

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121823\
 Data File : BF136628.D
 Acq On : 18 Dec 2023 22:20
 Operator : CG\JU
 Sample : 05485-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-14-STOCKPILE-BIN-5MSD

Quant Time: Dec 19 01:08:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 19 00:56:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	85087	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	314305	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	131680	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	212856	20.000	ng	0.00
76) Chrysene-d12	13.974	240	160259	20.000	ng	0.00
86) Perylene-d12	15.457	264	116914	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	566262	98.284	ng	0.01
7) Phenol-d6	6.445	99	681719	94.837	ng	0.00
23) Nitrobenzene-d5	7.351	82	399634	68.737	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	145995	89.919	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	732794	75.934	ng	0.00
79) Terphenyl-d14	12.910	244	716626	58.939	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	105625	46.350	ng	96
3) Pyridine	3.375	79	243389	44.103	ng	95
4) n-Nitrosodimethylamine	3.340	42	111400	46.463	ng	93
6) Aniline	6.457	93	99243	13.661	ng	# 1
8) 2-Chlorophenol	6.581	128	295239	46.939	ng	99
9) Benzaldehyde	6.340	77	30410	6.059	ng	93
10) Phenol	6.457	94	347999	45.496	ng	95
11) bis(2-Chloroethyl)ether	6.528	93	273476	47.966	ng	96
12) 1,3-Dichlorobenzene	6.734	146	315597	44.617	ng	96
13) 1,4-Dichlorobenzene	6.810	146	315748	44.004	ng	98
14) 1,2-Dichlorobenzene	6.957	146	303070	44.916	ng	99
15) Benzyl Alcohol	6.940	79	219599	45.621	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.069	45	301621	41.132	ng	87
17) 2-Methylphenol	7.057	107	229959	45.254	ng	# 94
18) Hexachloroethane	7.298	117	96922	38.688	ng	94
19) n-Nitroso-di-n-propyla...	7.204	70	181240	43.708	ng	99
20) 3+4-Methylphenols	7.210	107	284723	45.141	ng	# 64
22) Acetophenone	7.198	105	397031	51.155	ng	# 94
24) Nitrobenzene	7.375	77	271818	46.475	ng	95
25) Isophorone	7.610	82	485031	46.435	ng	98
26) 2-Nitrophenol	7.687	139	142187	49.451	ng	94
27) 2,4-Dimethylphenol	7.734	122	209699	59.146	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	309573	48.231	ng	98
29) 2,4-Dichlorophenol	7.934	162	222071	47.453	ng	100
30) 1,2,4-Trichlorobenzene	8.010	180	251508	46.090	ng	99
31) Naphthalene	8.092	128	799861	46.148	ng	99
32) Benzoic acid	7.863	122	142269	40.450	ng	92
33) 4-Chloroaniline	8.145	127	59152	9.573	ng	98
34) Hexachlorobutadiene	8.204	225	145390	44.956	ng	98
35) Caprolactam	8.510	113	67951	47.150	ng	90
36) 4-Chloro-3-methylphenol	8.639	107	214801	43.229	ng	94
37) 2-Methylnaphthalene	8.781	142	479932	43.524	ng	94
38) 1-Methylnaphthalene	8.881	142	451486	41.725	ng	96
40) 1,2,4,5-Tetrachloroben...	8.951	216	227222	55.464	ng	99
41) Hexachlorocyclopentadiene	8.934	237	15436	10.170	ng	90
43) 2,4,6-Trichlorophenol	9.069	196	138334	51.859	ng	100

