

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
 Data File : BF132125.D
 Acq On : 18 Jan 2023 18:53
 Operator : CG\JU
 Sample : PB150317BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150317BS

Manual Integrations
 APPROVED

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

Quant Time: Jan 19 07:52:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:42:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.095	152	200836	20.000	ng	0.00
21) Naphthalene-d8	8.383	136	730996	20.000	ng	0.00
39) Acenaphthene-d10	10.148	164	395104	20.000	ng	0.00
64) Phenanthrene-d10	11.648	188	759802	20.000	ng	0.00
76) Chrysene-d12	14.312	240	465735	20.000	ng	0.00
86) Perylene-d12	15.912	264	429046	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.731	112	1314189	116.419	ng	0.01
7) Phenol-d6	6.713	99	1696130	116.307	ng	0.00
23) Nitrobenzene-d5	7.666	82	1130817	82.113	ng	0.00
42) 2,4,6-Tribromophenol	10.948	330	530097	122.624	ng	0.00
45) 2-Fluorobiphenyl	9.466	172	1823848	80.316	ng	0.00
79) Terphenyl-d14	13.242	244	2194664	76.458	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.148	88	200695	33.946	ng	100
3) Pyridine	3.866	79	483488	30.541	ng	98
4) n-Nitrosodimethylamine	3.831	42	305011	39.868	ng	97
6) Aniline	6.760	93	517723m	25.388	ng	
8) 2-Chlorophenol	6.878	128	537829	44.765	ng	99
10) Phenol	6.731	94	609359m	40.607	ng	
11) bis(2-Chloroethyl)ether	6.831	93	544108	42.637	ng	97
12) 1,3-Dichlorobenzene	7.042	146	569844	43.099	ng	99
13) 1,4-Dichlorobenzene	7.119	146	573178	43.310	ng	99
14) 1,2-Dichlorobenzene	7.266	146	545645	43.512	ng	100
15) Benzyl Alcohol	7.231	79	480058m	41.415	ng	
16) 2,2'-oxybis(1-Chloropr...	7.366	45	804352	42.341	ng	99
17) 2-Methylphenol	7.336	107	423334	39.150	ng	98
18) Hexachloroethane	7.613	117	220930	45.294	ng	96
19) n-Nitroso-di-n-propyla...	7.507	70	357088	38.948	ng	98
20) 3+4-Methylphenols	7.489	107	521596	38.863	ng	95
22) Acetophenone	7.507	105	680887	40.379	ng	# 99
24) Nitrobenzene	7.684	77	582556	40.399	ng	99
25) Isophorone	7.919	82	1093405	39.680	ng	99
26) 2-Nitrophenol	7.995	139	266162	45.301	ng	98
27) 2,4-Dimethylphenol	8.025	122	482776	41.216	ng	98
28) bis(2-Chloroethoxy)met...	8.125	93	621860	39.354	ng	99
29) 2,4-Dichlorophenol	8.236	162	446729	40.699	ng	99
30) 1,2,4-Trichlorobenzene	8.325	180	500010	41.686	ng	99
31) Naphthalene	8.407	128	1415702	39.445	ng	99
32) Benzoic acid	8.136	122	345300	42.912	ng	99
33) 4-Chloroaniline	8.442	127	158466	10.056	ng	97
34) Hexachlorobutadiene	8.519	225	339172	42.879	ng	99
35) Caprolactam	8.819	113	152320m	42.706	ng	
36) 4-Chloro-3-methylphenol	8.919	107	471366	41.184	ng	96
37) 2-Methylnaphthalene	9.101	142	948444	37.949	ng	100
38) 1-Methylnaphthalene	9.201	142	889313	37.872	ng	99
40) 1,2,4,5-Tetrachloroben...	9.266	216	500421	39.406	ng	99
41) Hexachlorocyclopentadiene	9.254	237	617586	91.515	ng	100
43) 2,4,6-Trichlorophenol	9.372	196	345911	42.383	ng	99
44) 2,4,5-Trichlorophenol	9.419	196	393024	39.407	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.566	154	1143715	39.207	ng	100
47) 2-Chloronaphthalene	9.595	162	914018	40.156	ng	99
48) 2-Nitroaniline	9.683	65	315156	40.615	ng	99
49) Acenaphthylene	10.013	152	1429192	38.748	ng	99
50) Dimethylphthalate	9.866	163	1125513	39.186	ng	99
51) 2,6-Dinitrotoluene	9.925	165	254314	41.622	ng	96
52) Acenaphthene	10.183	154	968844	43.376	ng	99
53) 3-Nitroaniline	10.095	138	150446	23.258	ng	99
54) 2,4-Dinitrophenol	10.201	184	265873	102.417	ng	# 86
55) Dibenzofuran	10.360	168	1324654	38.544	ng	99
56) 4-Nitrophenol	10.248	139	382751	82.824	ng	94
57) 2,4-Dinitrotoluene	10.330	165	331500	43.926	ng	99
58) Fluorene	10.707	166	986802	38.718	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.472	232	323818	41.251	ng	99
60) Diethylphthalate	10.566	149	1133025	39.396	ng	100
61) 4-Chlorophenyl-phenyle...	10.689	204	530155	38.700	ng	95
62) 4-Nitroaniline	10.719	138	230223	39.469	ng	96
63) Azobenzene	10.854	77	1084888	38.727	ng	98
65) 4,6-Dinitro-2-methylph...	10.742	198	170949	48.381	ng	92
66) n-Nitrosodiphenylamine	10.813	169	909500	39.885	ng	99
67) 4-Bromophenyl-phenylether	11.189	248	354457	41.069	ng	97
68) Hexachlorobenzene	11.254	284	374861	43.169	ng	98
69) Atrazine	11.330	200	239884	31.260	ng	98
70) Pentachlorophenol	11.448	266	460271	77.151	ng	99
71) Phenanthrene	11.677	178	1529162	40.712	ng	99
72) Anthracene	11.730	178	1519325	39.782	ng	99
73) Carbazole	11.877	167	1362654	40.891	ng	100
74) Di-n-butylphthalate	12.201	149	1715410	42.389	ng	99
75) Fluoranthene	12.871	202	1675926	41.655	ng	98
77) Benzidine	12.989	184	199142	15.879	ng	97
78) Pyrene	13.107	202	1676548	37.608	ng	100
80) Butylbenzylphthalate	13.718	149	666978	42.445	ng	98
81) Benzo(a)anthracene	14.301	228	1285973	39.506	ng	100
82) 3,3'-Dichlorobenzidine	14.260	252	288447	33.313	ng	99
83) Chrysene	14.342	228	1200623	39.236	ng	99
84) Bis(2-ethylhexyl)phtha...	14.277	149	900989	43.843	ng	98
85) Di-n-octyl phthalate	14.912	149	1377475	51.113	ng	100
87) Indeno(1,2,3-cd)pyrene	17.577	276	1299317	51.398	ng	99
88) Benzo(b)fluoranthene	15.430	252	1281166	47.464	ng	100
89) Benzo(k)fluoranthene	15.465	252	1139583	42.204	ng	99
90) Benzo(a)pyrene	15.842	252	1081337	44.314	ng	99
91) Dibenzo(a,h)anthracene	17.606	278	1073712	52.858	ng	99
92) Benzo(g,h,i)perylene	18.095	276	1128911	53.341	ng	99

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

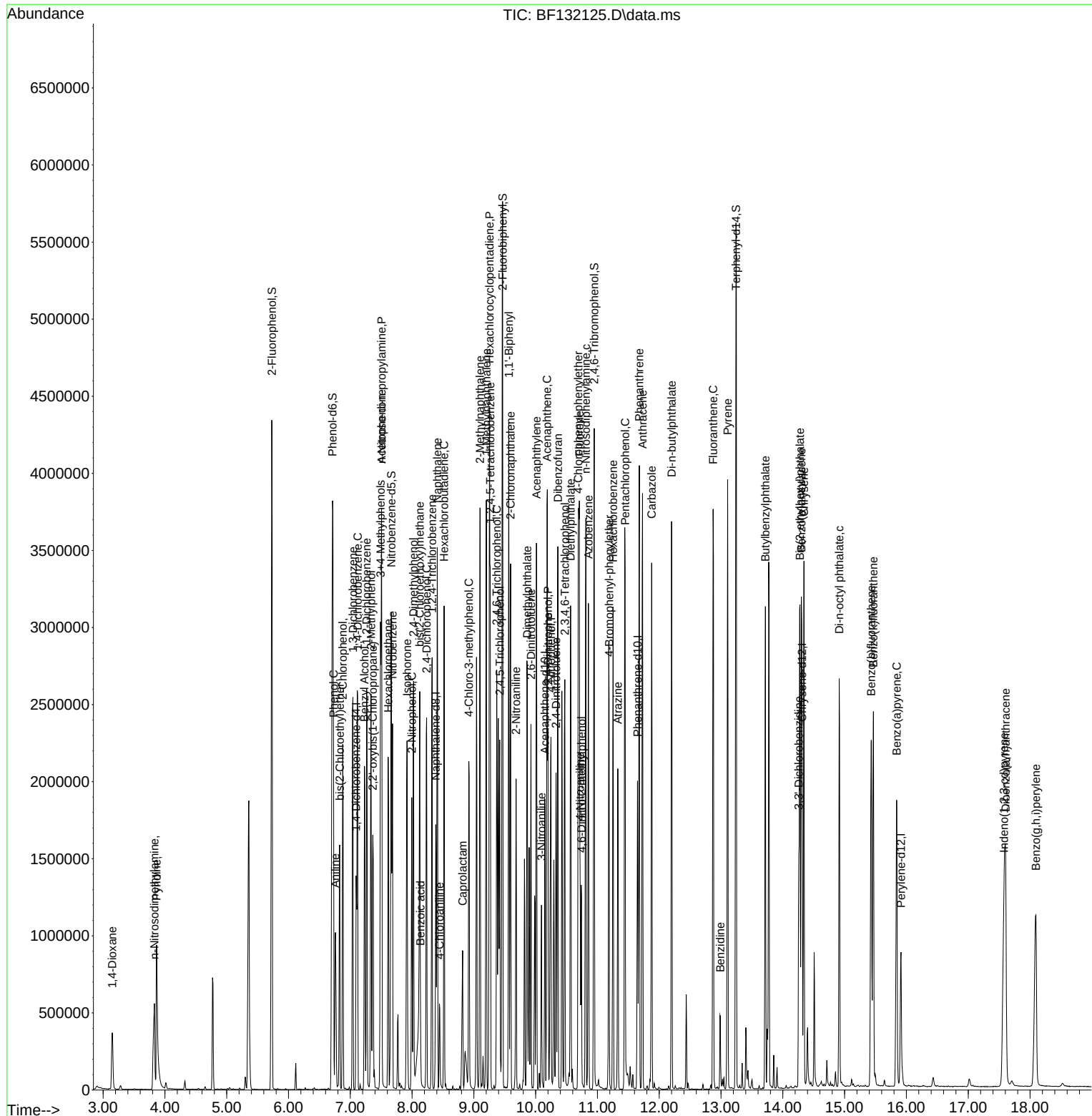
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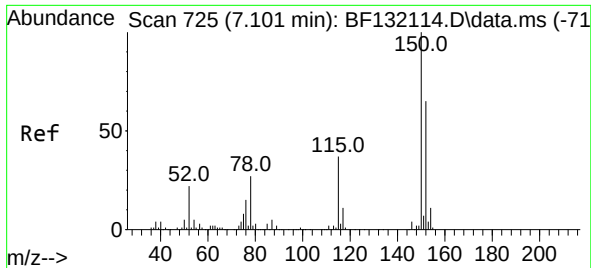
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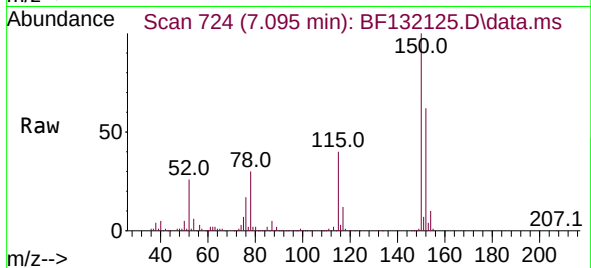
Reviewed By : Christian Giraldo 01/19/2023
 Supervised By : Jagrut Upadhyay 01/19/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.095 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

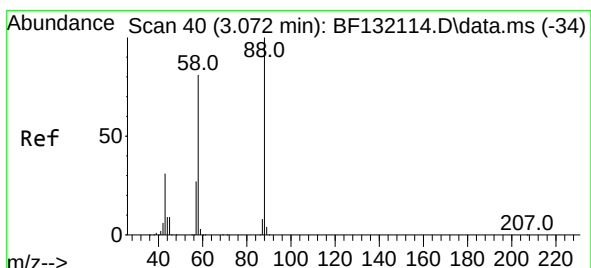
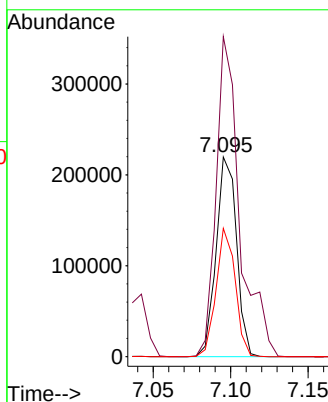
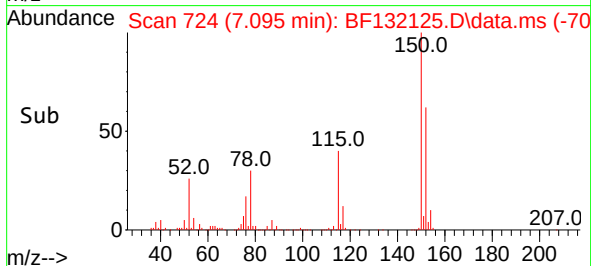
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BNA_F
ClientSampleId :
PB150317BS



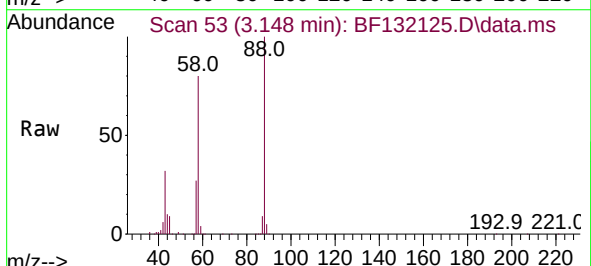
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Ion Ratio Lower Upper
152 100
150 160.4 123.3 184.9
115 64.2 45.8 68.6

Manual Integrations
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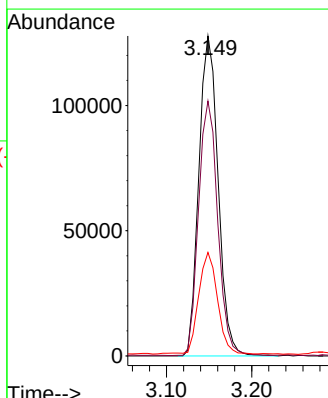
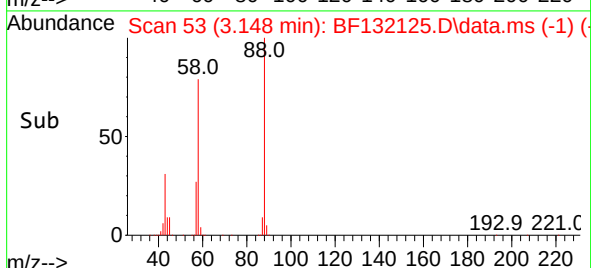
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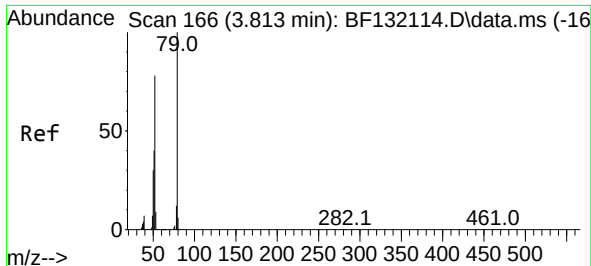


#2
1,4-Dioxane
Concen: 33.946 ng
RT: 3.148 min Scan# 53
Delta R.T. 0.076 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53



Tgt Ion: 88 Resp: 200695
Ion Ratio Lower Upper
88 100
58 79.2 63.8 95.6
43 31.1 24.7 37.1





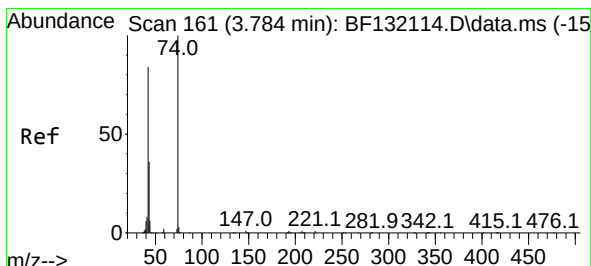
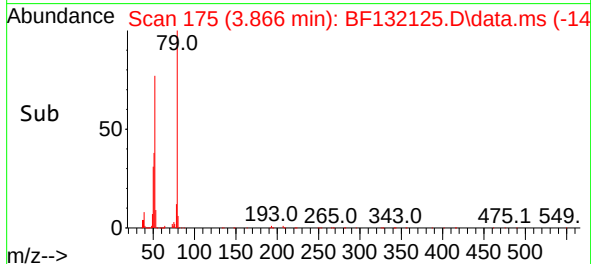
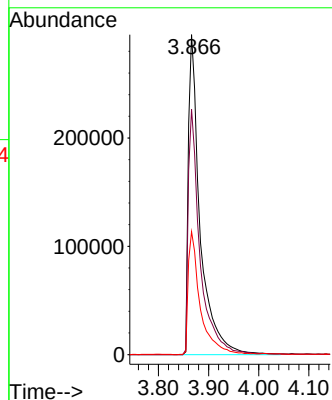
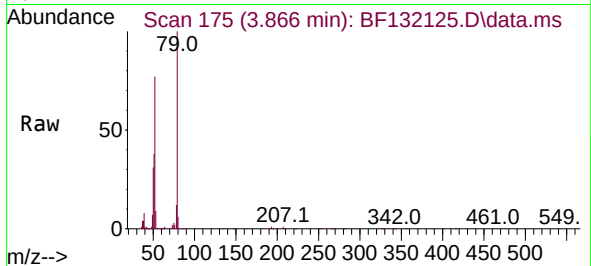
#3
Pyridine
Concen: 30.541 ng
RT: 3.866 min Scan# 11
Delta R.T. 0.053 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

Instrument :
BNA_F
ClientSampleId :
PB150317BS

Tgt Ion: 79 Resp: 483488
Ion Ratio Lower Upper
79 100
52 76.7 62.2 93.4
51 38.4 31.9 47.9

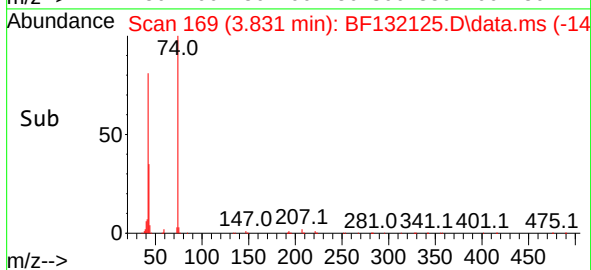
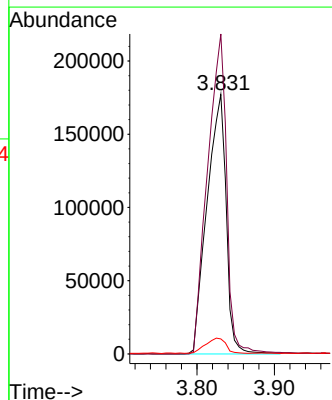
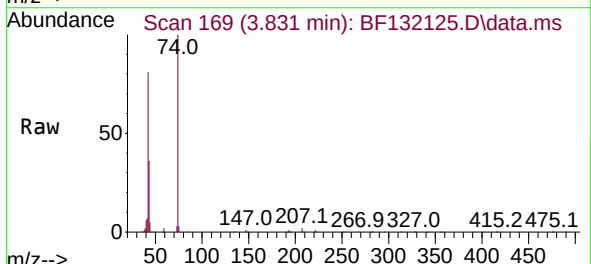
Manual Integrations
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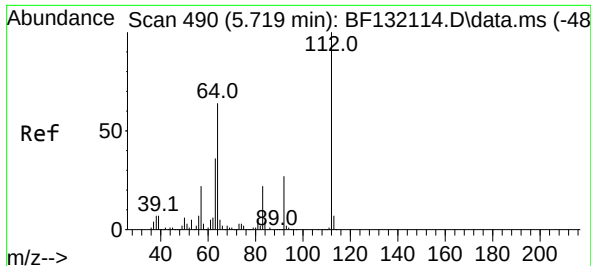
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#4
n-Nitrosodimethylamine
Concen: 39.868 ng
RT: 3.831 min Scan# 169
Delta R.T. 0.047 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

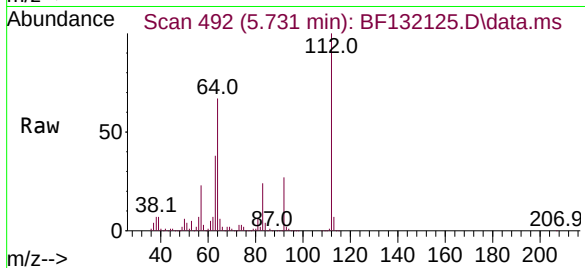
Tgt Ion: 42 Resp: 305011
Ion Ratio Lower Upper
42 100
74 123.3 95.8 143.6
44 5.8 5.6 8.4





#5
2-Fluorophenol
Concen: 116.419 ng
RT: 5.731 min Scan# 490
Delta R.T. 0.012 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

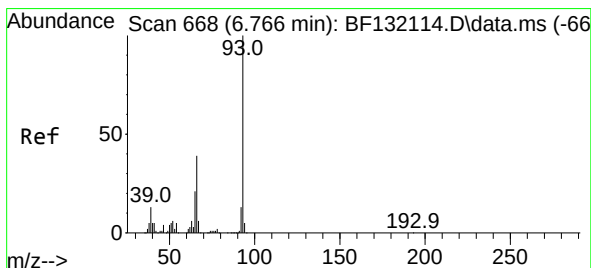
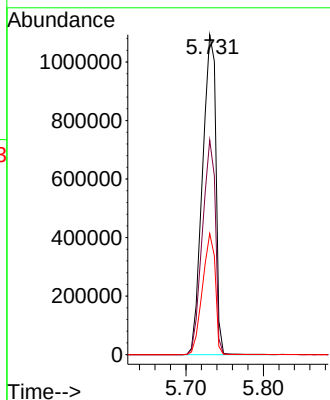
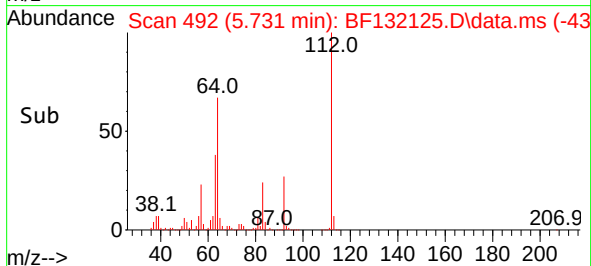
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 112 Resp: 1314189
Ion Ratio Lower Upper
112 100
64 67.1 51.0 76.6
63 37.8 28.7 43.1

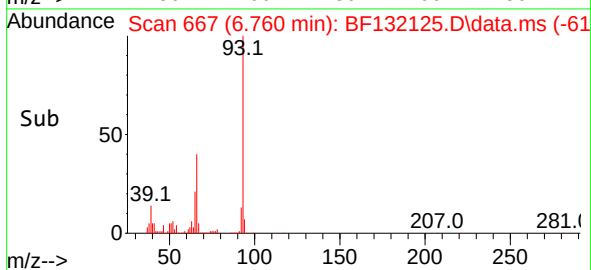
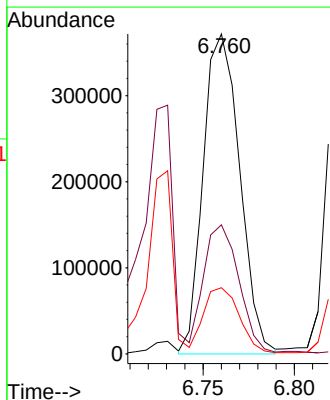
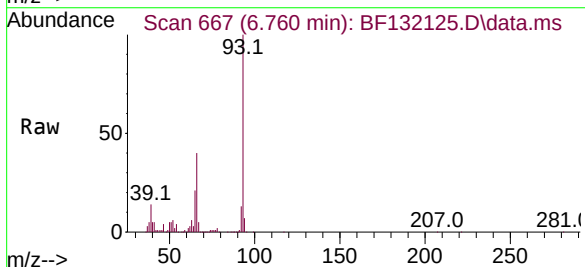
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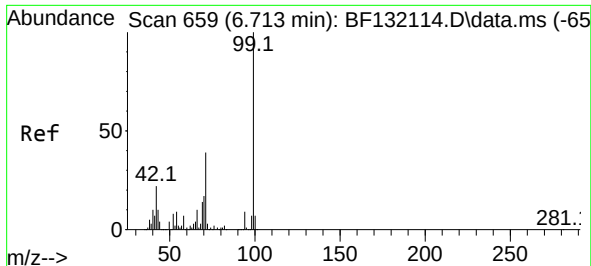
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#6
Aniline
Concen: 25.388 ng m
RT: 6.760 min Scan# 667
Delta R.T. -0.006 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

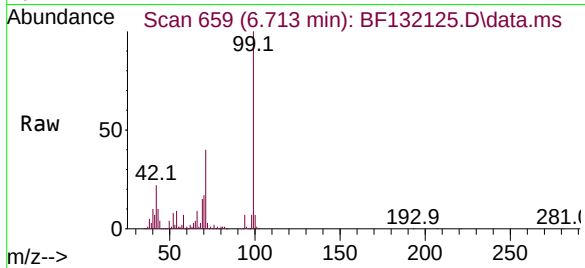
Tgt Ion: 93 Resp: 517723
Ion Ratio Lower Upper
93 100
66 40.3 32.2 48.2
65 20.7 17.0 25.4





#7
Phenol-d6
Concen: 116.307 ng
RT: 6.713 min Scan# 659
Delta R.T. 0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

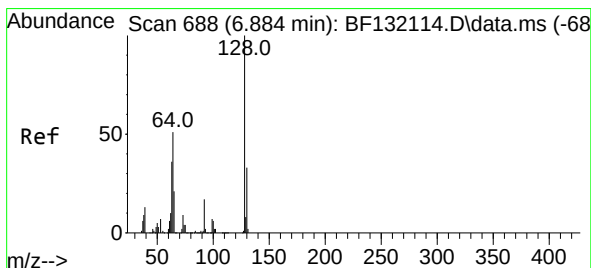
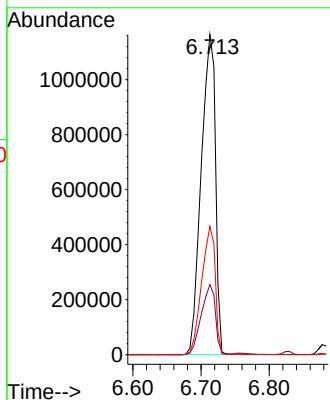
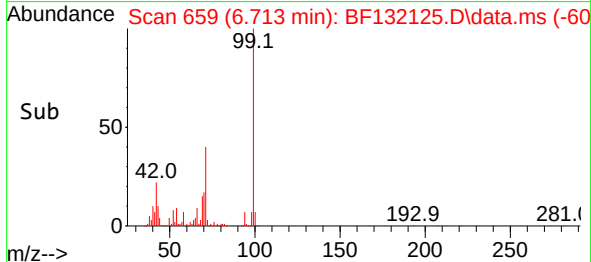
Instrument :
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Tgt Ion: 99 Resp: 1696130
Ion Ratio Lower Upper
99 100
42 21.9 17.2 25.8
71 40.1 31.0 46.6

