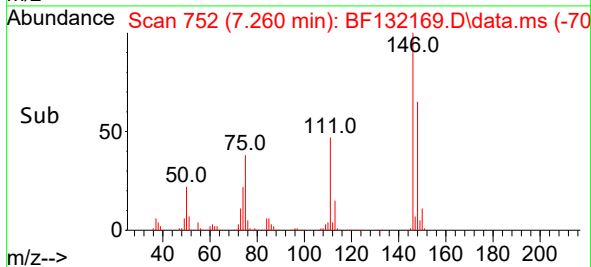
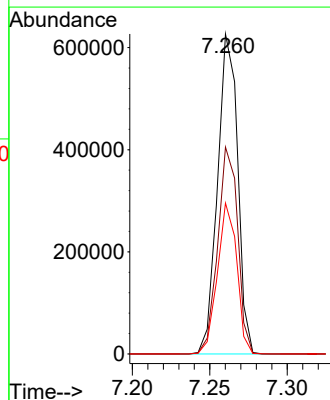
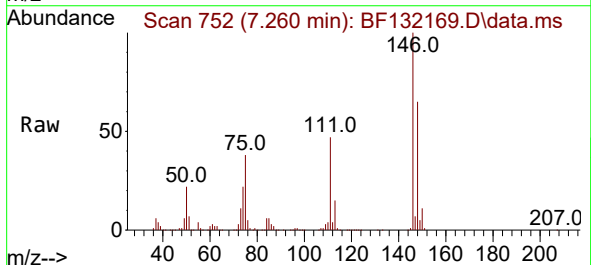
Manual Integrations
APPROVED

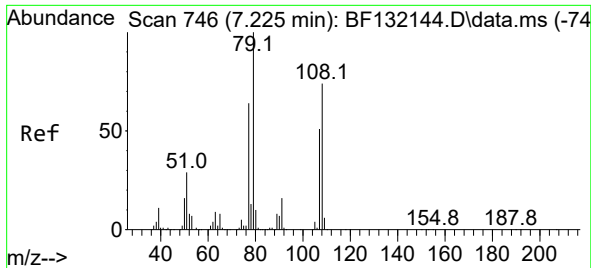
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#14
1,2-Dichlorobenzene
Concen: 51.222 ng
RT: 7.260 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

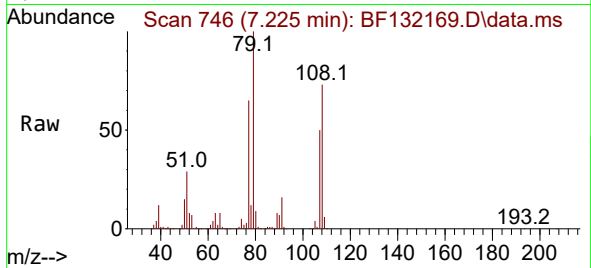
Tgt Ion:146 Resp: 565243
Ion Ratio Lower Upper
146 100
148 64.7 52.0 78.0
111 47.2 35.4 53.2





#15
Benzyl Alcohol
Concen: 51.605 ng m
RT: 7.225 min Scan# 746
Delta R.T. 0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

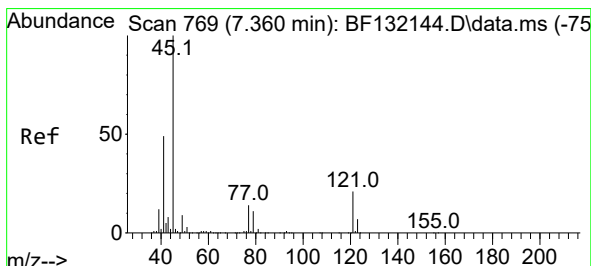
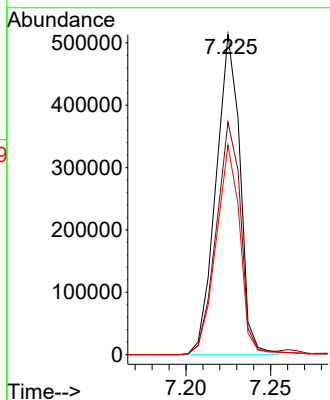
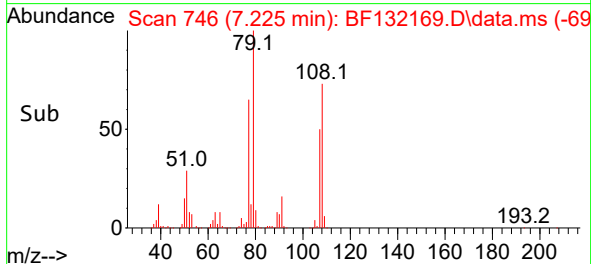
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MSD



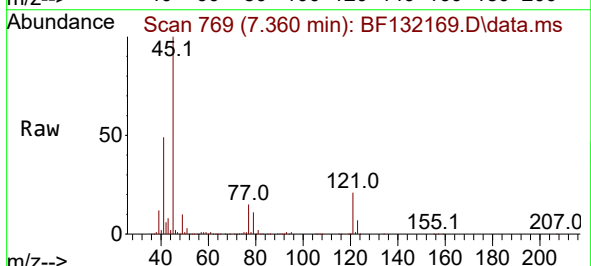
Tgt Ion: 79 Resp: 505770
Ion Ratio Lower Upper
79 100
108 72.7 58.9 88.3
77 65.5 51.1 76.7

Manual Integrations
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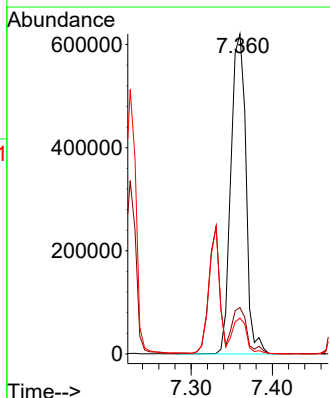
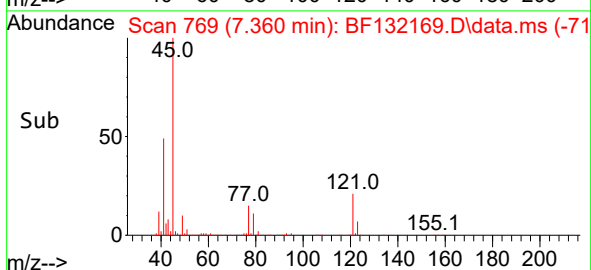
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

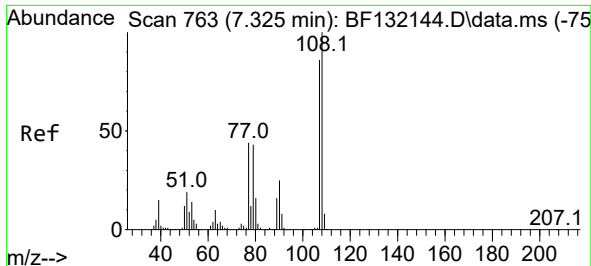


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.489 ng
RT: 7.360 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30



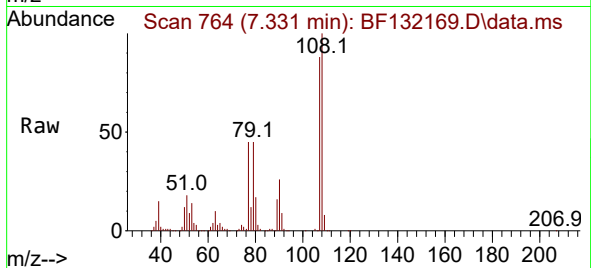
Tgt Ion: 45 Resp: 795816
Ion Ratio Lower Upper
45 100
77 14.5 0.0 34.3
79 11.2 0.0 30.9





#17
2-Methylphenol
Concen: 47.004 ng
RT: 7.331 min Scan# 764
Delta R.T. 0.006 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

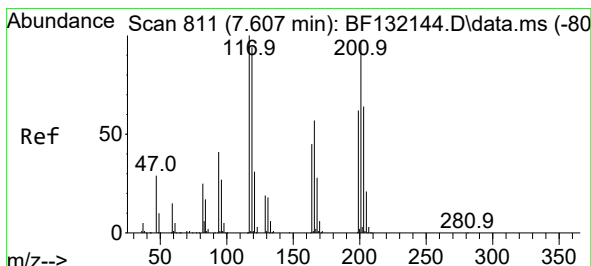
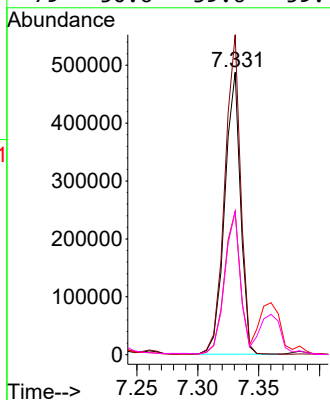
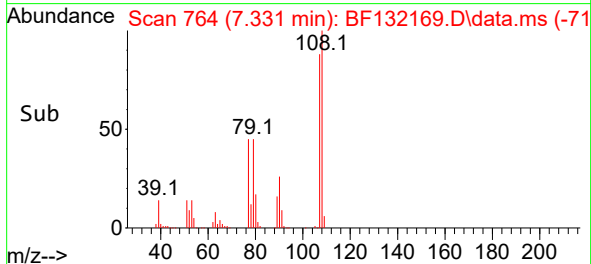
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MSD



Tgt Ion:107 Resp: 440590
Ion Ratio Lower Upper
107 100
108 113.3 92.8 139.2
77 50.7 41.1 61.7
79 50.6 39.6 59.4

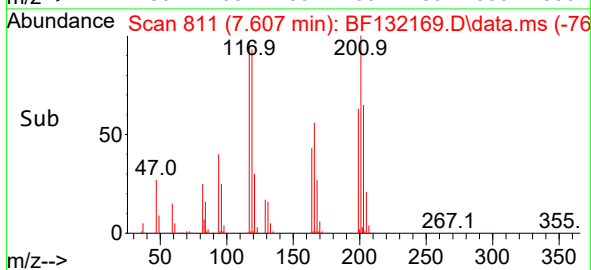
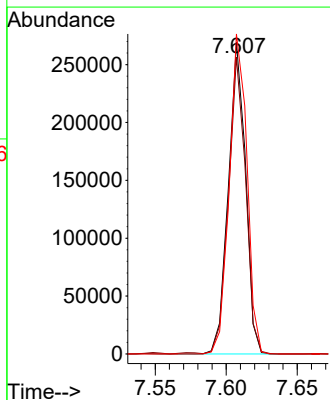
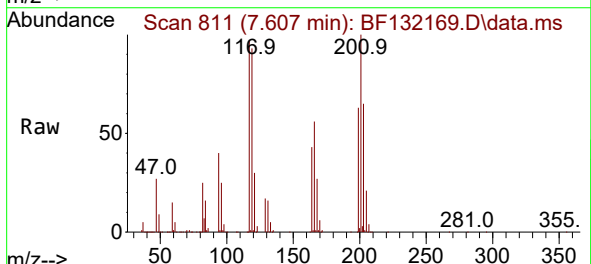
Manual Integrations
APPROVED

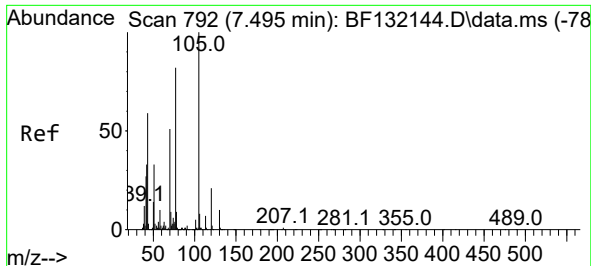
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#18
Hexachloroethane
Concen: 53.042 ng
RT: 7.607 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

Tgt Ion:117 Resp: 227234
Ion Ratio Lower Upper
117 100
119 95.2 75.4 113.0
201 102.6 77.9 116.9





#19
n-Nitroso-di-n-propylamine
Concen: 46.242 ng
RT: 7.501 min Scan# 792
Delta R.T. 0.006 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

Instrument :

BNA_F

ClientSampleId :

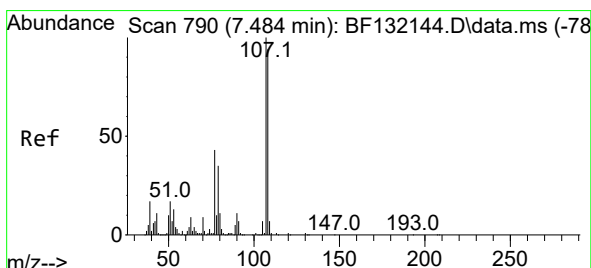
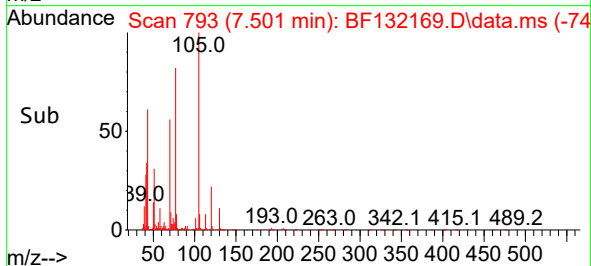
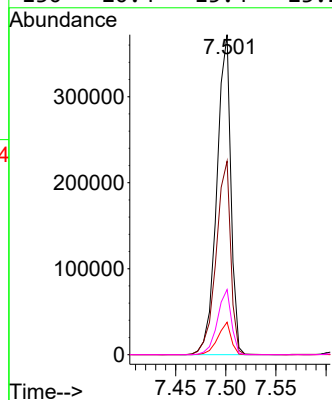
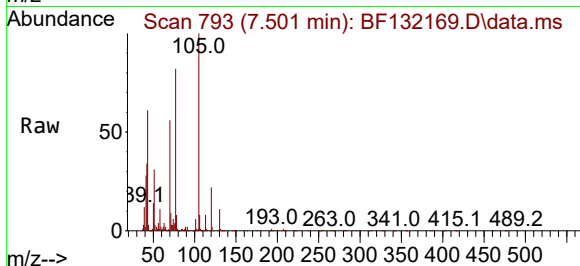
B-04-SB02MSD

Tgt Ion: 70 Resp: 362940
Ion Ratio Lower Upper
70 100
42 60.4 51.0 76.4
101 10.2 7.3 10.9
130 20.4 15.4 23.2

Manual Integrations

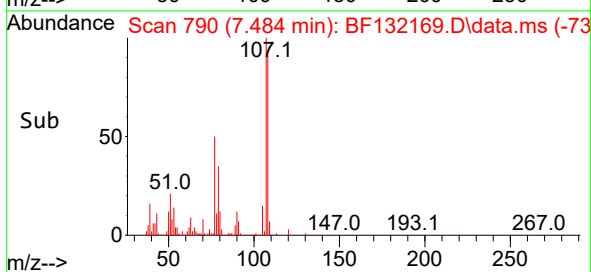
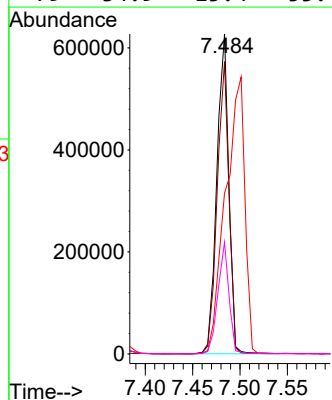
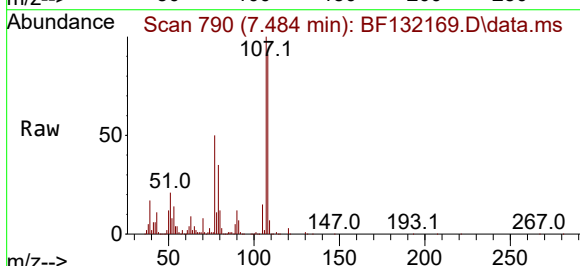
APPROVED

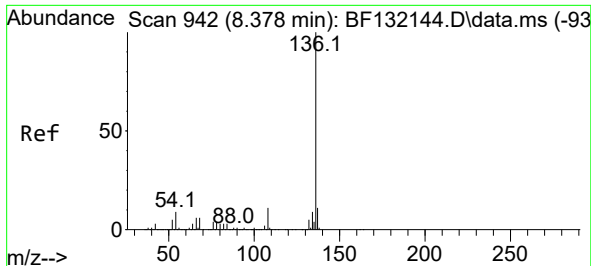
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#20
3+4-Methylphenols
Concen: 46.622 ng
RT: 7.484 min Scan# 790
Delta R.T. -0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

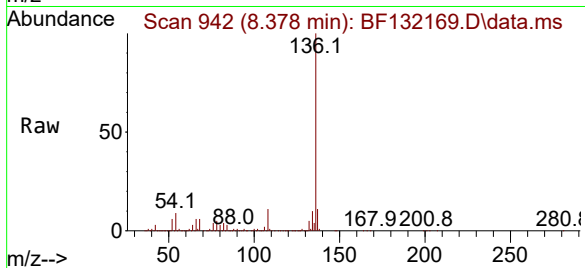
Tgt Ion:107 Resp: 550662
Ion Ratio Lower Upper
107 100
108 91.3 73.8 113.8
77 50.3 22.8 62.8
79 34.9 15.4 55.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.378 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

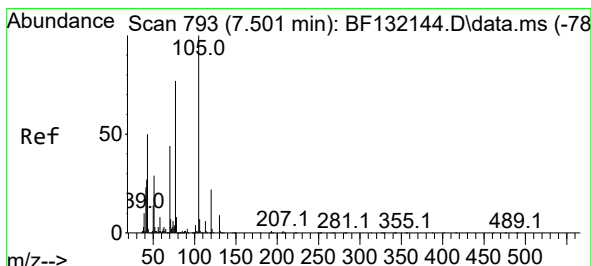
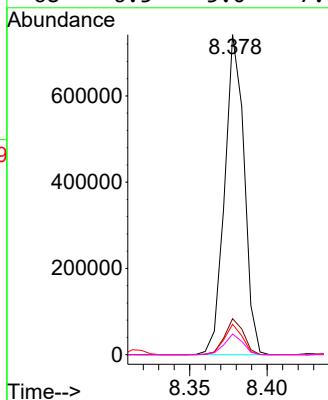
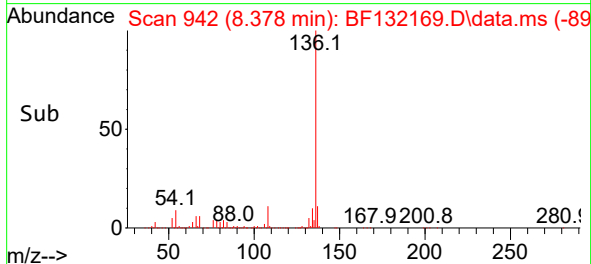
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MSD



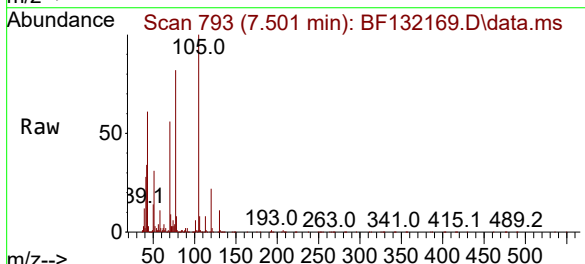
Tgt Ion:136 Resp: 64816
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 9.5 7.0 10.6
68 6.5 5.0 7.6

Manual Integrations
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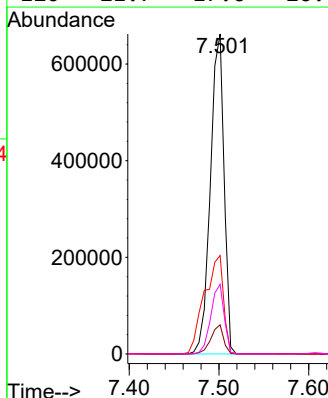
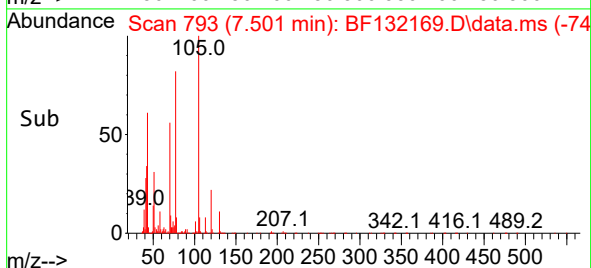
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

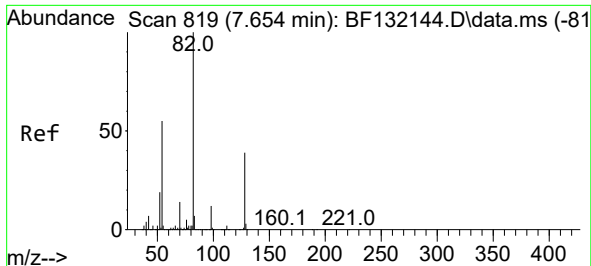


#22
Acetophenone
Concen: 45.030 ng
RT: 7.501 min Scan# 793
Delta R.T. 0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30



Tgt Ion:105 Resp: 701517
Ion Ratio Lower Upper
105 100
71 9.1 5.8 8.6#
51 30.8 23.0 34.6
120 21.7 17.6 26.4





#23

Nitrobenzene-d5

Concen: 59.732 ng

RT: 7.654 min Scan# 819

Delta R.T. 0.000 min

Lab File: BF132169.D

Acq: 20 Jan 2023 19:30

Instrument :

BNF

ClientSampleId :

B-04-SB02MSD

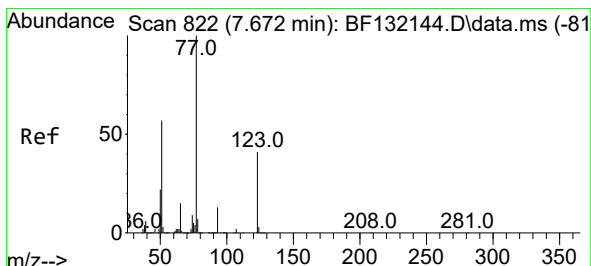
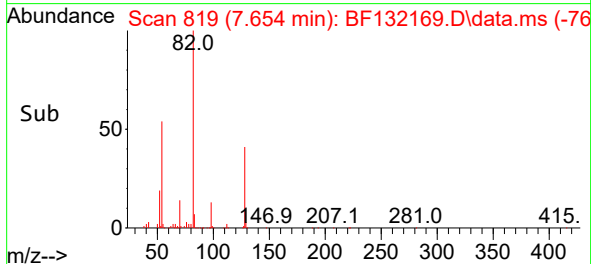
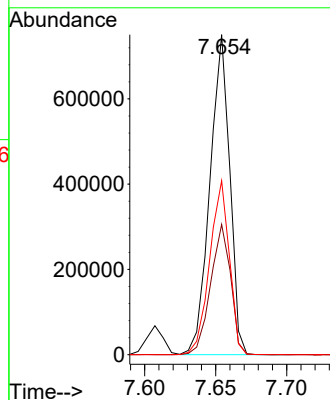
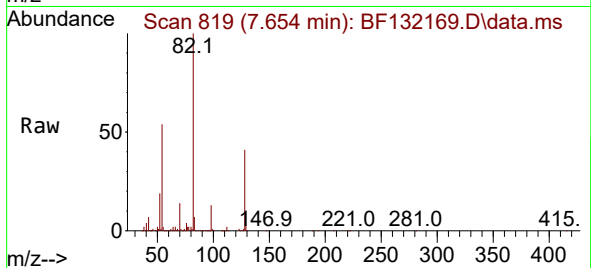
Tgt Ion: 82 Resp: 728808