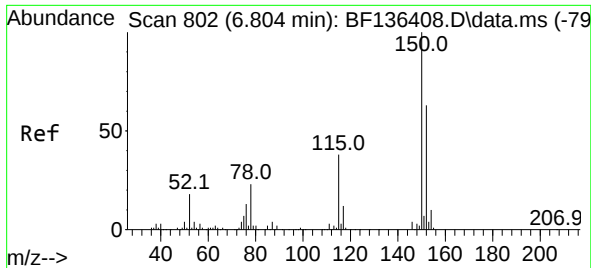
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	140240	47.105	ng	# 92
46) 1,1'-Biphenyl	9.251	154	593315	52.953	ng	98
47) 2-Chloronaphthalene	9.275	162	432240	49.564	ng	98
48) 2-Nitroaniline	9.375	65	116780	49.928	ng	90
49) Acenaphthylene	9.686	152	631064	50.798	ng	98
50) Dimethylphthalate	9.551	163	513356	52.952	ng	99
51) 2,6-Dinitrotoluene	9.616	165	104249	47.798	ng	97
52) Acenaphthene	9.863	154	375733	47.198	ng	94
53) 3-Nitroaniline	9.786	138	78905	35.428	ng	96
54) 2,4-Dinitrophenol	9.898	184	18196	16.501	ng	95
55) Dibenzofuran	10.033	168	551653	47.435	ng	98
56) 4-Nitrophenol	9.963	139	148829	89.139	ng	89
57) 2,4-Dinitrotoluene	10.022	165	123273	42.725	ng	97
58) Fluorene	10.375	166	417564	44.728	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	105421	44.206	ng	98
60) Diethylphthalate	10.251	149	445027	46.682	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	209618	46.060	ng	98
62) 4-Nitroaniline	10.398	138	86951	39.317	ng	96
63) Azobenzene	10.528	77	358432	41.308	ng	95
65) 4,6-Dinitro-2-methylph...	10.433	198	15330	11.629	ng	83
66) n-Nitrosodiphenylamine	10.492	169	363533	53.225	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	121704	49.177	ng	96
68) Hexachlorobenzene	10.928	284	134980	47.191	ng	94
69) Atrazine	11.022	200	113197	58.067	ng	97
70) Pentachlorophenol	11.128	266	137975	85.470	ng	97
71) Phenanthrene	11.345	178	606241	51.818	ng	98
72) Anthracene	11.398	178	595857	50.565	ng	98
73) Carbazole	11.557	167	525358	50.371	ng	99
74) Di-n-butylphthalate	11.886	149	613909	48.015	ng	99
75) Fluoranthene	12.539	202	709896	57.901	ng	99
77) Benzidine	12.663	184	91239	29.933	ng	99
78) Pyrene	12.769	202	741290	47.231	ng	98
80) Butylbenzylphthalate	13.392	149	266155	47.637	ng	96
81) Benzo(a)anthracene	13.963	228	586479	52.538	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	135959	43.439	ng	98
83) Chrysene	14.004	228	542908	49.432	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	351611	51.335	ng	98
85) Di-n-octyl phthalate	14.574	149	577378	57.069	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	383827	47.256	ng	100
88) Benzo(b)fluoranthene	15.021	252	460611	57.622	ng	99
89) Benzo(k)fluoranthene	15.051	252	352074	46.735	ng	98
90) Benzo(a)pyrene	15.398	252	345610	52.353	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	306189	46.015	ng	99
92) Benzo(g,h,i)perylene	17.427	276	308766	45.209	ng	98