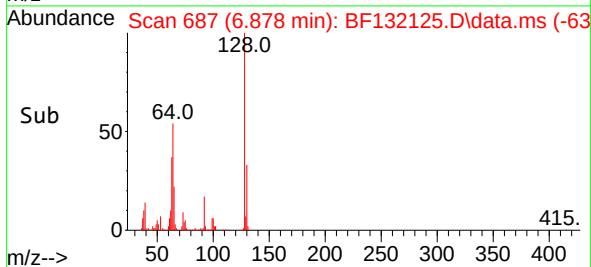
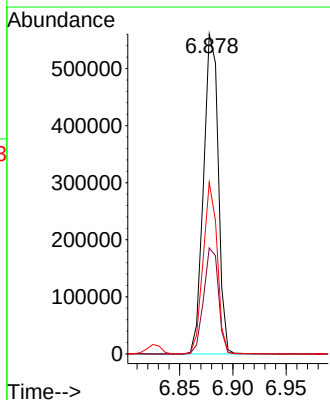
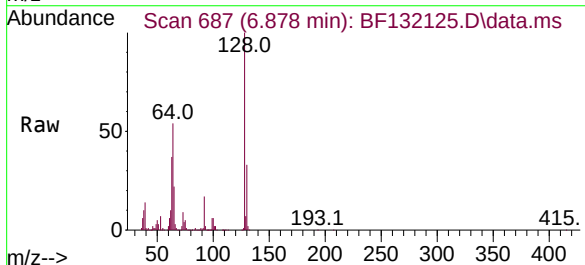
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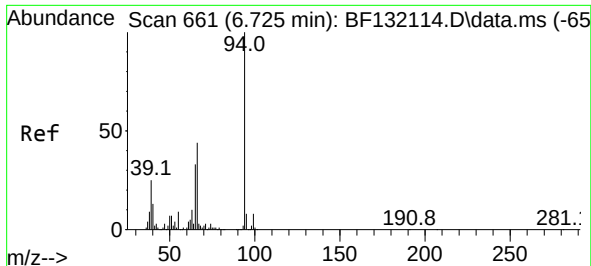
Reviewed By :Christian Giraldo 01/19/2023
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#8
2-Chlorophenol
Concen: 44.765 ng
RT: 6.878 min Scan# 687
Delta R.T. -0.006 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

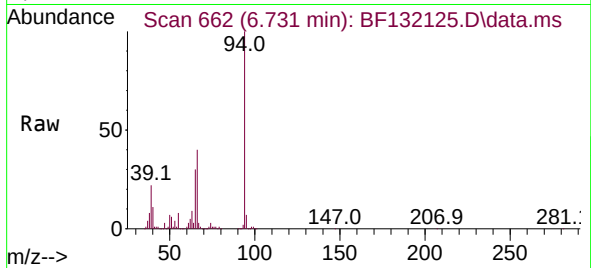
Tgt Ion:128 Resp: 537829
Ion Ratio Lower Upper
128 100
130 33.1 13.1 53.1
64 53.6 32.0 72.0





#10
Phenol
Concen: 40.607 ng m
RT: 6.731 min Scan# 661
Delta R.T. 0.006 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

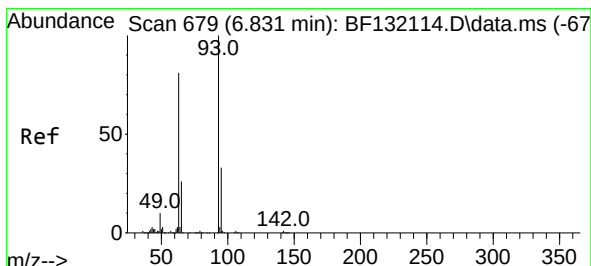
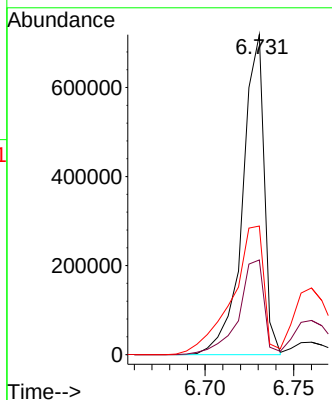
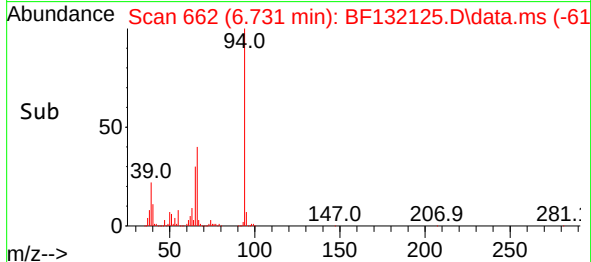
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Tgt Ion: 94 Resp: 609359
Ion Ratio Lower Upper
94 100
65 29.6 12.7 52.7
66 40.2 23.8 63.8

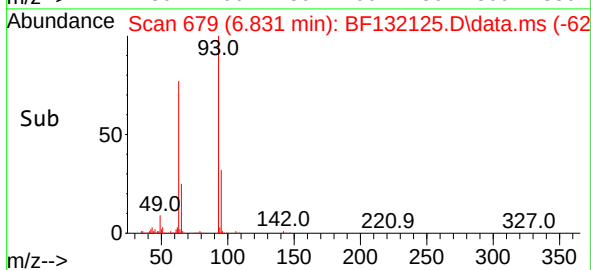
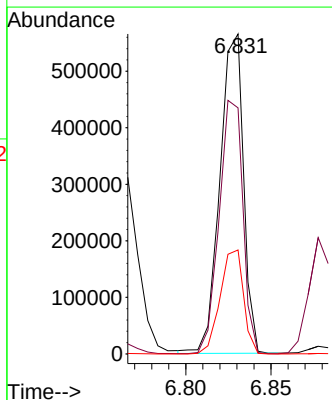
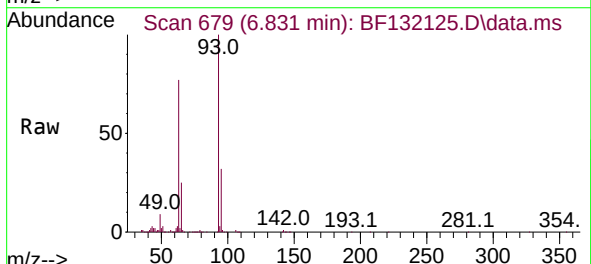
Manual Integrations
APPROVED

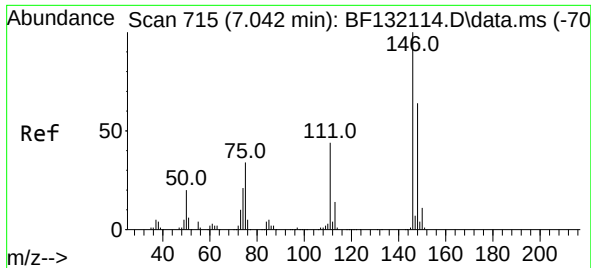
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#11
bis(2-Chloroethyl)ether
Concen: 42.637 ng
RT: 6.831 min Scan# 679
Delta R.T. 0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

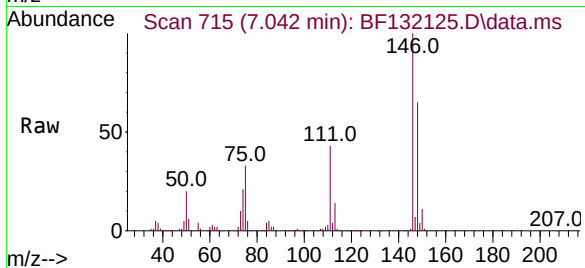
Tgt Ion: 93 Resp: 544108
Ion Ratio Lower Upper
93 100
63 76.9 60.8 100.8
95 32.5 13.1 53.1





#12
1,3-Dichlorobenzene
Concen: 43.099 ng
RT: 7.042 min Scan# 715
Delta R.T. 0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

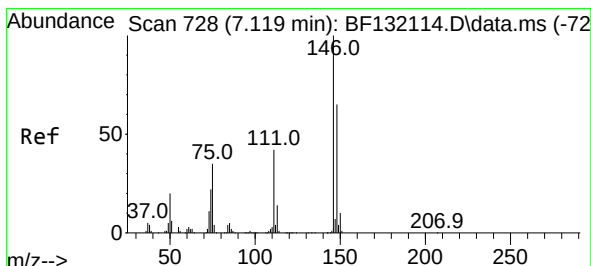
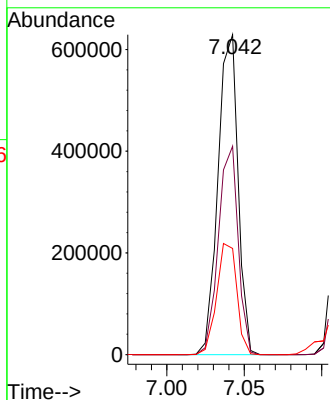
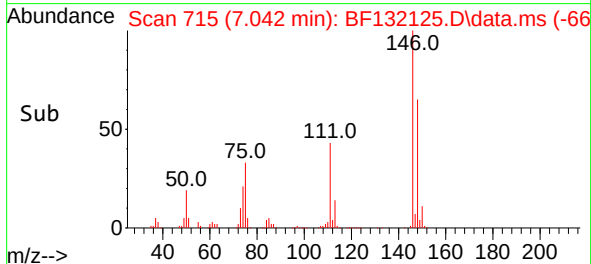
Instrument :
BNA_F
ClientSampleId :
PB150317BS



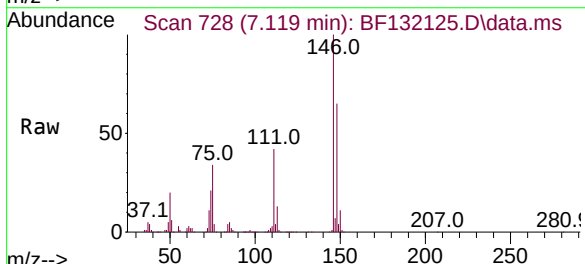
Tgt Ion:146 Resp: 569844
Ion Ratio Lower Upper
146 100
148 65.1 51.5 77.3
75 33.2 27.4 41.2

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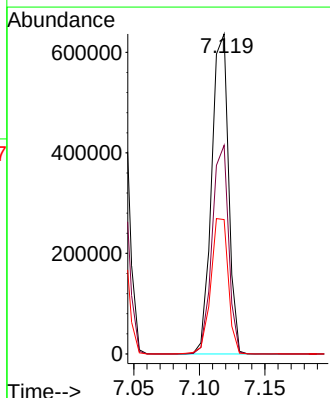
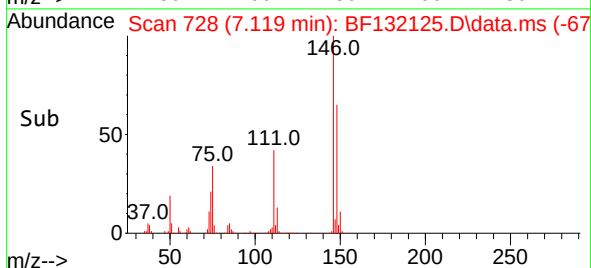
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

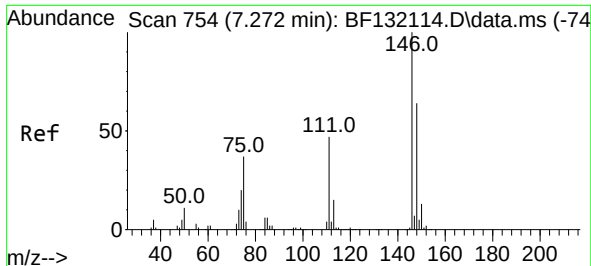


#13
1,4-Dichlorobenzene
Concen: 43.310 ng
RT: 7.119 min Scan# 728
Delta R.T. 0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53



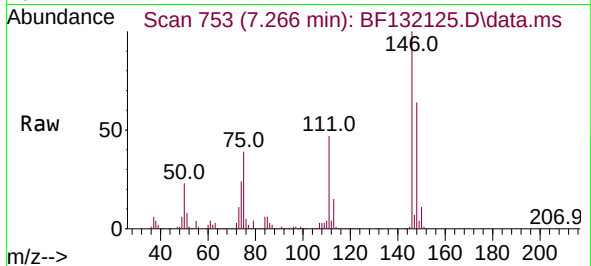
Tgt Ion:146 Resp: 573178
Ion Ratio Lower Upper
146 100
148 65.2 51.8 77.8
111 42.0 33.2 49.8





#14
1,2-Dichlorobenzene
Concen: 43.512 ng
RT: 7.266 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

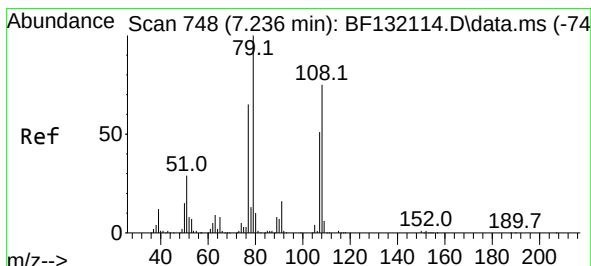
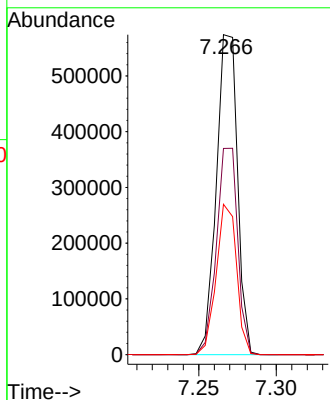
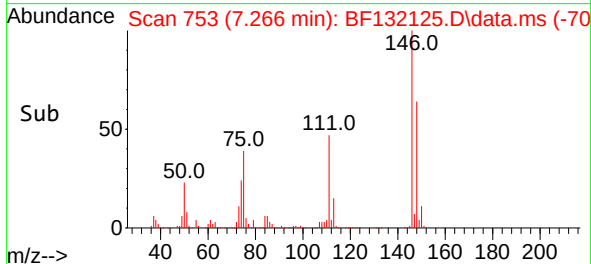
Instrument :
BNA_F
ClientSampleId :
PB150317BS



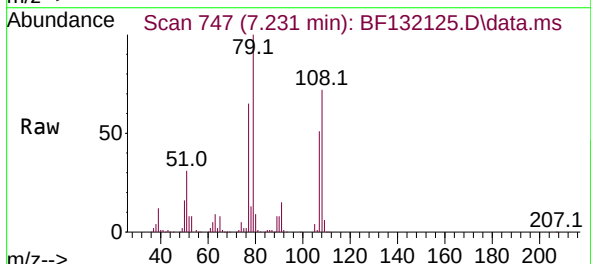
Tgt Ion:146 Resp: 545645
Ion Ratio Lower Upper
146 100
148 64.4 51.5 77.3
111 47.0 37.9 56.9

Manual Integrations
APPROVED

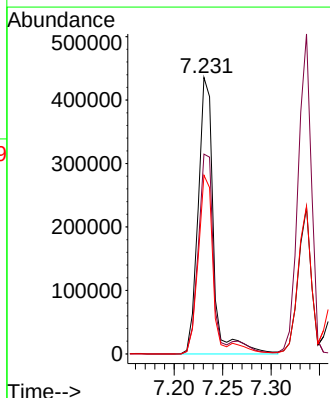
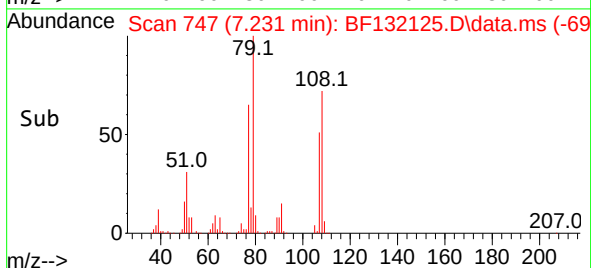
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

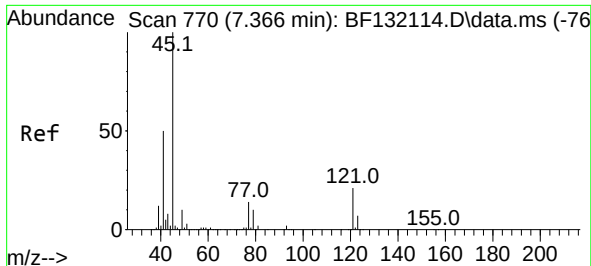


#15
Benzyl Alcohol
Concen: 41.415 ng m
RT: 7.231 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53



Tgt Ion: 79 Resp: 480058
Ion Ratio Lower Upper
79 100
108 72.3 59.7 89.5
77 64.6 51.9 77.9





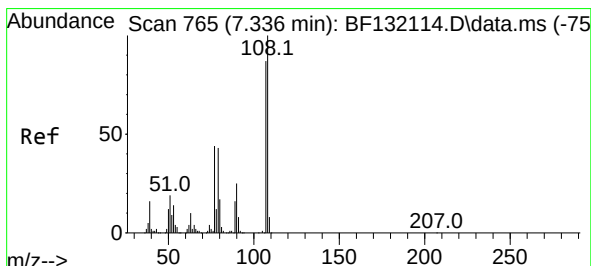
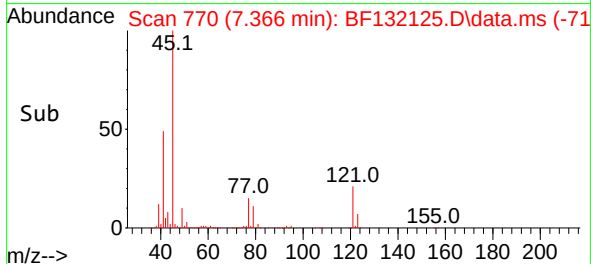
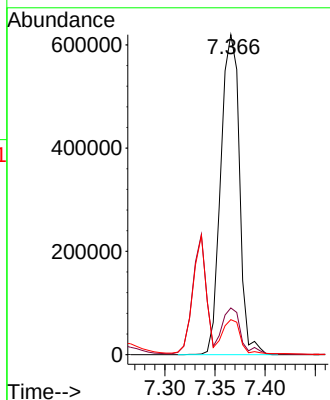
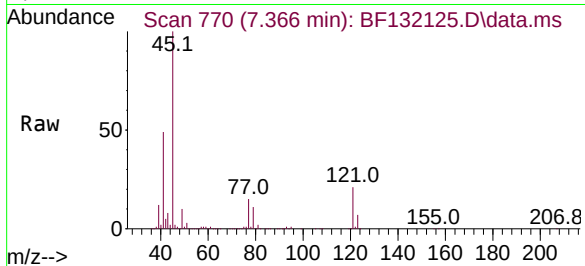
#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.341 ng
RT: 7.366 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

Instrument :
BNA_F
ClientSampleId :
PB150317BS

Tgt Ion: 45 Resp: 804352
Ion Ratio Lower Upper
45 100
77 14.6 0.0 34.1
79 10.9 0.0 30.5

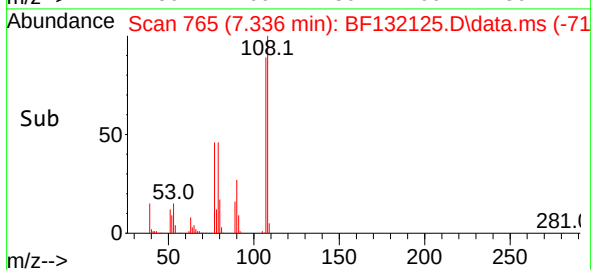
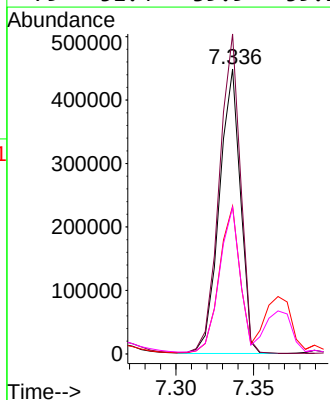
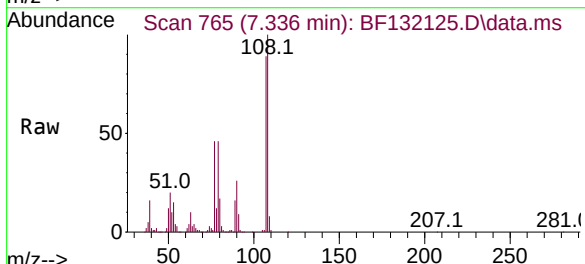
Manual Integrations
APPROVED

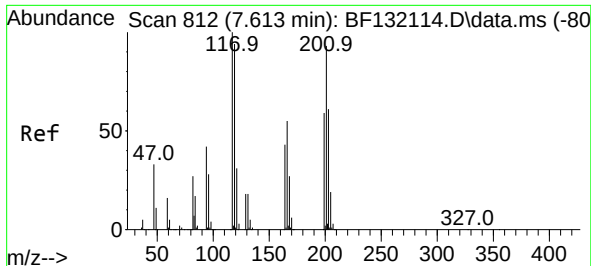
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#17
2-Methylphenol
Concen: 39.150 ng
RT: 7.336 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

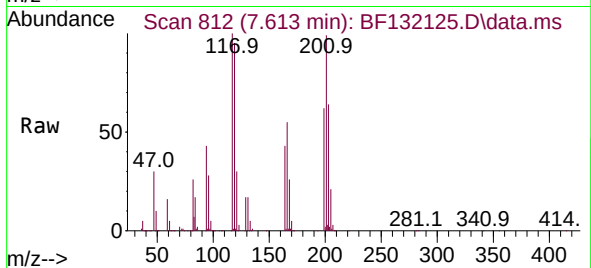
Tgt Ion:107 Resp: 423334
Ion Ratio Lower Upper
107 100
108 112.3 91.7 137.5
77 51.9 40.6 60.8
79 51.4 39.9 59.9





#18
Hexachloroethane
Concen: 45.294 ng
RT: 7.613 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

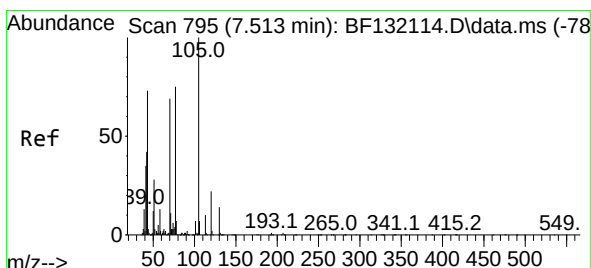
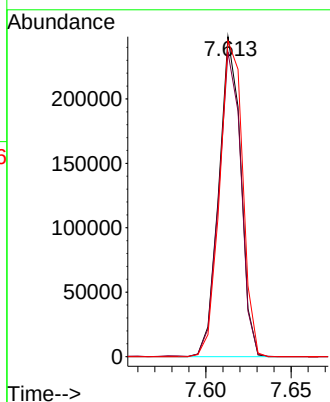
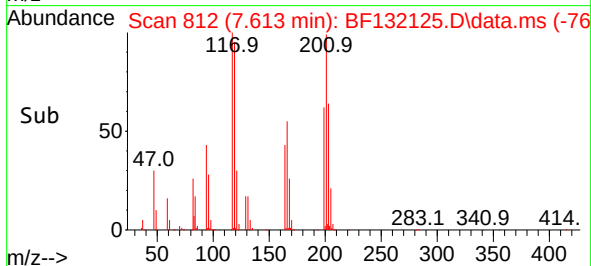
Instrument :
BNA_F
ClientSampleId :
PB150317BS



Tgt Ion:117 Resp: 220930
Ion Ratio Lower Upper
117 100
119 95.1 75.5 113.3
201 98.6 74.0 111.0

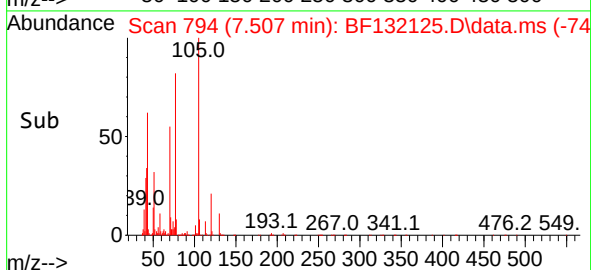
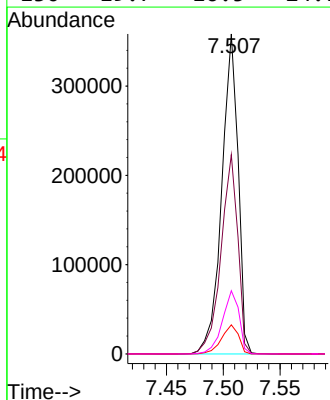
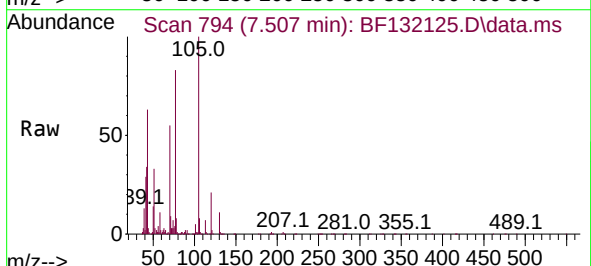
Manual Integrations
APPROVED

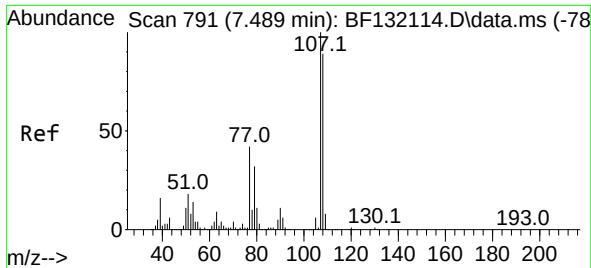
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#19
n-Nitroso-di-n-propylamine
Concen: 38.948 ng
RT: 7.507 min Scan# 794
Delta R.T. -0.006 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

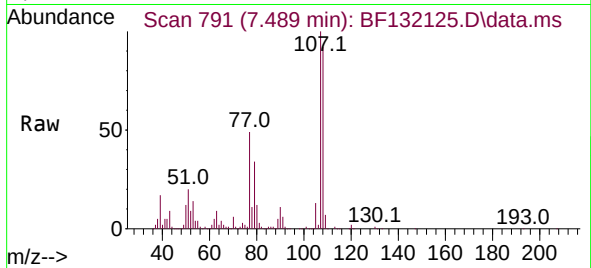
Tgt Ion: 70 Resp: 357088
Ion Ratio Lower Upper
70 100
42 62.2 48.5 72.7
101 9.1 7.8 11.8
130 19.7 16.5 24.7





#20
3+4-Methylphenols
Concen: 38.863 ng
RT: 7.489 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

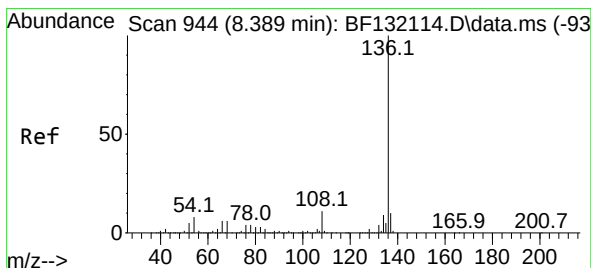
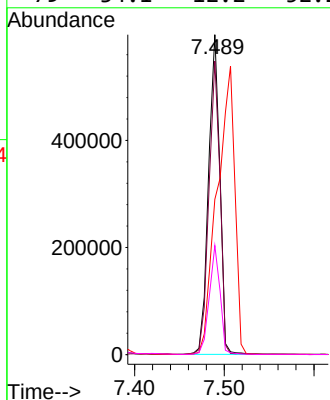
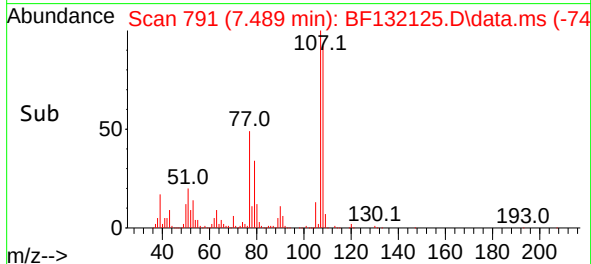
Instrument :
BNA_F
ClientSampleId :
PB150317BS