Ion	Ratio	Lower	Upper
82	100		
128	40.7	31.1	46.7
54	54.3	43.9	65.9

Manual Integrations

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Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#24

Nitrobenzene

Concen: 47.762 ng

RT: 7.672 min Scan# 822

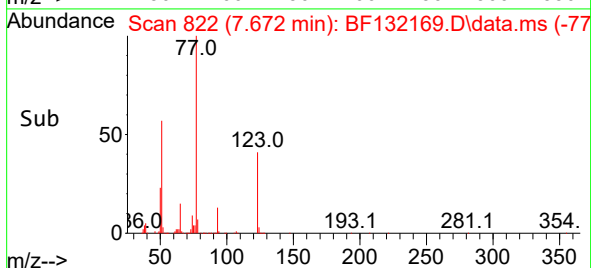
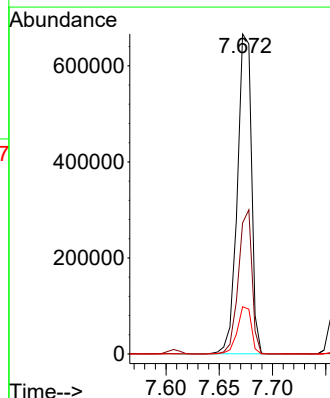
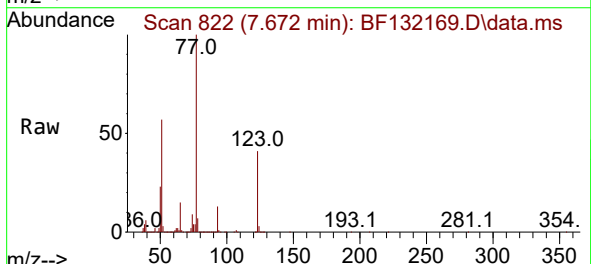
Delta R.T. -0.000 min

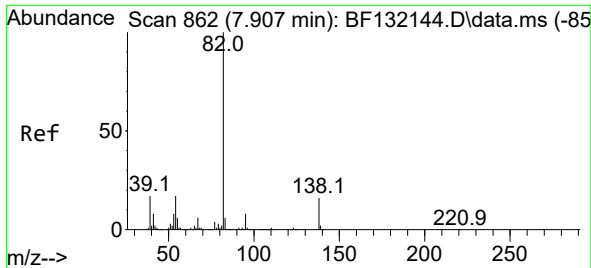
Lab File: BF132169.D

Acq: 20 Jan 2023 19:30

Tgt Ion: 77 Resp: 617018

Ion	Ratio	Lower	Upper
77	100		
123	41.0	33.1	49.7
65	14.8	11.7	17.5





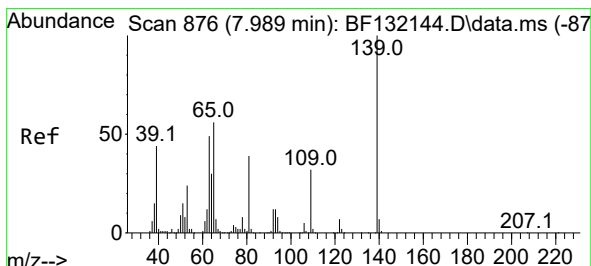
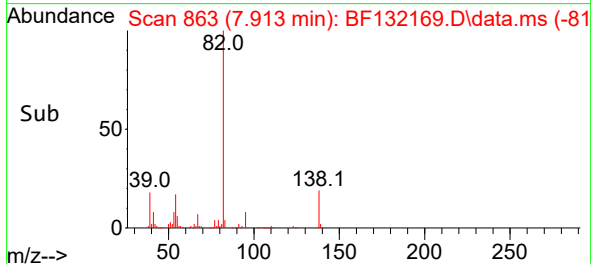
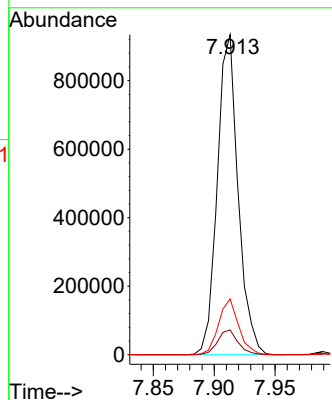
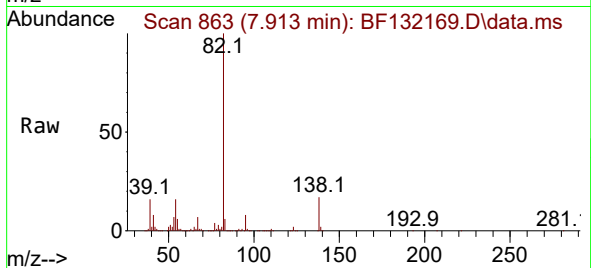
#25
Isophorone
Concen: 46.519 ng
RT: 7.913 min Scan# 863
Delta R.T. 0.006 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

Instrument :
BNA_F
ClientSampleId :
B-04-SB02MSD

Tgt Ion: 82 Resp: 1110578
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 17.4 12.9 19.3

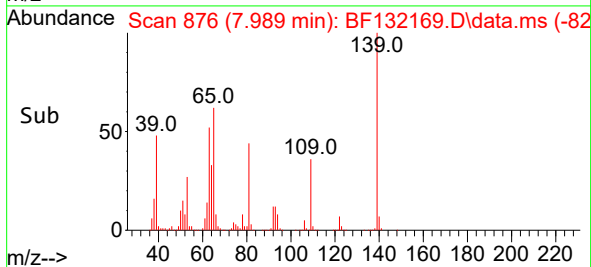
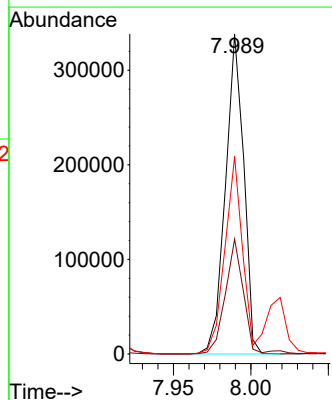
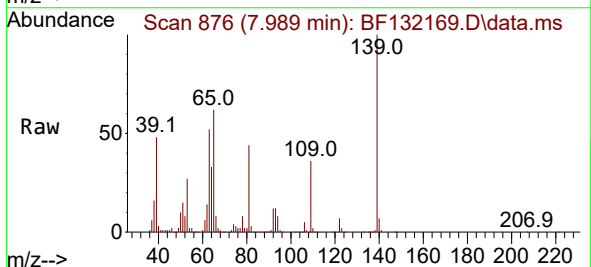
Manual Integrations
APPROVED

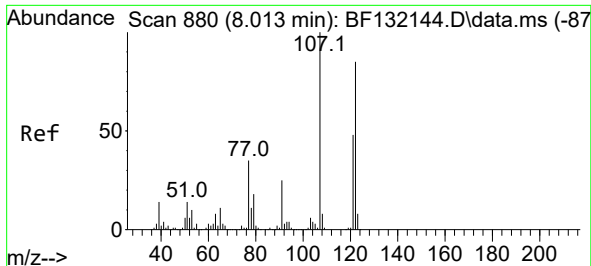
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#26
2-Nitrophenol
Concen: 55.974 ng
RT: 7.989 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

Tgt Ion:139 Resp: 277243
Ion Ratio Lower Upper
139 100
109 35.9 25.8 38.8
65 61.7 44.6 66.8





#27

2,4-Dimethylphenol

Concen: 48.119 ng

RT: 8.019 min Scan# 880

Delta R.T. 0.006 min

Lab File: BF132169.D

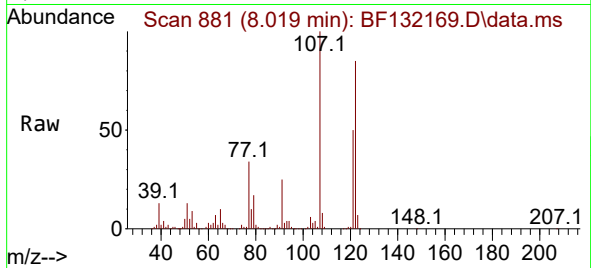
Acq: 20 Jan 2023 19:30

Instrument :

BNA_F

ClientSampleId :

B-04-SB02MSD



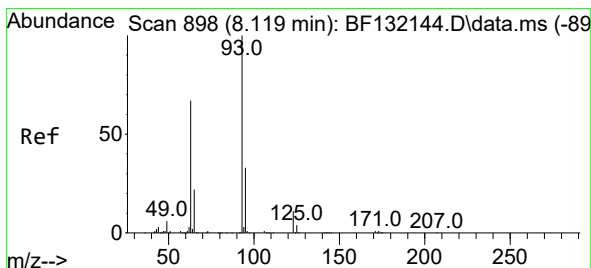
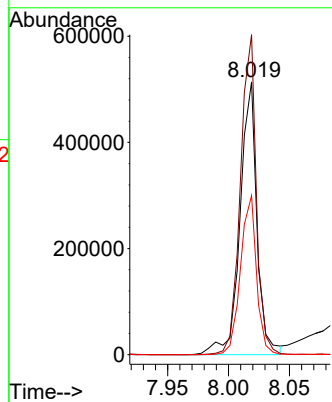
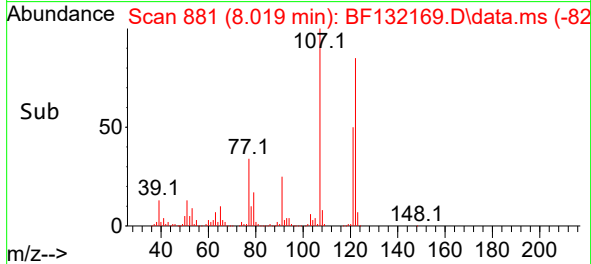
Tgt Ion:	122	Resp:	497074
Ion	Ratio	Lower	Upper
122	100		
107	117.3	94.2	141.4
121	58.3	45.6	68.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#28

bis(2-Chloroethoxy)methane

Concen: 43.727 ng

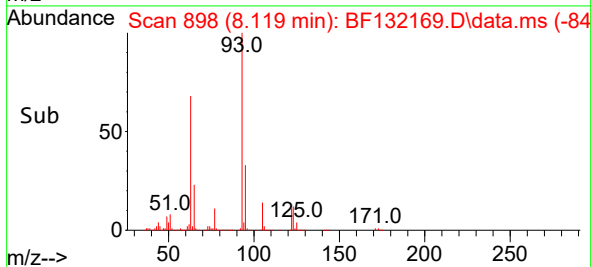
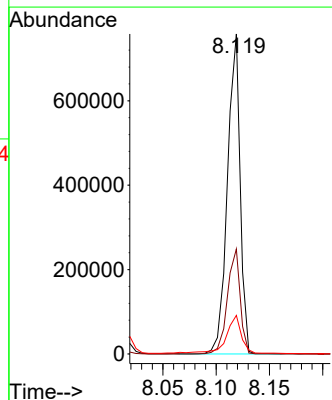
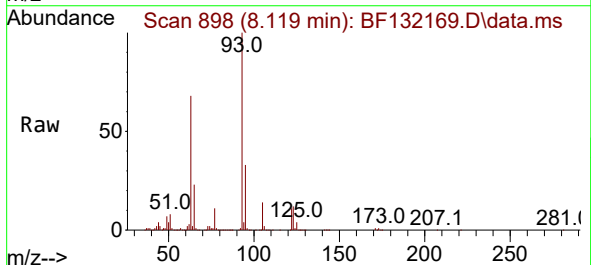
RT: 8.119 min Scan# 898

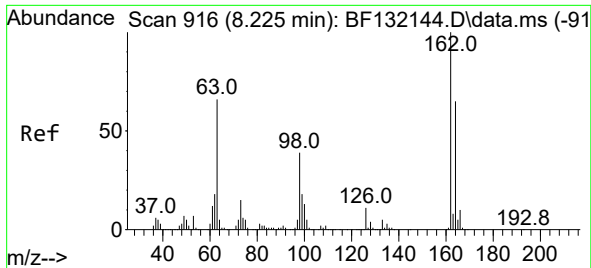
Delta R.T. -0.000 min

Lab File: BF132169.D

Acq: 20 Jan 2023 19:30

Tgt Ion:	93	Resp:	626331
Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.2	39.2
123	12.1	9.1	13.7





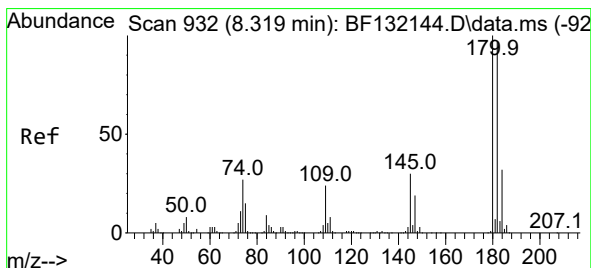
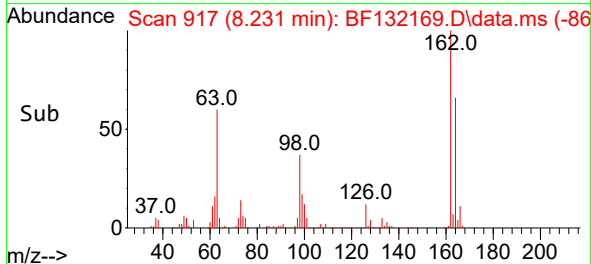
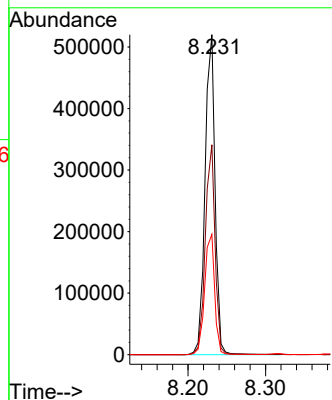
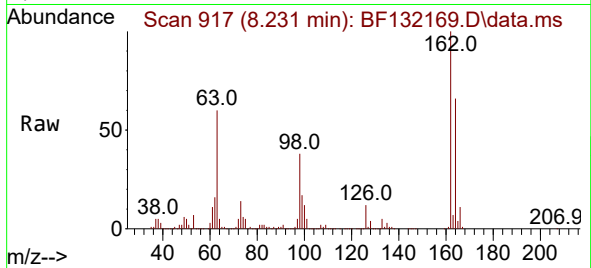
#29
2,4-Dichlorophenol
Concen: 47.538 ng
RT: 8.231 min Scan# 916
Delta R.T. 0.006 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

Instrument :
BNA_F
ClientSampleId :
B-04-SB02MSD

Tgt Ion:162 Resp: 466212
Ion Ratio Lower Upper
162 100
164 65.6 44.7 84.7
98 37.6 18.8 58.8

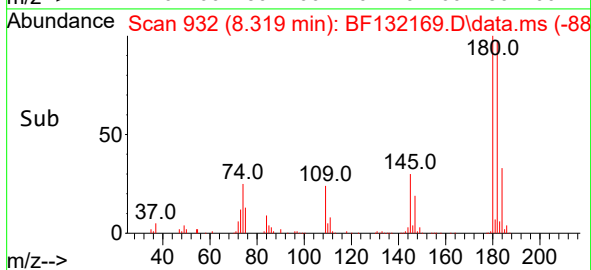
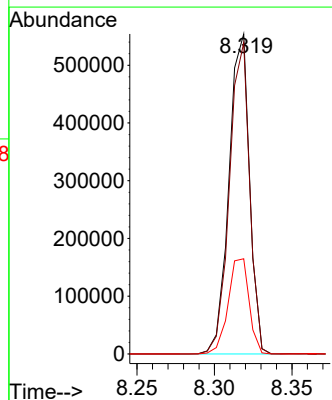
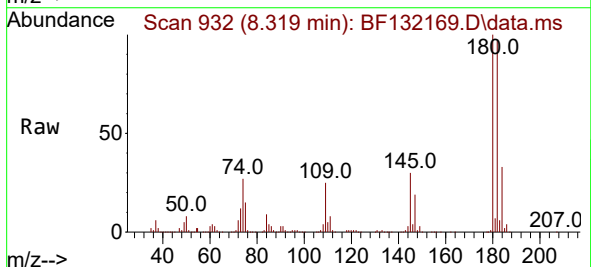
Manual Integrations
APPROVED

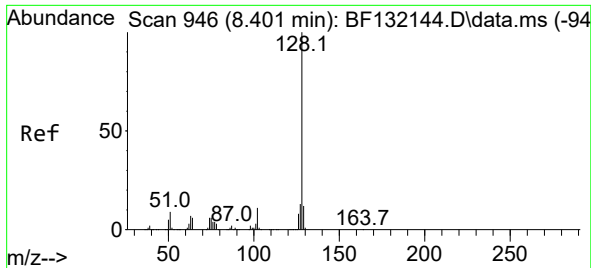
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#30
1,2,4-Trichlorobenzene
Concen: 45.867 ng
RT: 8.319 min Scan# 932
Delta R.T. 0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

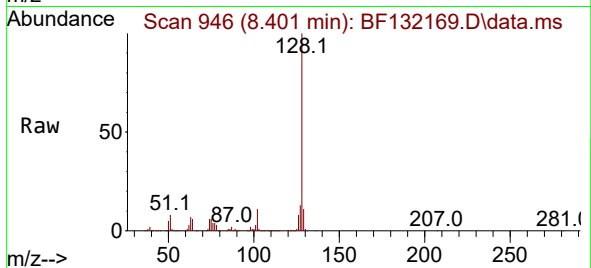
Tgt Ion:180 Resp: 510929
Ion Ratio Lower Upper
180 100
182 97.3 77.4 116.0
145 29.8 23.8 35.6





#31
Naphthalene
Concen: 44.490 ng
RT: 8.401 min Scan# 946
Delta R.T. 0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

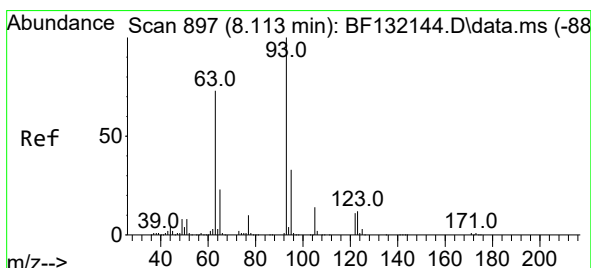
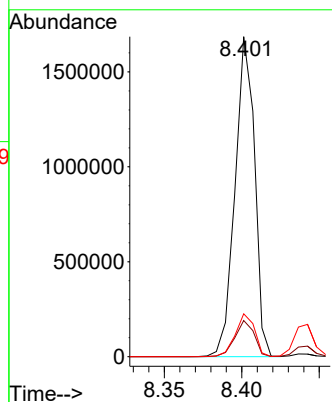
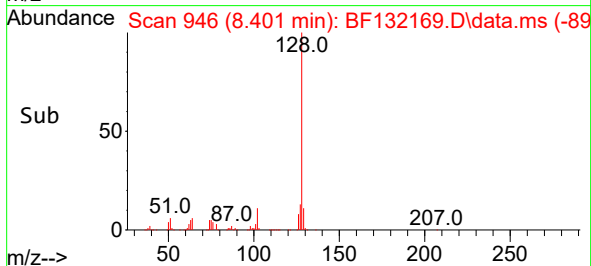
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MSD



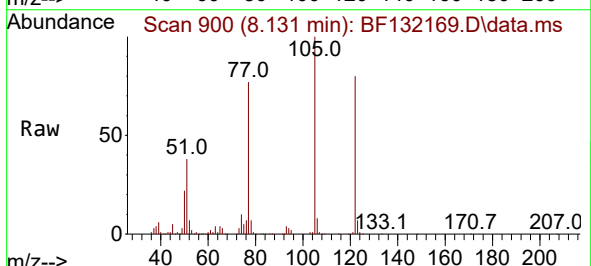
Tgt Ion:128 Resp: 148099
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.4 10.6 15.8

Manual Integrations
APPROVED

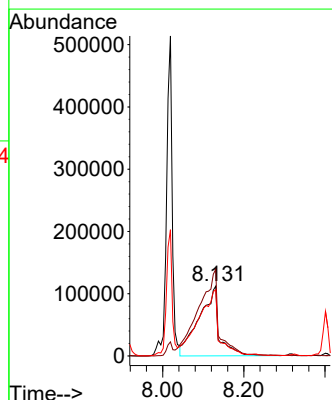
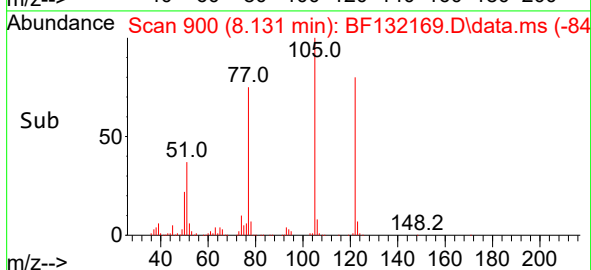
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

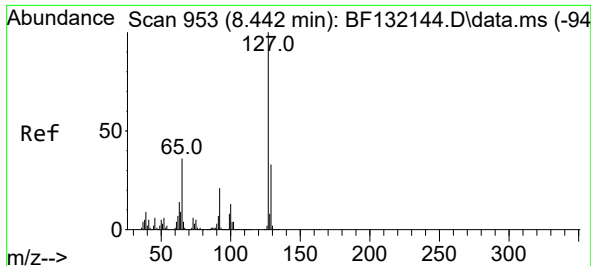


#32
Benzoic acid
Concen: 54.430 ng
RT: 8.131 min Scan# 900
Delta R.T. 0.018 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30



Tgt Ion:122 Resp: 384105
Ion Ratio Lower Upper
122 100
105 124.2 96.8 136.8
77 95.1 72.5 112.5





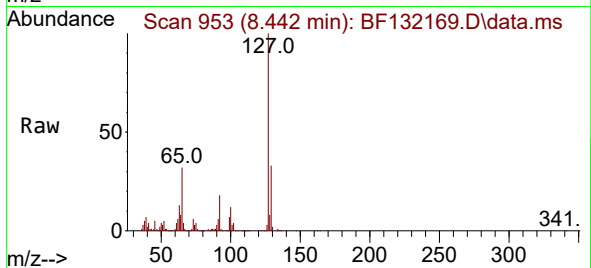
#33
4-Chloroaniline
Concen: 10.997 ng
RT: 8.442 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

Instrument :

BNA_F

ClientSampleId :