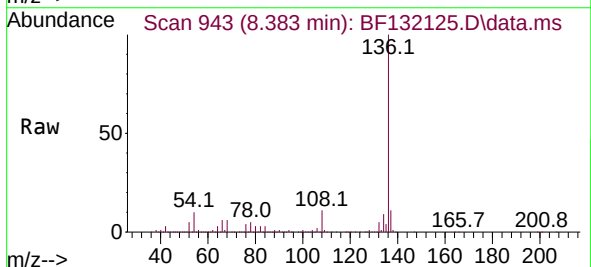
Tgt Ion:	107	Resp:	521596
Ion Ratio	Lower	Upper	
107	100		
108	91.7	68.9	108.9
77	48.5	22.4	62.4
79	34.1	12.2	52.2

Manual Integrations
APPROVED

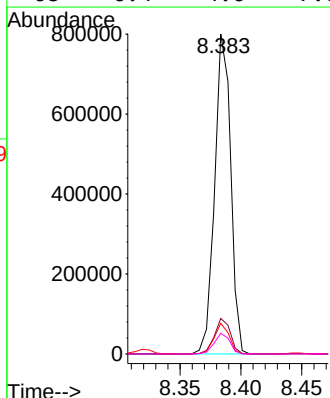
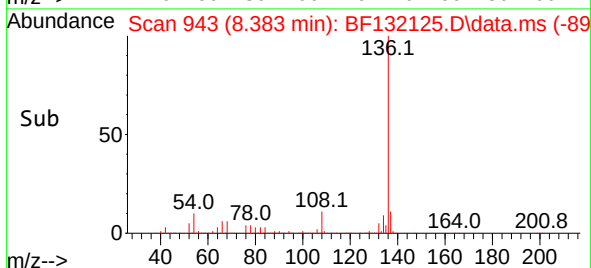
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

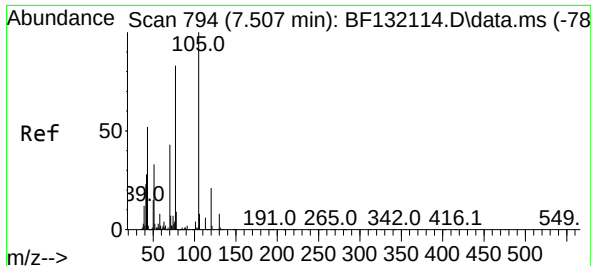


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.383 min Scan# 943
Delta R.T. -0.006 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53



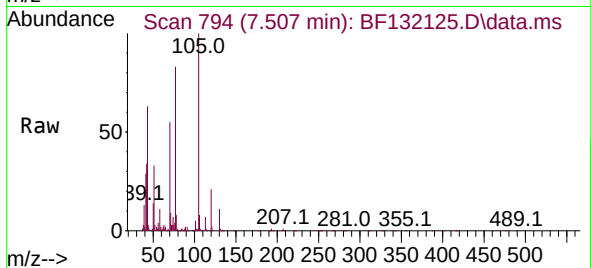
Tgt Ion:	136	Resp:	730996
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.4	12.6
54	9.6	6.6	10.0
68	6.4	4.6	7.0





#22
Acetophenone
Concen: 40.379 ng
RT: 7.507 min Scan# 794
Delta R.T. -0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

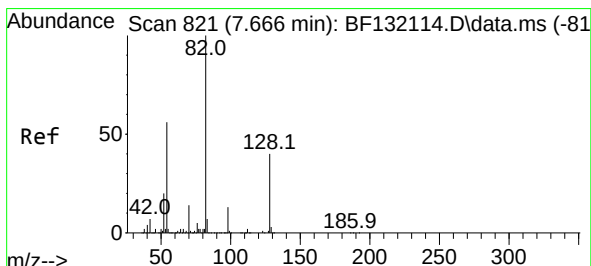
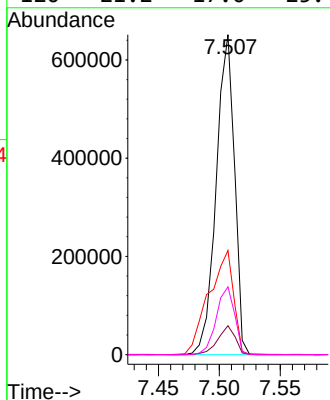
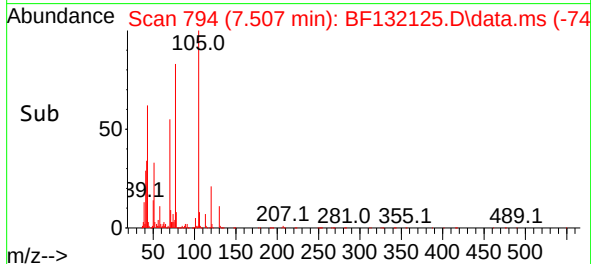
Instrument :
BNA_F
ClientSampleId :
PB150317BS



Tgt Ion: 105 Resp: 680887
Ion Ratio Lower Upper
105 100
71 9.0 6.0 9.0
51 32.6 26.6 39.8
120 21.2 17.0 25.4

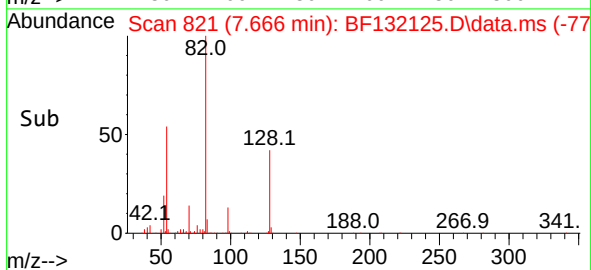
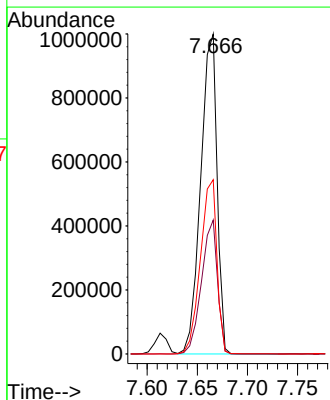
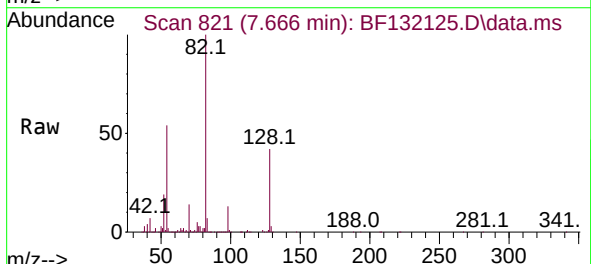
Manual Integrations
APPROVED

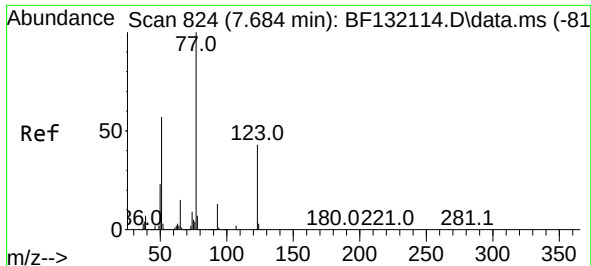
Reviewed By : Christian Giraldo 01/19/2023
Supervised By : Jagrut Upadhyay 01/19/2023



#23
Nitrobenzene-d5
Concen: 82.113 ng
RT: 7.666 min Scan# 821
Delta R.T. -0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

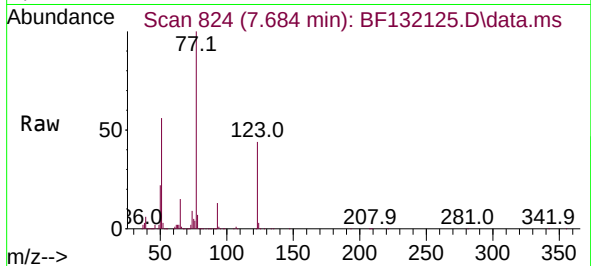
Tgt Ion: 82 Resp: 1130817
Ion Ratio Lower Upper
82 100
128 41.8 32.0 48.0
54 54.4 45.1 67.7





#24
Nitrobenzene
Concen: 40.399 ng
RT: 7.684 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

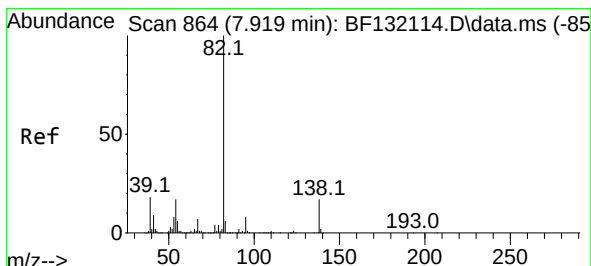
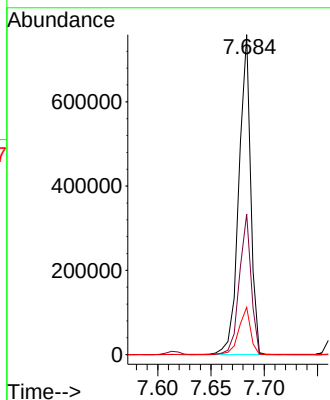
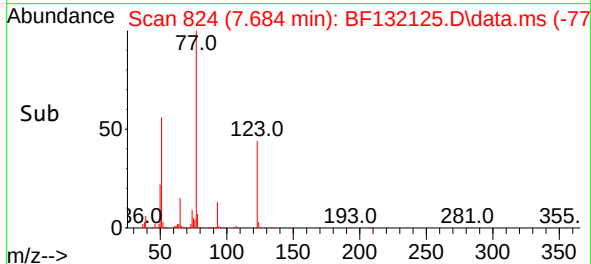
Instrument :
BNA_F
ClientSampleId :
PB150317BS



Tgt Ion: 77 Resp: 582556
Ion Ratio Lower Upper
77 100
123 43.9 34.6 52.0
65 14.8 11.8 17.8

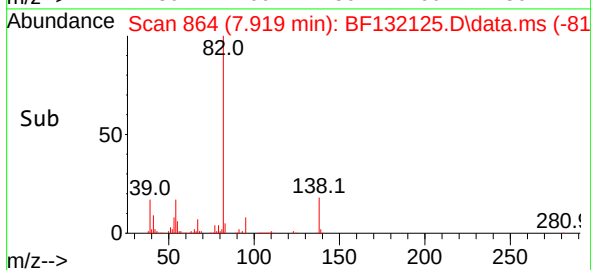
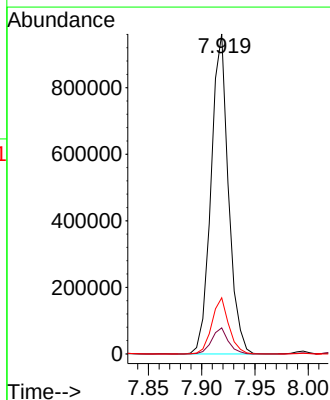
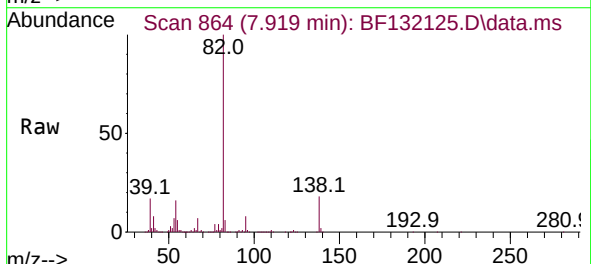
Manual Integrations
APPROVED

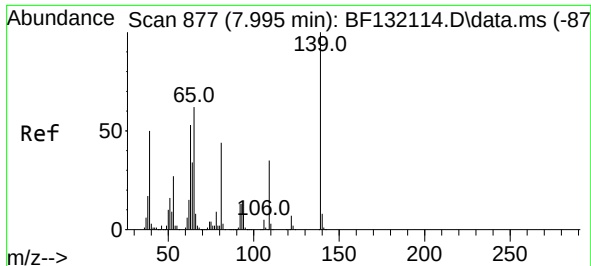
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#25
Isophorone
Concen: 39.680 ng
RT: 7.919 min Scan# 864
Delta R.T. 0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

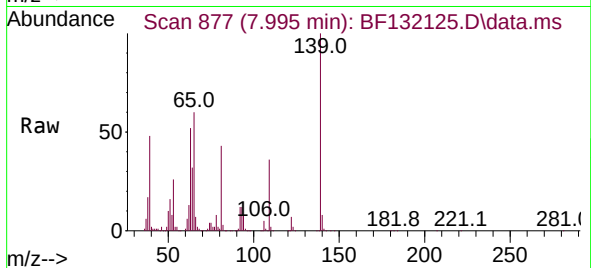
Tgt Ion: 82 Resp: 1093405
Ion Ratio Lower Upper
82 100
95 8.1 6.3 9.5
138 17.5 13.4 20.2





#26
2-Nitrophenol
Concen: 45.301 ng
RT: 7.995 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

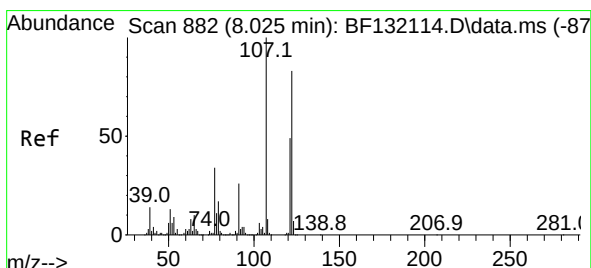
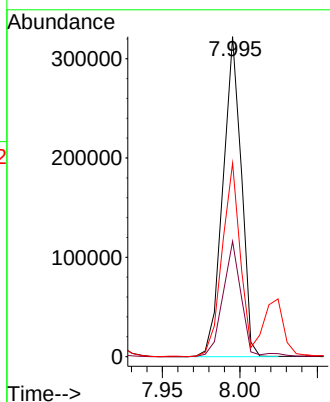
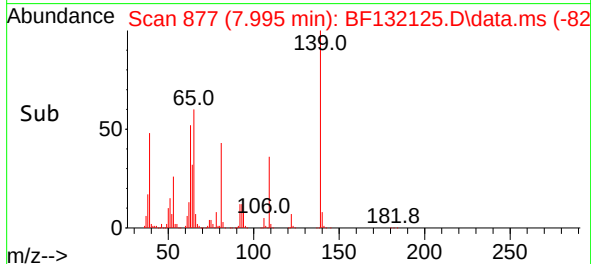
Instrument :
BNA_F
ClientSampleId :
PB150317BS



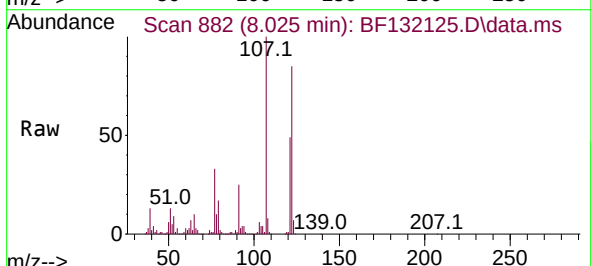
Tgt Ion:139 Resp: 266162
Ion Ratio Lower Upper
139 100
109 36.1 28.3 42.5
65 60.5 49.6 74.4

Manual Integrations
APPROVED

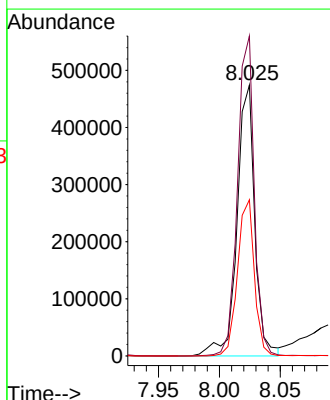
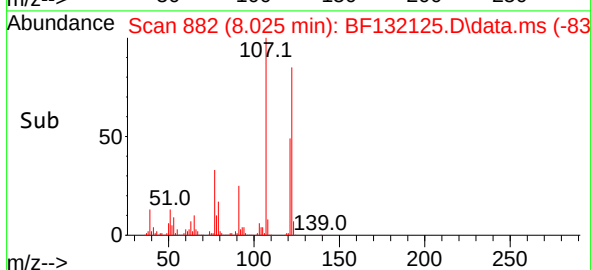
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

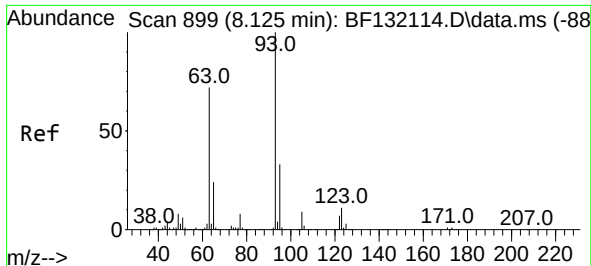


#27
2,4-Dimethylphenol
Concen: 41.216 ng
RT: 8.025 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53



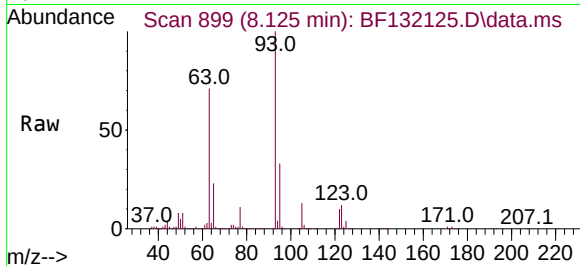
Tgt Ion:122 Resp: 482776
Ion Ratio Lower Upper
122 100
107 118.2 96.1 144.1
121 57.7 47.2 70.8





#28
bis(2-Chloroethoxy)methane
Concen: 39.354 ng
RT: 8.125 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

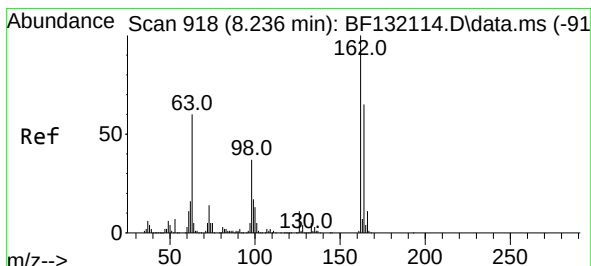
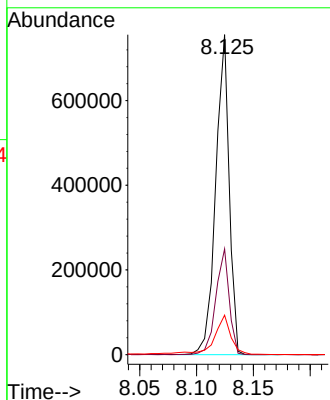
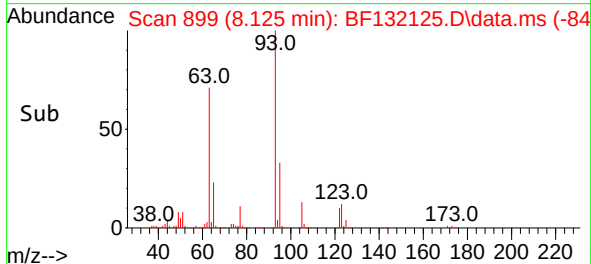
Instrument :
BNA_F
ClientSampleId :
PB150317BS



Tgt Ion: 93 Resp: 621860
Ion Ratio Lower Upper
93 100
95 33.0 26.7 40.1
123 12.3 9.4 14.0

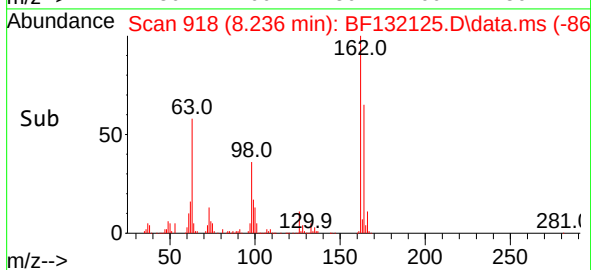
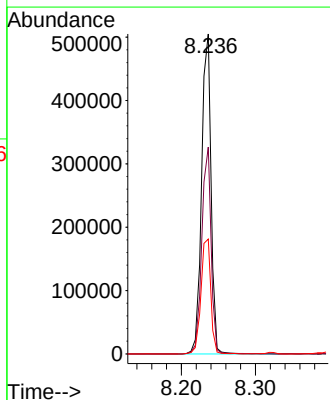
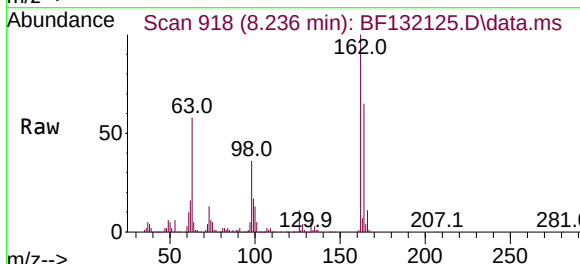
Manual Integrations
APPROVED

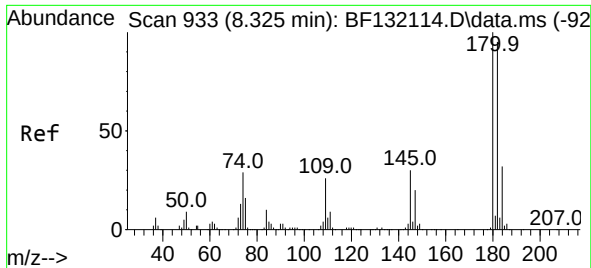
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#29
2,4-Dichlorophenol
Concen: 40.699 ng
RT: 8.236 min Scan# 918
Delta R.T. -0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

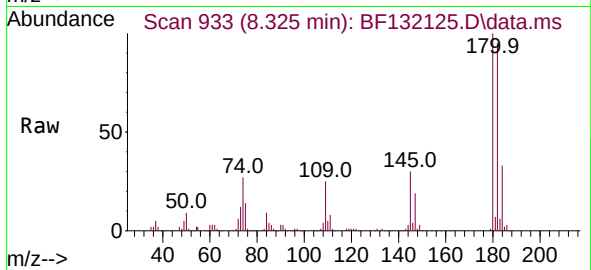
Tgt Ion:162 Resp: 446729
Ion Ratio Lower Upper
162 100
164 64.6 45.1 85.1
98 35.9 16.8 56.8





#30
1,2,4-Trichlorobenzene
Concen: 41.686 ng
RT: 8.325 min Scan# 933
Delta R.T. 0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

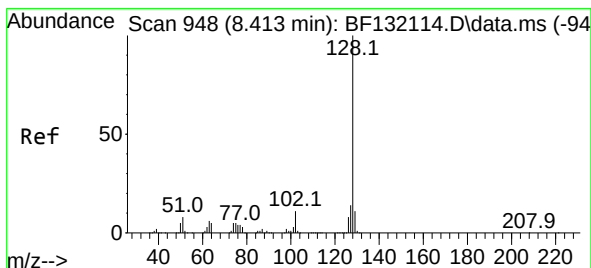
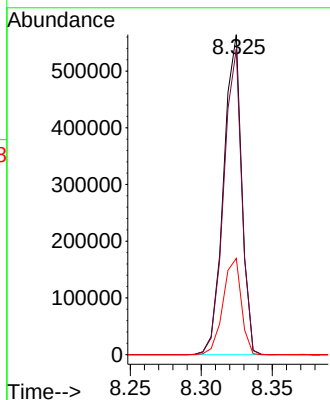
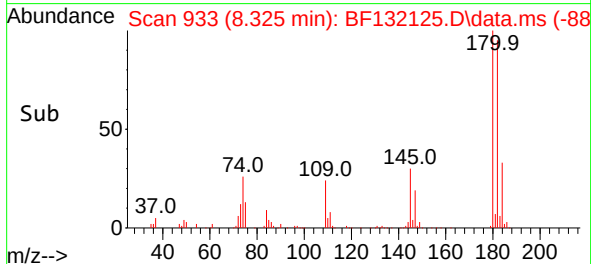
Instrument :
BNA_F
ClientSampleId :
PB150317BS



Tgt Ion:180 Resp: 500010
Ion Ratio Lower Upper
180 100
182 95.5 75.9 113.9
145 30.1 24.3 36.5

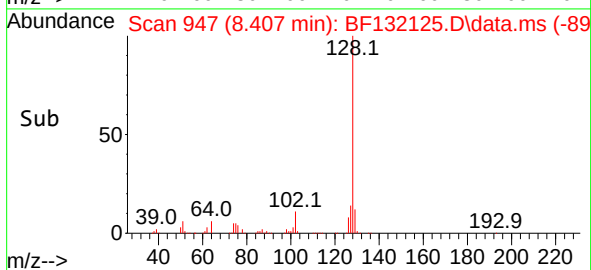
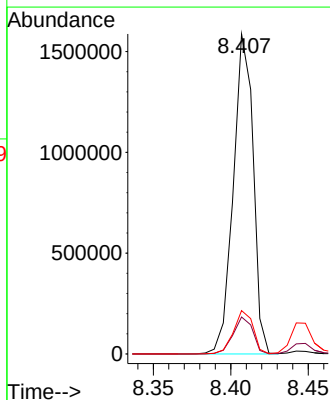
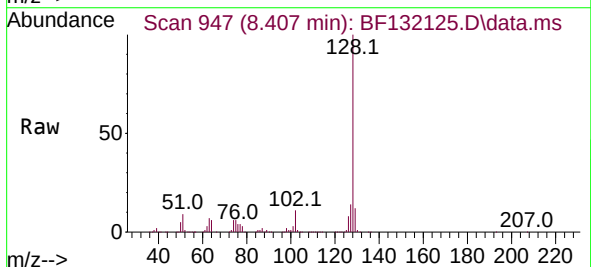
Manual Integrations
APPROVED

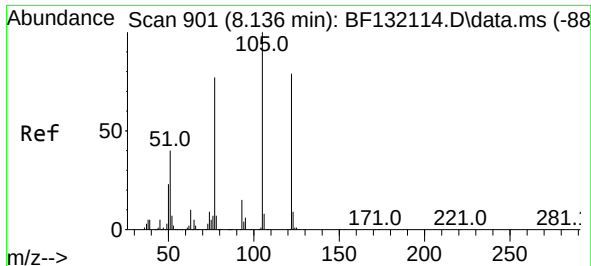
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#31
Naphthalene
Concen: 39.445 ng
RT: 8.407 min Scan# 947
Delta R.T. -0.006 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

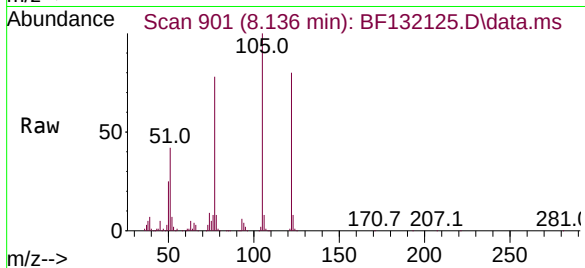
Tgt Ion:128 Resp: 1415702
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.5 10.8 16.2





#32
Benzoic acid
Concen: 42.912 ng
RT: 8.136 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

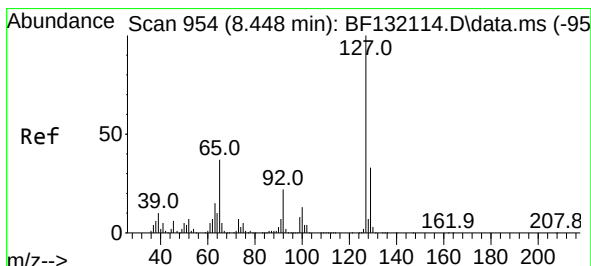
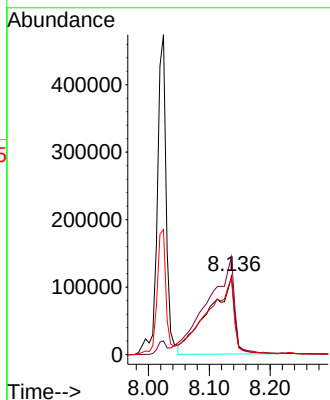
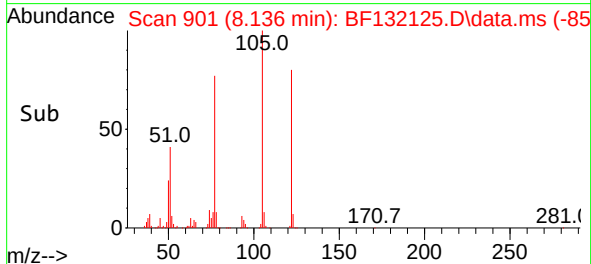
Instrument :
BNA_F
ClientSampleId :
PB150317BS



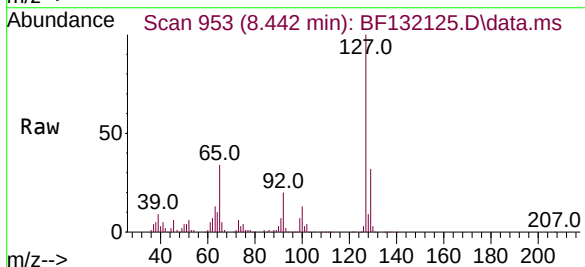
Tgt Ion:122 Resp: 345300
Ion Ratio Lower Upper
122 100
105 125.2 106.2 146.2
77 98.1 77.3 117.3

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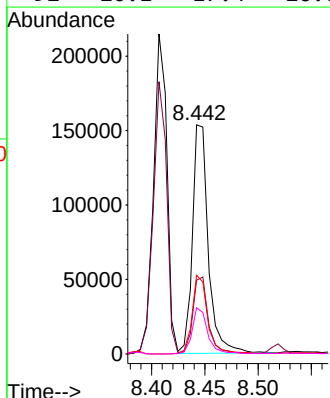
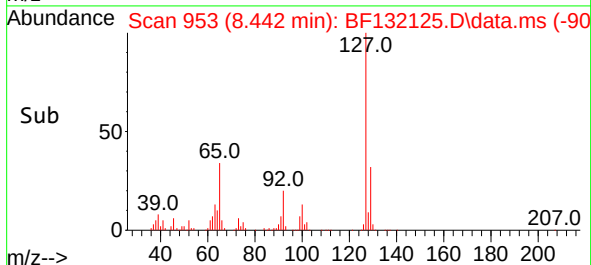
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

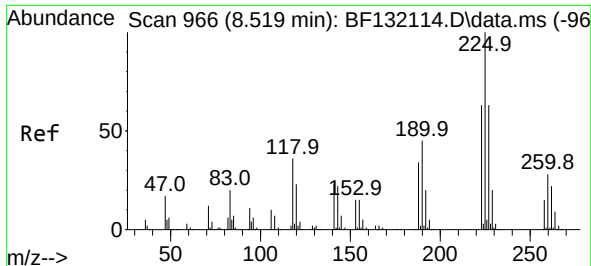


#33
4-Chloroaniline
Concen: 10.056 ng
RT: 8.442 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53



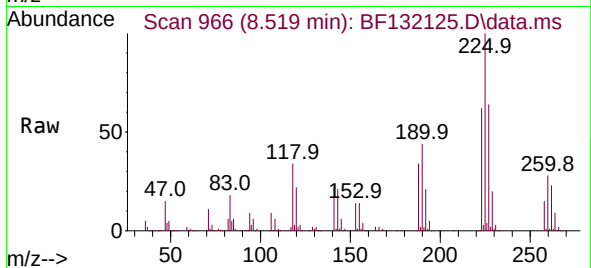
Tgt Ion:127 Resp: 158466
Ion Ratio Lower Upper
127 100
129 32.1 26.1 39.1
65 34.3 29.7 44.5
92 20.1 17.4 26.0





#34
Hexachlorobutadiene
Concen: 42.879 ng
RT: 8.519 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

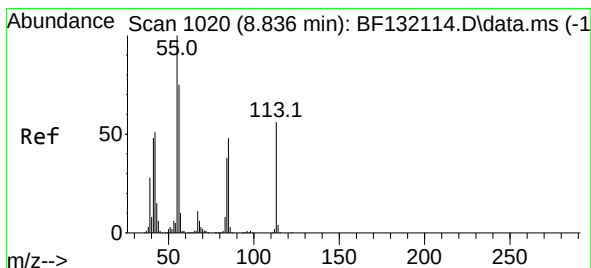
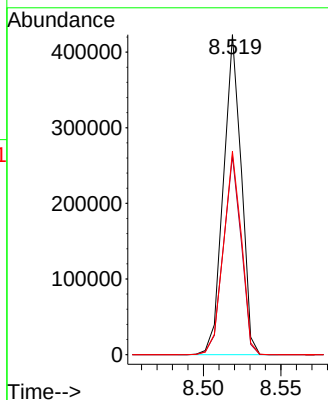
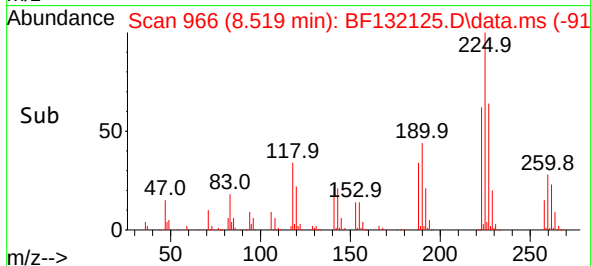
Instrument :
BNA_F
ClientSampleId :
PB150317BS



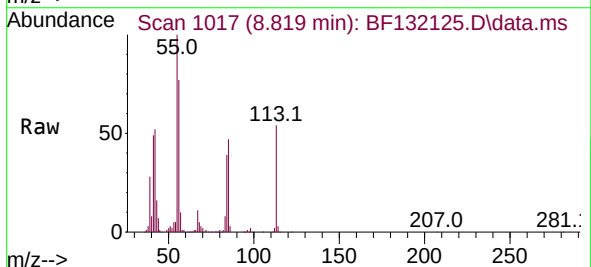
Tgt Ion:225 Resp: 339172
Ion Ratio Lower Upper
225 100
223 62.2 50.6 76.0
227 63.5 50.1 75.1

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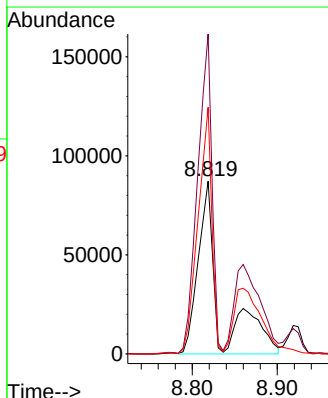
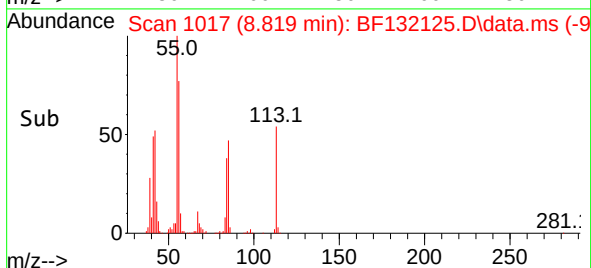
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

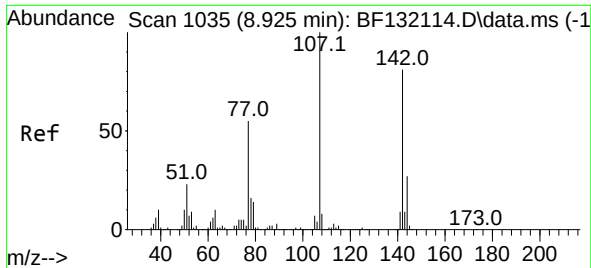


#35
Caprolactam
Concen: 42.706 ng m
RT: 8.819 min Scan# 1017
Delta R.T. -0.018 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53



Tgt Ion:113 Resp: 152320
Ion Ratio Lower Upper
113 100
55 185.2 159.1 199.1
56 142.7 115.0 155.0





#36
4-Chloro-3-methylphenol
Concen: 41.184 ng
RT: 8.919 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

Instrument :

BNA_F

ClientSampleId :

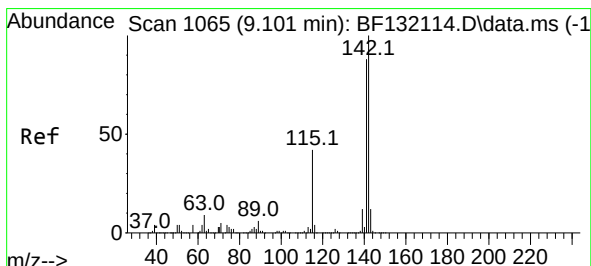
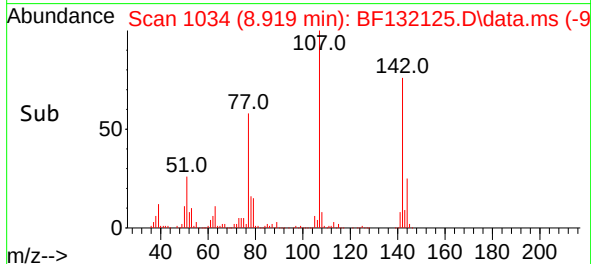
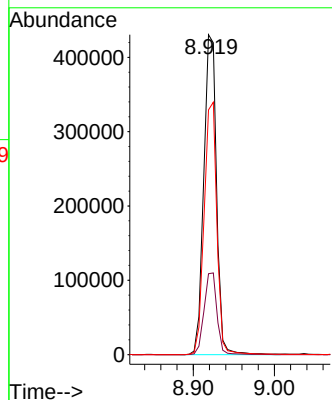
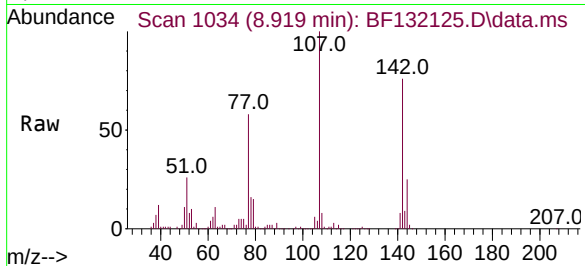
PB150317BS

Tgt Ion:107 Resp: 471366
Ion Ratio Lower Upper
107 100
144 25.3 21.4 32.0
142 76.5 64.6 97.0

Manual Integrations

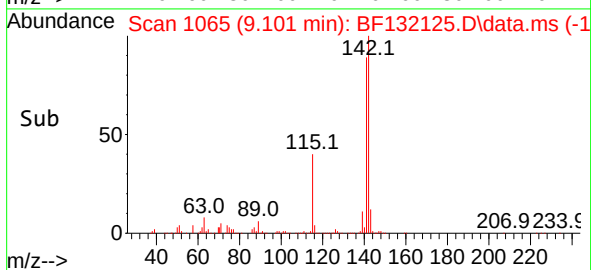
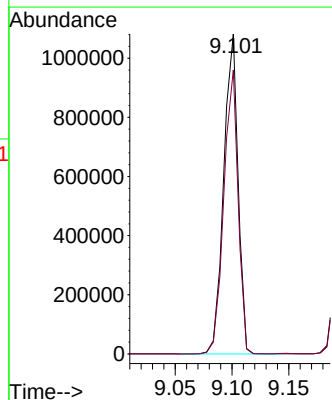
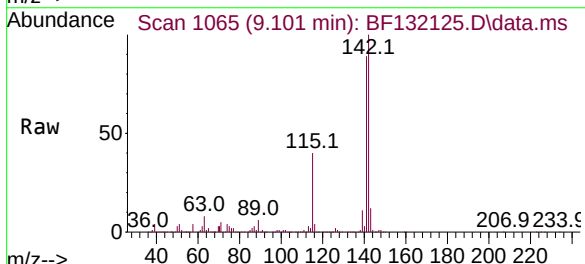
APPROVED

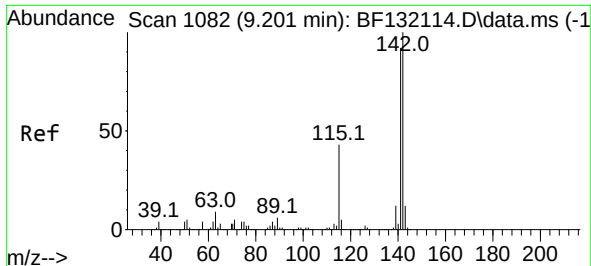
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#37
2-Methylnaphthalene
Concen: 37.949 ng
RT: 9.101 min Scan# 1065
Delta R.T. 0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

Tgt Ion:142 Resp: 948444
Ion Ratio Lower Upper
142 100
141 88.7 70.8 106.2





#38
1-Methylnaphthalene
Concen: 37.872 ng
RT: 9.201 min Scan# 1082
Delta R.T. 0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

Instrument :

BNA_F

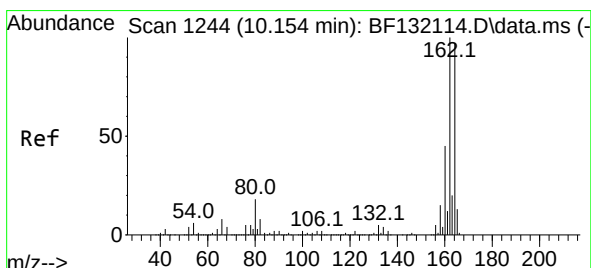
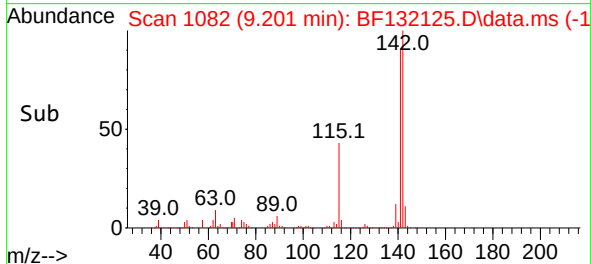
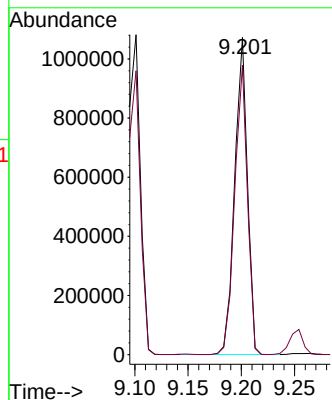
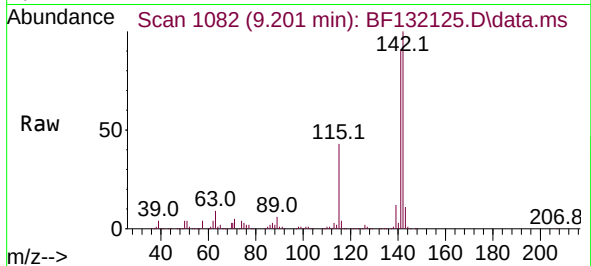
ClientSampleId :

PB150317BS

Tgt Ion:142 Resp: 889313
Ion Ratio Lower Upper
142 100
141 91.2 73.4 110.0

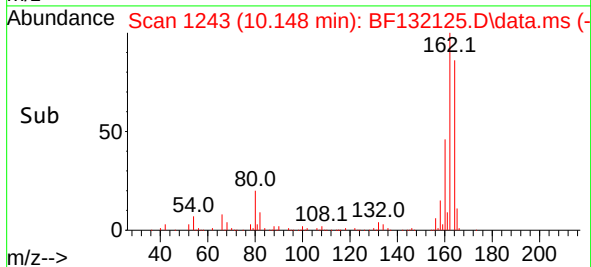
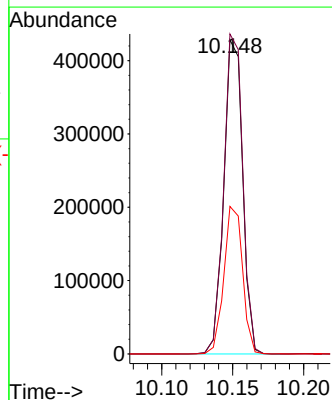
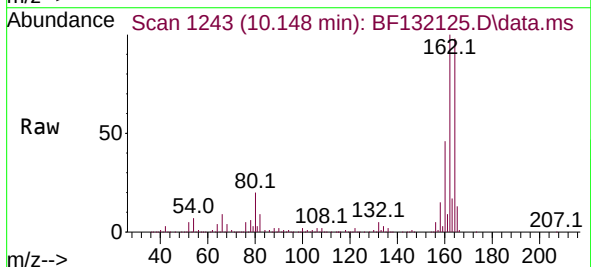
Manual Integrations
APPROVED

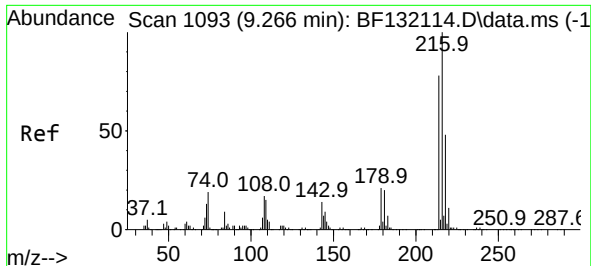
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.148 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

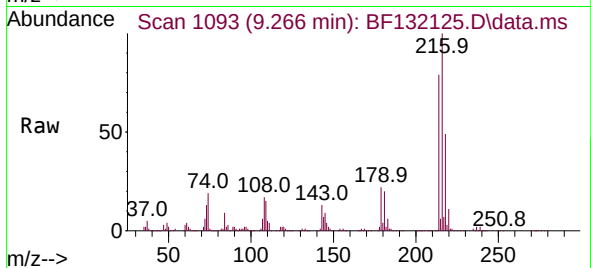
Tgt Ion:164 Resp: 395104
Ion Ratio Lower Upper
164 100
162 101.9 82.3 123.5
160 47.0 37.3 55.9





#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.406 ng
RT: 9.266 min Scan# 1093
Delta R.T. 0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

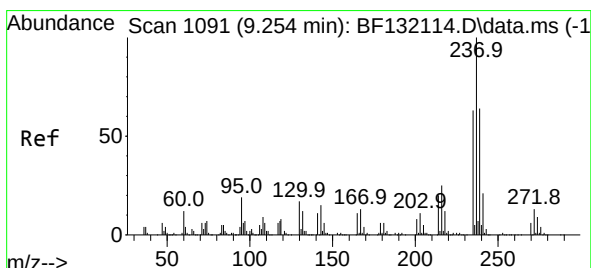
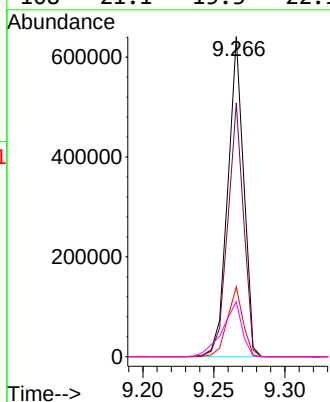
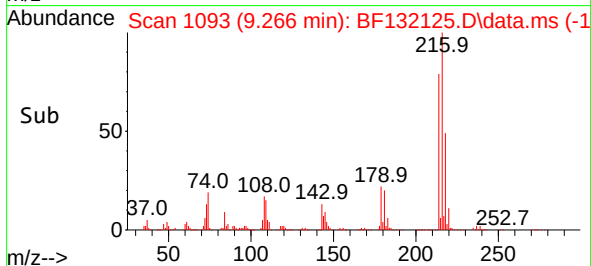
Instrument :
BNA_F
ClientSampleId :
PB150317BS



Tgt Ion:216 Resp: 500421
Ion Ratio Lower Upper
216 100
214 78.6 62.8 94.2
179 21.2 16.8 25.2
108 21.1 15.3 22.9

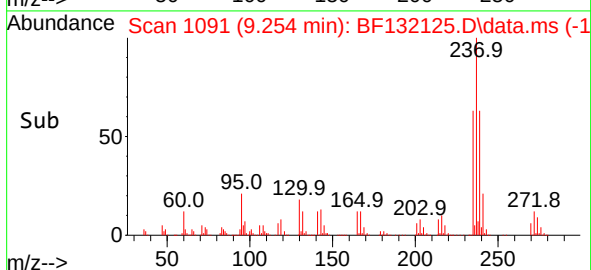
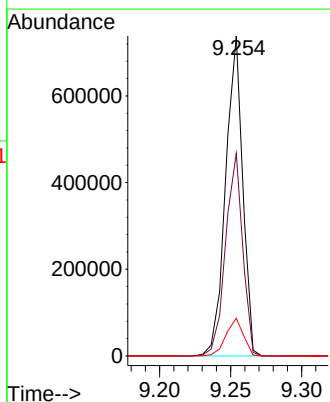
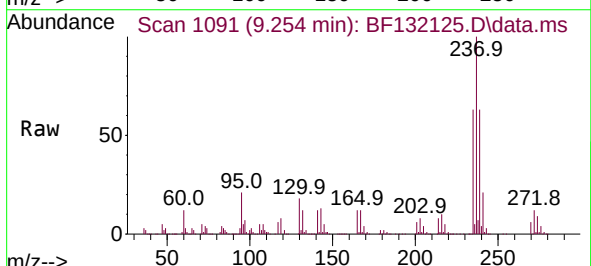
Manual Integrations
APPROVED

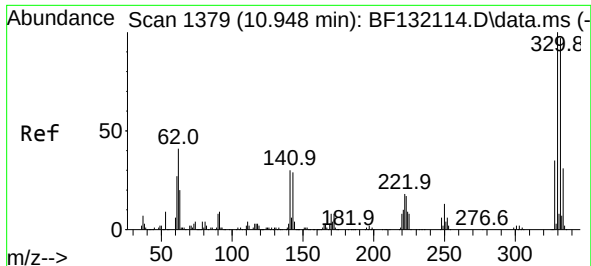
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#41
Hexachlorocyclopentadiene
Concen: 91.515 ng
RT: 9.254 min Scan# 1091
Delta R.T. -0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

Tgt Ion:237 Resp: 617586
Ion Ratio Lower Upper
237 100
235 63.3 43.2 83.2
272 11.8 0.0 32.6





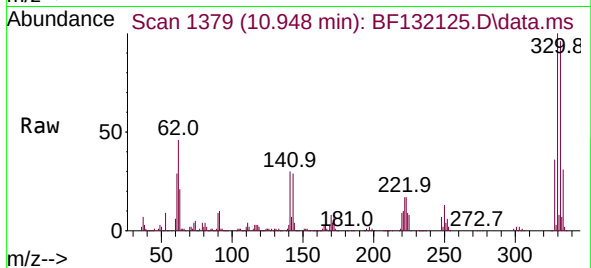
#42
2,4,6-Tribromophenol
Concen: 122.624 ng
RT: 10.948 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

Instrument :

BNA_F

ClientSampleId :

PB150317BS

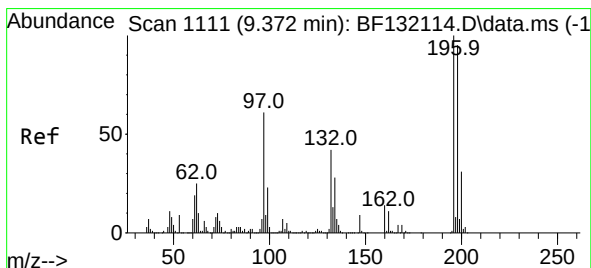
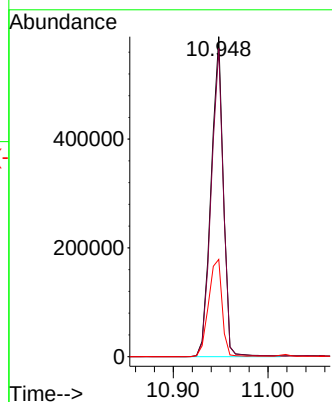
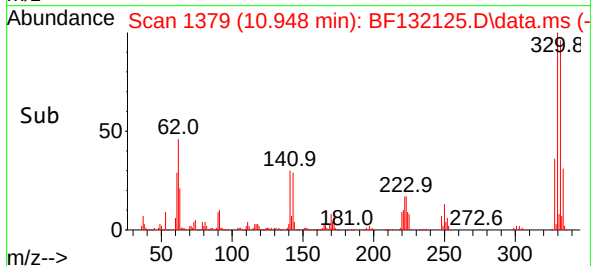


Tgt Ion:330 Resp: 530097
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 33.7 28.2 42.4

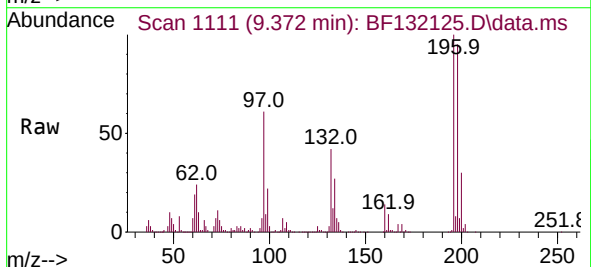
Manual Integrations

APPROVED

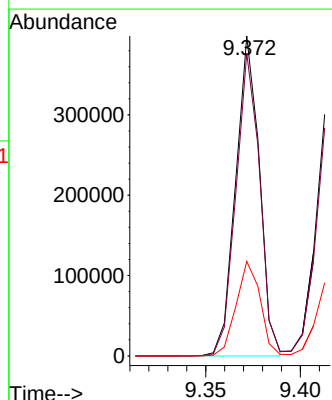
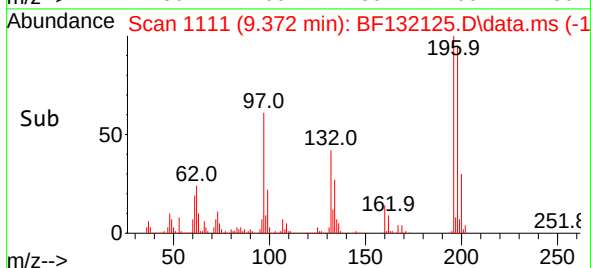
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

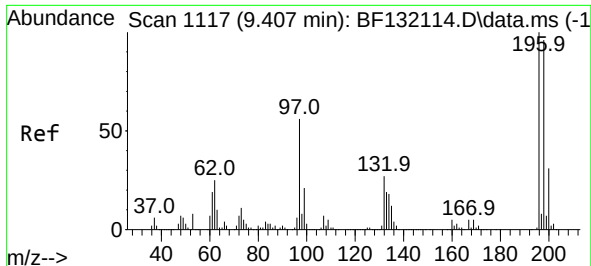


#43
2,4,6-Trichlorophenol
Concen: 42.383 ng
RT: 9.372 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53



Tgt Ion:196 Resp: 345911
Ion Ratio Lower Upper
196 100
198 94.6 76.3 114.5
200 29.5 24.6 36.8





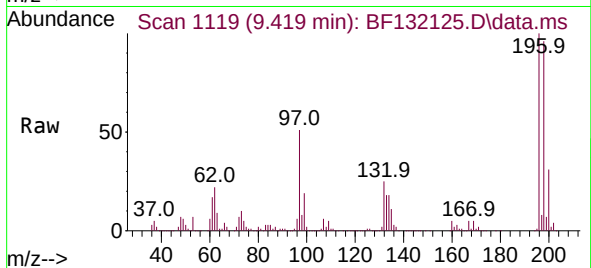
#44
2,4,5-Trichlorophenol
Concen: 39.407 ng
RT: 9.419 min Scan# 1119
Delta R.T. 0.012 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

Instrument :

BNA_F

ClientSampleId :

PB150317BS

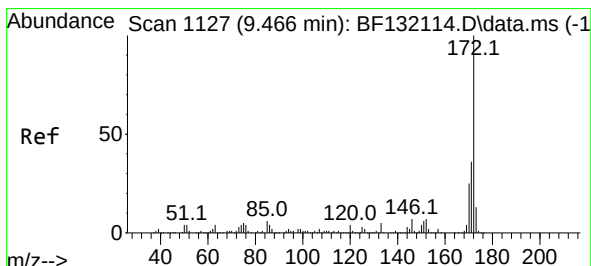
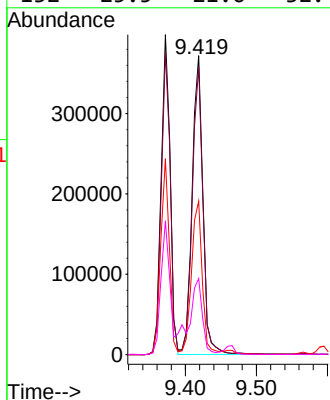
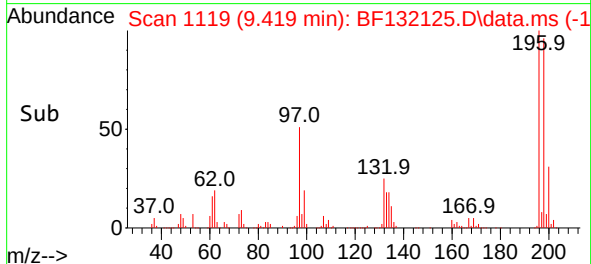