B-04-SB02MSD

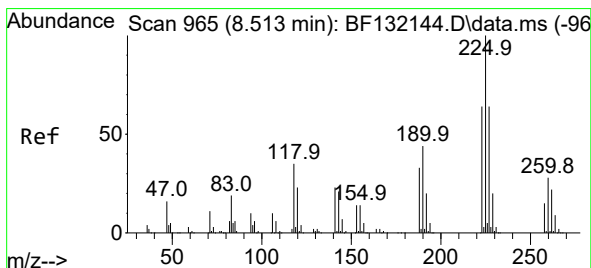
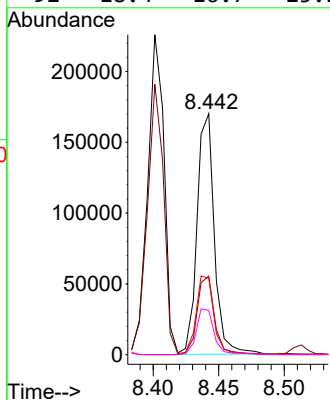
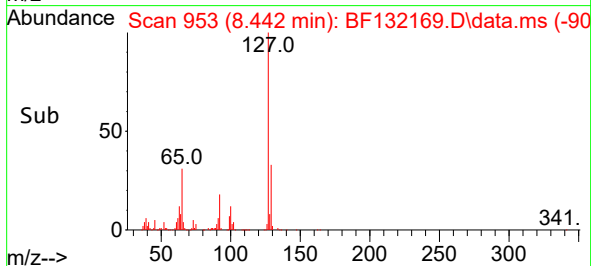


Tgt Ion:127 Resp: 15665
Ion Ratio Lower Upper
127 100
129 32.6 26.0 39.0
65 31.7 28.4 42.6
92 18.4 16.7 25.1

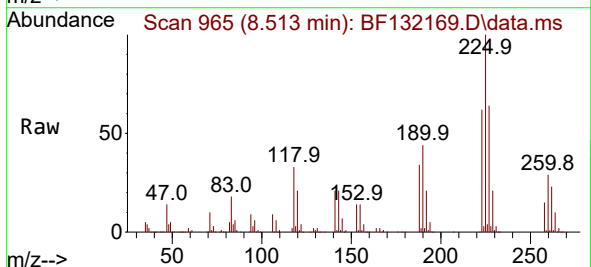
Manual Integrations

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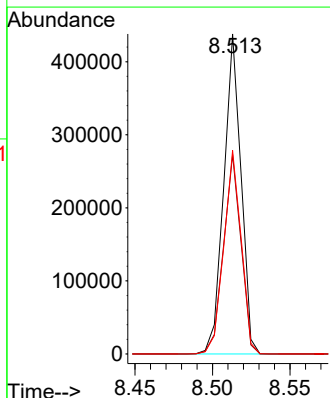
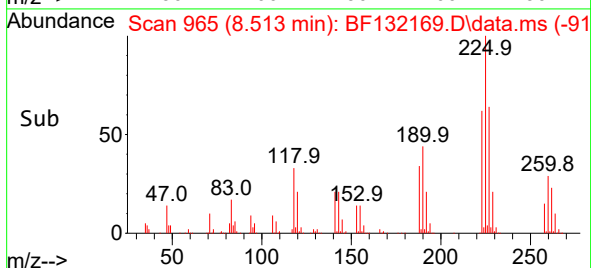
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

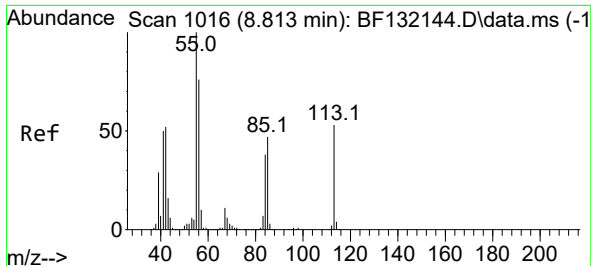


#34
Hexachlorobutadiene
Concen: 45.249 ng
RT: 8.513 min Scan# 965
Delta R.T. 0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30



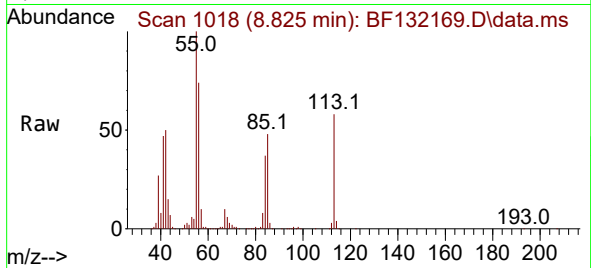
Tgt Ion:225 Resp: 338600
Ion Ratio Lower Upper
225 100
223 62.3 50.9 76.3
227 63.6 50.8 76.2





#35
Caprolactam
Concen: 56.338 ng m
RT: 8.825 min Scan# 1016
Delta R.T. 0.012 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

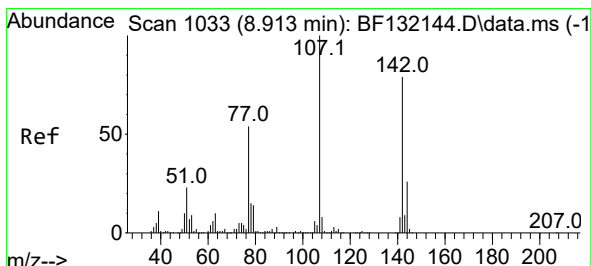
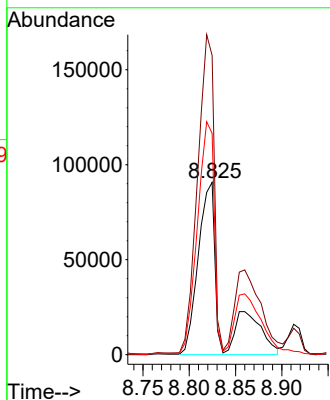
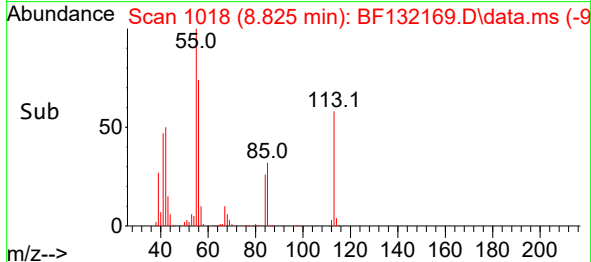
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MSD



Tgt Ion:113 Resp: 15668
Ion Ratio Lower Upper
113 100
55 173.7 167.5 207.5
56 128.5 122.0 162.0

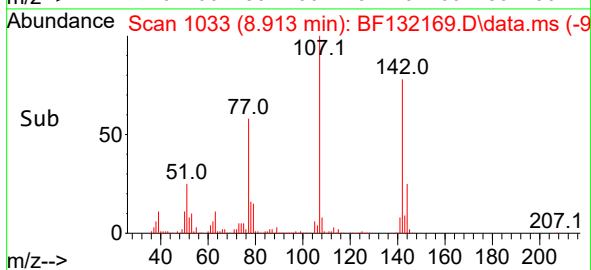
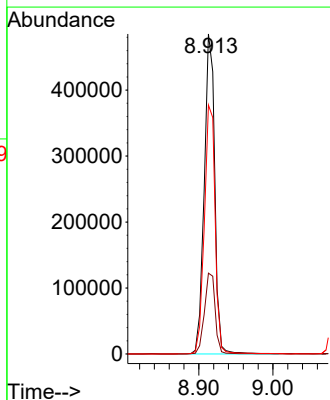
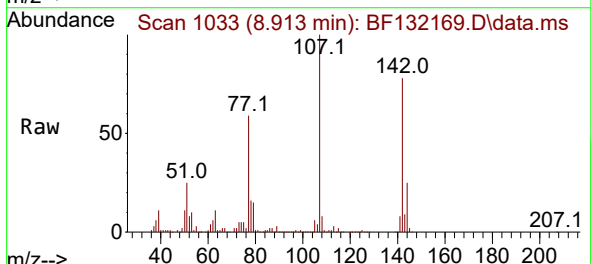
Manual Integrations
APPROVED

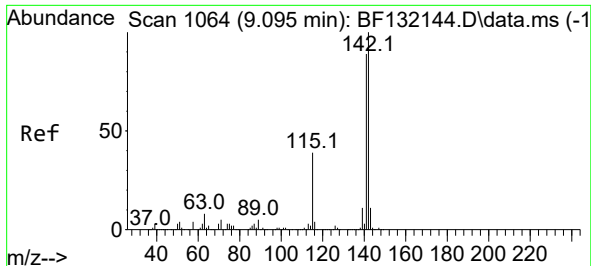
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#36
4-Chloro-3-methylphenol
Concen: 48.463 ng
RT: 8.913 min Scan# 1033
Delta R.T. 0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

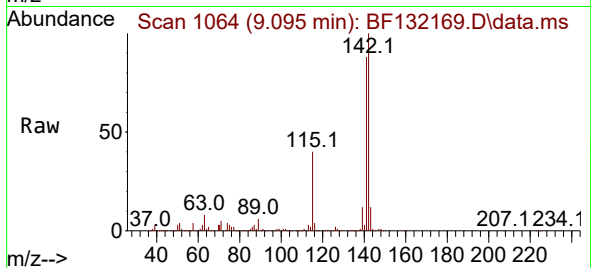
Tgt Ion:107 Resp: 478297
Ion Ratio Lower Upper
107 100
144 25.3 21.0 31.4
142 77.8 63.6 95.4





#37
2-Methylnaphthalene
Concen: 42.428 ng
RT: 9.095 min Scan# 1064
Delta R.T. 0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

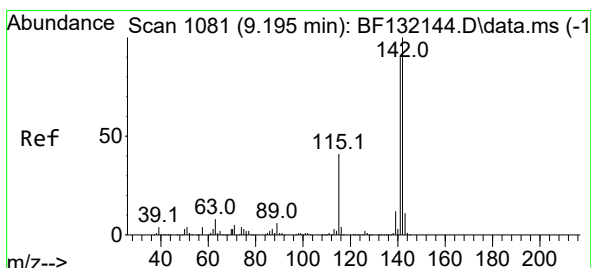
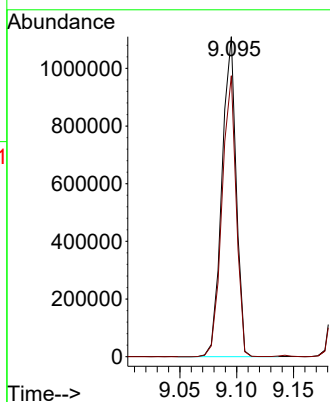
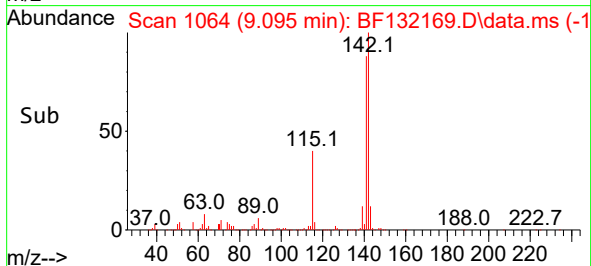
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MSD



Tgt Ion:142 Resp: 97240
Ion Ratio Lower Upper
142 100
141 87.8 71.1 106.7

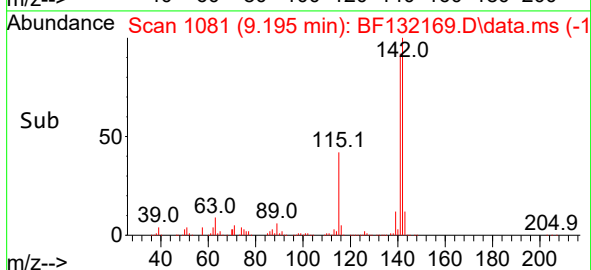
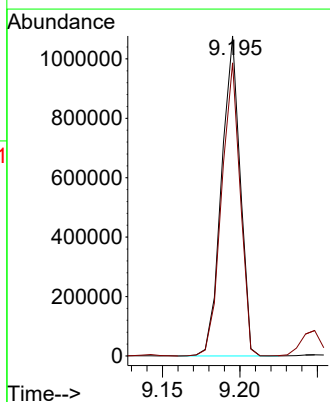
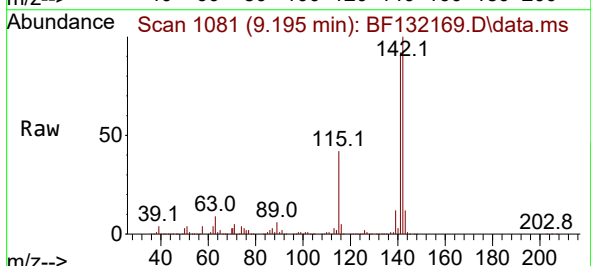
Manual Integrations
APPROVED

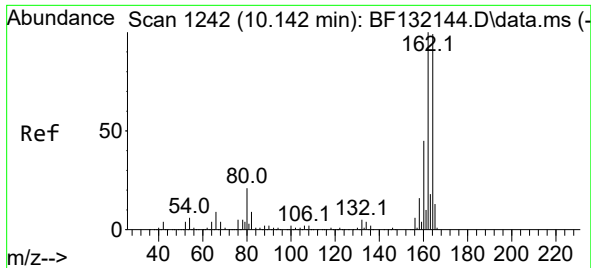
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#38
1-Methylnaphthalene
Concen: 42.262 ng
RT: 9.195 min Scan# 1081
Delta R.T. 0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

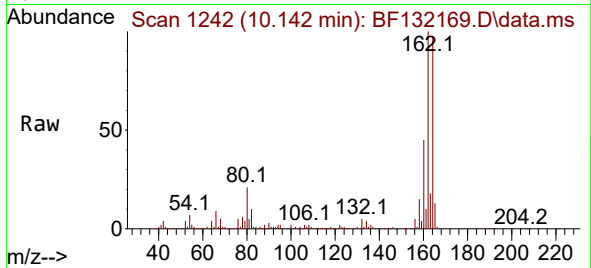
Tgt Ion:142 Resp: 901244
Ion Ratio Lower Upper
142 100
141 91.6 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.142 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

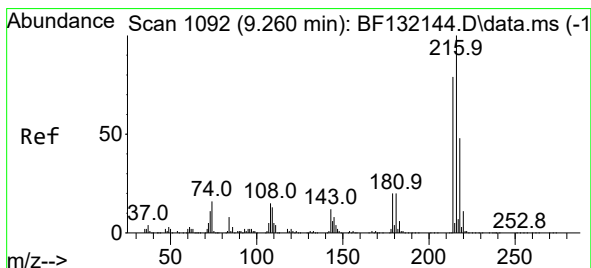
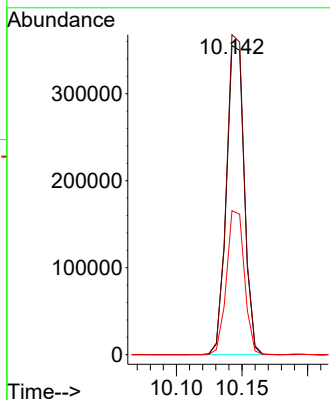
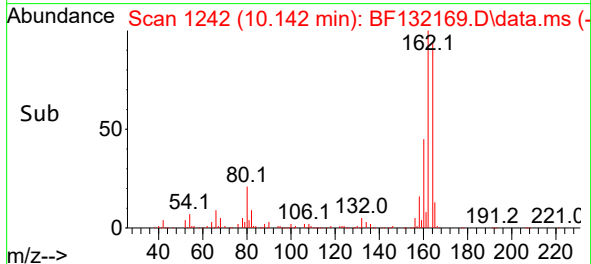
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MSD



Tgt Ion:164 Resp: 336409
Ion Ratio Lower Upper
164 100
162 103.5 81.2 121.8
160 46.6 36.9 55.3

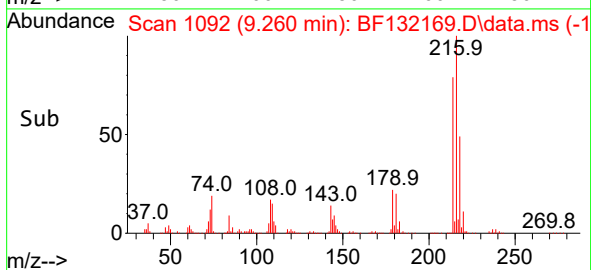
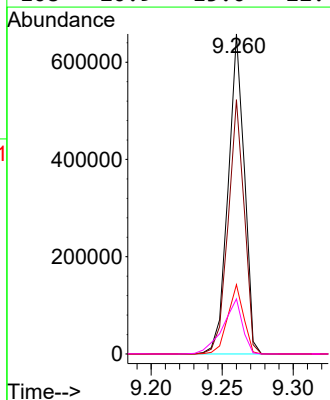
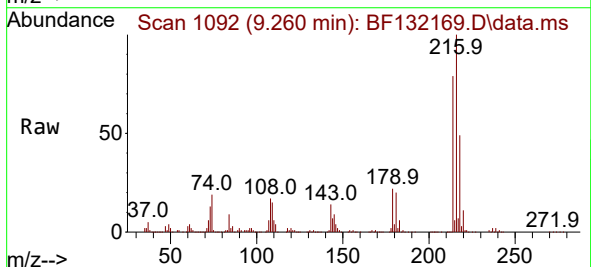
Manual Integrations
APPROVED

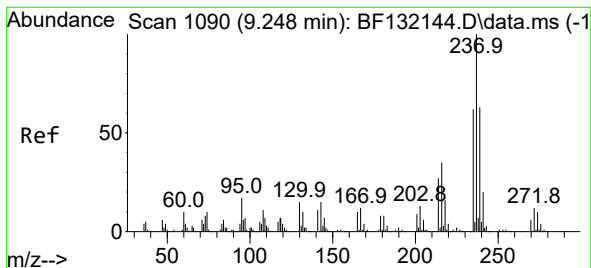
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.514 ng
RT: 9.260 min Scan# 1092
Delta R.T. 0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

Tgt Ion:216 Resp: 521023
Ion Ratio Lower Upper
216 100
214 78.7 63.1 94.7
179 21.3 16.6 24.8
108 20.9 15.0 22.4





#41

Hexachlorocyclopentadiene

Concen: 103.468 ng

RT: 9.248 min Scan# 1090

Delta R.T. 0.000 min

Lab File: BF132169.D

Acq: 20 Jan 2023 19:30

Instrument :

BNA_F

ClientSampleId :

B-04-SB02MSD

Tgt Ion:237 Resp: 660874

Ion Ratio Lower Upper

237 100

235 63.2 41.7 81.7

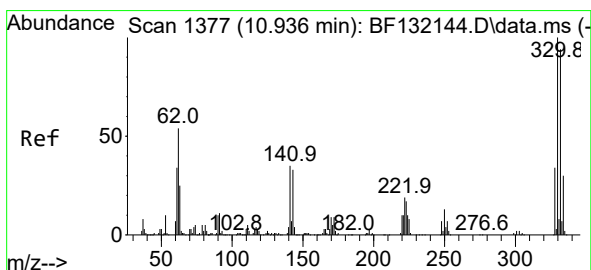
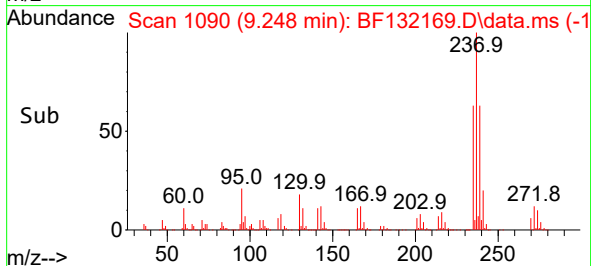
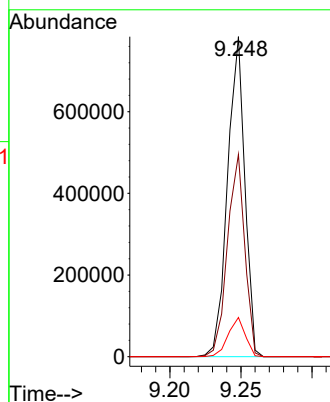
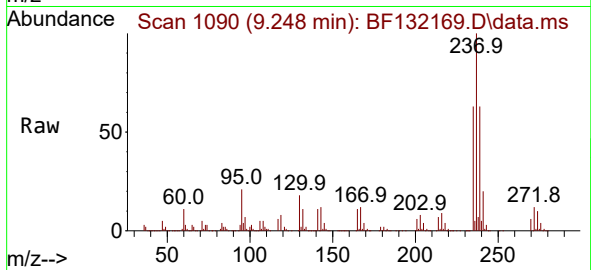
272 12.2 0.0 32.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#42

2,4,6-Tribromophenol

Concen: 97.649 ng

RT: 10.942 min Scan# 1378

Delta R.T. 0.006 min

Lab File: BF132169.D

Acq: 20 Jan 2023 19:30

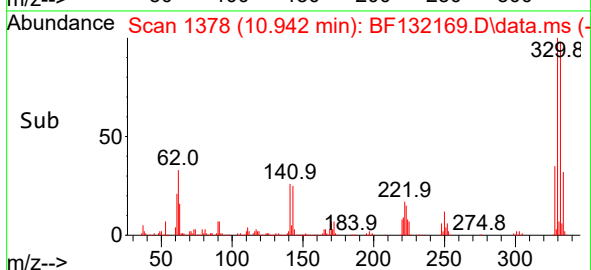
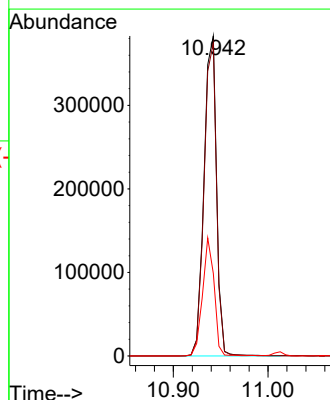
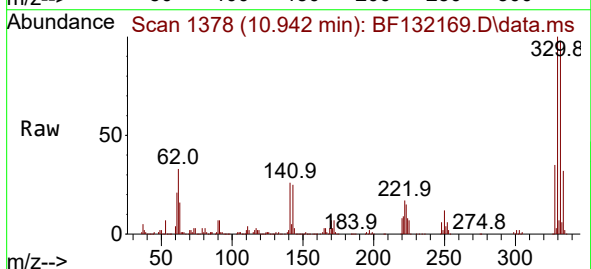
Tgt Ion:330 Resp: 350889

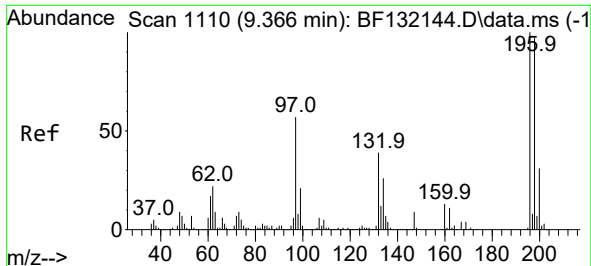
Ion Ratio Lower Upper

330 100

332 97.3 75.6 113.4

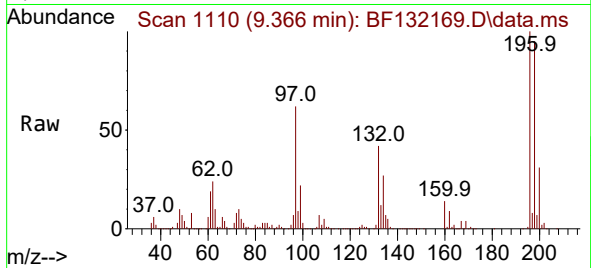
141 34.3 27.1 40.7





#43
2,4,6-Trichlorophenol
Concen: 49.542 ng
RT: 9.366 min Scan# 1110
Delta R.T. 0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