Tgt Ion:196 Resp: 393024
Ion Ratio Lower Upper
196 100
198 96.2 76.5 114.7
97 51.3 44.8 67.2
132 25.5 21.6 32.4

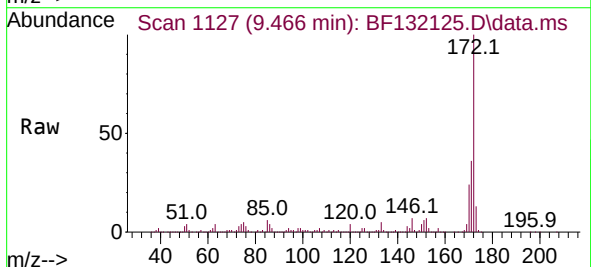
Manual Integrations

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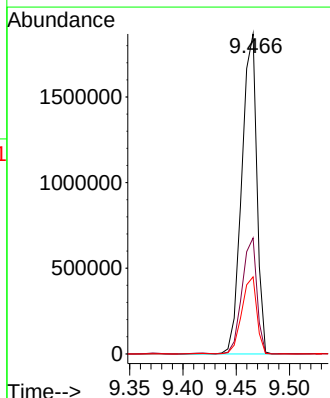
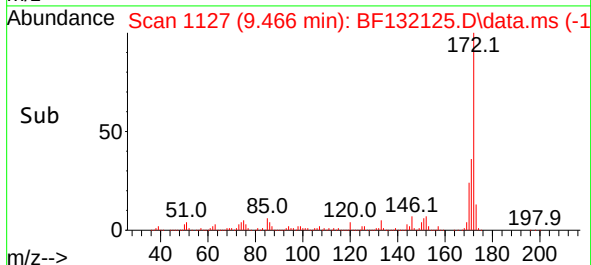
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

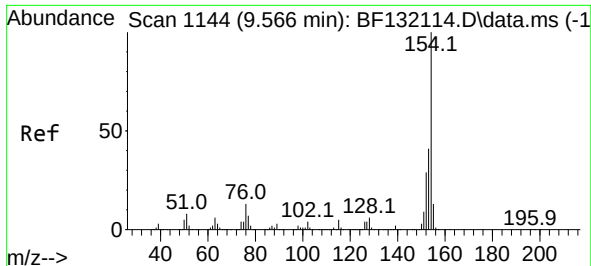


#45
2-Fluorobiphenyl
Concen: 80.316 ng
RT: 9.466 min Scan# 1127
Delta R.T. -0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53



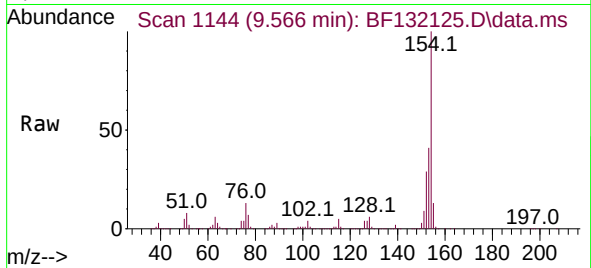
Tgt Ion:172 Resp: 1823848
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 24.1 19.7 29.5





#46
1,1'-Biphenyl
Concen: 39.207 ng
RT: 9.566 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

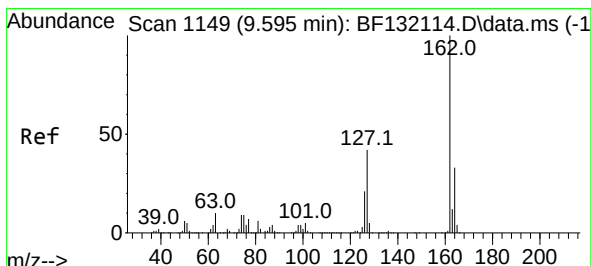
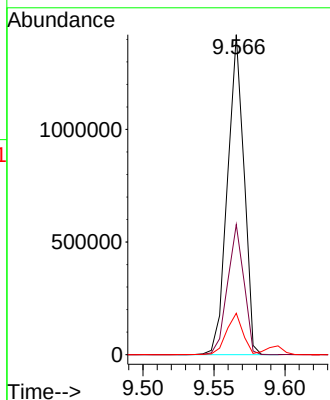
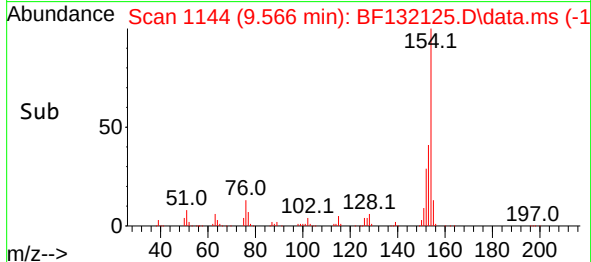
Instrument :
BNA_F
ClientSampleId :
PB150317BS



Tgt Ion:154 Resp: 1143715
Ion Ratio Lower Upper
154 100
153 40.6 21.0 61.0
76 12.9 0.0 32.9

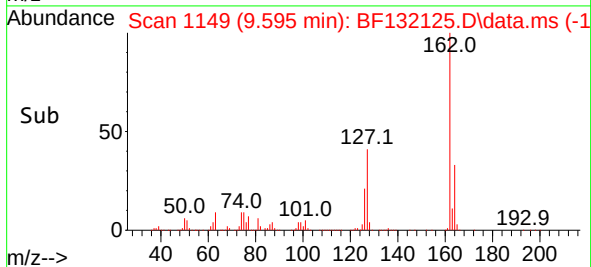
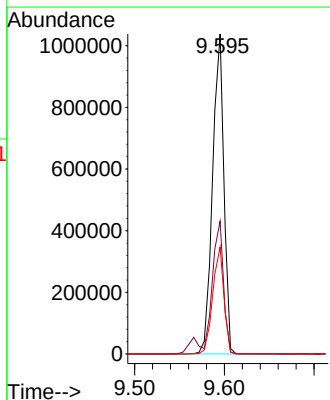
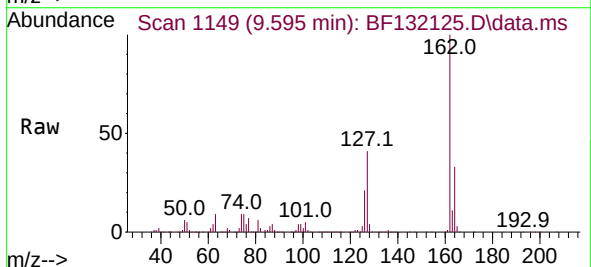
Manual Integrations
APPROVED

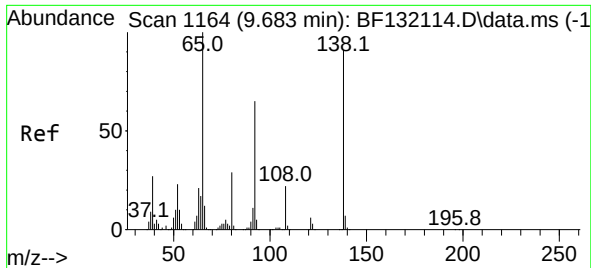
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#47
2-Chloronaphthalene
Concen: 40.156 ng
RT: 9.595 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

Tgt Ion:162 Resp: 914018
Ion Ratio Lower Upper
162 100
127 41.5 33.8 50.8
164 33.4 26.5 39.7





#48
2-Nitroaniline
Concen: 40.615 ng
RT: 9.683 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

Instrument :

BNA_F

ClientSampleId :

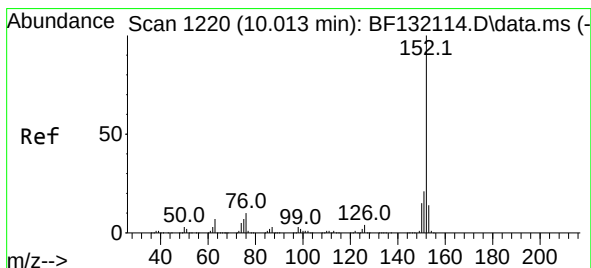
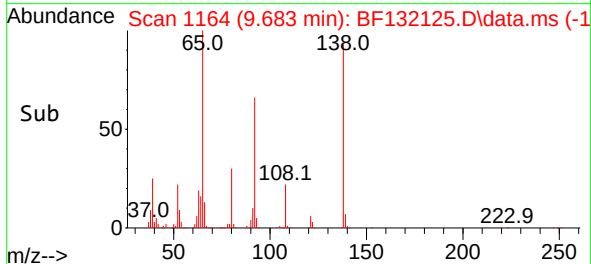
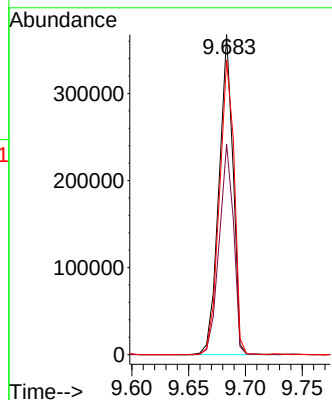
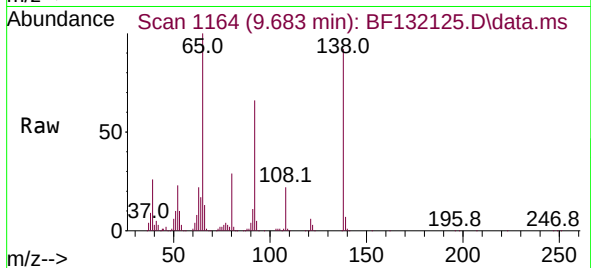
PB150317BS

Tgt Ion: 65 Resp: 315156
Ion Ratio Lower Upper
65 100
92 65.8 51.9 77.9
138 91.9 72.6 109.0

Manual Integrations

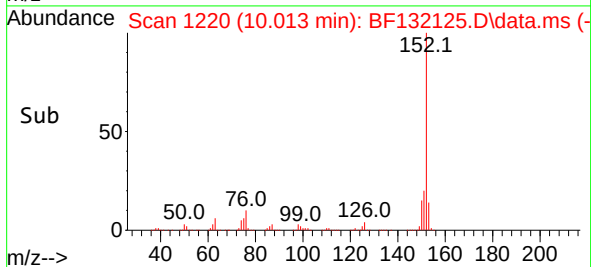
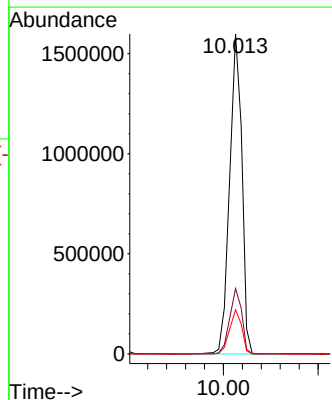
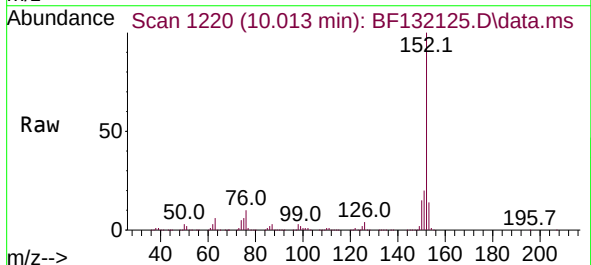
APPROVED

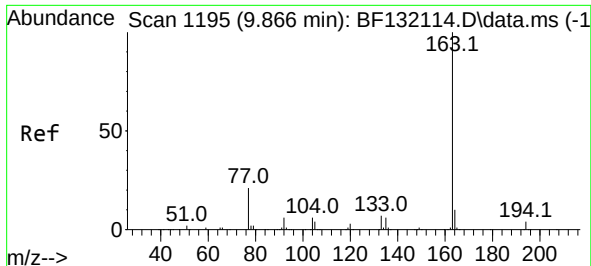
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#49
Acenaphthylene
Concen: 38.748 ng
RT: 10.013 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

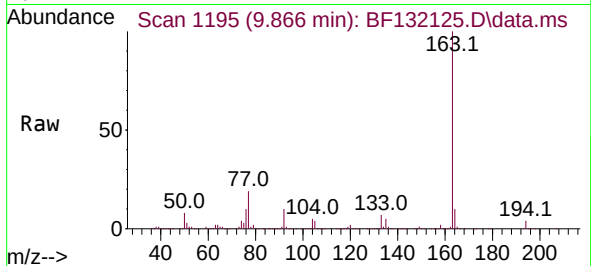
Tgt Ion:152 Resp: 1429192
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1
153 13.8 11.0 16.4





#50
Dimethylphthalate
Concen: 39.186 ng
RT: 9.866 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

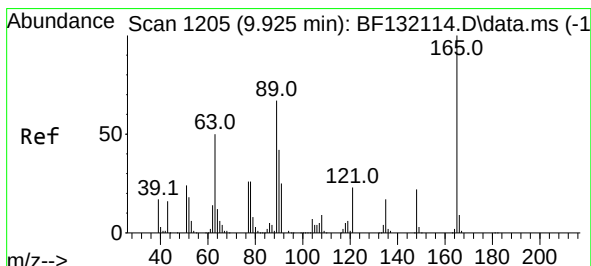
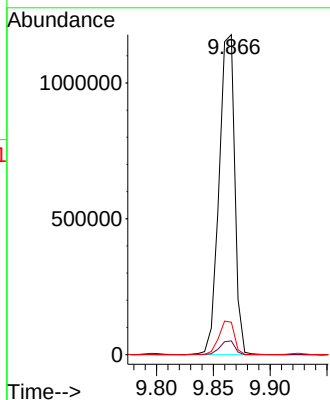
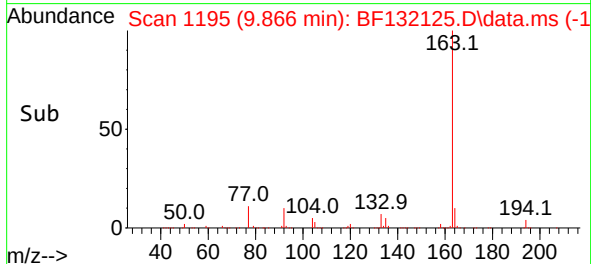
Instrument :
BNA_F
ClientSampleId :
PB150317BS



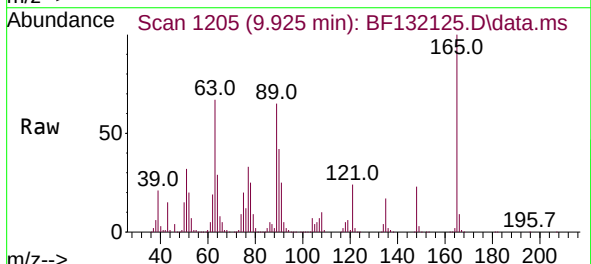
Tgt Ion:163 Resp: 1125513
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.1 8.3 12.5

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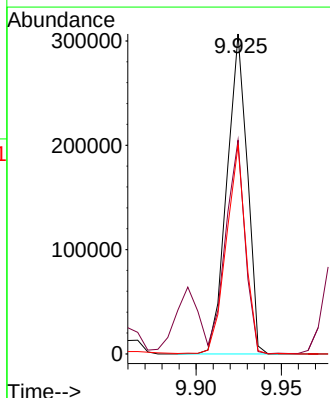
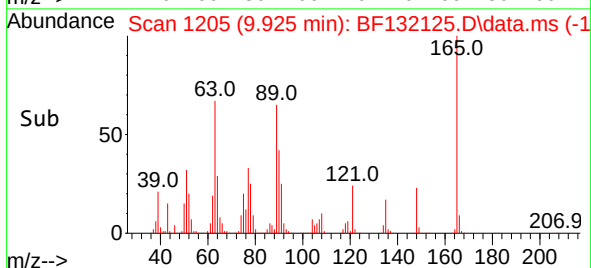
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

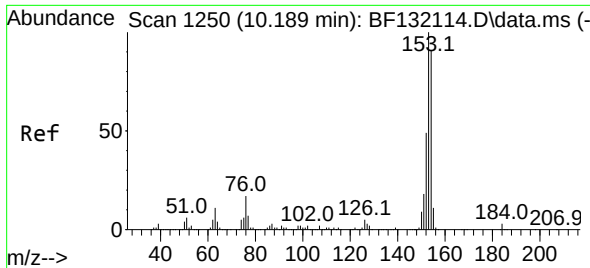


#51
2,6-Dinitrotoluene
Concen: 41.622 ng
RT: 9.925 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53



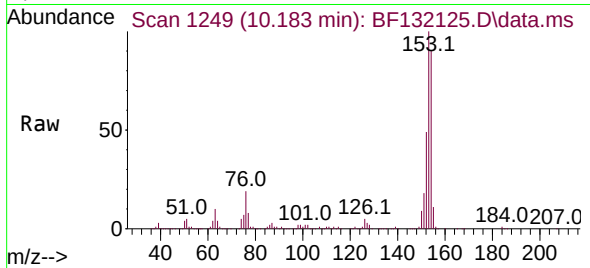
Tgt Ion:165 Resp: 254314
Ion Ratio Lower Upper
165 100
63 66.8 57.0 85.4
89 65.2 54.0 81.0





#52
Acenaphthene
Concen: 43.376 ng
RT: 10.183 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

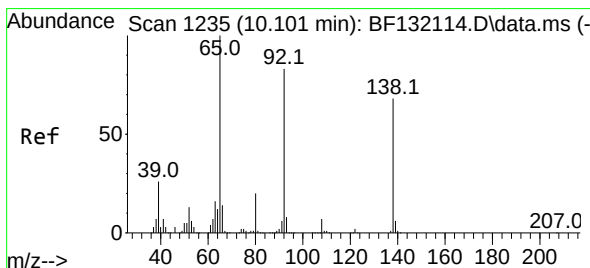
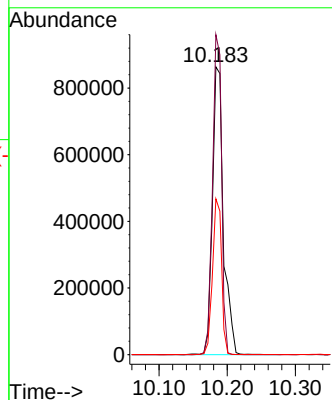
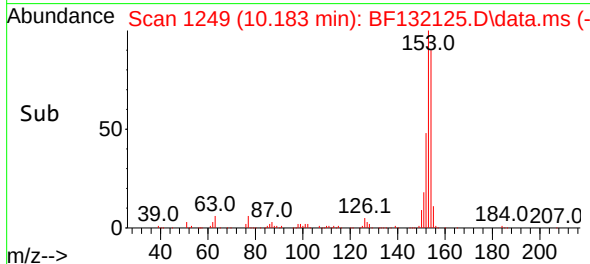
Instrument :
BNA_F
ClientSampleId :
PB150317BS



Tgt Ion:154 Resp: 968844
Ion Ratio Lower Upper
154 100
153 111.2 87.6 131.4
152 54.1 42.6 64.0

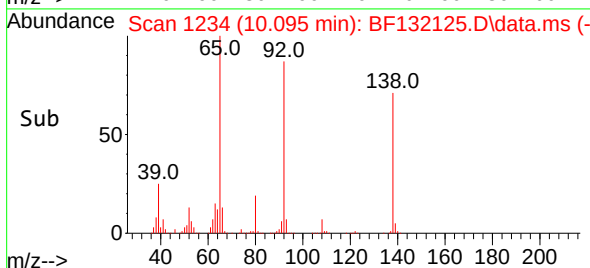
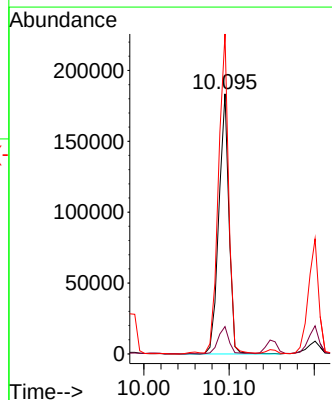
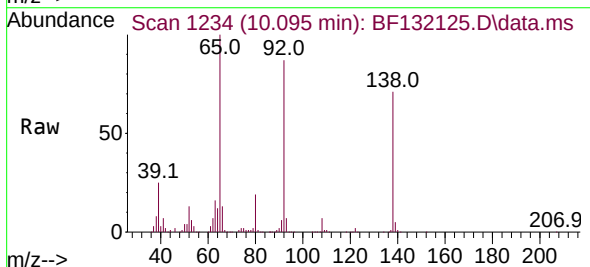
Manual Integrations
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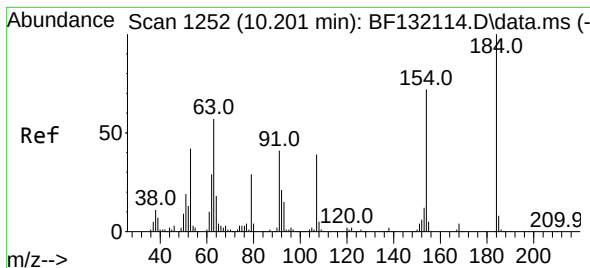
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#53
3-Nitroaniline
Concen: 23.258 ng
RT: 10.095 min Scan# 1234
Delta R.T. -0.006 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

Tgt Ion:138 Resp: 150446
Ion Ratio Lower Upper
138 100
108 10.5 8.5 12.7
92 123.1 97.4 146.2





#54
2,4-Dinitrophenol
Concen: 102.417 ng
RT: 10.201 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

Instrument :

BNA_F

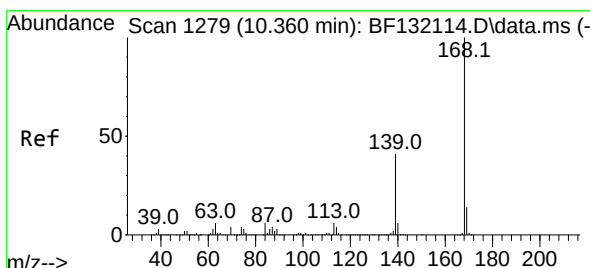
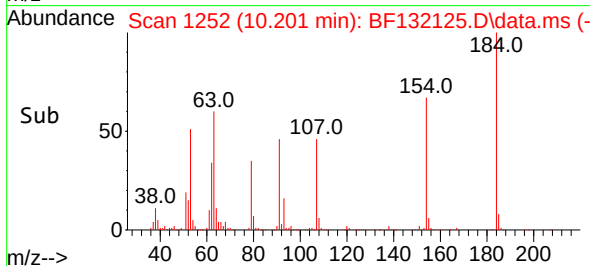
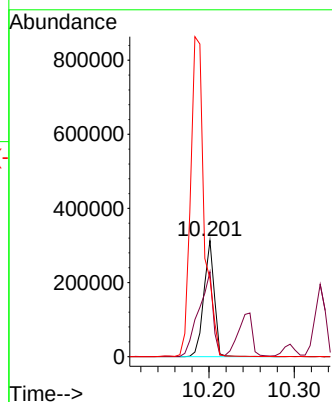
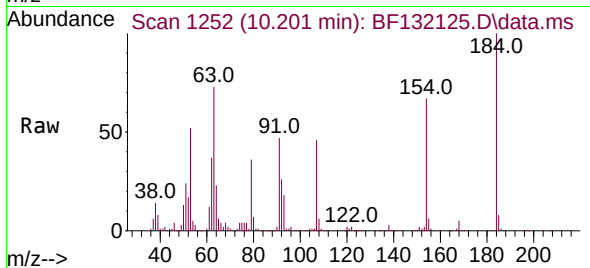
ClientSampleId :

PB150317BS

Tgt Ion:184 Resp: 265873
Ion Ratio Lower Upper
184 100
63 73.1 45.8 68.8
154 67.1 59.2 88.8

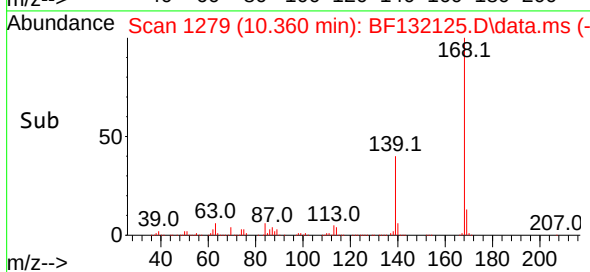
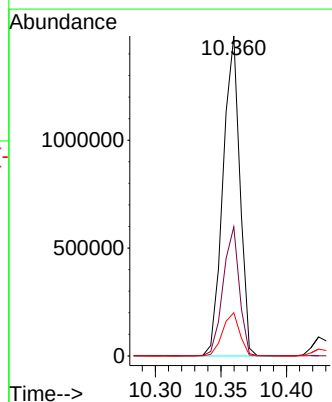
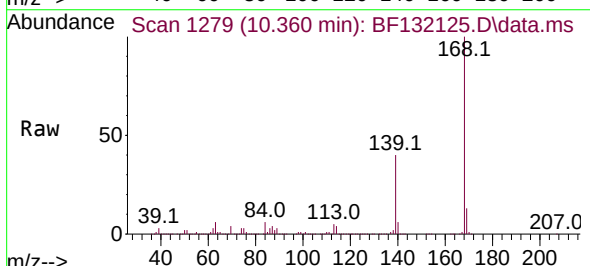
Manual Integrations
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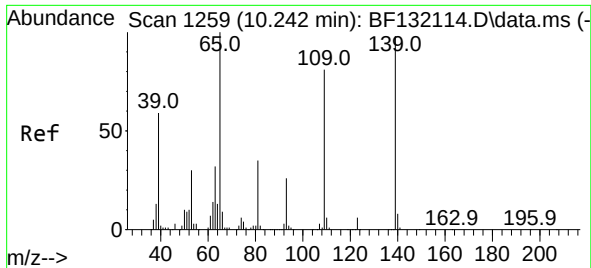
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#55
Dibenzofuran
Concen: 38.544 ng
RT: 10.360 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

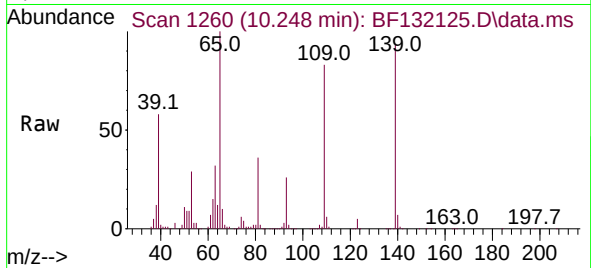
Tgt Ion:168 Resp: 1324654
Ion Ratio Lower Upper
168 100
139 40.3 32.6 49.0
169 13.5 11.0 16.4





#56
4-Nitrophenol
Concen: 82.824 ng
RT: 10.248 min Scan# 1260
Delta R.T. 0.006 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

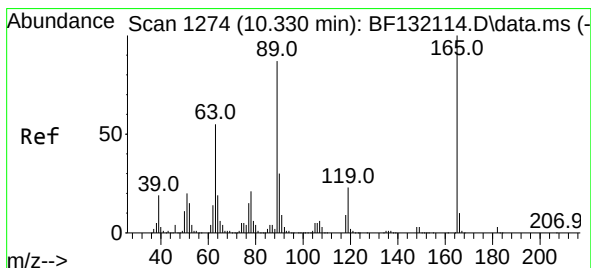
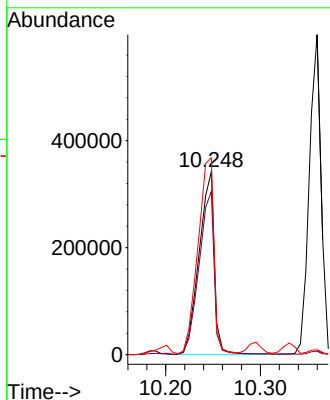
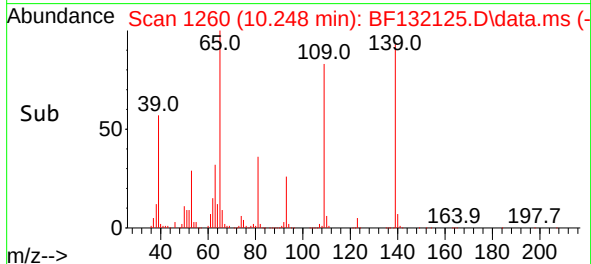
Instrument :
BNA_F
ClientSampleId :
PB150317BS