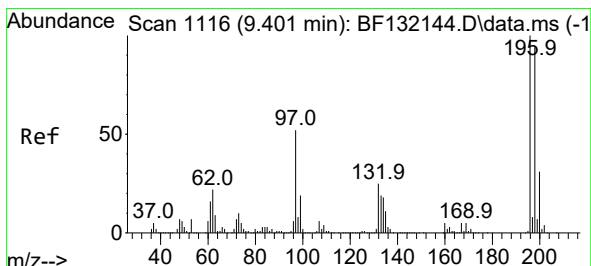
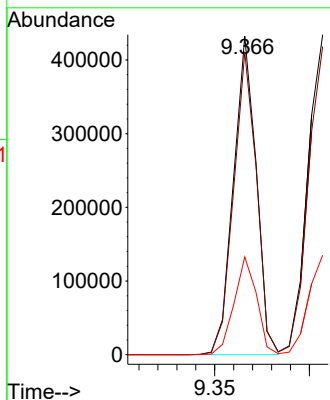
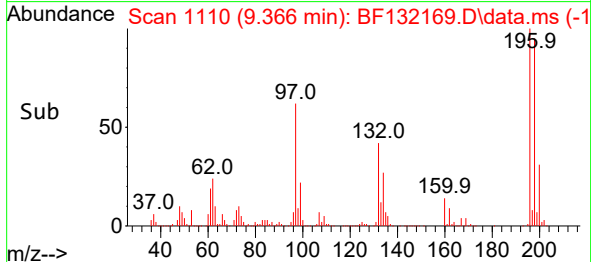
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MSD



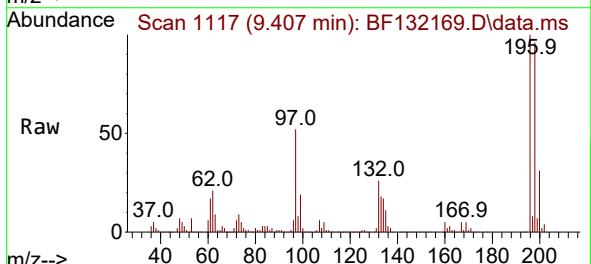
Tgt Ion:196 Resp: 359880
Ion Ratio Lower Upper
196 100
198 95.1 77.4 116.2
200 30.7 24.9 37.3

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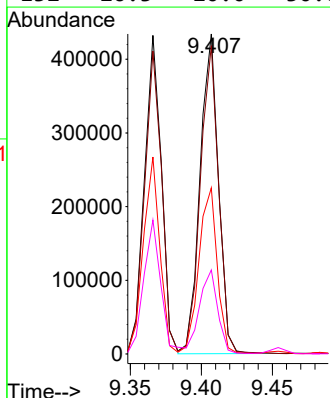
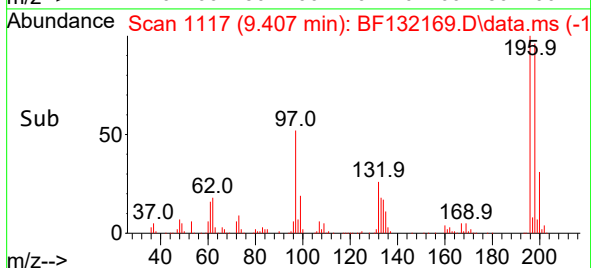
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

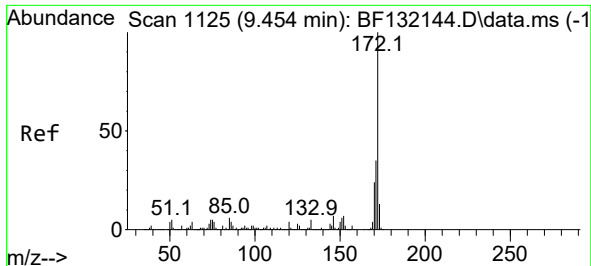


#44
2,4,5-Trichlorophenol
Concen: 46.034 ng
RT: 9.407 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30



Tgt Ion:196 Resp: 391089
Ion Ratio Lower Upper
196 100
198 96.4 75.3 112.9
97 51.9 41.3 61.9
132 26.3 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 54.638 ng

RT: 9.454 min Scan# 1125

Delta R.T. 0.000 min

Lab File: BF132169.D

Acq: 20 Jan 2023 19:30

Instrument :

BNA_F

ClientSampleId :

B-04-SB02MSD

Tgt Ion:172 Resp: 1257900

Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

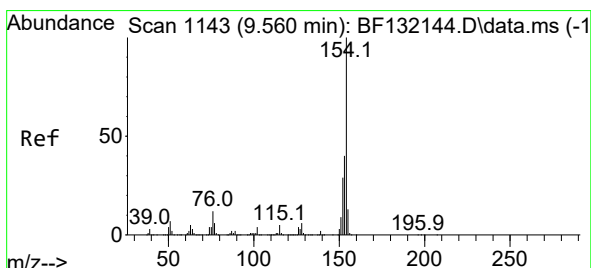
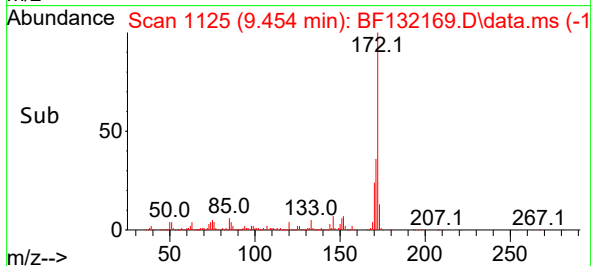
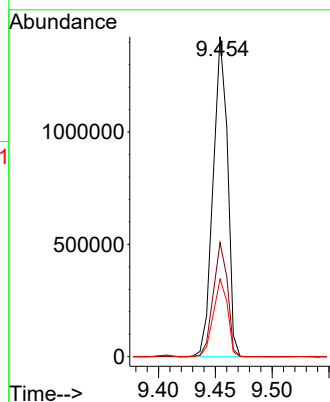
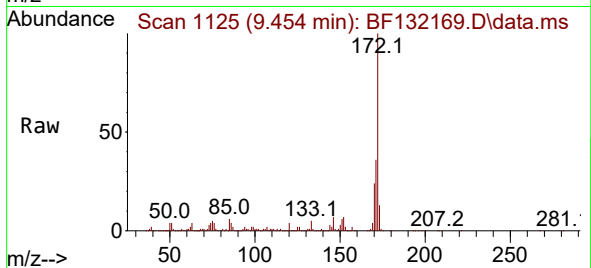
170 24.2 19.6 29.4

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Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#46

1,1'-Biphenyl

Concen: 44.942 ng

RT: 9.560 min Scan# 1143

Delta R.T. -0.000 min

Lab File: BF132169.D

Acq: 20 Jan 2023 19:30

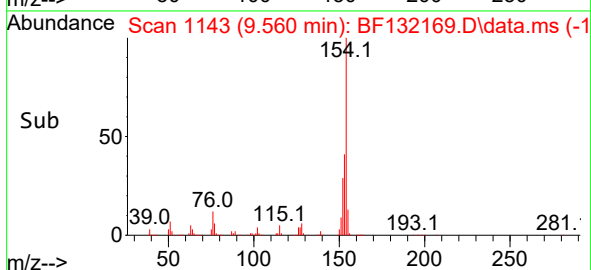
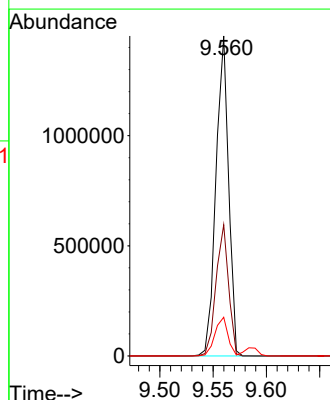
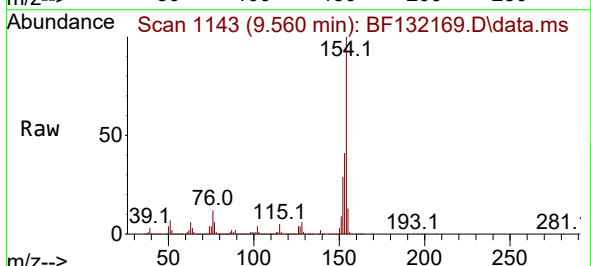
Tgt Ion:154 Resp: 1192784

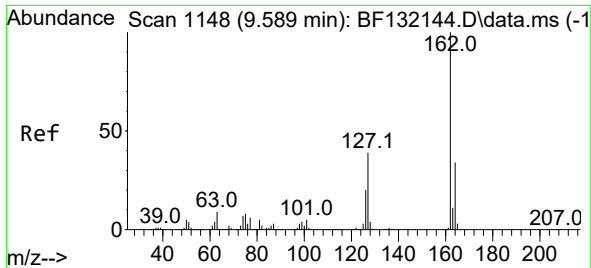
Ion Ratio Lower Upper

154 100

153 41.0 20.2 60.2

76 12.1 0.0 32.2





#47
2-Chloronaphthalene
Concen: 46.092 ng
RT: 9.589 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

Instrument :

BNA_F

ClientSampleId :

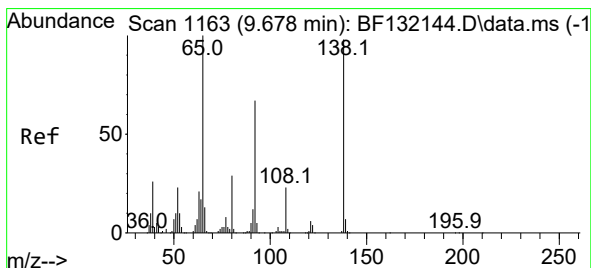
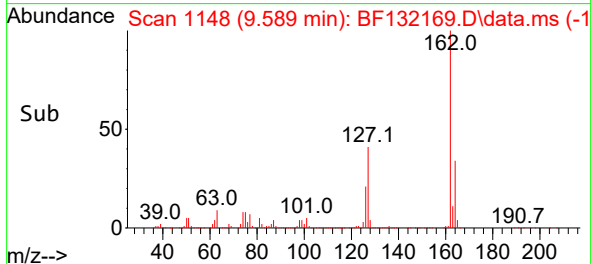
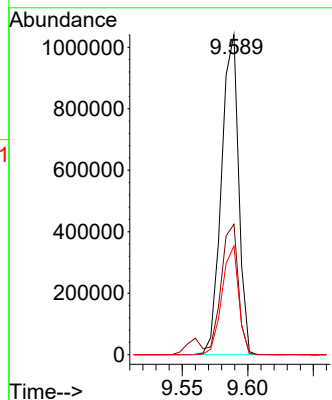
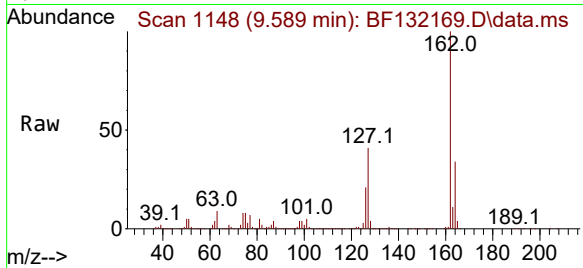
B-04-SB02MSD

Tgt Ion:162 Resp: 945639
Ion Ratio Lower Upper
162 100
127 40.8 31.1 46.7
164 34.0 26.9 40.3

Manual Integrations

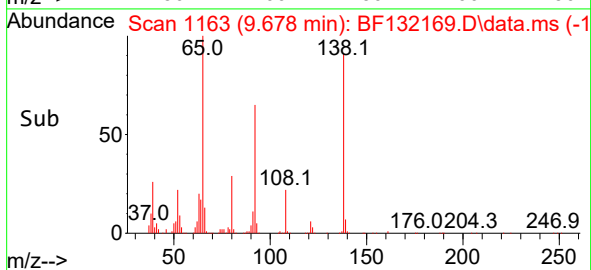
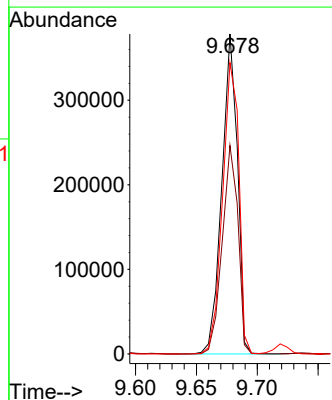
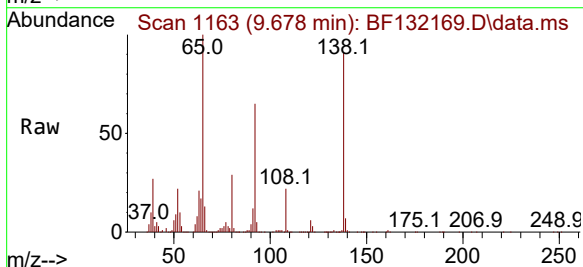
APPROVED

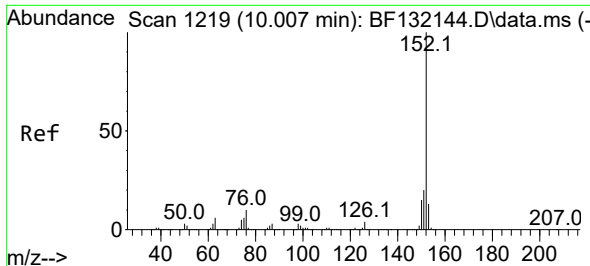
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#48
2-Nitroaniline
Concen: 51.147 ng
RT: 9.678 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

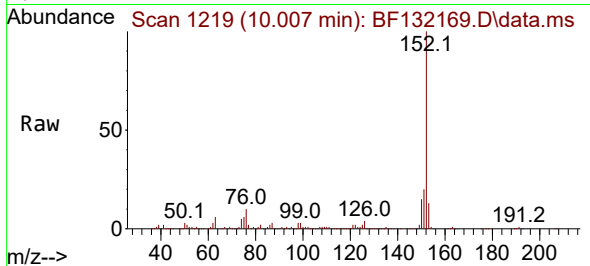
Tgt Ion: 65 Resp: 336726
Ion Ratio Lower Upper
65 100
92 65.2 53.8 80.6
138 91.0 78.7 118.1





#49
Acenaphthylene
Concen: 43.629 ng
RT: 10.007 min Scan# 1193
Delta R.T. 0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

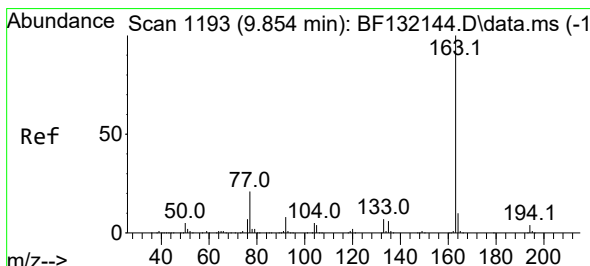
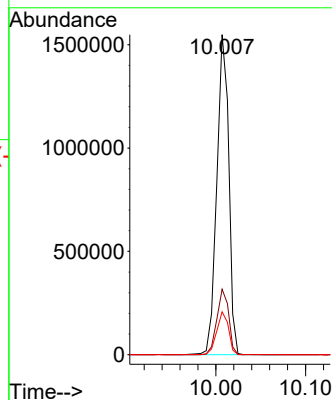
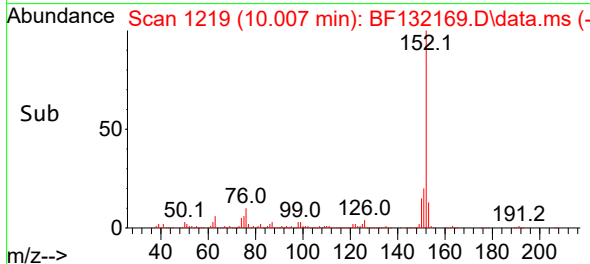
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MSD



Tgt Ion:152 Resp: 143196
Ion Ratio Lower Upper
152 100
151 20.5 16.4 24.6
153 13.4 10.6 15.8

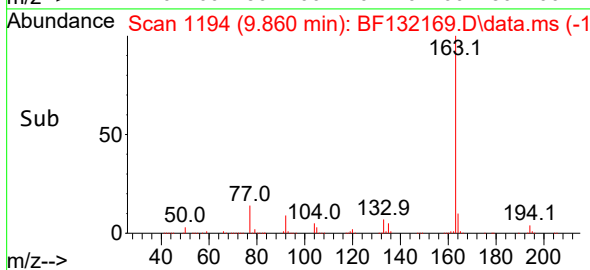
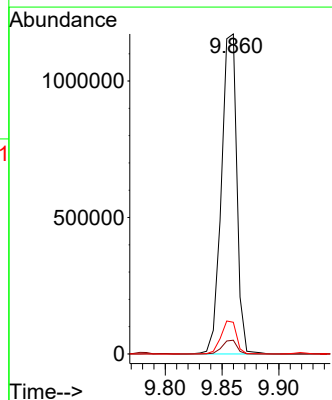
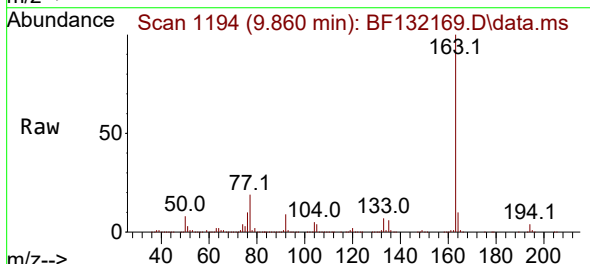
Manual Integrations
APPROVED

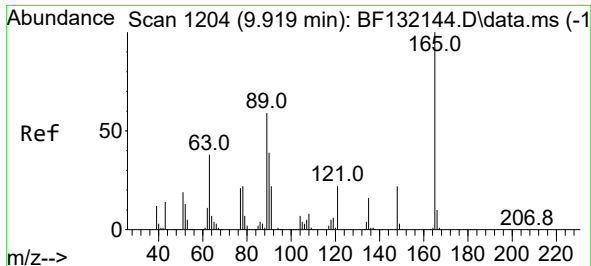
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#50
Dimethylphthalate
Concen: 45.612 ng
RT: 9.860 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

Tgt Ion:163 Resp: 1111331
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 9.9 8.2 12.2





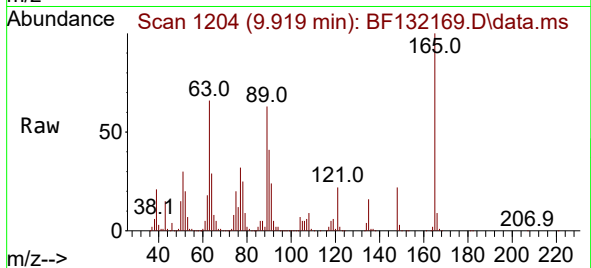
#51
2,6-Dinitrotoluene
Concen: 55.708 ng
RT: 9.919 min Scan# 1204
Delta R.T. -0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

Instrument :

BNA_F

ClientSampleId :

B-04-SB02MSD

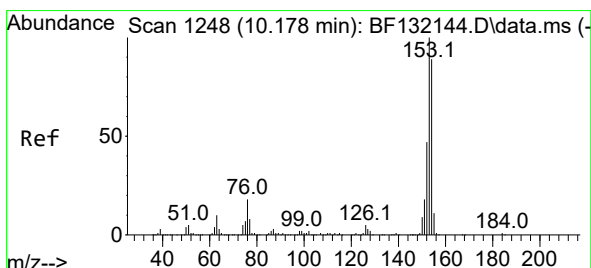
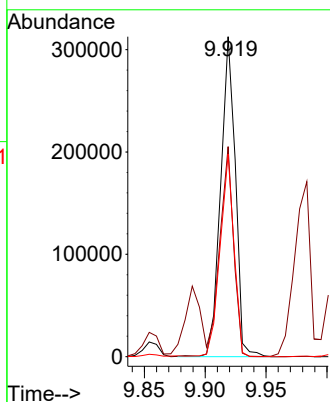
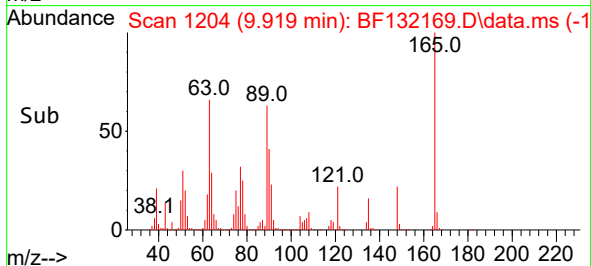


Tgt Ion:165 Resp: 263079
Ion Ratio Lower Upper
165 100
63 65.7 46.6 70.0
89 63.3 47.4 71.2

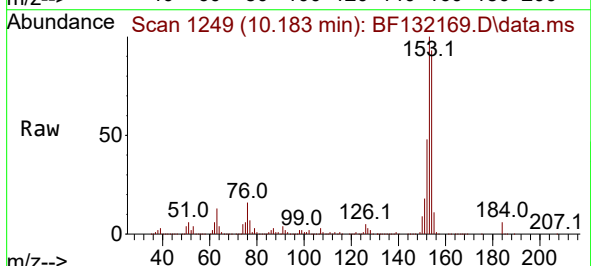
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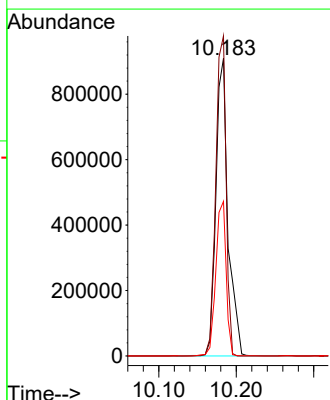
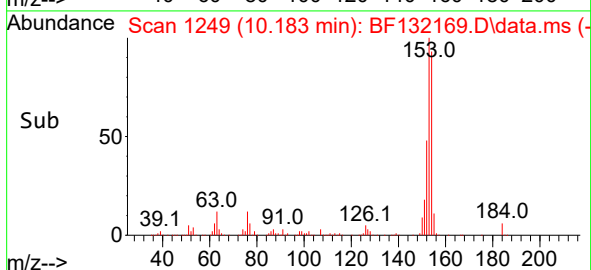
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

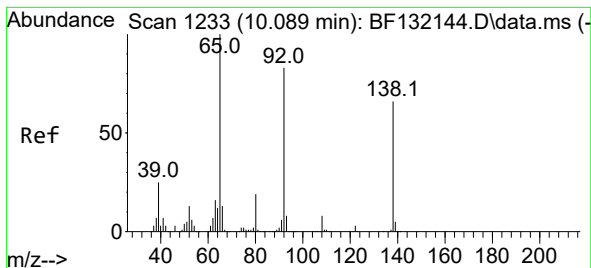


#52
Acenaphthene
Concen: 50.073 ng
RT: 10.183 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30