Tgt Ion:139 Resp: 38275
Ion Ratio Lower Upper
139 100
109 89.2 62.1 102.1
65 107.6 82.2 122.2

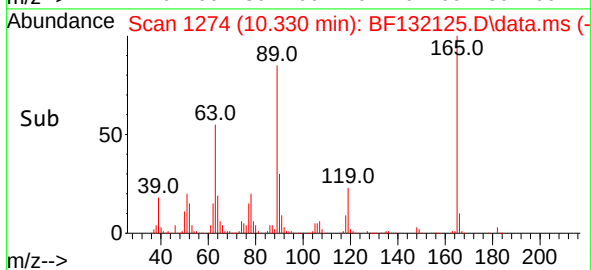
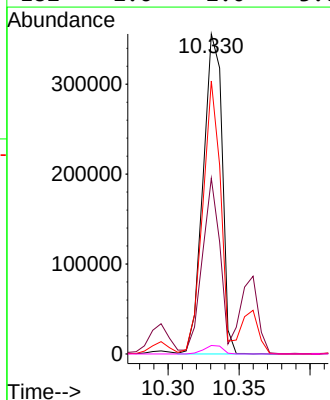
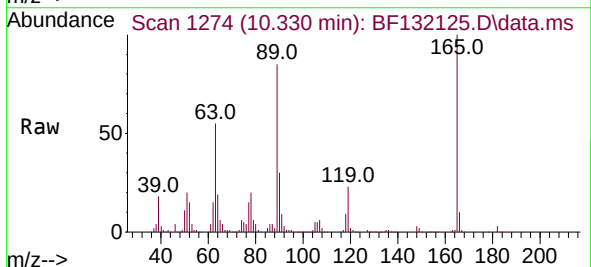
Manual Integrations
APPROVED

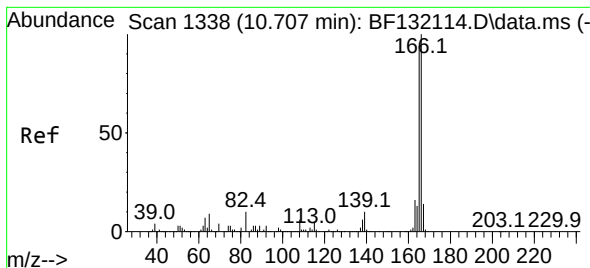
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#57
2,4-Dinitrotoluene
Concen: 43.926 ng
RT: 10.330 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

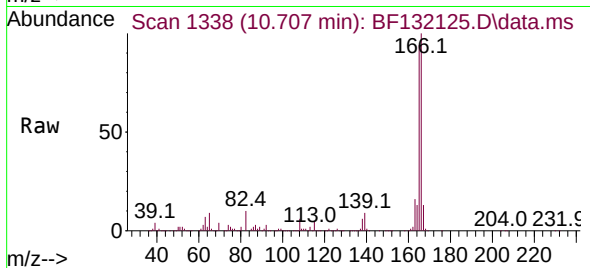
Tgt Ion:165 Resp: 331500
Ion Ratio Lower Upper
165 100
63 54.9 44.1 66.1
89 85.3 69.3 103.9
182 2.6 2.0 3.0





#58
Fluorene
Concen: 38.718 ng
RT: 10.707 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

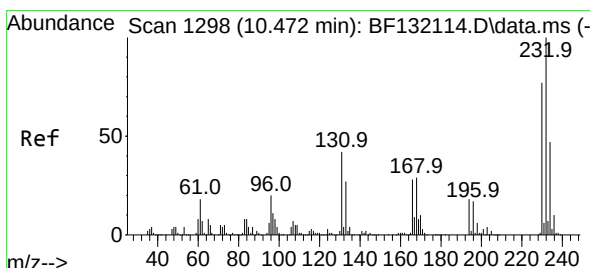
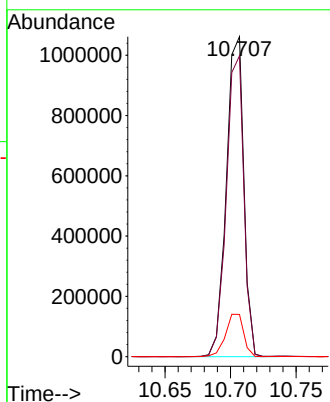
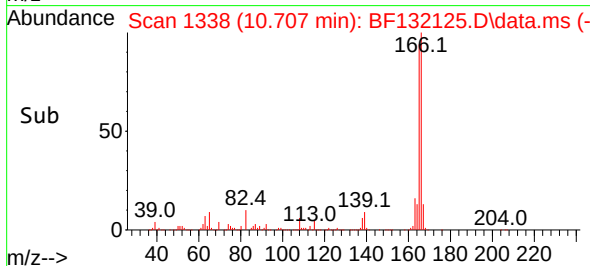
Instrument :
BNA_F
ClientSampleId :
PB150317BS



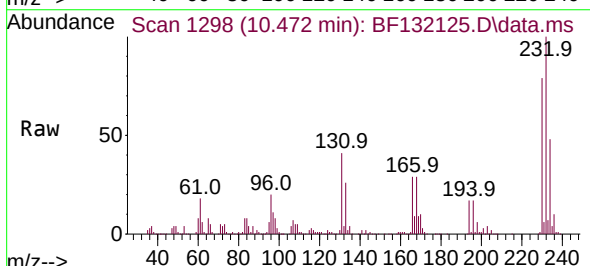
Tgt Ion:166 Resp: 986802
Ion Ratio Lower Upper
166 100
165 94.0 75.2 112.8
167 13.2 10.9 16.3

Manual Integrations
APPROVED

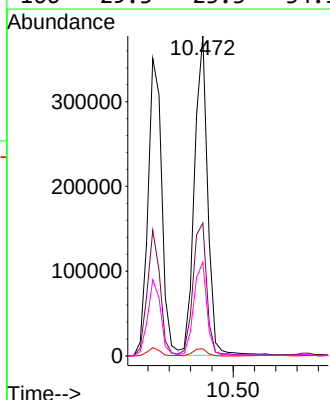
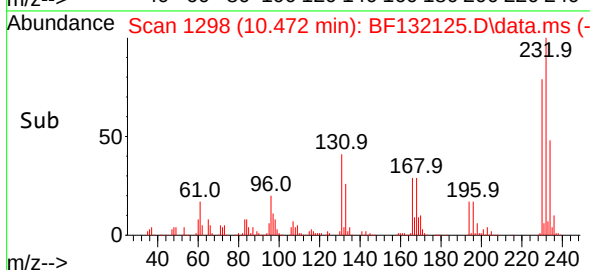
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

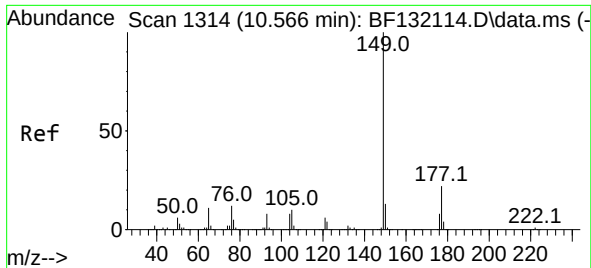


#59
2,3,4,6-Tetrachlorophenol
Concen: 41.251 ng
RT: 10.472 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53



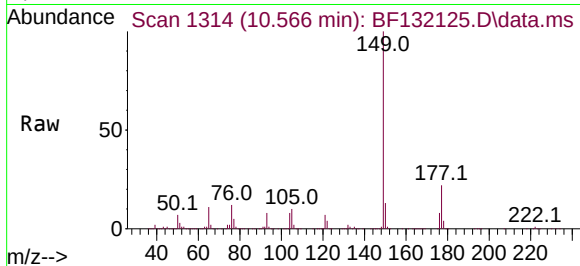
Tgt Ion:232 Resp: 323818
Ion Ratio Lower Upper
232 100
131 43.3 34.3 51.5
130 2.4 1.9 2.9
166 29.3 23.3 34.9





#60
Diethylphthalate
Concen: 39.396 ng
RT: 10.566 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

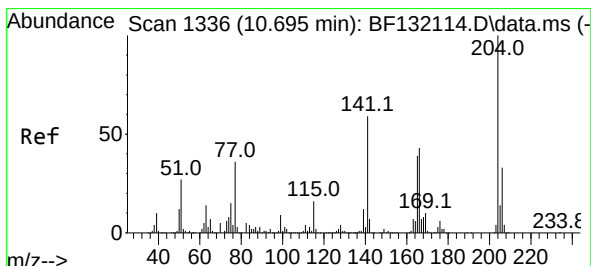
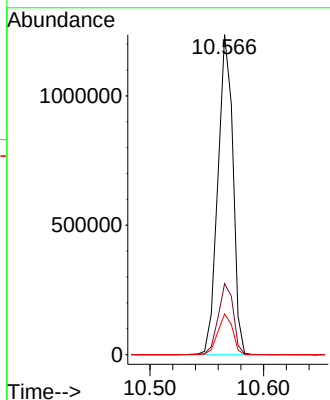
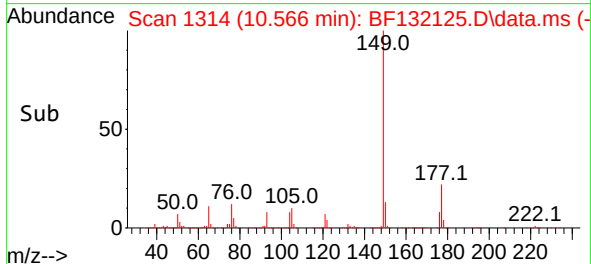
Instrument :
BNA_F
ClientSampleId :
PB150317BS



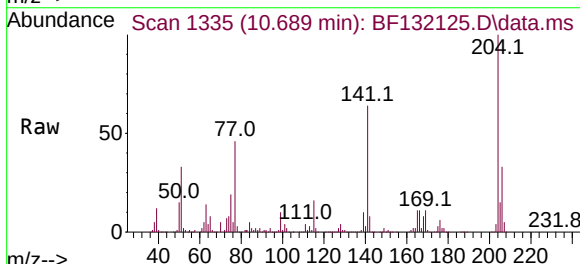
Tgt Ion:149 Resp: 1133025
Ion Ratio Lower Upper
149 100
177 22.2 17.7 26.5
150 12.7 10.4 15.6

Manual Integrations
APPROVED

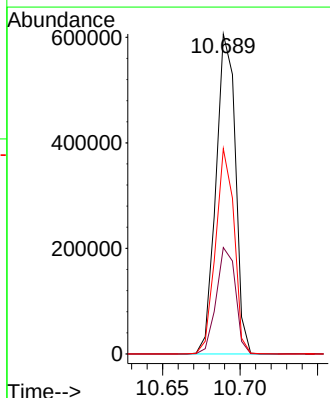
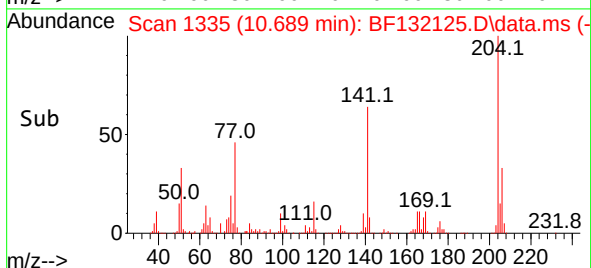
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

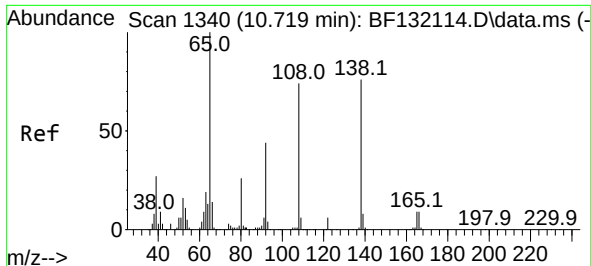


#61
4-Chlorophenyl-phenylether
Concen: 38.700 ng
RT: 10.689 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53



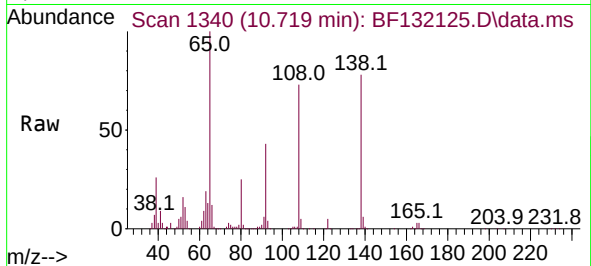
Tgt Ion:204 Resp: 530155
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 64.1 47.1 70.7





#62
4-Nitroaniline
Concen: 39.469 ng
RT: 10.719 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

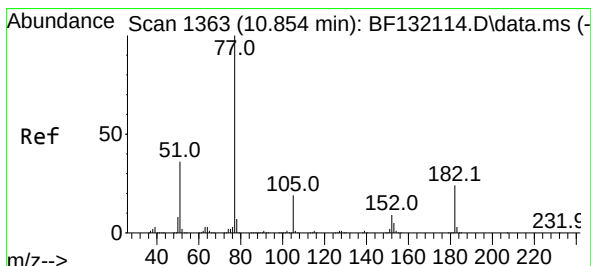
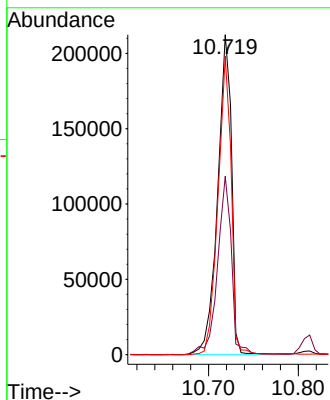
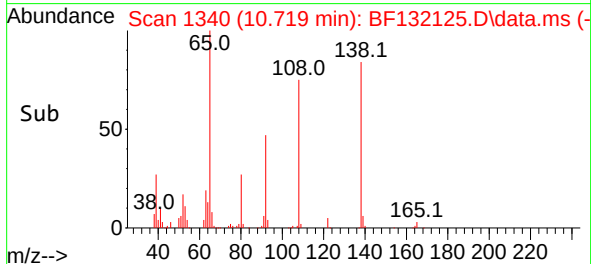
Instrument :
BNA_F
ClientSampleId :
PB150317BS



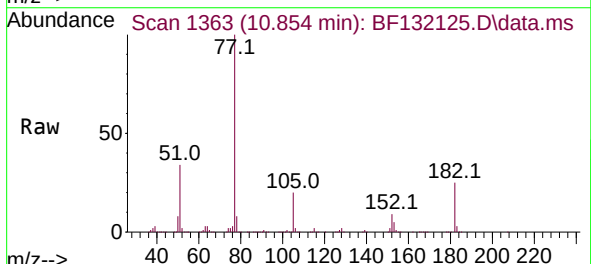
Tgt Ion: 138 Resp: 230223
Ion Ratio Lower Upper
138 100
92 55.7 38.7 78.7
108 93.3 77.1 117.1

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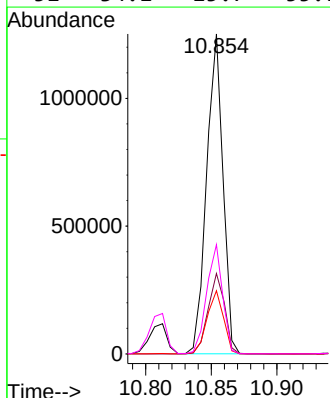
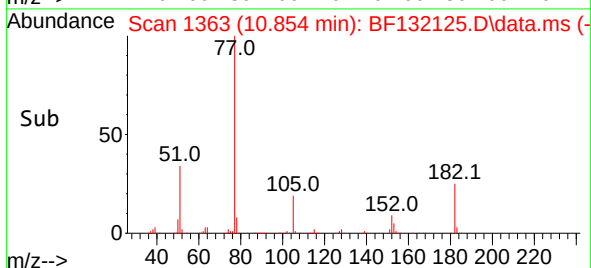
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

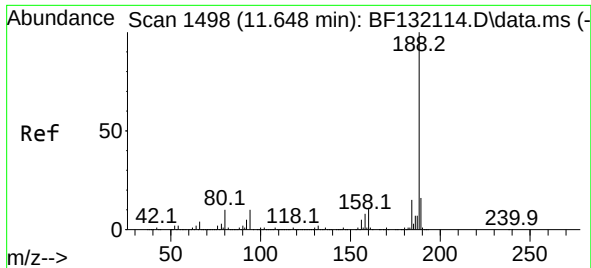


#63
Azobenzene
Concen: 38.727 ng
RT: 10.854 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53



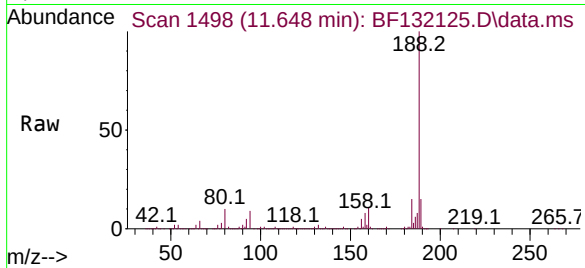
Tgt Ion: 77 Resp: 1084888
Ion Ratio Lower Upper
77 100
182 25.1 4.1 44.1
105 19.7 0.0 39.1
51 34.1 15.7 55.7





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.648 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

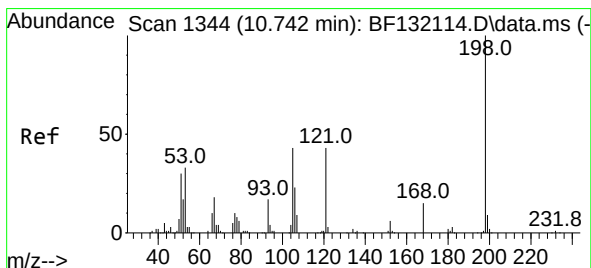
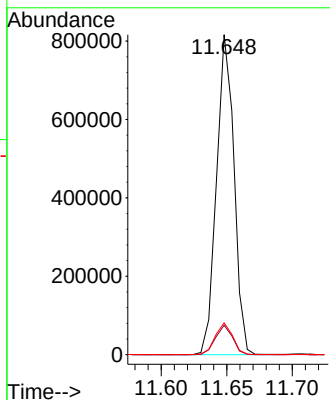
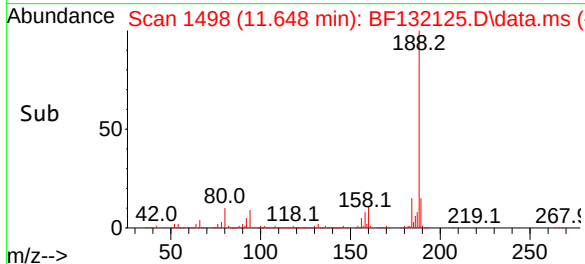
Instrument :
BNA_F
ClientSampleId :
PB150317BS



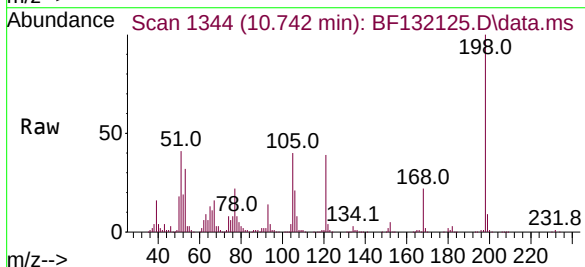
Tgt Ion:188 Resp: 759802
Ion Ratio Lower Upper
188 100
94 9.2 7.8 11.6
80 9.9 8.2 12.4

Manual Integrations
APPROVED

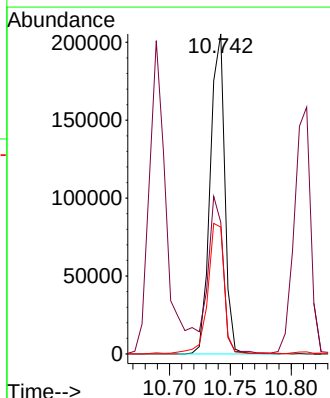
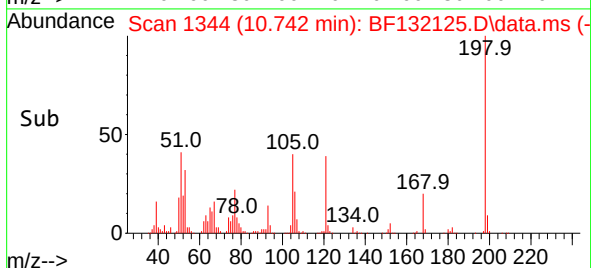
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

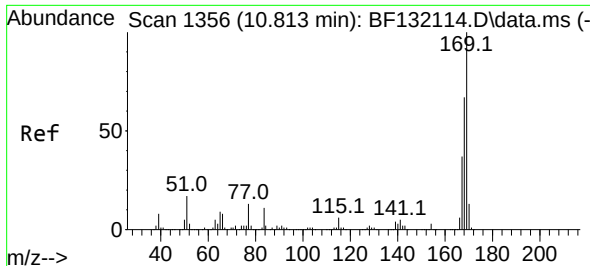


#65
4,6-Dinitro-2-methylphenol
Concen: 48.381 ng
RT: 10.742 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53



Tgt Ion:198 Resp: 170949
Ion Ratio Lower Upper
198 100
51 41.1 28.4 68.4
105 39.6 23.3 63.3





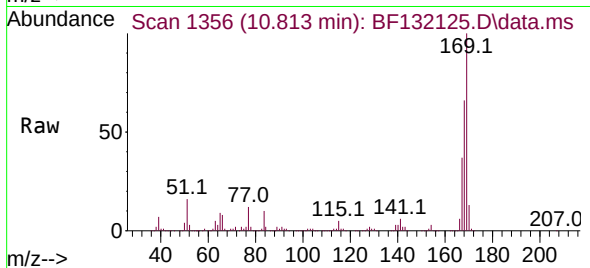
#66
n-Nitrosodiphenylamine
Concen: 39.885 ng
RT: 10.813 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

Instrument :

BNA_F

ClientSampleId :

PB150317BS

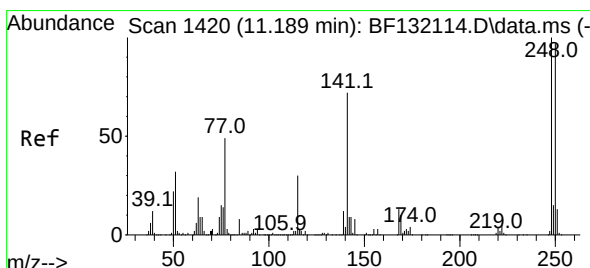
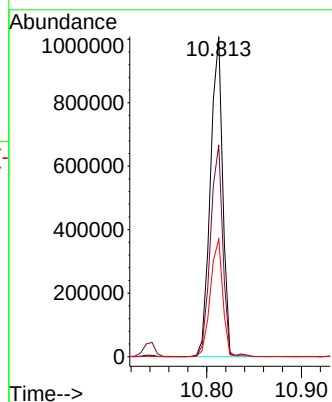
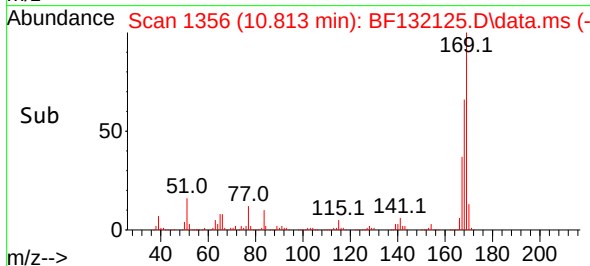


Tgt Ion:169 Resp: 909500
Ion Ratio Lower Upper
169 100
168 66.2 53.6 80.4
167 36.7 29.4 44.0

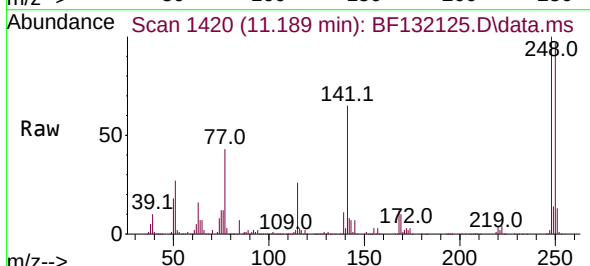
Manual Integrations

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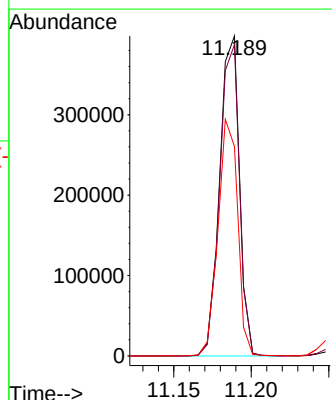
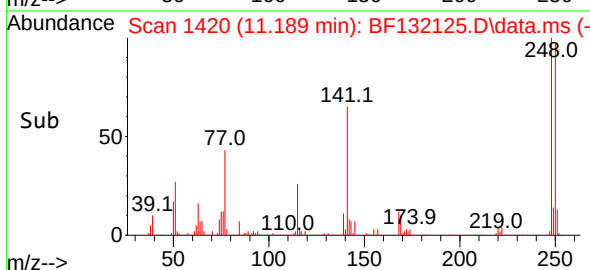
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

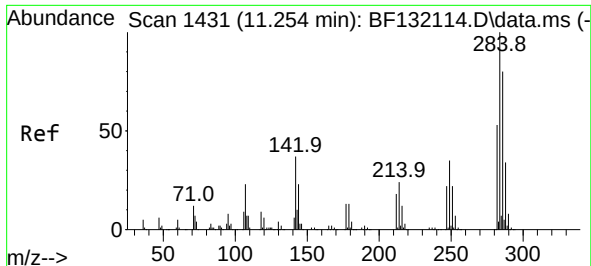


#67
4-Bromophenyl-phenylether
Concen: 41.069 ng
RT: 11.189 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53



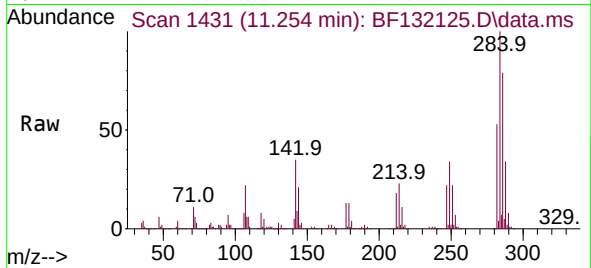
Tgt Ion:248 Resp: 354457
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.8
141 65.4 57.6 86.4





#68
Hexachlorobenzene
Concen: 43.169 ng
RT: 11.254 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

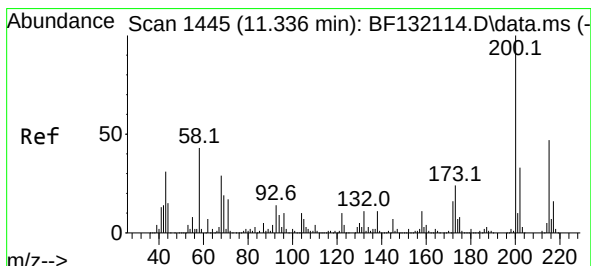
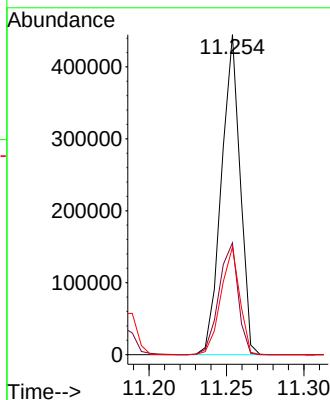
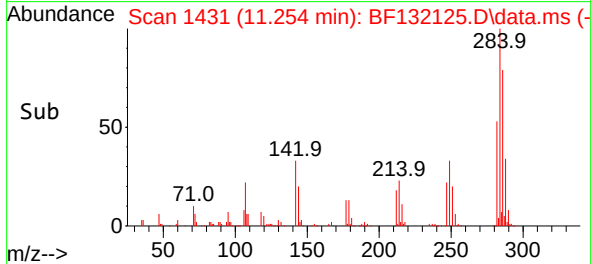
Instrument :
BNA_F
ClientSampleId :
PB150317BS