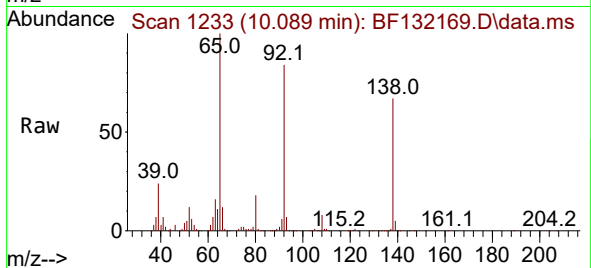
Tgt Ion:154 Resp: 988526
Ion Ratio Lower Upper
154 100
153 107.5 89.8 134.8
152 52.0 42.3 63.5





#53
3-Nitroaniline
Concen: 31.023 ng
RT: 10.089 min Scan# 1233
Delta R.T. 0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

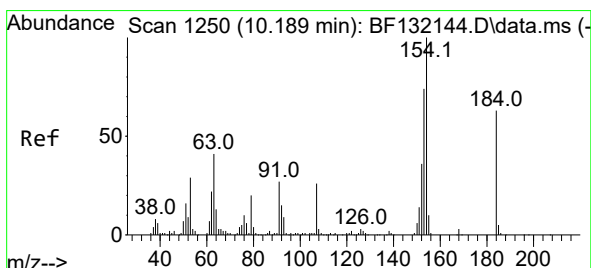
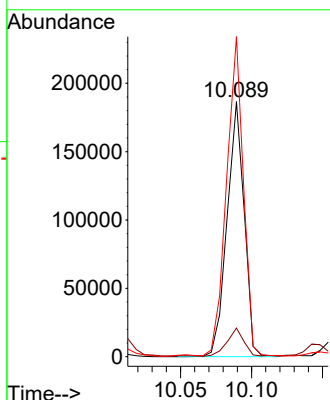
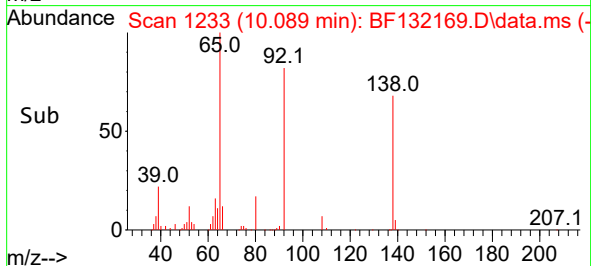
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MSD



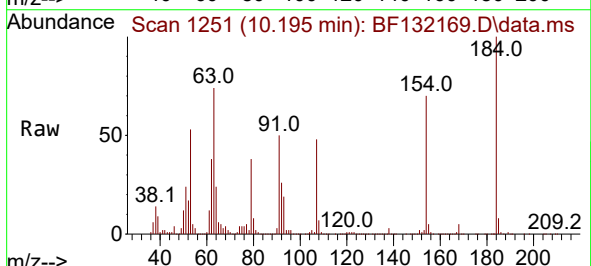
Tgt Ion:138 Resp: 15664
Ion Ratio Lower Upper
138 100
108 11.3 9.1 13.7
92 125.5 101.2 151.8

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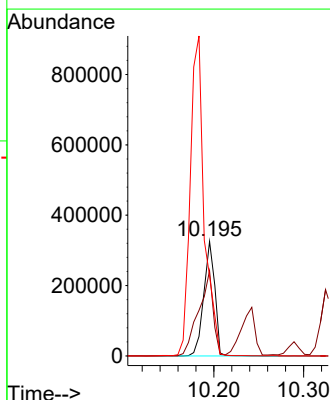
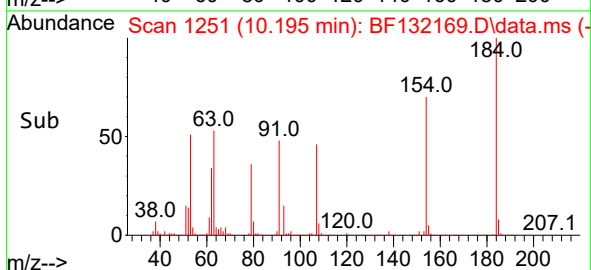
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

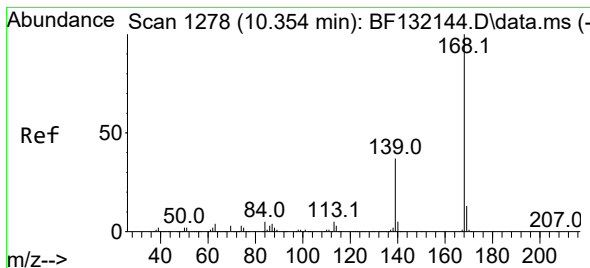


#54
2,4-Dinitrophenol
Concen: 124.126 ng
RT: 10.195 min Scan# 1251
Delta R.T. 0.006 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30



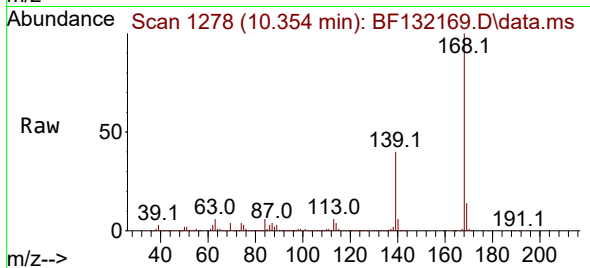
Tgt Ion:184 Resp: 280643
Ion Ratio Lower Upper
184 100
63 74.4 53.2 79.8
154 69.9 129.4 194.0#





#55
Dibenzenofuran
Concen: 43.878 ng
RT: 10.354 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

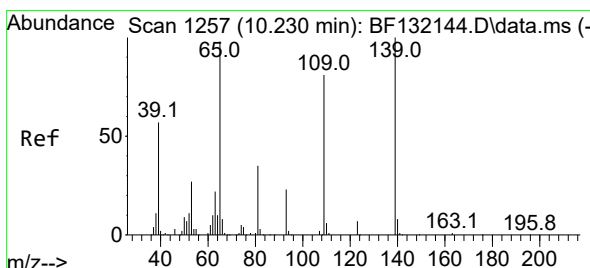
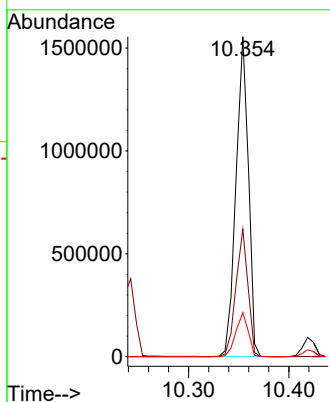
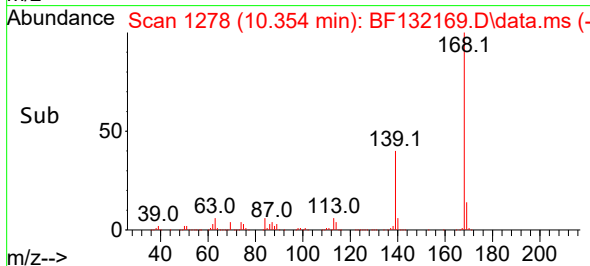
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MSD



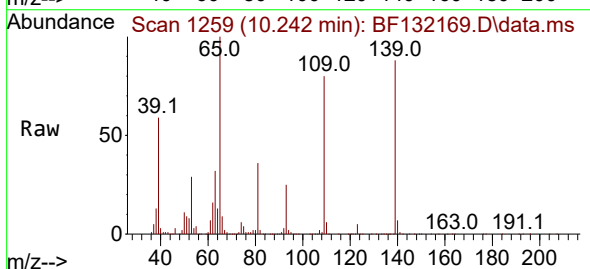
Tgt Ion:168 Resp: 1338669
Ion Ratio Lower Upper
168 100
139 39.9 29.8 44.8
169 13.7 10.3 15.5

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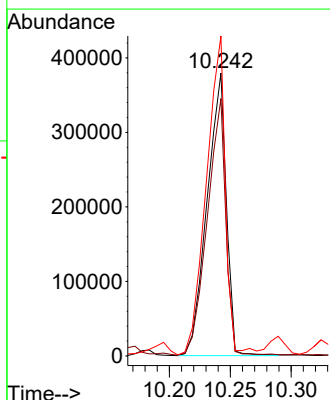
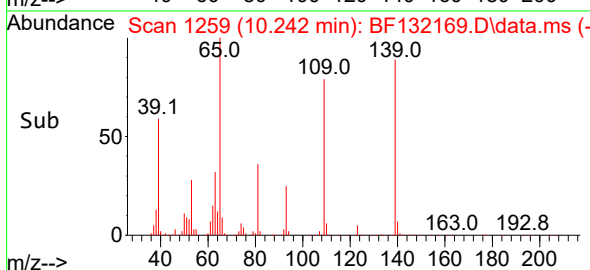
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

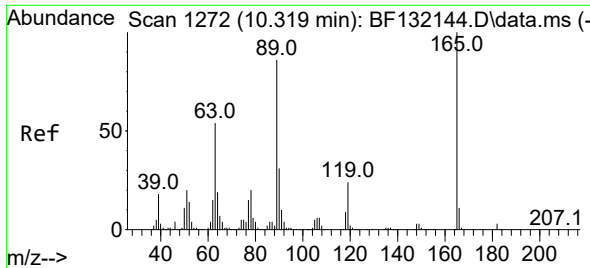


#56
4-Nitrophenol
Concen: 113.828 ng
RT: 10.242 min Scan# 1259
Delta R.T. 0.012 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30



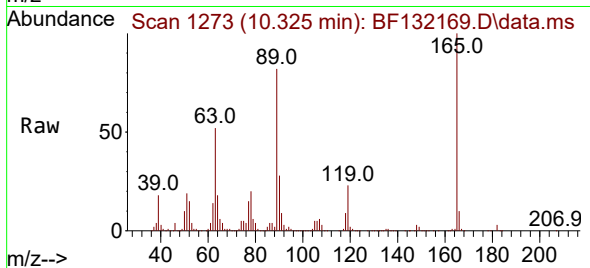
Tgt Ion:139 Resp: 418279
Ion Ratio Lower Upper
139 100
109 91.0 61.0 101.0
65 113.1 79.3 119.3





#57
2,4-Dinitrotoluene
Concen: 59.667 ng
RT: 10.325 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

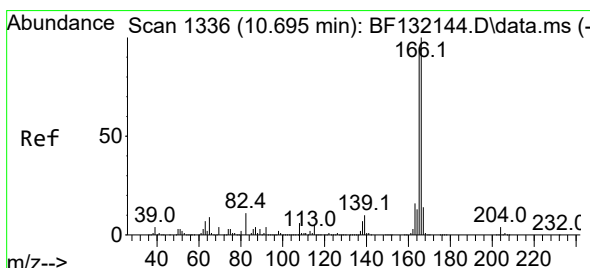
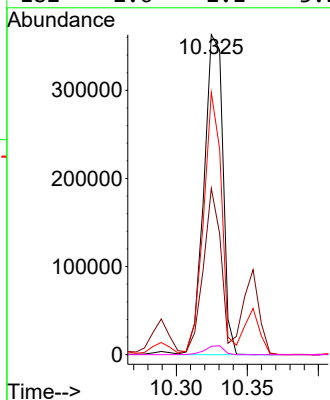
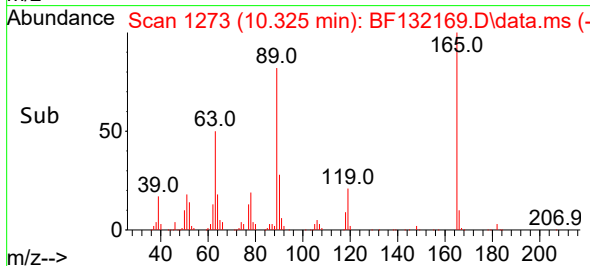
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MSD



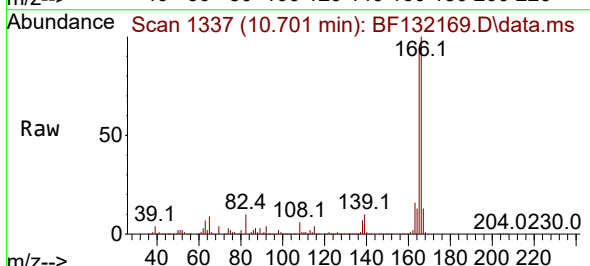
Tgt Ion:165 Resp: 33823
Ion Ratio Lower Upper
165 100
63 52.0 43.5 65.3
89 81.9 69.0 103.6
182 2.6 2.1 3.1

Manual Integrations
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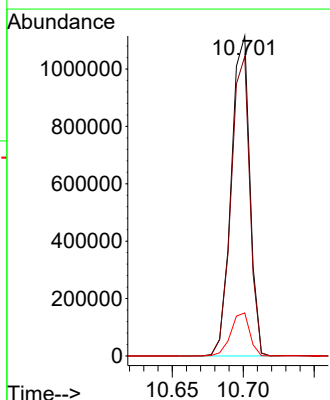
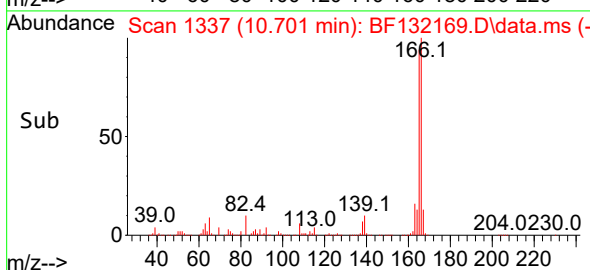
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

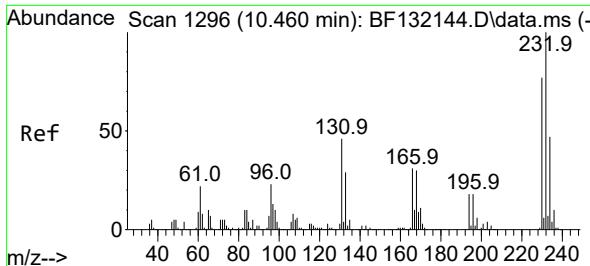


#58
Fluorene
Concen: 44.982 ng
RT: 10.701 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30



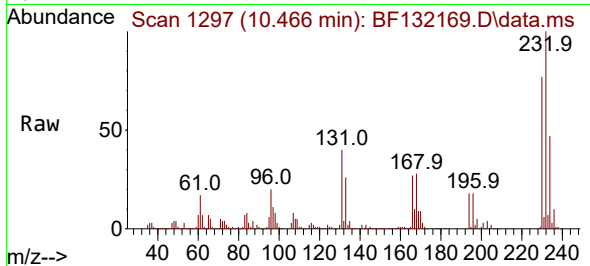
Tgt Ion:166 Resp: 1016870
Ion Ratio Lower Upper
166 100
165 93.6 76.4 114.6
167 13.4 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.715 ng
RT: 10.466 min Scan# 1296
Delta R.T. 0.006 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

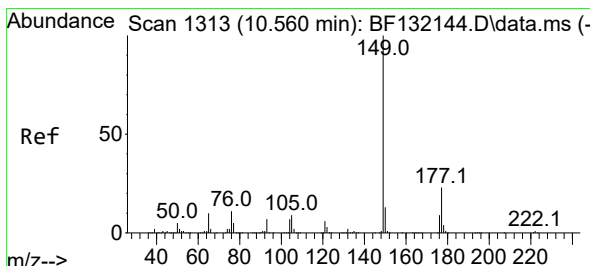
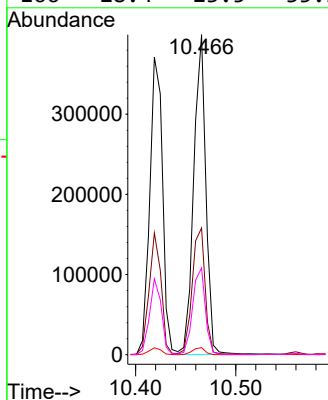
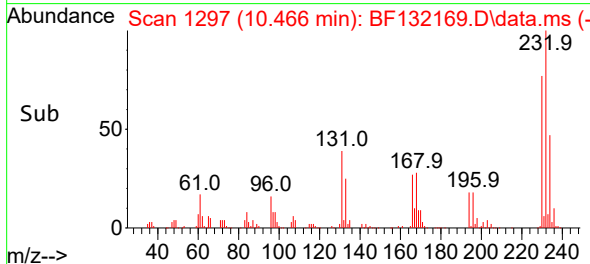
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MSD



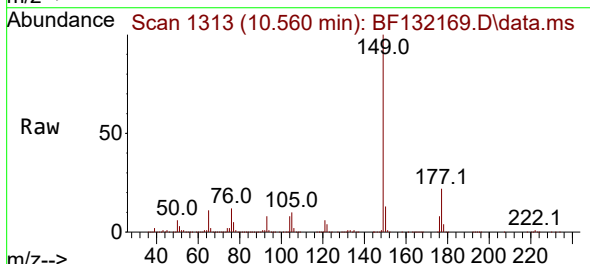
Tgt Ion:232 Resp: 33421
Ion Ratio Lower Upper
232 100
131 42.3 33.8 50.6
130 2.2 1.9 2.9
166 28.4 23.5 35.3

Manual Integrations
APPROVED

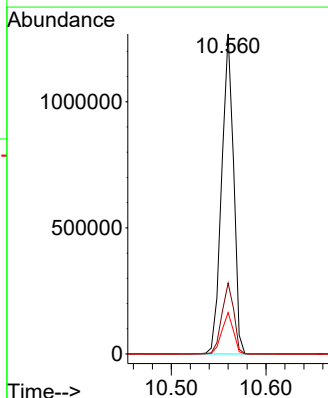
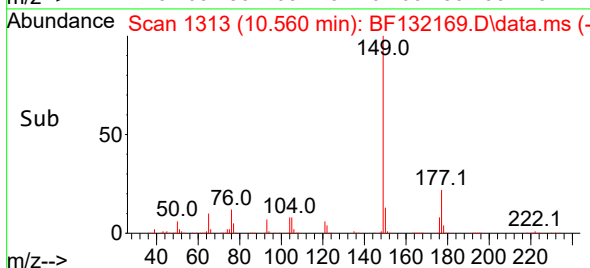
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

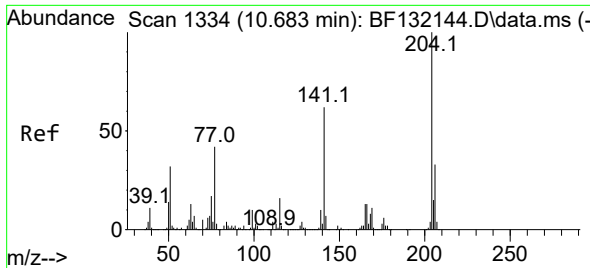


#60
Diethylphthalate
Concen: 46.459 ng
RT: 10.560 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30



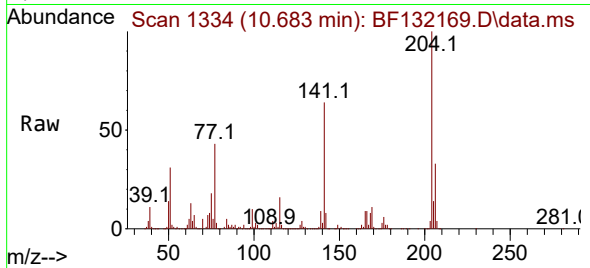
Tgt Ion:149 Resp: 1110054
Ion Ratio Lower Upper
149 100
177 22.1 18.4 27.6
150 12.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 44.339 ng
RT: 10.683 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

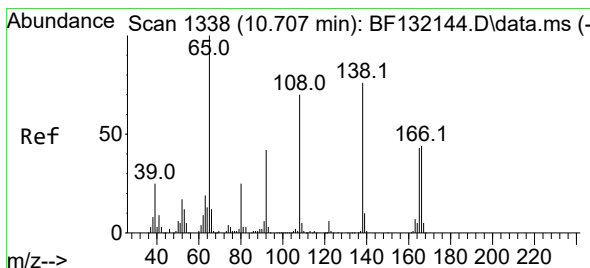
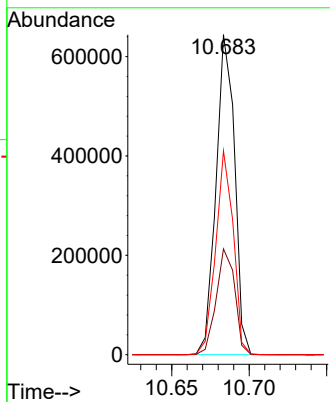
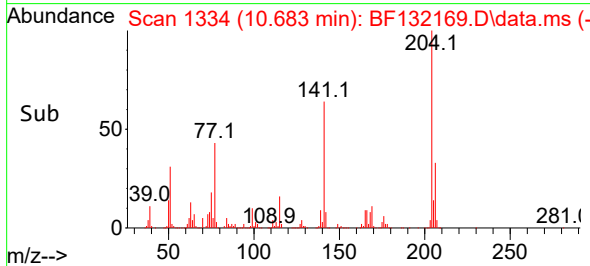
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MSD



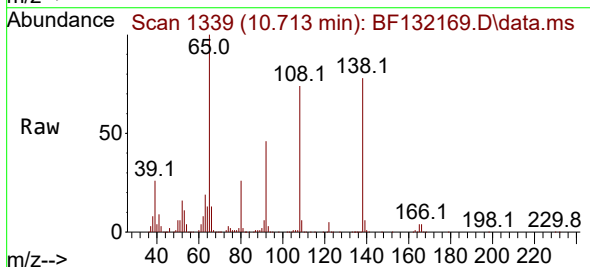
Tgt Ion:204 Resp: 536734
Ion Ratio Lower Upper
204 100
206 33.0 26.4 39.6
141 63.7 49.2 73.8

Manual Integrations
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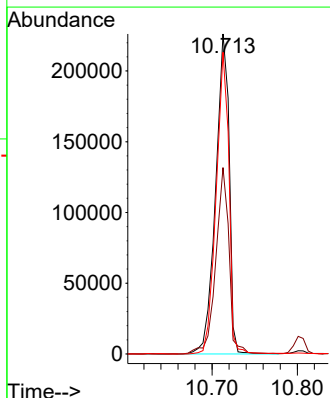
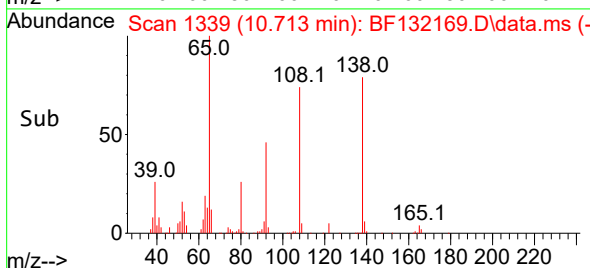
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

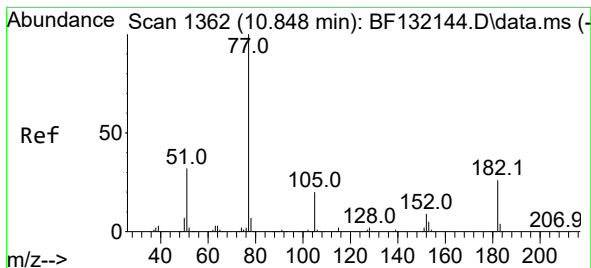


#62
4-Nitroaniline
Concen: 53.137 ng
RT: 10.713 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30



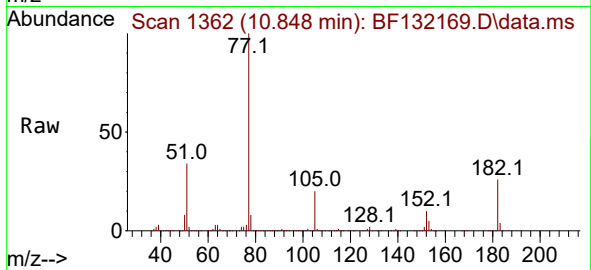
Tgt Ion:138 Resp: 249781
Ion Ratio Lower Upper
138 100
92 58.2 35.9 75.9
108 94.3 72.0 112.0





#63
Azobenzene
Concen: 48.999 ng
RT: 10.848 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

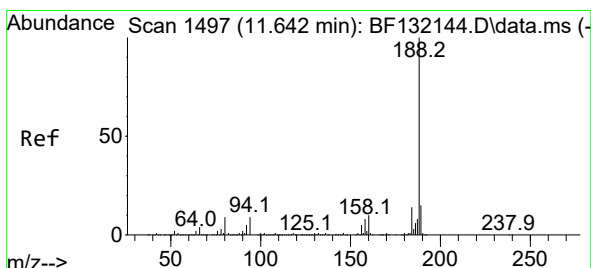
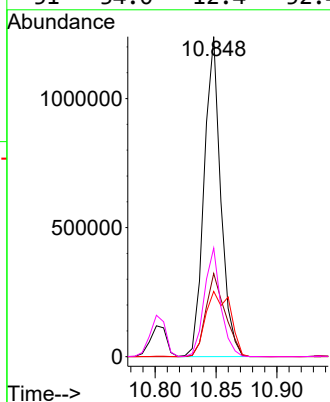
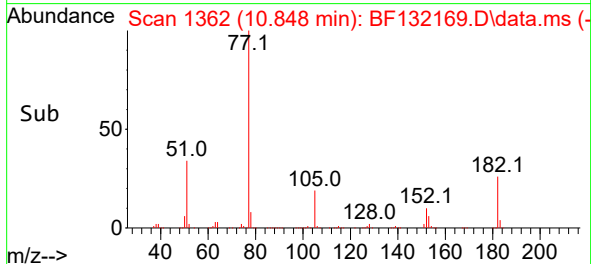
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MSD



Tgt Ion: 77 Resp: 1174970
Ion Ratio Lower Upper
77 100
182 26.0 6.4 46.4
105 20.4 0.0 39.8
51 34.0 12.4 52.4

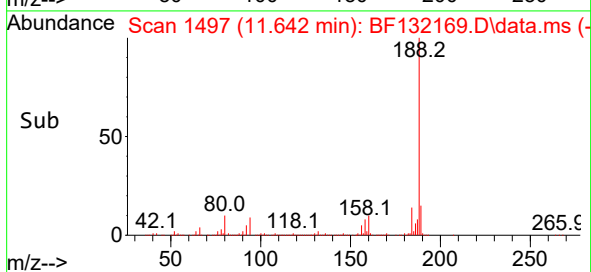
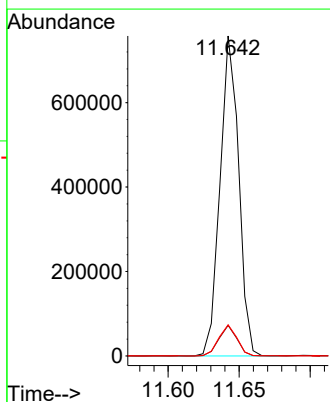
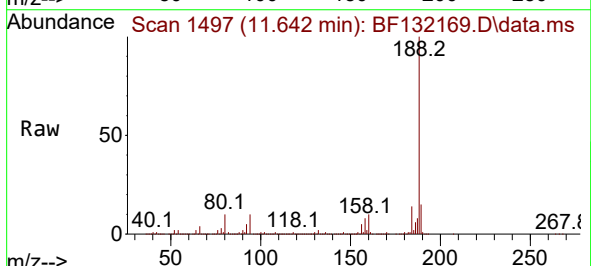
Manual Integrations
APPROVED

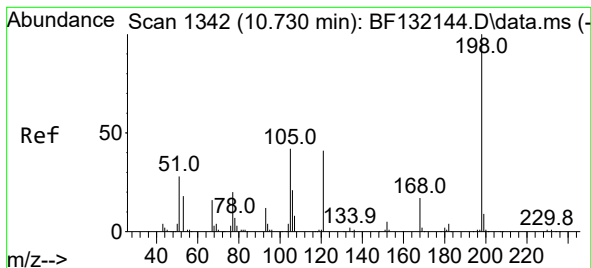
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.642 min Scan# 1497
Delta R.T. 0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

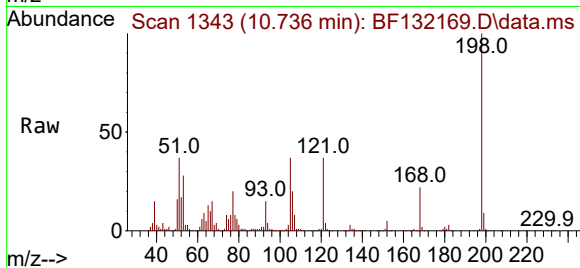
Tgt Ion:188 Resp: 691444
Ion Ratio Lower Upper
188 100
94 9.6 6.9 10.3
80 9.8 7.5 11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 52.637 ng
RT: 10.736 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

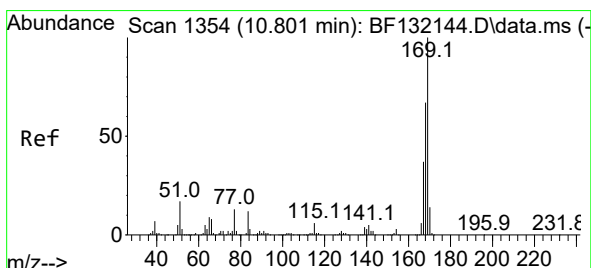
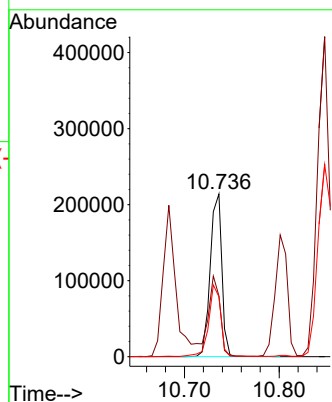
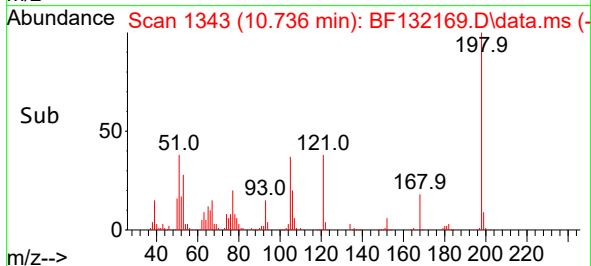
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MSD



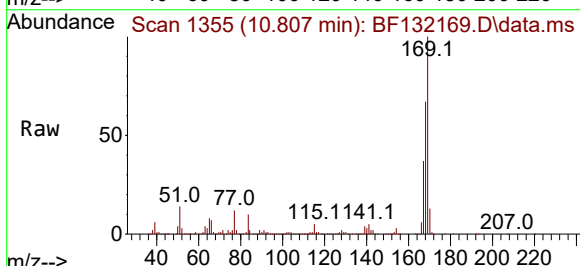
Tgt Ion:198 Resp: 181778
Ion Ratio Lower Upper
198 100
51 37.4 24.3 64.3
105 36.9 23.3 63.3

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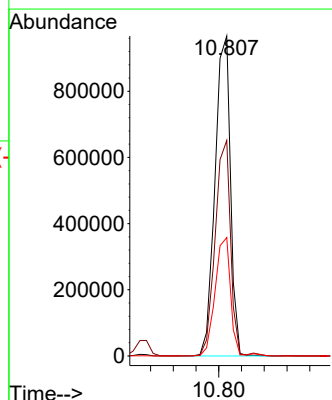
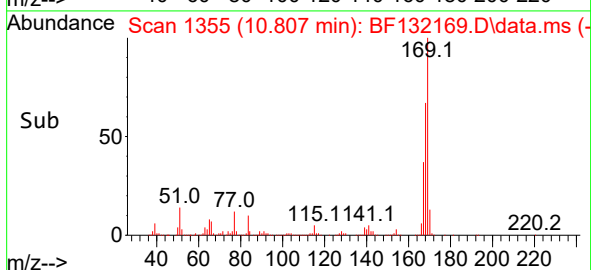
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

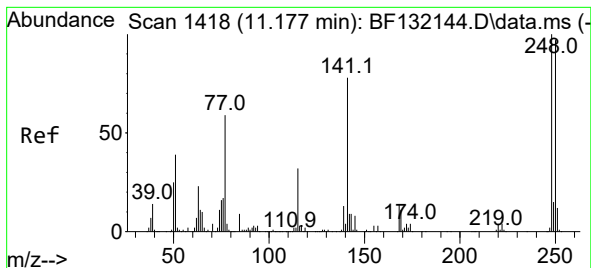


#66
n-Nitrosodiphenylamine
Concen: 41.249 ng
RT: 10.807 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30



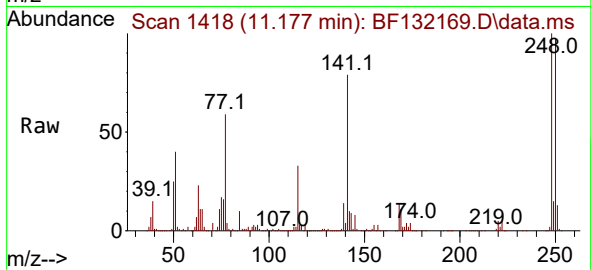
Tgt Ion:169 Resp: 913423
Ion Ratio Lower Upper
169 100
168 67.4 53.4 80.0
167 37.0 29.7 44.5





#67
4-Bromophenyl-phenylether
Concen: 42.407 ng
RT: 11.177 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

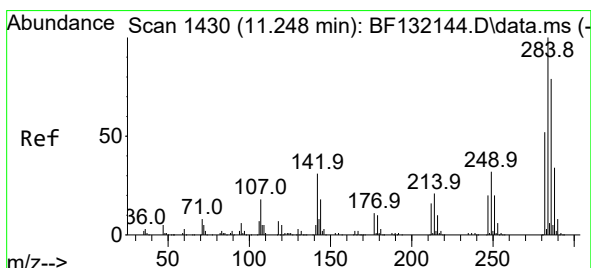
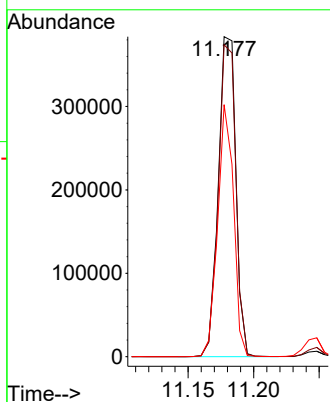
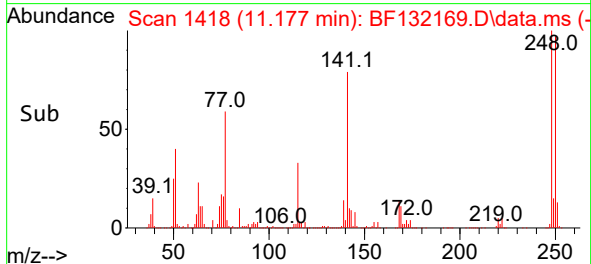
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MSD



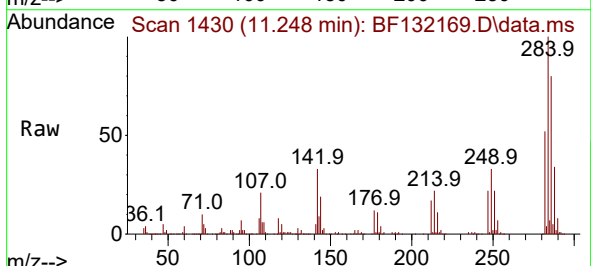
Tgt Ion:248 Resp: 357400
Ion Ratio Lower Upper
248 100
250 97.4 77.4 116.0
141 78.7 62.2 93.2

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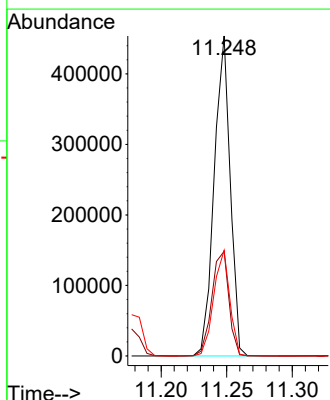
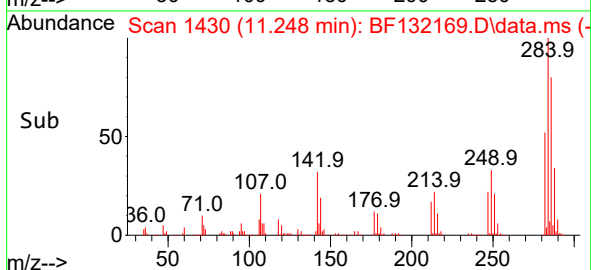
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

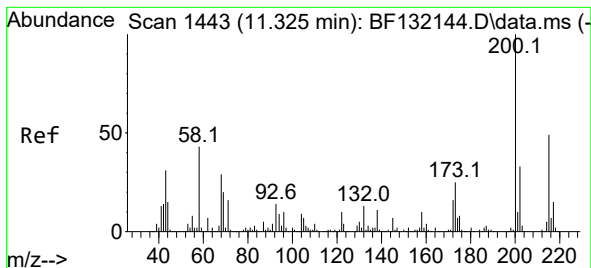


#68
Hexachlorobenzene
Concen: 45.900 ng
RT: 11.248 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30



Tgt Ion:284 Resp: 384470
Ion Ratio Lower Upper
284 100
142 32.7 24.7 37.1
249 33.0 25.6 38.4





#69

Atrazine

Concen: 49.169 ng

RT: 11.330 min Scan# 1444

Delta R.T. 0.006 min

Lab File: BF132169.D

Acq: 20 Jan 2023 19:30

Instrument :

BNA_F

ClientSampleId :

B-04-SB02MSD

Tgt Ion:200 Resp: 33593

Ion Ratio Lower Upper

200 100

173 24.2 5.0 45.0

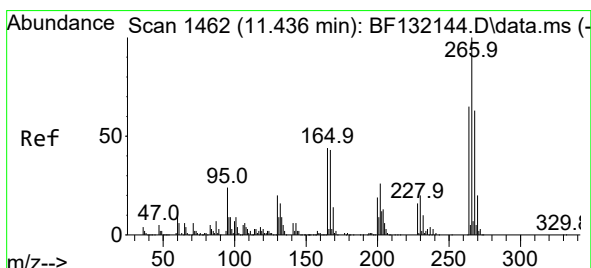
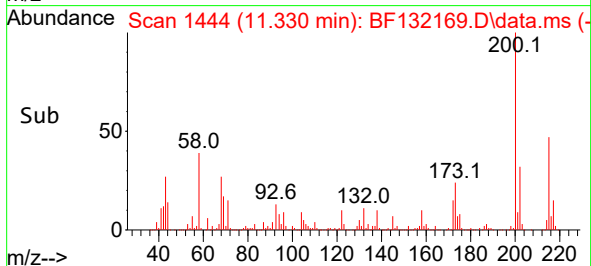
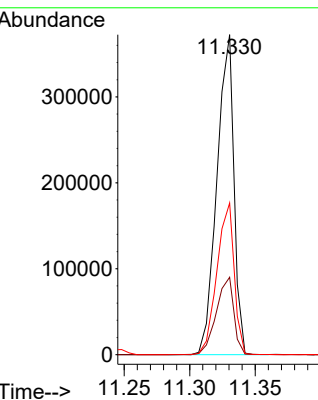
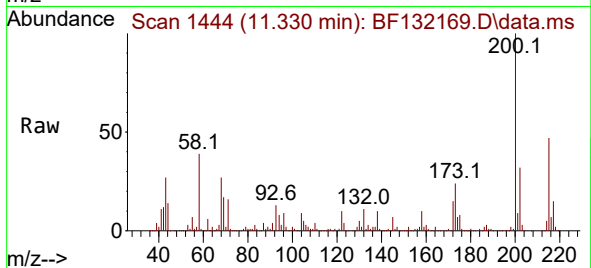
215 47.4 28.6 68.6

Manual Integrations

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Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#70

Pentachlorophenol

Concen: 86.156 ng

RT: 11.442 min Scan# 1463

Delta R.T. 0.006 min

Lab File: BF132169.D

Acq: 20 Jan 2023 19:30

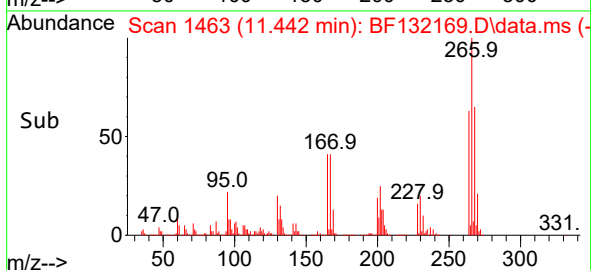
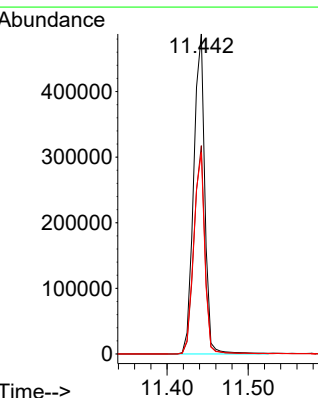
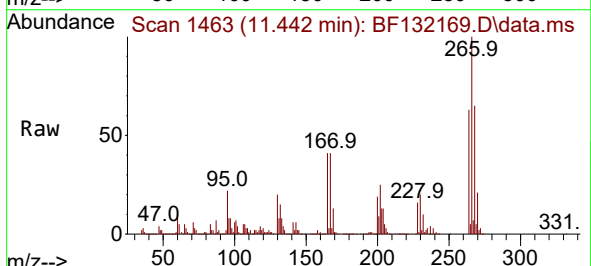
Tgt Ion:266 Resp: 463745

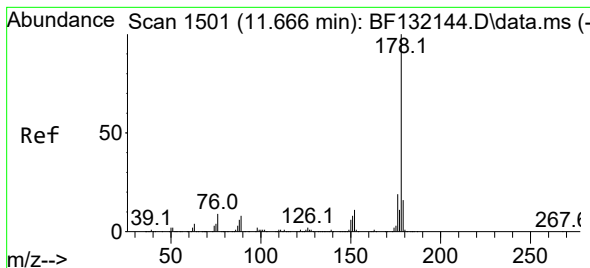
Ion Ratio Lower Upper

266 100

268 65.1 50.8 76.2

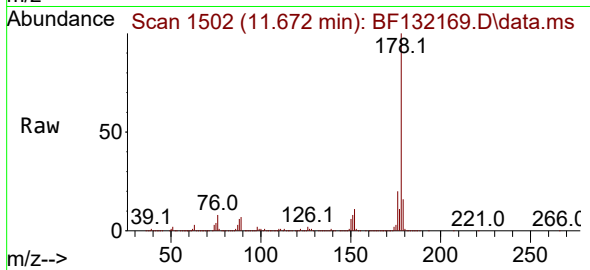
264 62.9 52.3 78.5





#71
Phenanthrene
Concen: 42.864 ng
RT: 11.672 min Scan# 1502
Delta R.T. 0.006 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

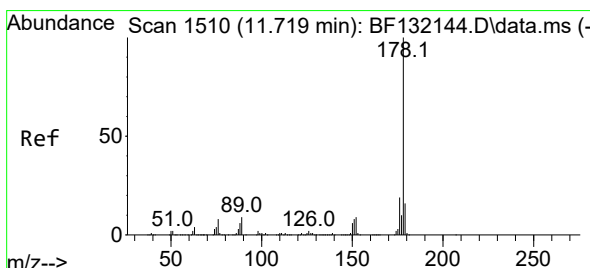
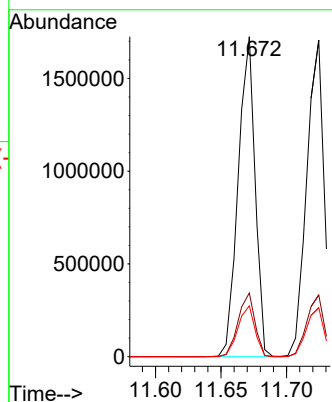
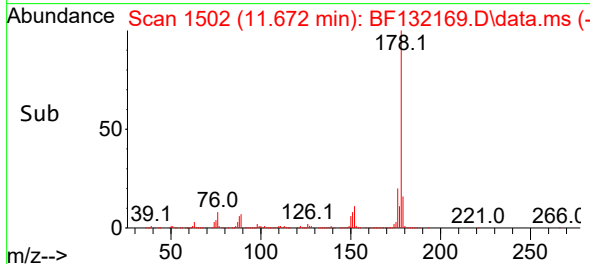
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MSD



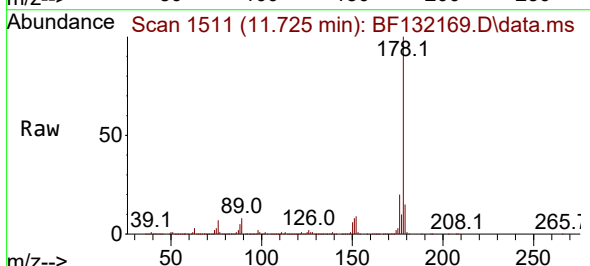
Tgt Ion:178 Resp: 155534
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 15.9 12.6 19.0

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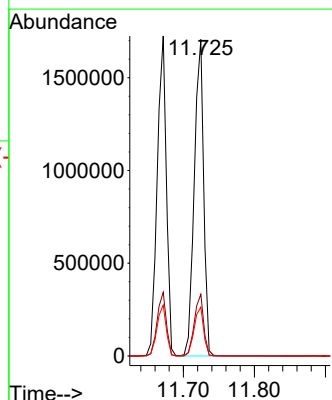
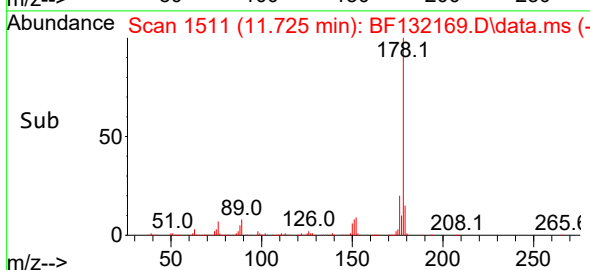
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