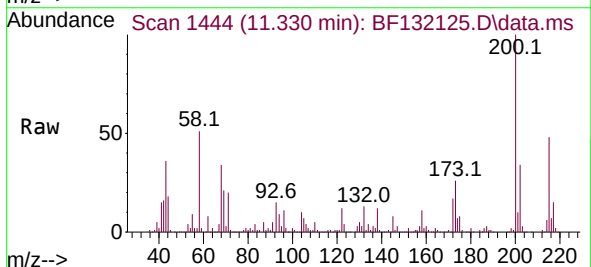
Tgt Ion:284 Resp: 374861
Ion Ratio Lower Upper
284 100
142 34.9 29.4 44.2
249 33.6 27.7 41.5

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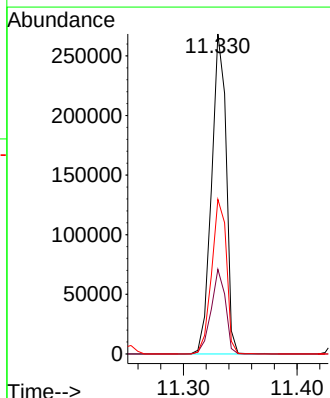
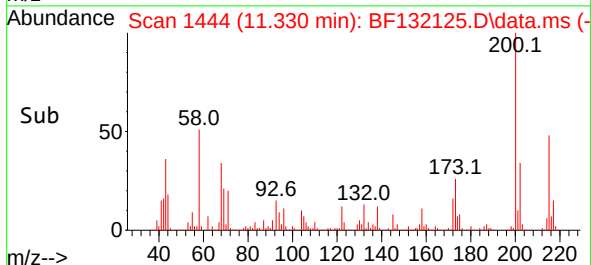
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

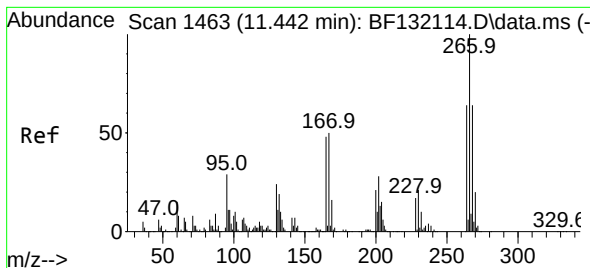


#69
Atrazine
Concen: 31.260 ng
RT: 11.330 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53



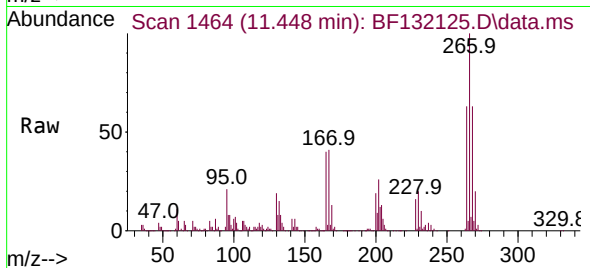
Tgt Ion:200 Resp: 239884
Ion Ratio Lower Upper
200 100
173 26.4 4.6 44.6
215 48.3 27.3 67.3





#70
Pentachlorophenol
Concen: 77.151 ng
RT: 11.448 min Scan# 1463
Delta R.T. 0.006 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

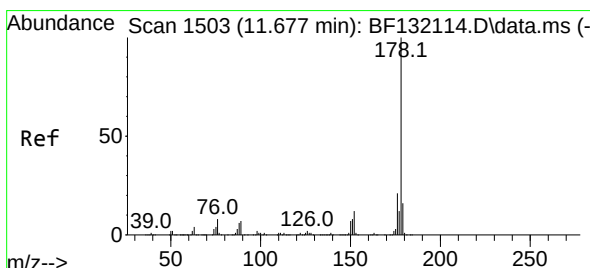
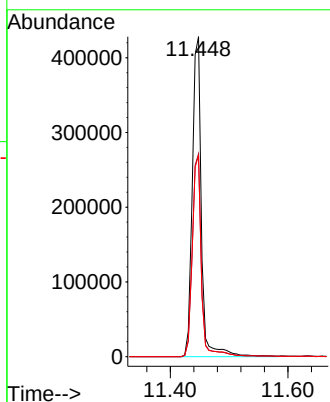
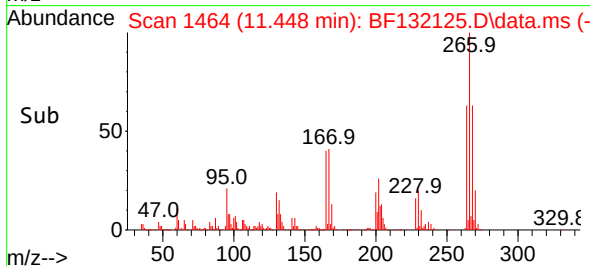
Instrument :
BNA_F
ClientSampleId :
PB150317BS



Tgt Ion:266 Resp: 460271
Ion Ratio Lower Upper
266 100
268 63.3 51.0 76.6
264 62.8 51.6 77.4

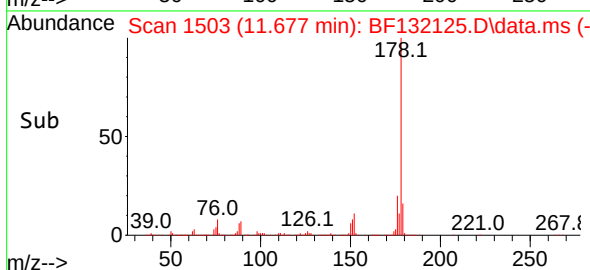
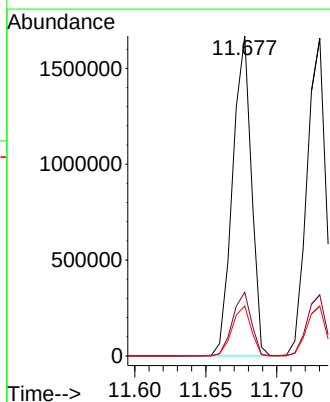
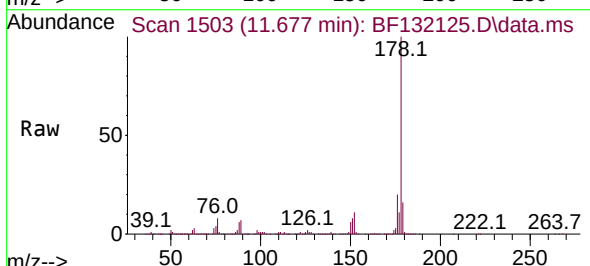
Manual Integrations
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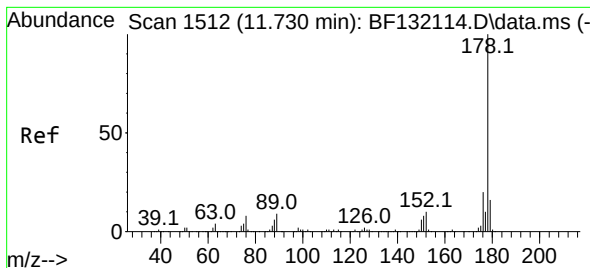
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#71
Phenanthrene
Concen: 40.712 ng
RT: 11.677 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

Tgt Ion:178 Resp: 1529162
Ion Ratio Lower Upper
178 100
176 19.9 16.4 24.6
179 15.6 12.7 19.1





#72

Anthracene

Concen: 39.782 ng

RT: 11.730 min Scan# 1512

Delta R.T. 0.000 min

Lab File: BF132125.D

Acq: 18 Jan 2023 18:53

Instrument :

BNA_F

ClientSampleId :

PB150317BS

Tgt Ion:178 Resp: 1519325

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.8

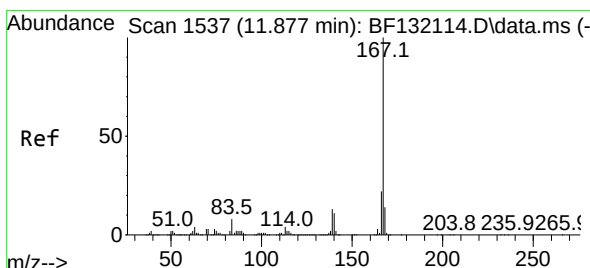
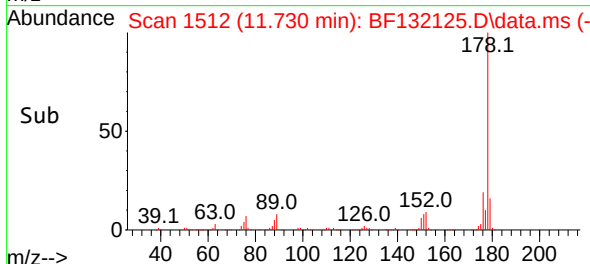
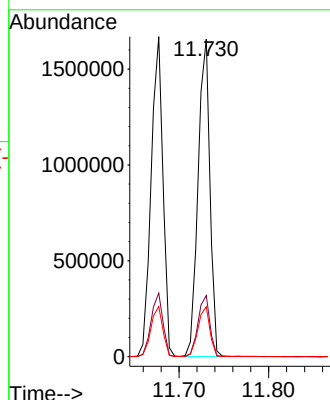
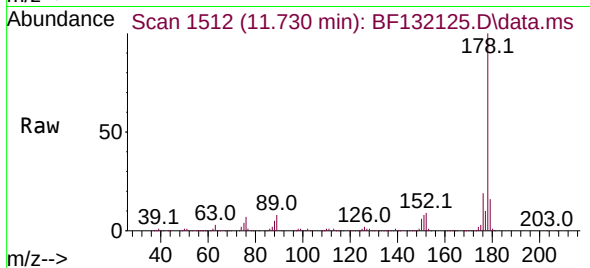
179 15.7 12.9 19.3

Manual Integrations

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Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#73

Carbazole

Concen: 40.891 ng

RT: 11.877 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF132125.D

Acq: 18 Jan 2023 18:53

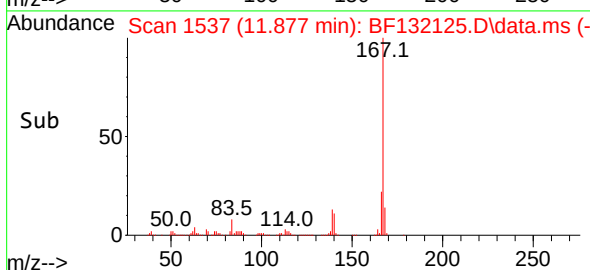
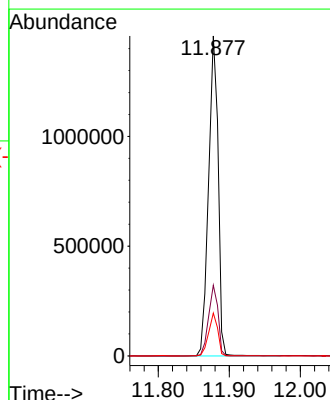
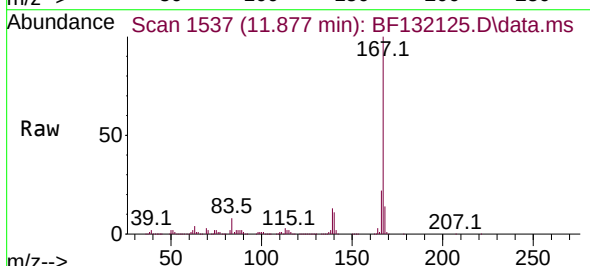
Tgt Ion:167 Resp: 1362654

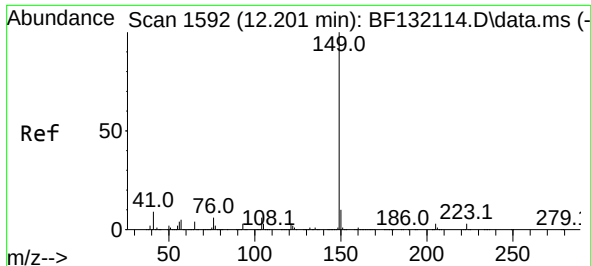
Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

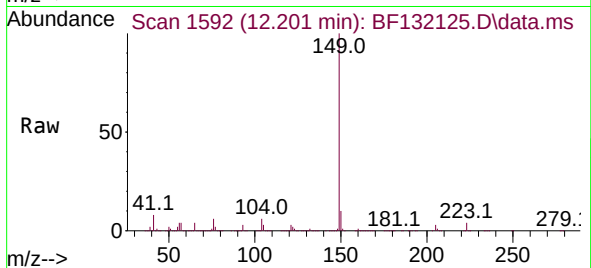
139 13.4 10.8 16.2





#74
Di-n-butylphthalate
Concen: 42.389 ng
RT: 12.201 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

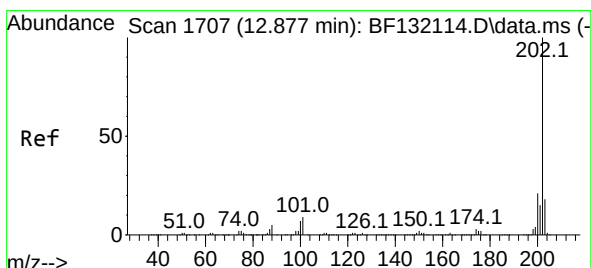
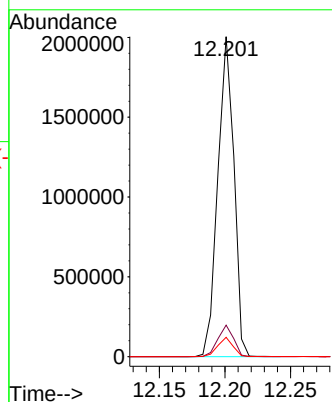
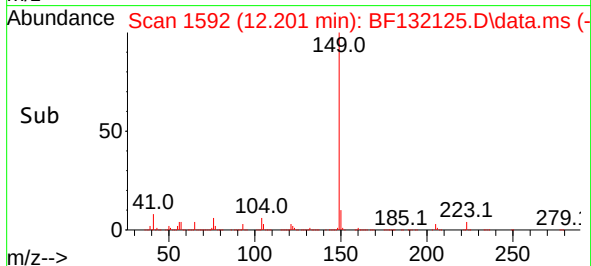
Instrument :
BNA_F
ClientSampleId :
PB150317BS



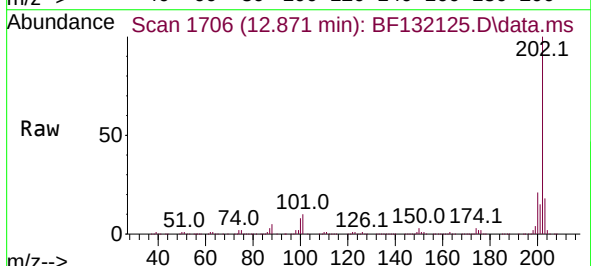
Tgt Ion:149 Resp: 1715410
Ion Ratio Lower Upper
149 100
150 9.8 7.6 11.4
104 6.0 4.8 7.2

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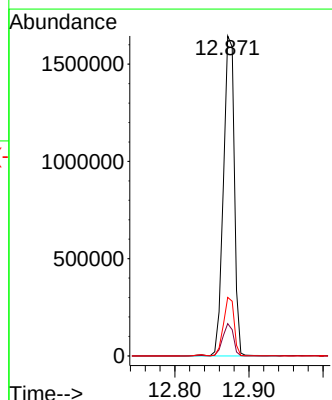
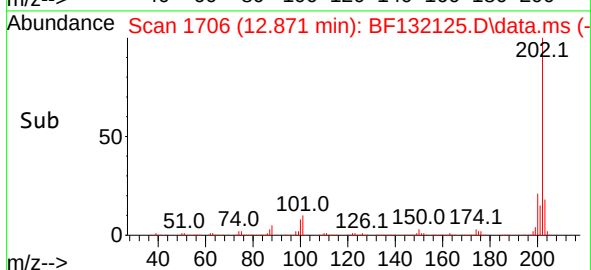
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

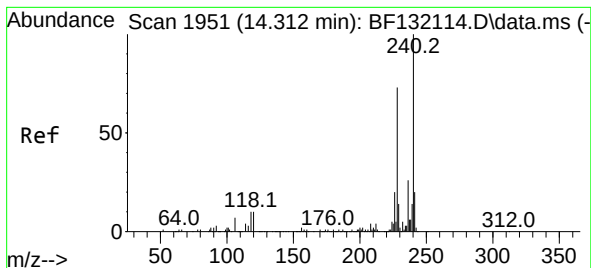


#75
Fluoranthene
Concen: 41.655 ng
RT: 12.871 min Scan# 1706
Delta R.T. -0.006 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53



Tgt Ion:202 Resp: 1675926
Ion Ratio Lower Upper
202 100
101 10.1 0.0 28.9
203 18.3 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.312 min Scan# 1951

Delta R.T. 0.000 min

Lab File: BF132125.D

Acq: 18 Jan 2023 18:53

Instrument :

BNA_F

ClientSampleId :

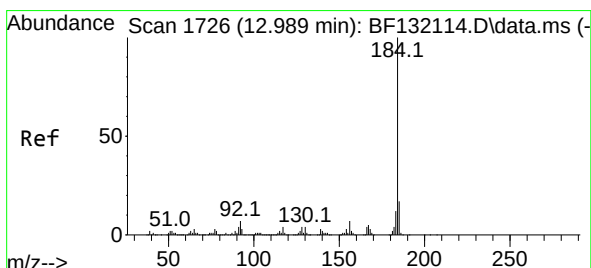
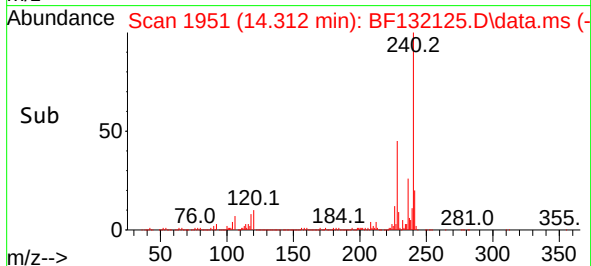
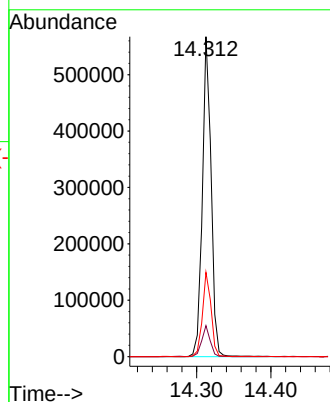
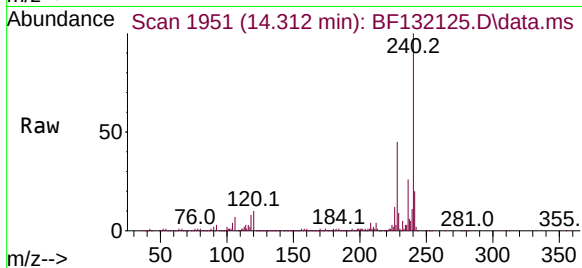
PB150317BS

Tgt Ion:240 Resp: 465735
 Ion Ratio Lower Upper
 240 100
 120 9.7 8.2 12.4
 236 26.3 21.2 31.8

Manual Integrations

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



#77

Benzidine

Concen: 15.879 ng

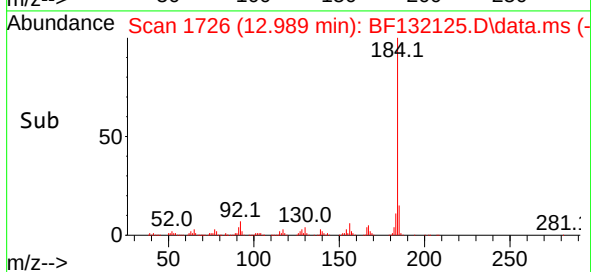
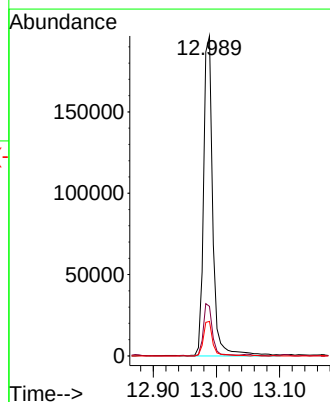
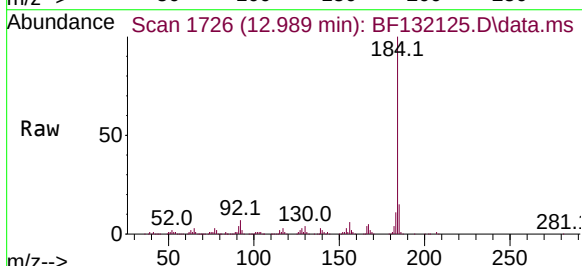
RT: 12.989 min Scan# 1726

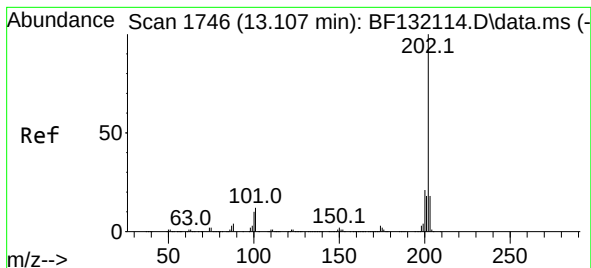
Delta R.T. -0.000 min

Lab File: BF132125.D

Acq: 18 Jan 2023 18:53

Tgt Ion:184 Resp: 199142
 Ion Ratio Lower Upper
 184 100
 185 15.5 13.7 20.5
 183 10.8 9.4 14.0





#78

Pyrene

Concen: 37.608 ng

RT: 13.107 min Scan# 1746

Delta R.T. 0.000 min

Lab File: BF132125.D

Acq: 18 Jan 2023 18:53

Instrument :

BNA_F

ClientSampleId :

PB150317BS

Tgt Ion:202 Resp: 1676548

Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

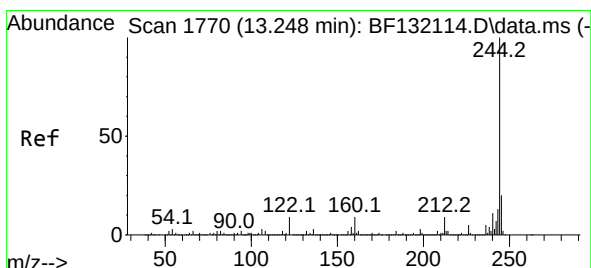
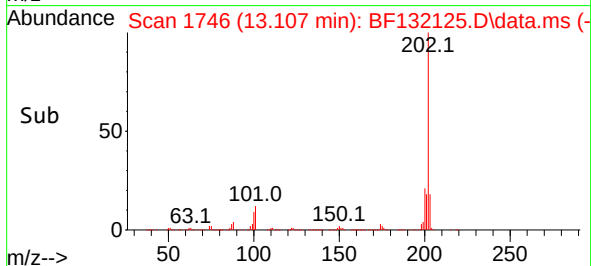
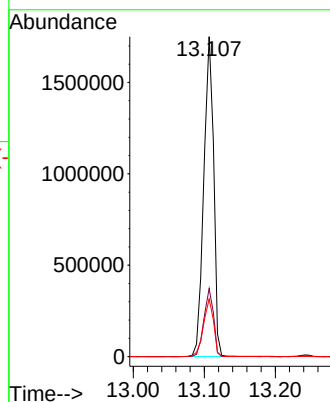
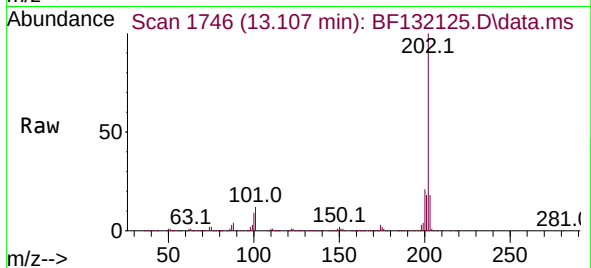
203 18.0 14.6 22.0

Manual Integrations

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Reviewed By :Christian Giraldo 01/19/2023

Supervised By :Jagrut Upadhyay 01/19/2023



#79

Terphenyl-d14

Concen: 76.458 ng

RT: 13.242 min Scan# 1769

Delta R.T. -0.006 min

Lab File: BF132125.D

Acq: 18 Jan 2023 18:53

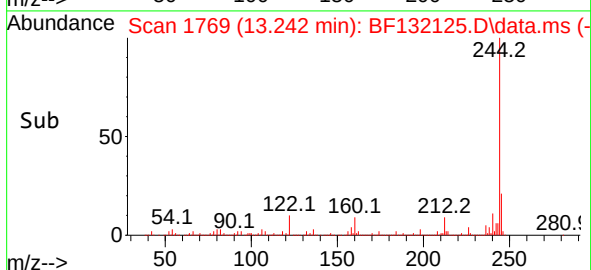
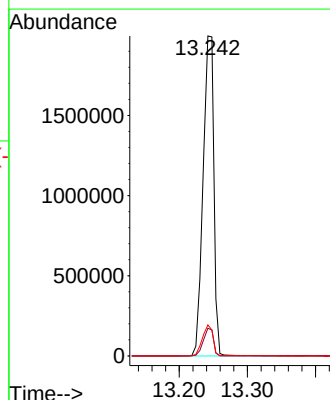
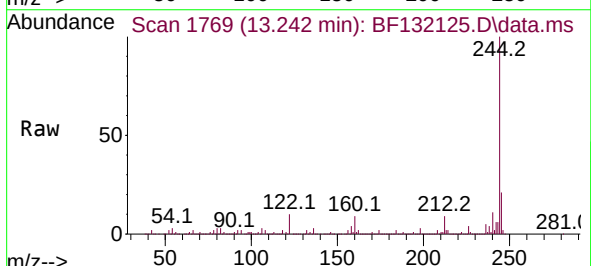
Tgt Ion:244 Resp: 2194664

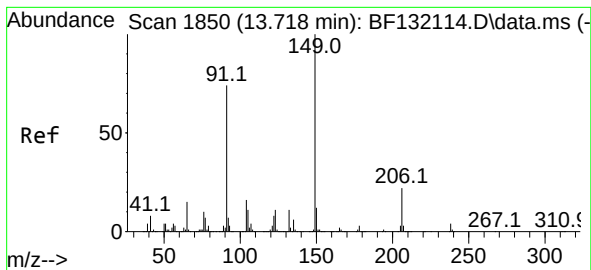
Ion Ratio Lower Upper

244 100

212 8.6 6.9 10.3

122 9.7 7.0 10.6





#80
Butylbenzylphthalate
Concen: 42.445 ng
RT: 13.718 min Scan# 1850
Delta R.T. -0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

Instrument :

BNA_F

ClientSampleId :