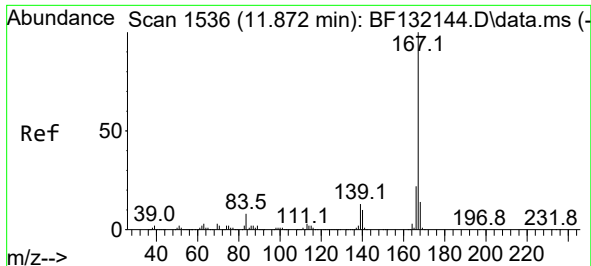


#72
Anthracene
Concen: 42.772 ng
RT: 11.725 min Scan# 1511
Delta R.T. 0.006 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30



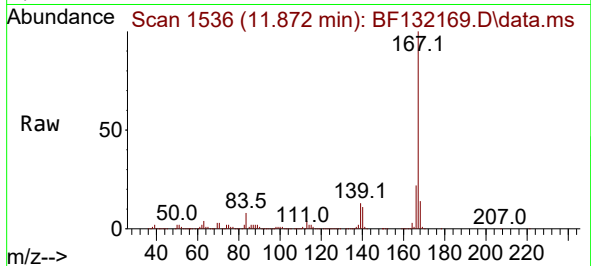
Tgt Ion:178 Resp: 1570102
Ion Ratio Lower Upper
178 100
176 19.5 15.3 22.9
179 15.5 12.6 18.8





#73
 Carbazole
 Concen: 46.007 ng
 RT: 11.872 min Scan# 1536
 Delta R.T. 0.000 min
 Lab File: BF132169.D
 Acq: 20 Jan 2023 19:30

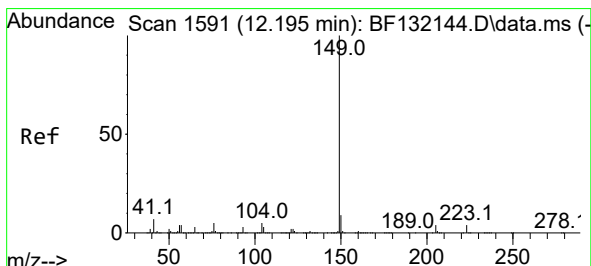
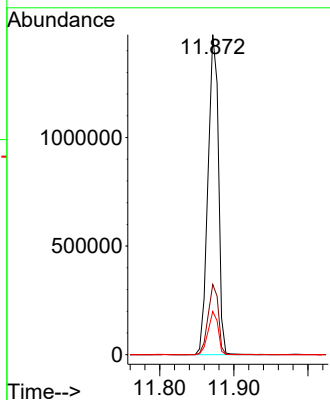
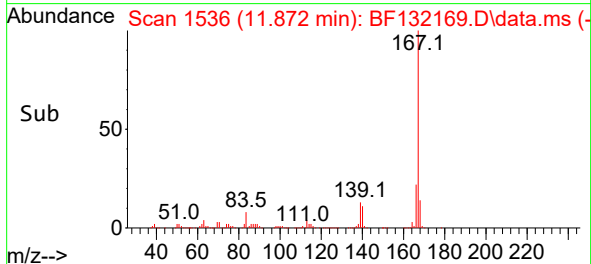
Instrument :
 BNA_F
 ClientSampleId :
 B-04-SB02MSD



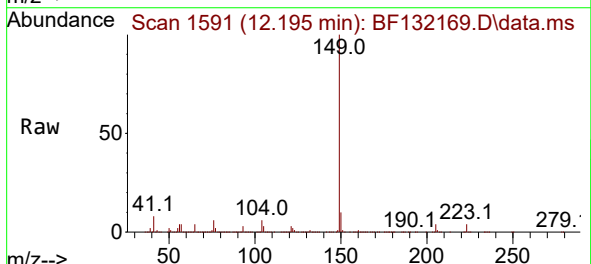
Tgt Ion:167 Resp: 1442608
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 13.5 10.5 15.7

Manual Integrations
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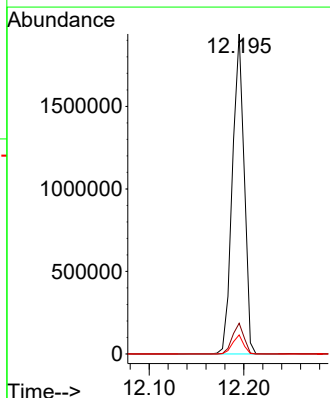
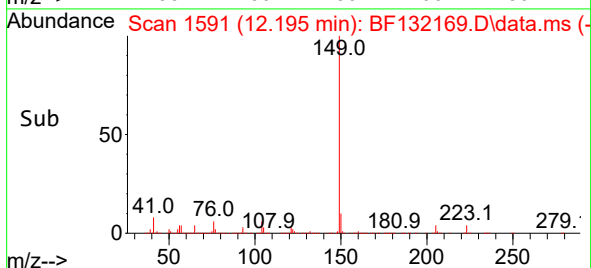
Reviewed By :Christian Giraldo 01/23/2023
 Supervised By :Jagrut Upadhyay 01/23/2023

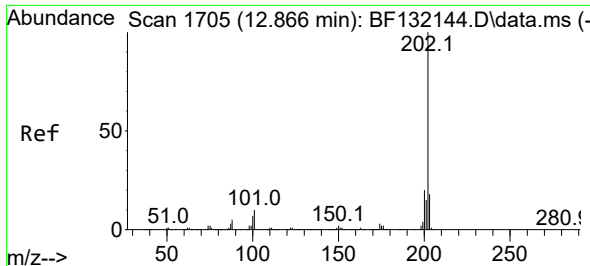


#74
 Di-n-butylphthalate
 Concen: 47.735 ng
 RT: 12.195 min Scan# 1591
 Delta R.T. 0.000 min
 Lab File: BF132169.D
 Acq: 20 Jan 2023 19:30



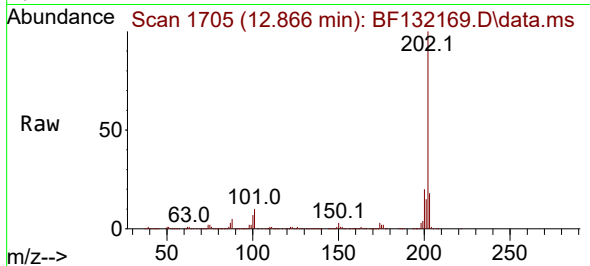
Tgt Ion:149 Resp: 1666273
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.5 11.3
 104 6.0 4.3 6.5





#75
Fluoranthene
Concen: 46.469 ng
RT: 12.866 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

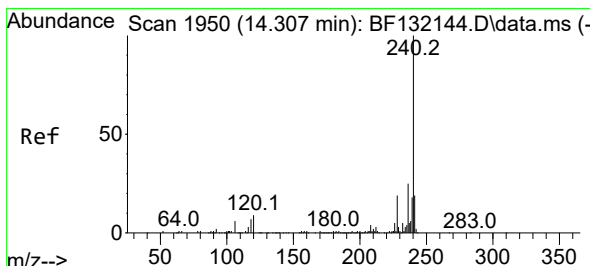
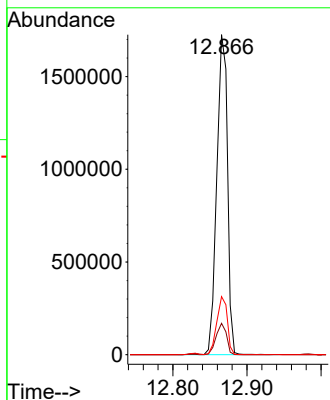
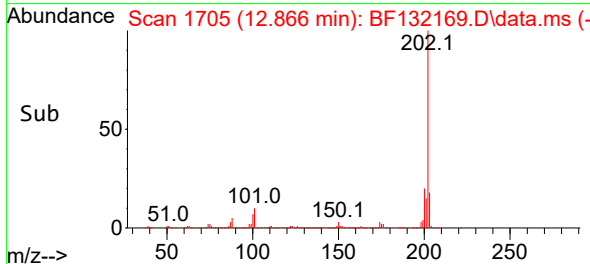
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MSD



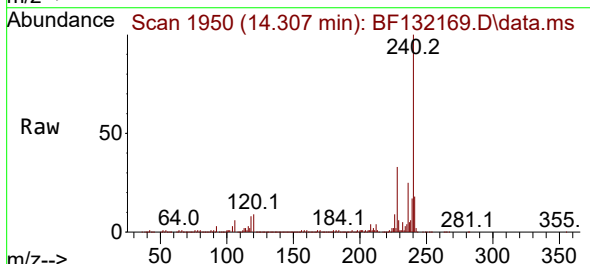
Tgt Ion:202 Resp: 173202
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.6
203 18.1 0.0 37.9

Manual Integrations
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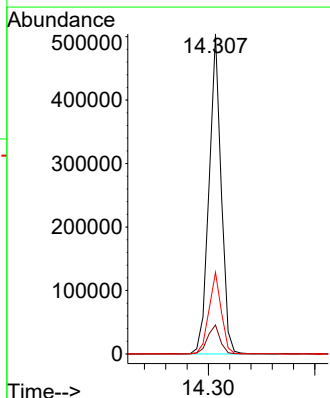
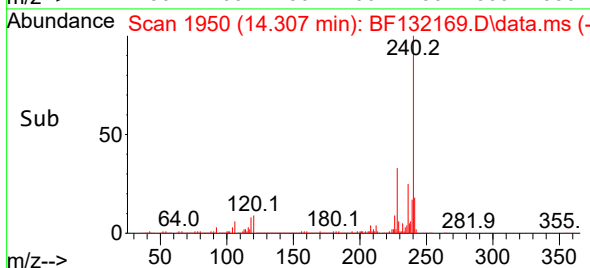
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

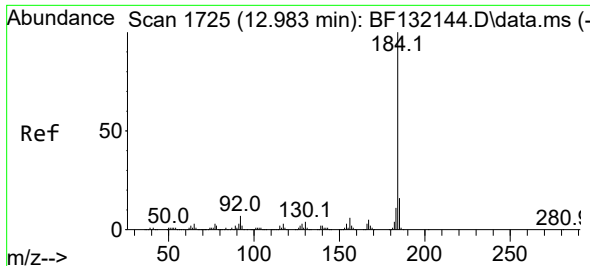


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.307 min Scan# 1950
Delta R.T. 0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30



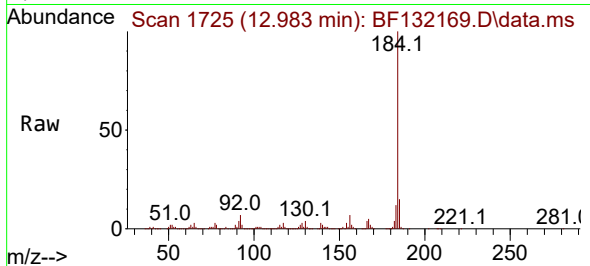
Tgt Ion:240 Resp: 399088
Ion Ratio Lower Upper
240 100
120 9.1 6.9 10.3
236 25.5 20.3 30.5





#77
Benzidine
Concen: 44.392 ng
RT: 12.983 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

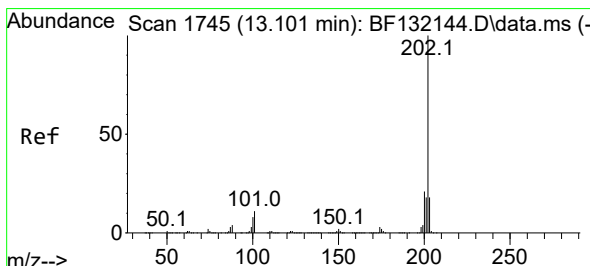
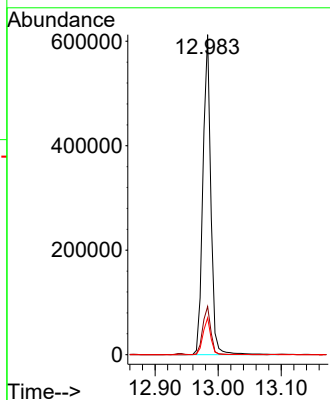
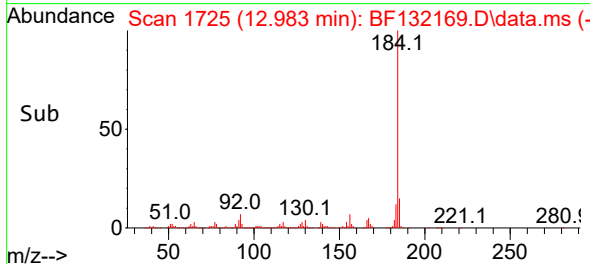
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MSD



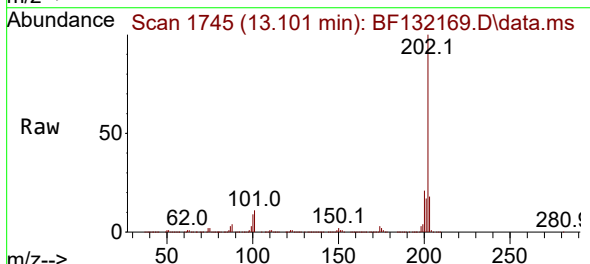
Tgt Ion:184 Resp: 53192
Ion Ratio Lower Upper
184 100
185 15.0 12.5 18.7
183 11.5 9.0 13.4

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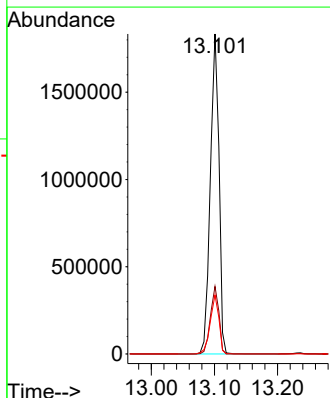
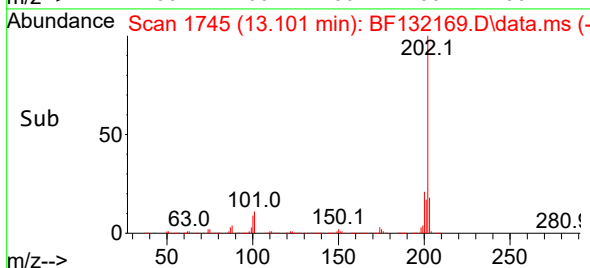
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

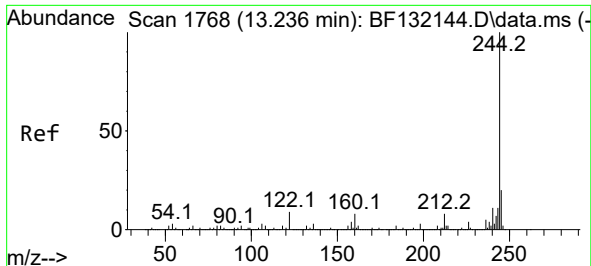


#78
Pyrene
Concen: 47.175 ng
RT: 13.101 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30



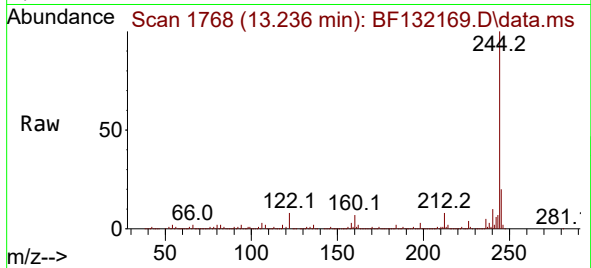
Tgt Ion:202 Resp: 1735084
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 18.4 14.0 21.0





#79
 Terphenyl-d14
 Concen: 61.216 ng
 RT: 13.236 min Scan# 1768
 Delta R.T. 0.000 min
 Lab File: BF132169.D
 Acq: 20 Jan 2023 19:30

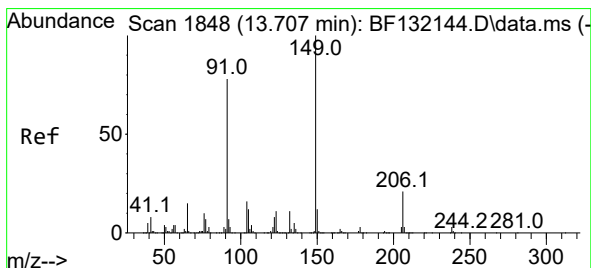
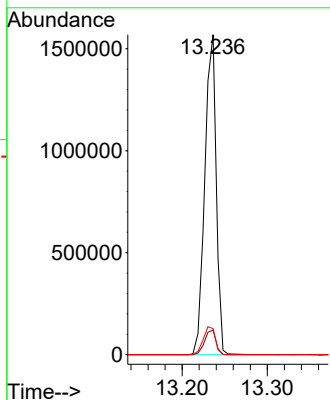
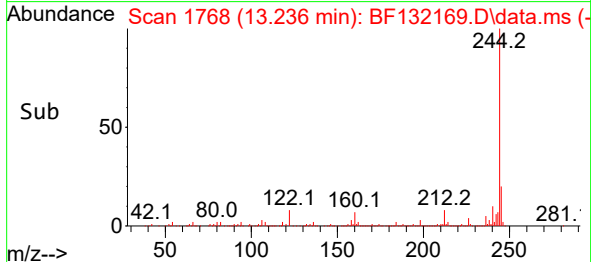
Instrument :
 BNA_F
 ClientSampleId :
 B-04-SB02MSD



Tgt Ion:244 Resp: 1458459
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.7 10.1
 122 8.1 7.4 11.2

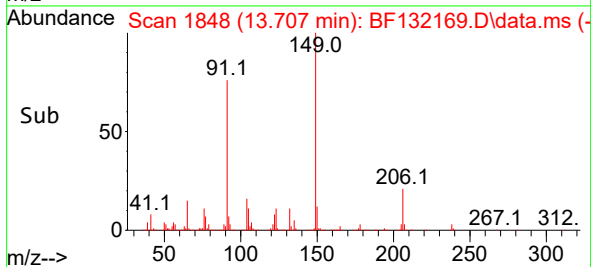
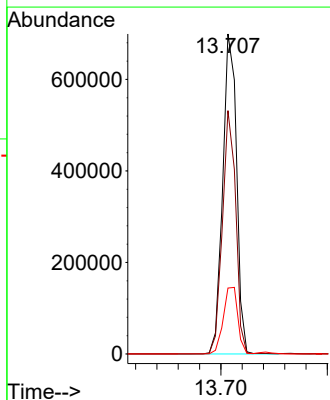
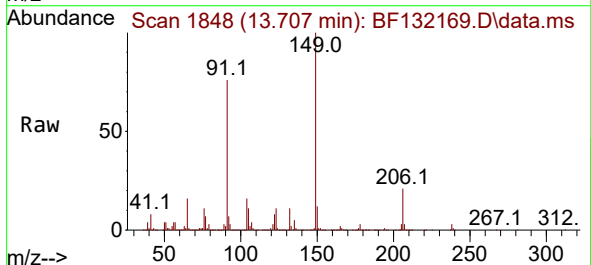
Manual Integrations
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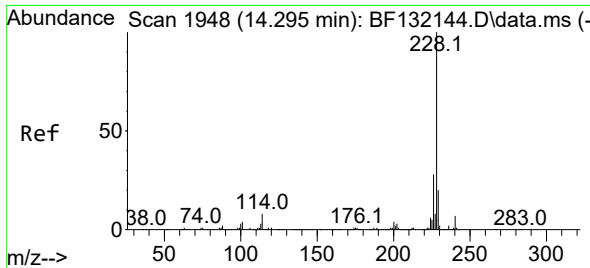
Reviewed By :Christian Giraldo 01/23/2023
 Supervised By :Jagrut Upadhyay 01/23/2023



#80
 Butylbenzylphthalate
 Concen: 52.219 ng
 RT: 13.707 min Scan# 1848
 Delta R.T. -0.000 min
 Lab File: BF132169.D
 Acq: 20 Jan 2023 19:30

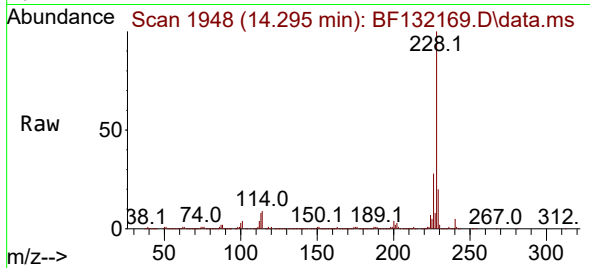
Tgt Ion:149 Resp: 628967
 Ion Ratio Lower Upper
 149 100
 91 76.0 62.6 94.0
 206 20.6 16.4 24.6





#81
Benzo(a)anthracene
Concen: 46.125 ng
RT: 14.295 min Scan# 1948
Delta R.T. -0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

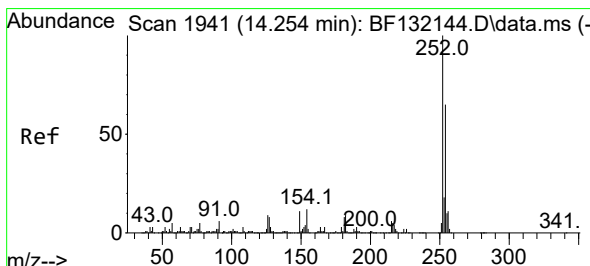
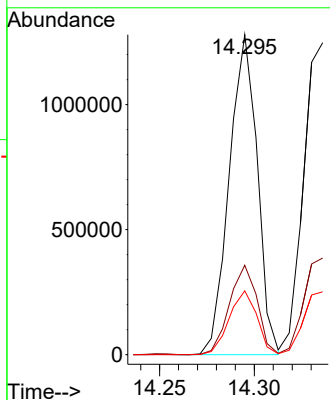
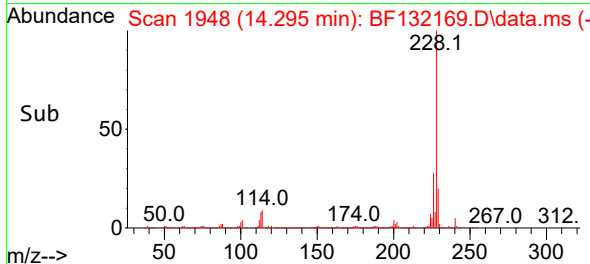
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MSD



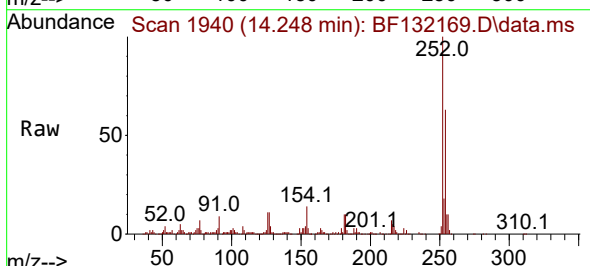
Tgt Ion:228 Resp: 131507
Ion Ratio Lower Upper
228 100
226 28.0 22.5 33.7
229 20.0 16.1 24.1