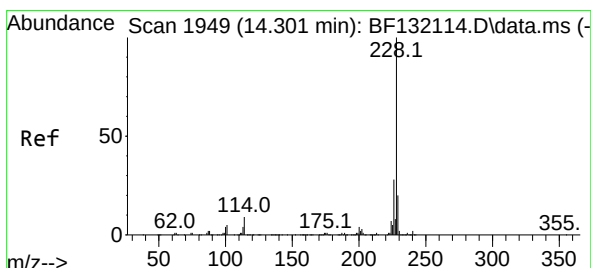
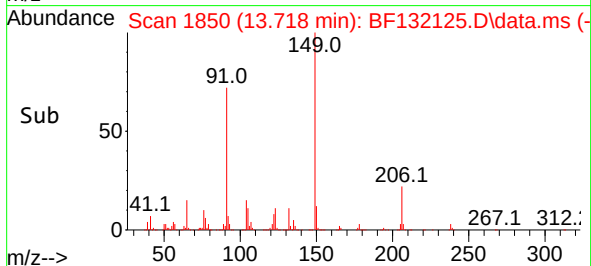
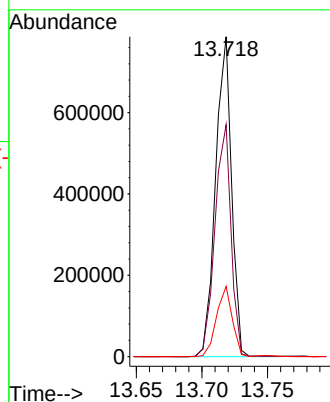
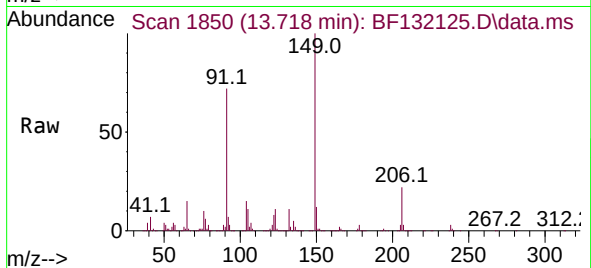
PB150317BS

Tgt Ion:149 Resp: 666978
Ion Ratio Lower Upper
149 100
91 72.5 59.2 88.8
206 21.9 17.3 25.9

Manual Integrations

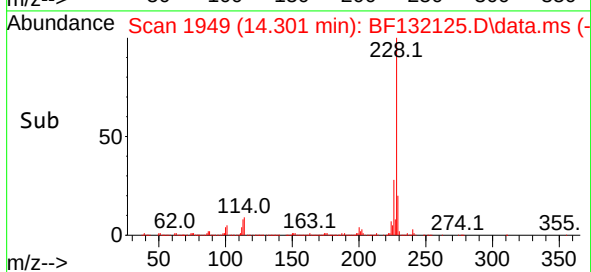
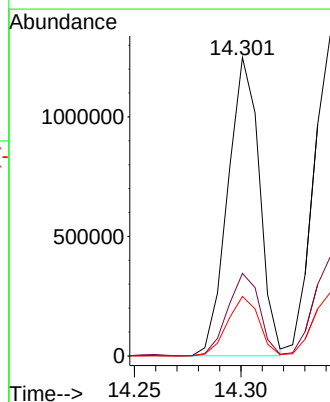
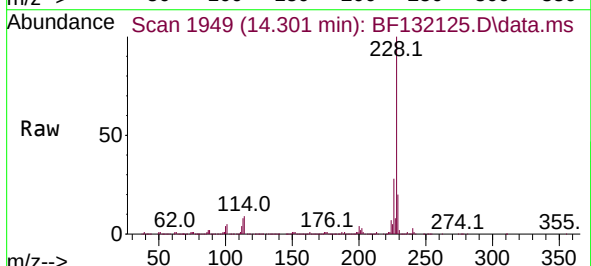
APPROVED

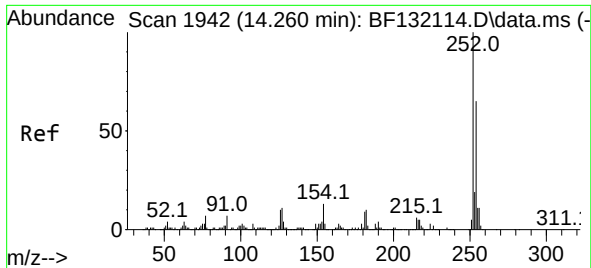
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#81
Benzo(a)anthracene
Concen: 39.506 ng
RT: 14.301 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

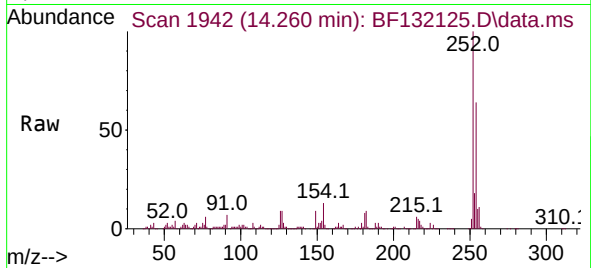
Tgt Ion:228 Resp: 1285973
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.4
229 19.9 16.0 24.0





#82
3,3'-Dichlorobenzidine
Concen: 33.313 ng
RT: 14.260 min Scan# 1942
Delta R.T. 0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

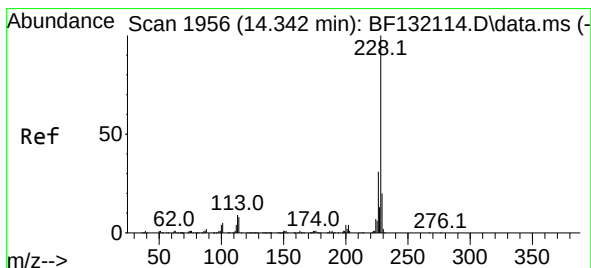
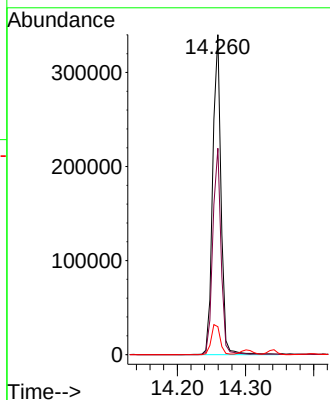
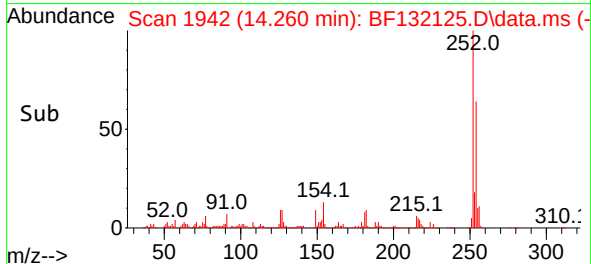
Instrument :
BNA_F
ClientSampleId :
PB150317BS



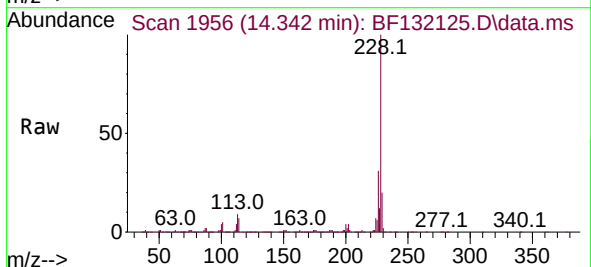
Tgt Ion:252 Resp: 288447
Ion Ratio Lower Upper
252 100
254 64.5 52.2 78.2
126 8.7 8.2 12.4

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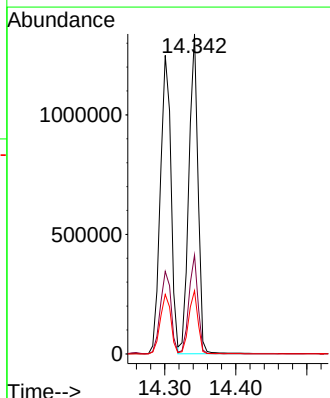
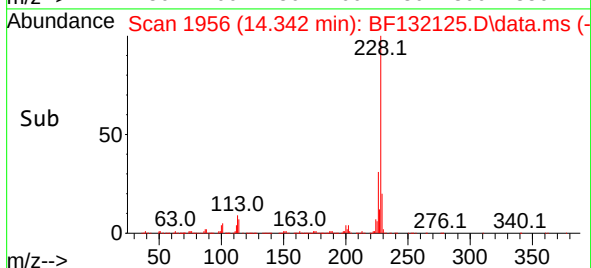
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

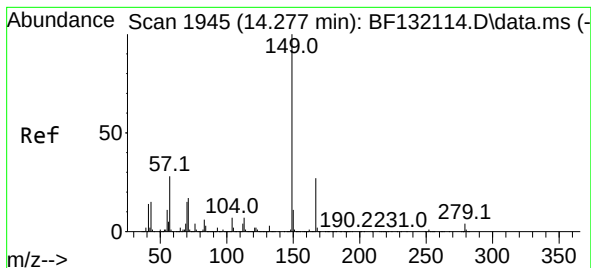


#83
Chrysene
Concen: 39.236 ng
RT: 14.342 min Scan# 1956
Delta R.T. -0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53



Tgt Ion:228 Resp: 1200623
Ion Ratio Lower Upper
228 100
226 30.9 24.7 37.1
229 19.7 16.2 24.4





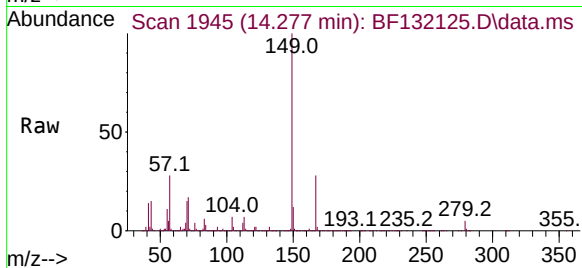
#84
Bis(2-ethylhexyl)phthalate
Concen: 43.843 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

Instrument :

BNA_F

ClientSampleId :

PB150317BS

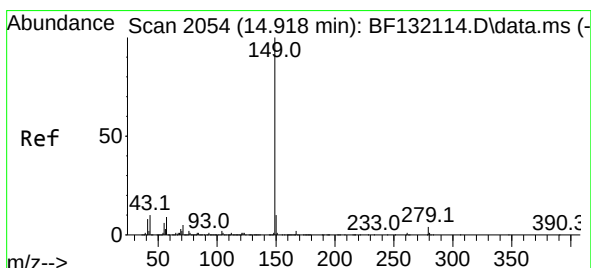
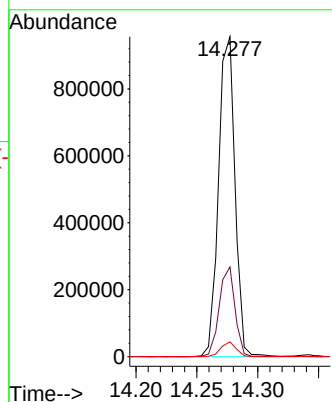
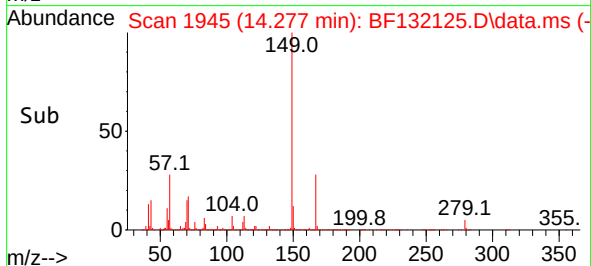


Tgt Ion:149 Resp: 900989
Ion Ratio Lower Upper
149 100
167 28.0 21.4 32.0
279 4.6 3.4 5.0

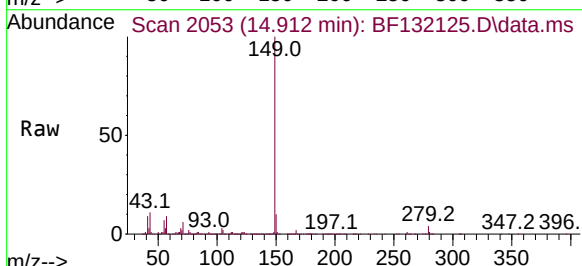
Manual Integrations

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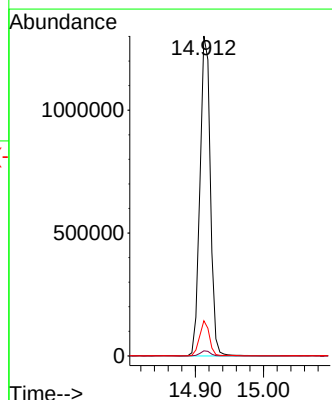
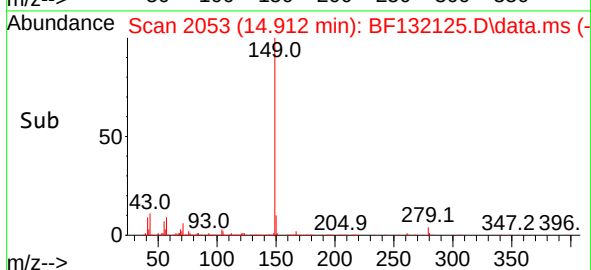
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

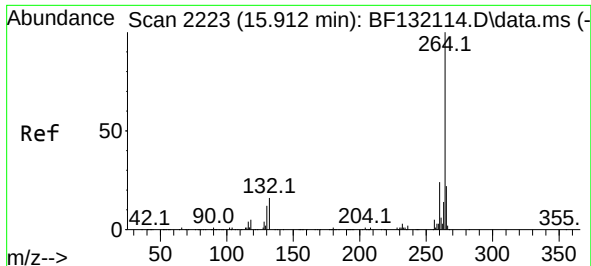


#85
Di-n-octyl phthalate
Concen: 51.113 ng
RT: 14.912 min Scan# 2053
Delta R.T. -0.006 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53



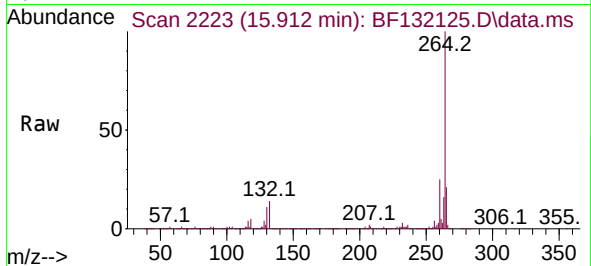
Tgt Ion:149 Resp: 1377475
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.5 8.4 12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.912 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

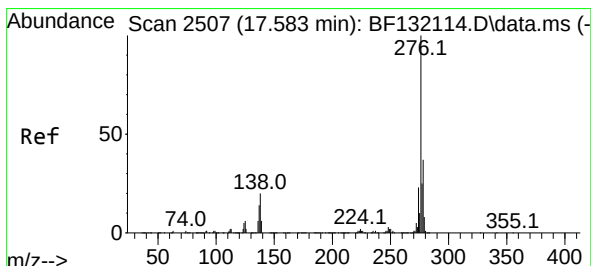
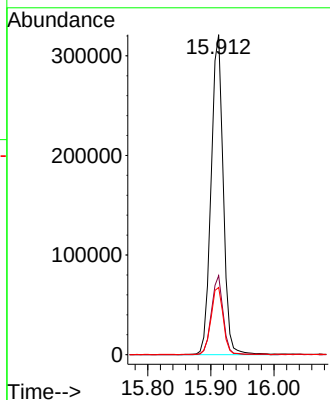
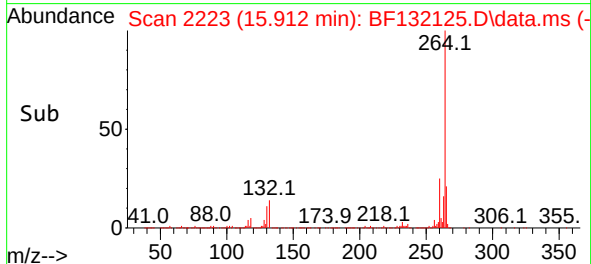
Instrument :
BNA_F
ClientSampleId :
PB150317BS



Tgt Ion:264 Resp: 429046
Ion Ratio Lower Upper
264 100
260 24.7 19.1 28.7
265 21.0 17.5 26.3

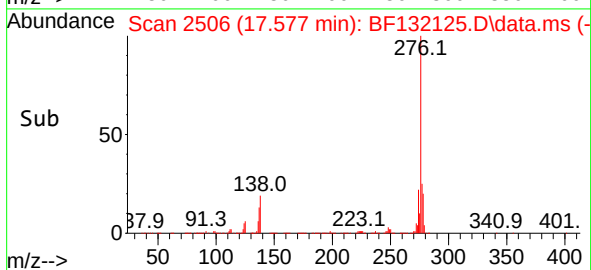
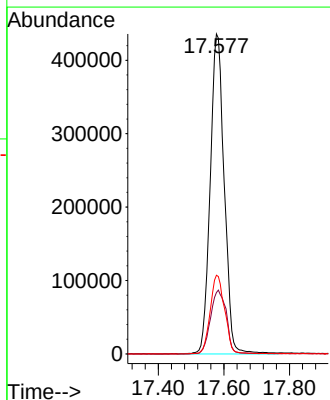
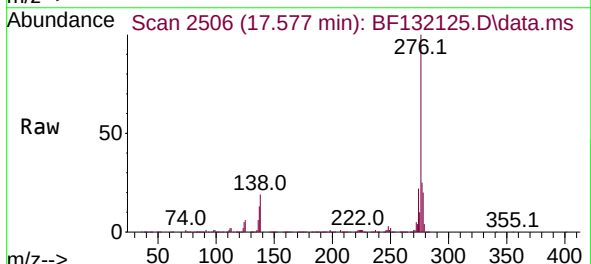
Manual Integrations
APPROVED

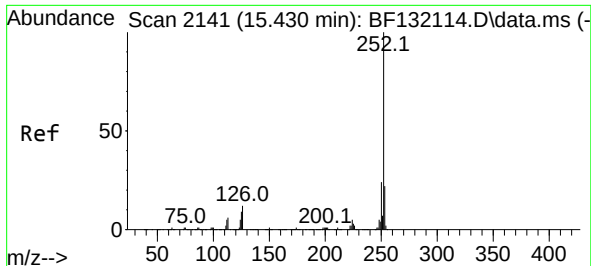
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#87
Indeno(1,2,3-cd)pyrene
Concen: 51.398 ng
RT: 17.577 min Scan# 2506
Delta R.T. -0.006 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

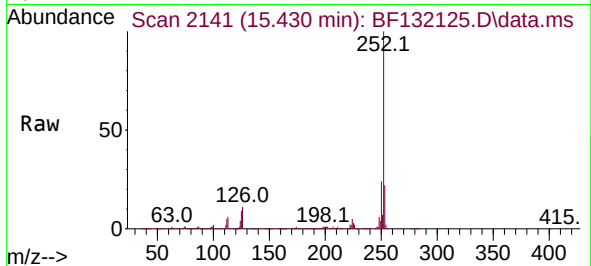
Tgt Ion:276 Resp: 1299317
Ion Ratio Lower Upper
276 100
138 22.4 18.2 27.4
277 25.3 20.0 30.0





#88
Benzo(b)fluoranthene
Concen: 47.464 ng
RT: 15.430 min Scan# 2141
Delta R.T. -0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

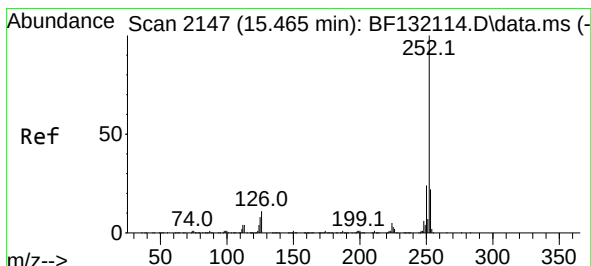
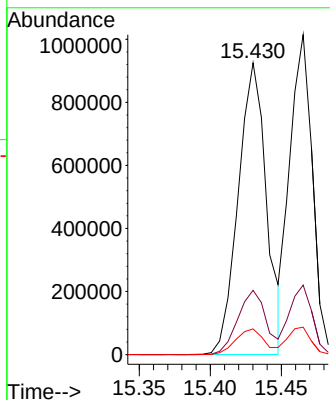
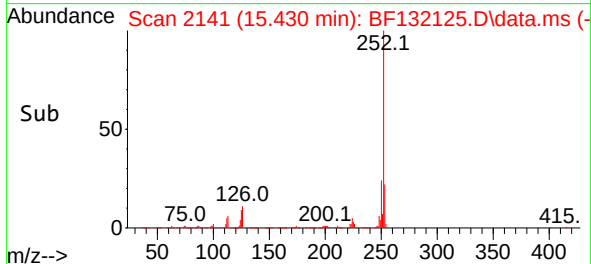
Instrument :
BNA_F
ClientSampleId :
PB150317BS



Tgt Ion:252 Resp: 1281166
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 8.8 7.2 10.8

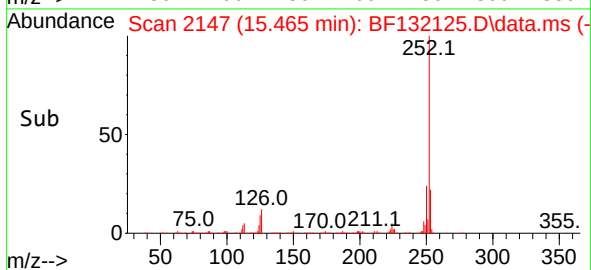
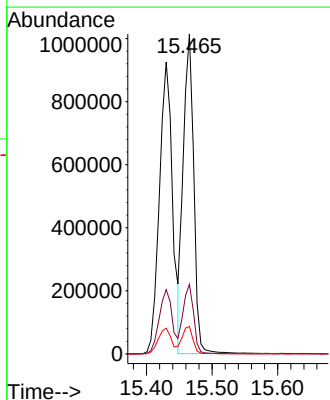
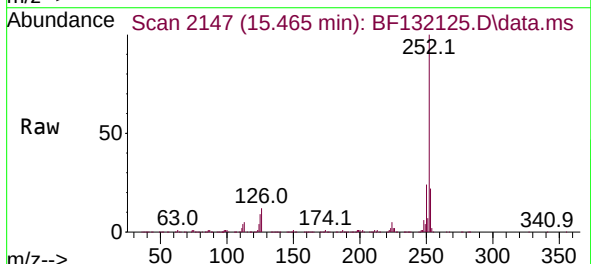
Manual Integrations
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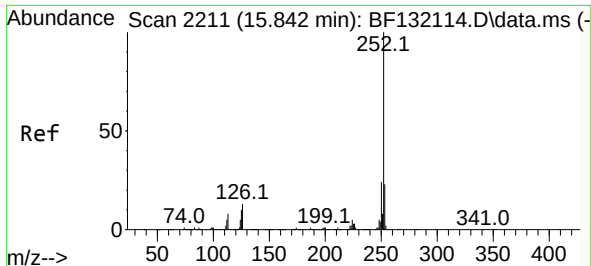
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#89
Benzo(k)fluoranthene
Concen: 42.204 ng
RT: 15.465 min Scan# 2147
Delta R.T. 0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

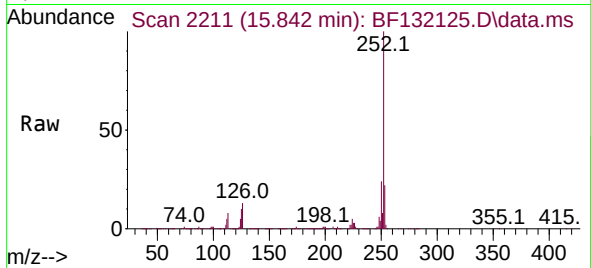
Tgt Ion:252 Resp: 1139583
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 8.6 6.7 10.1





#90
Benzo(a)pyrene
Concen: 44.314 ng
RT: 15.842 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

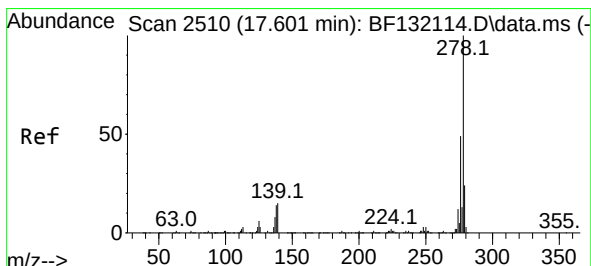
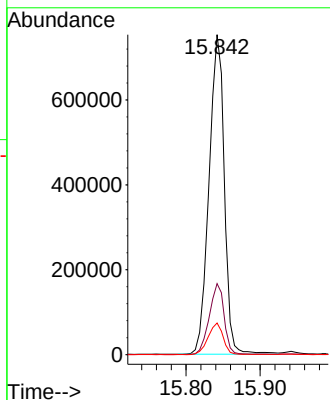
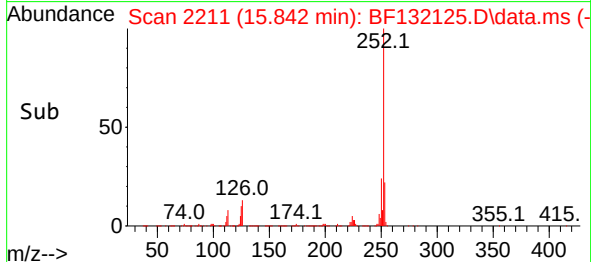
Instrument :
BNA_F
ClientSampleId :
PB150317BS



Tgt Ion:252 Resp: 108133
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 9.9 8.1 12.1

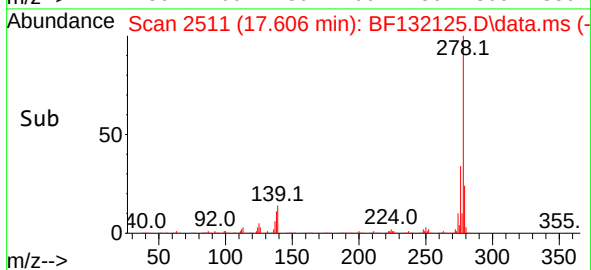
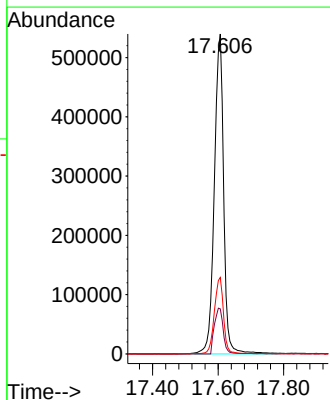
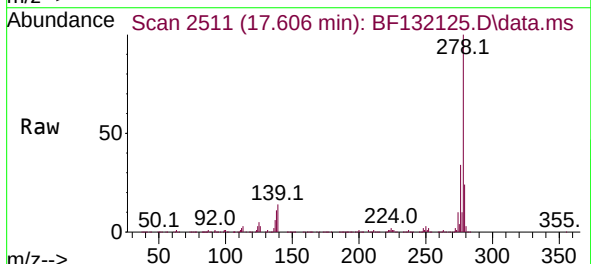
Manual Integrations
APPROVED

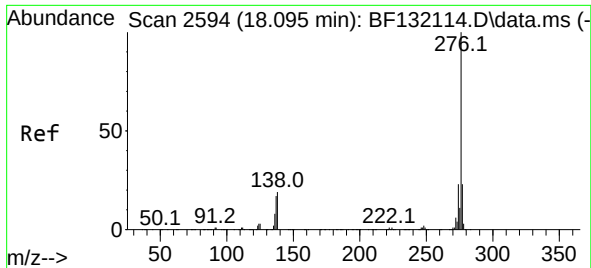
Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023



#91
Dibenzo(a,h)anthracene
Concen: 52.858 ng
RT: 17.606 min Scan# 2511
Delta R.T. 0.006 min
Lab File: BF132125.D
Acq: 18 Jan 2023 18:53

Tgt Ion:278 Resp: 1073712
Ion Ratio Lower Upper
278 100
139 14.1 11.8 17.8
279 23.9 19.2 28.8





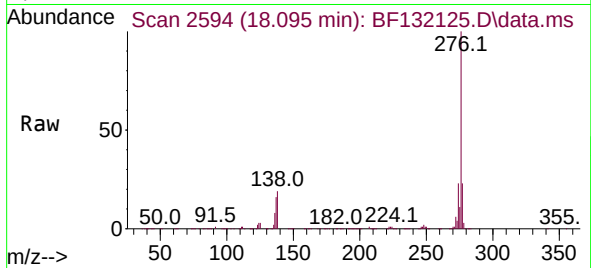
#92
 Benzo(g,h,i)perylene
 Concen: 53.341 ng
 RT: 18.095 min Scan# 2594
 Delta R.T. -0.000 min
 Lab File: BF132125.D
 Acq: 18 Jan 2023 18:53

Instrument :

BNA_F

ClientSampleId :

PB150317BS



Tgt Ion:276 Resp: 1128911
 Ion Ratio Lower Upper
 276 100
 277 23.3 18.6 28.0
 138 18.8 15.4 23.2

Manual Integrations

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