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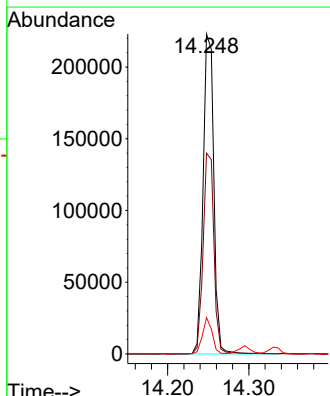
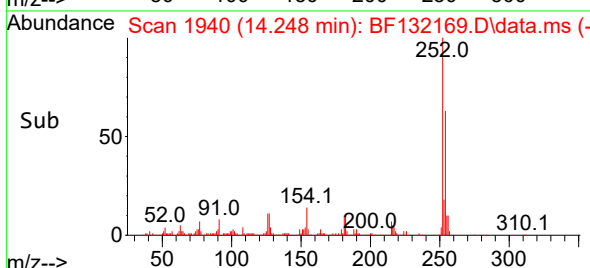
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023

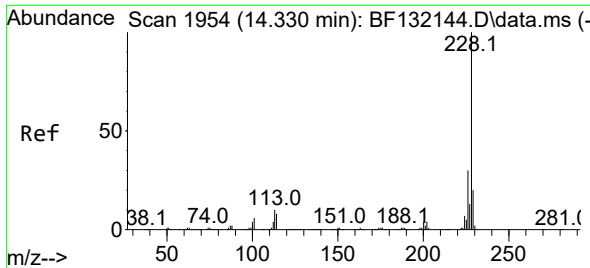


#82
3,3'-Dichlorobenzidine
Concen: 25.663 ng
RT: 14.248 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30



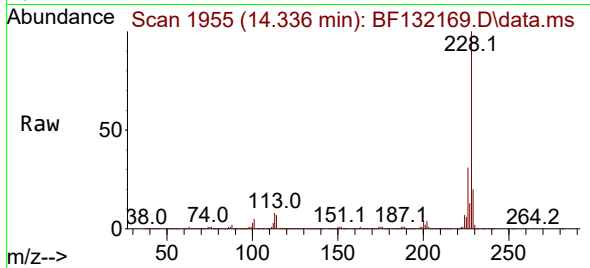
Tgt Ion:252 Resp: 203765
Ion Ratio Lower Upper
252 100
254 62.8 52.4 78.6
126 11.4 7.0 10.6#





#83
Chrysene
Concen: 44.336 ng
RT: 14.336 min Scan# 1954
Delta R.T. 0.006 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

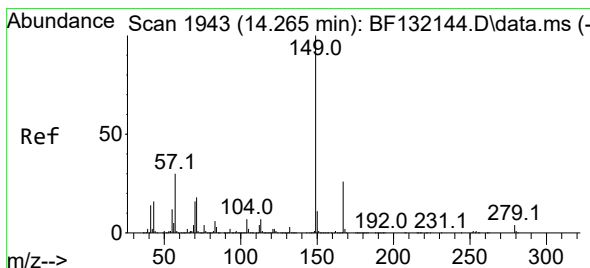
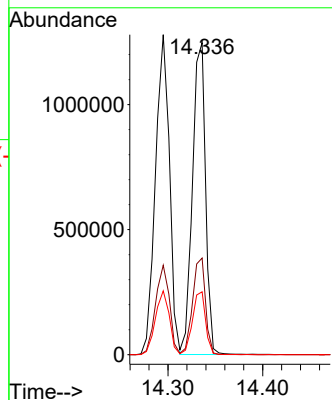
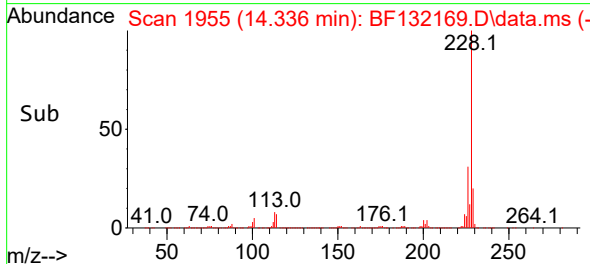
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MSD



Tgt Ion:228 Resp: 1203211
Ion Ratio Lower Upper
228 100
226 31.0 24.3 36.5
229 20.1 15.8 23.6

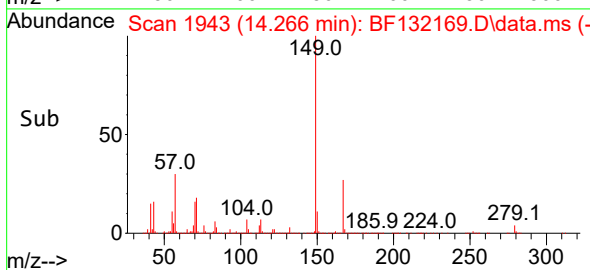
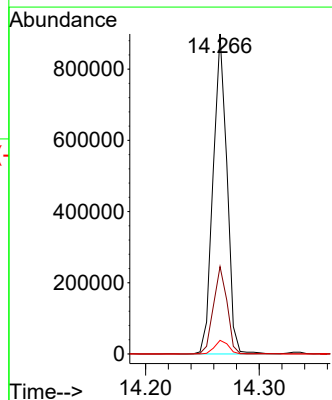
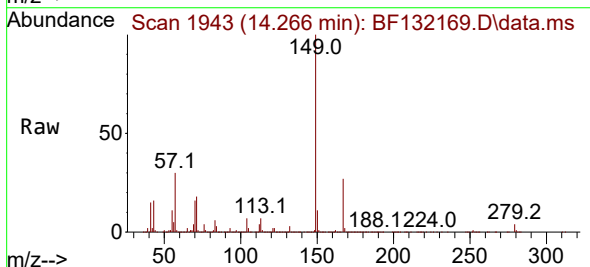
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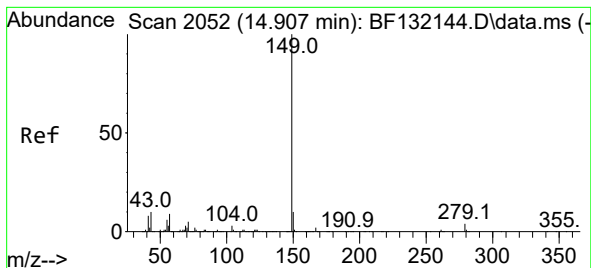
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 47.310 ng
RT: 14.266 min Scan# 1943
Delta R.T. 0.001 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

Tgt Ion:149 Resp: 758426
Ion Ratio Lower Upper
149 100
167 27.3 21.0 31.6
279 4.2 3.2 4.8





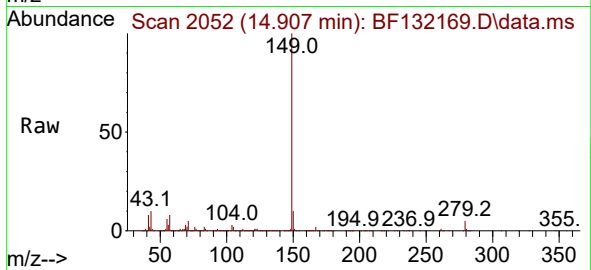
#85
Di-n-octyl phthalate
Concen: 44.898 ng
RT: 14.907 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

Instrument :

BNA_F

ClientSampleId :

B-04-SB02MSD

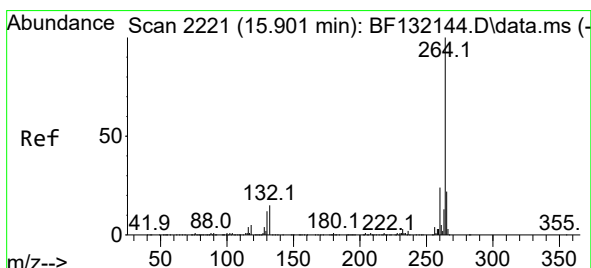
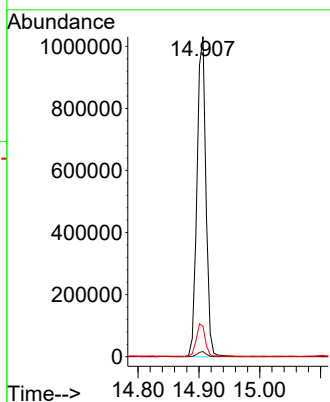
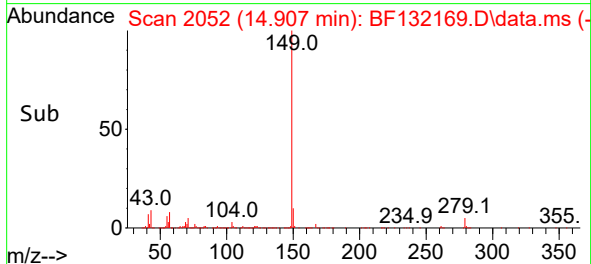


Tgt Ion:149 Resp: 1047668
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.2 8.4 12.6

Manual Integrations

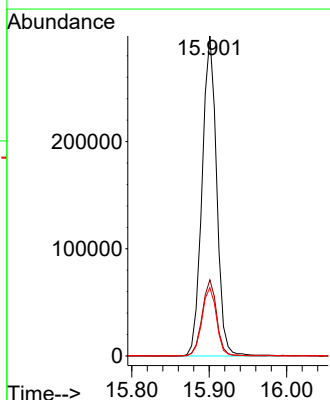
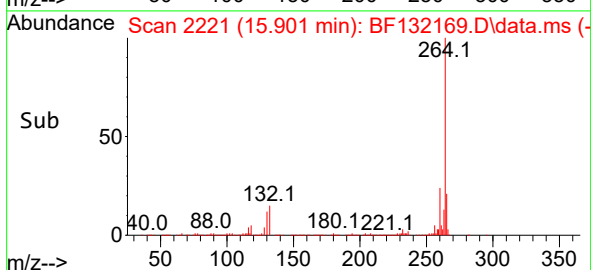
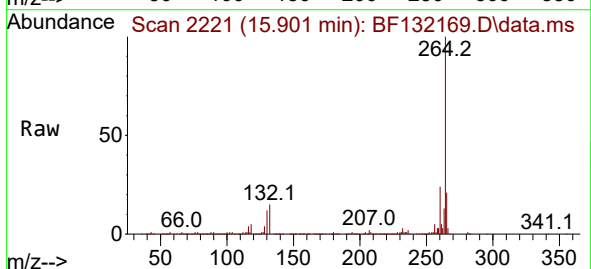
APPROVED

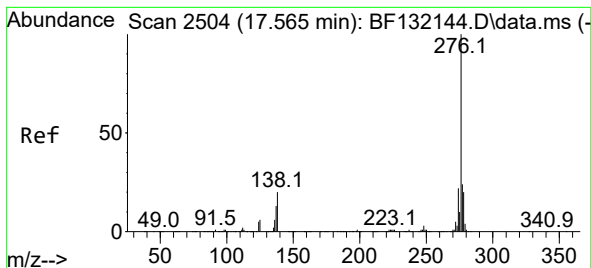
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.901 min Scan# 2221
Delta R.T. -0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

Tgt Ion:264 Resp: 388829
Ion Ratio Lower Upper
264 100
260 23.8 19.1 28.7
265 21.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.874 ng

RT: 17.571 min Scan# 2140

Delta R.T. 0.006 min

Lab File: BF132169.D

Acq: 20 Jan 2023 19:30

Instrument :

BNA_F

ClientSampleId :

B-04-SB02MSD

Tgt Ion:276 Resp: 138466

Ion Ratio Lower Upper

276 100

138 21.7 17.9 26.9

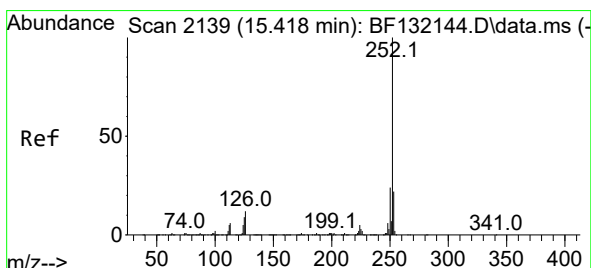
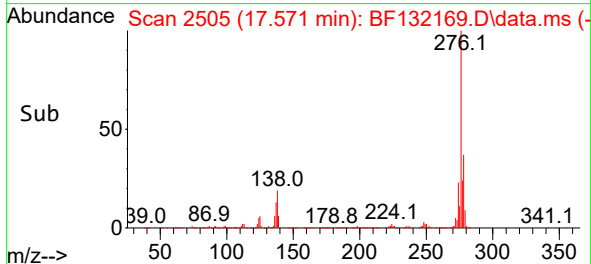
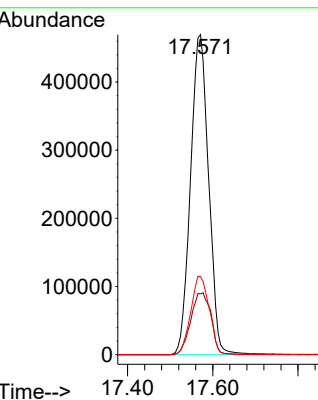
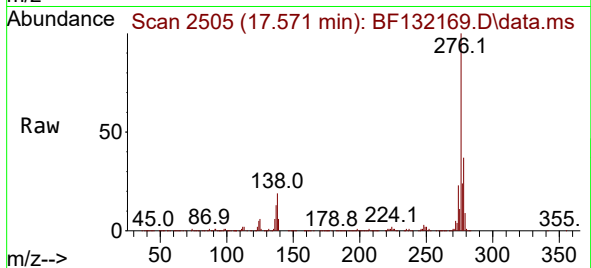
277 25.1 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#88

Benzo(b)fluoranthene

Concen: 49.733 ng

RT: 15.424 min Scan# 2140

Delta R.T. 0.006 min

Lab File: BF132169.D

Acq: 20 Jan 2023 19:30

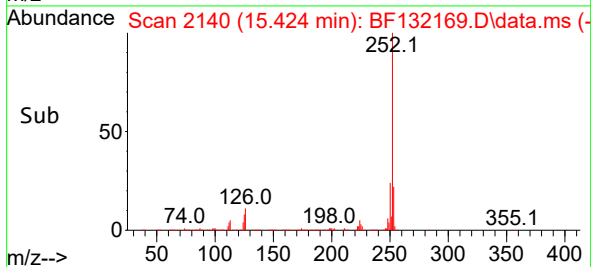
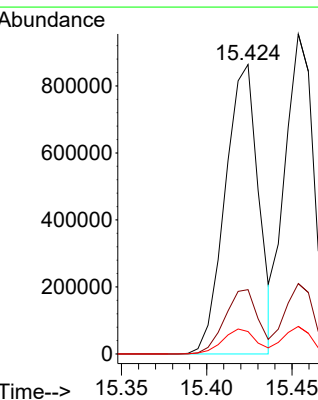
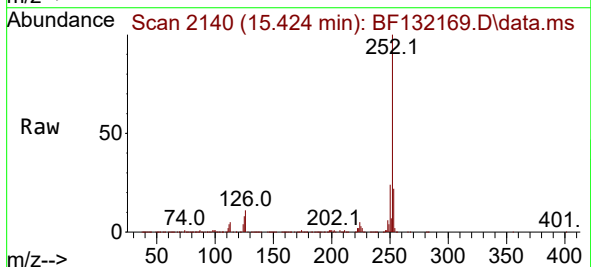
Tgt Ion:252 Resp: 1177388

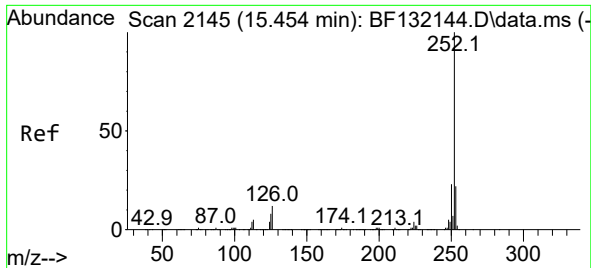
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

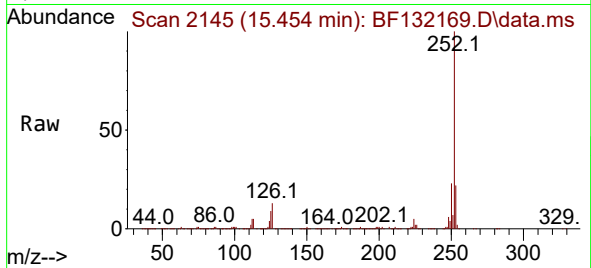
125 7.7 7.2 10.8





#89
Benzo(k)fluoranthene
Concen: 47.085 ng
RT: 15.454 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

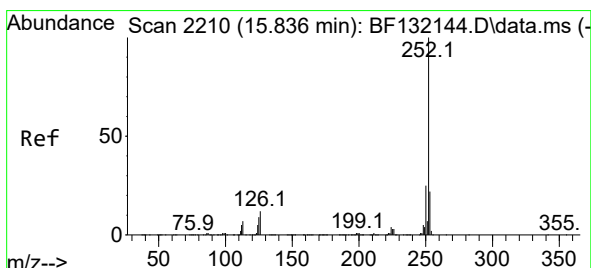
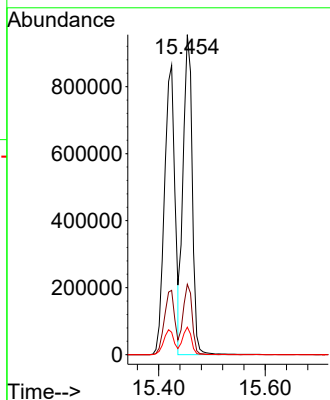
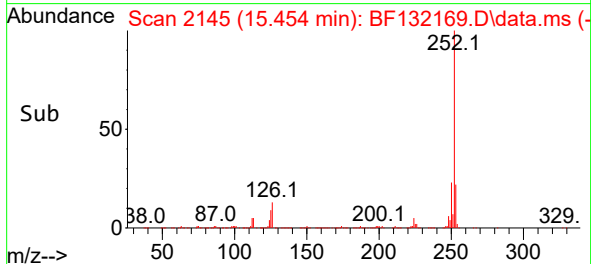
Instrument :
BNA_F
ClientSampleId :
B-04-SB02MSD



Tgt Ion:252 Resp: 113686
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 8.6 6.4 9.6

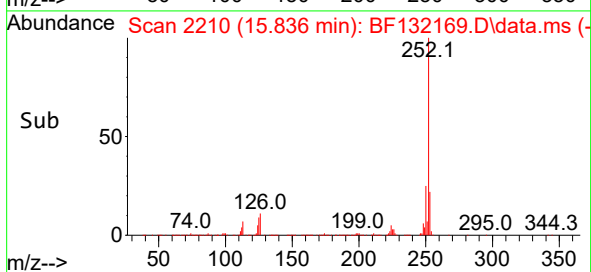
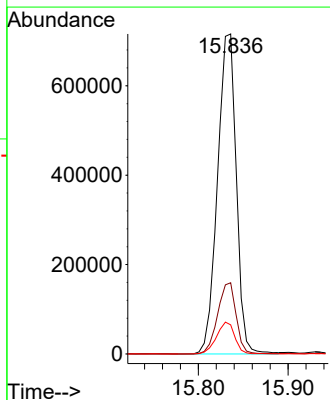
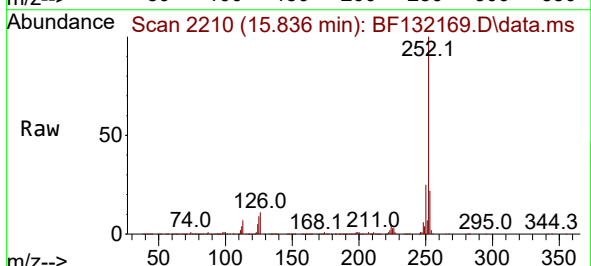
Manual Integrations
APPROVED

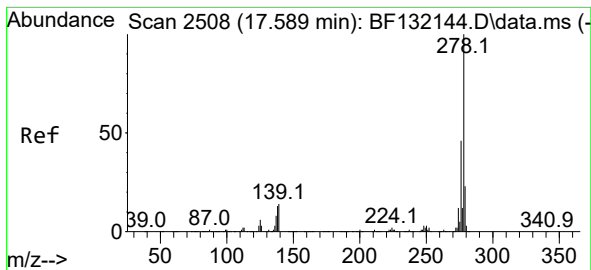
Reviewed By :Christian Giraldo 01/23/2023
Supervised By :Jagrut Upadhyay 01/23/2023



#90
Benzo(a)pyrene
Concen: 45.685 ng
RT: 15.836 min Scan# 2210
Delta R.T. 0.000 min
Lab File: BF132169.D
Acq: 20 Jan 2023 19:30

Tgt Ion:252 Resp: 1040427
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.1 7.3 10.9





#91

Dibenzo(a,h)anthracene

Concen: 48.314 ng

RT: 17.595 min Scan# 2509

Delta R.T. 0.006 min

Lab File: BF132169.D

Acq: 20 Jan 2023 19:30

Instrument :

BNA_F

ClientSampleId :

B-04-SB02MSD

Tgt Ion:278 Resp: 1111774

Ion Ratio Lower Upper

278 100

139 13.9 11.4 17.2

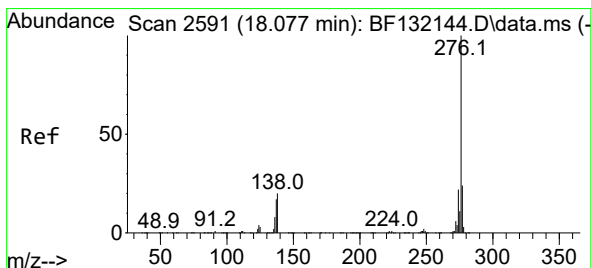
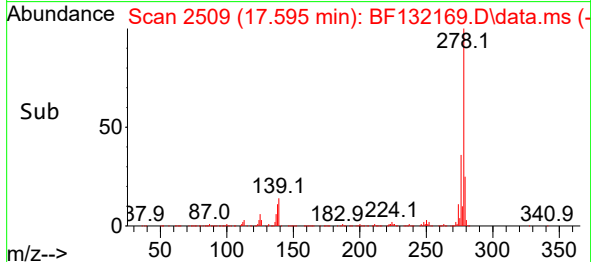
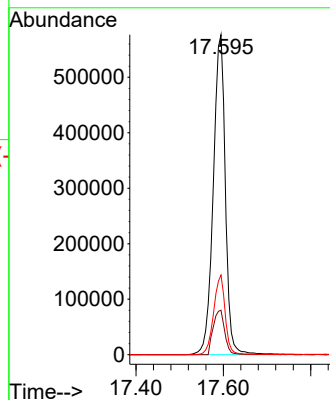
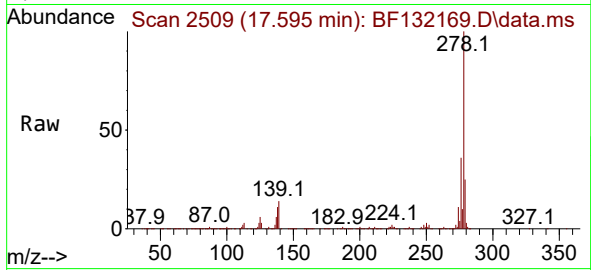
279 24.9 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#92

Benzo(g,h,i)perylene

Concen: 44.116 ng

RT: 18.083 min Scan# 2592

Delta R.T. 0.006 min

Lab File: BF132169.D

Acq: 20 Jan 2023 19:30

Tgt Ion:276 Resp: 1166053

Ion Ratio Lower Upper

276 100

277 23.8 18.9 28.3

138 18.9 15.7 23.5