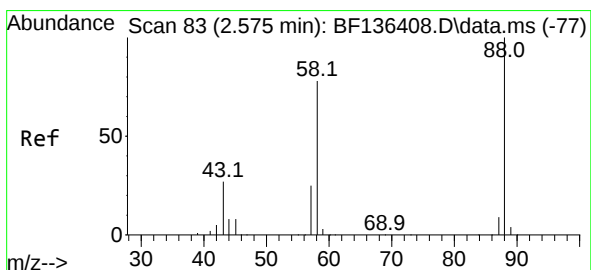
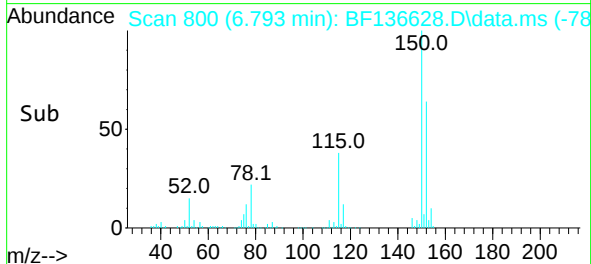
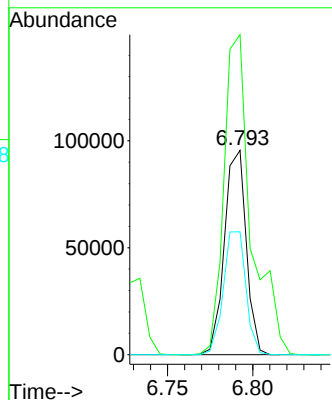
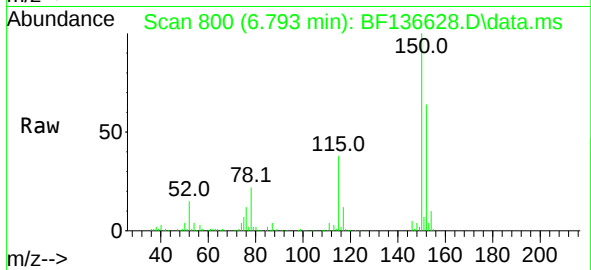
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 80
 Delta R.T. 0.001 min
 Lab File: BF136628.D
 Acq: 18 Dec 2023 22:20

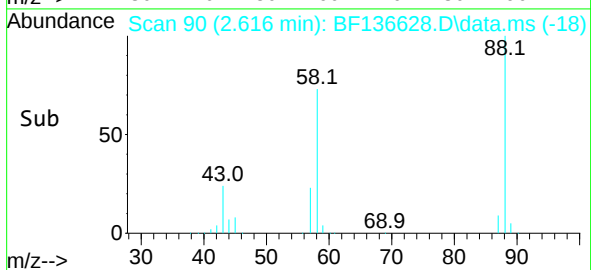
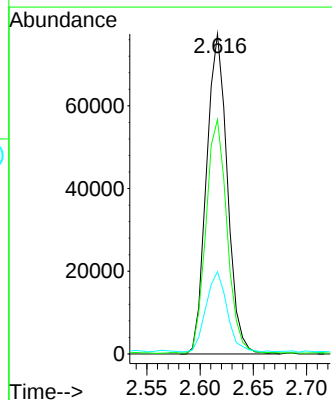
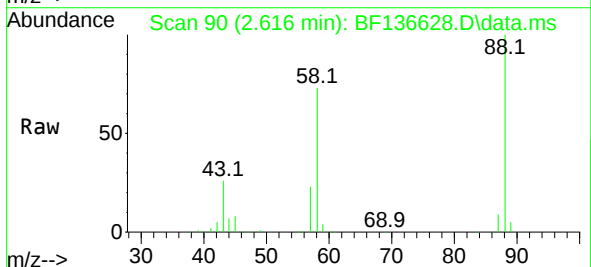
Instrument :
 BNA_F
 ClientSampleId :
 AU-14-STOCKPILE-BIN-5MSD

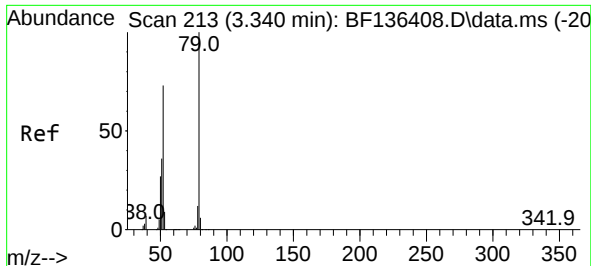
Tgt Ion:152 Resp: 85087
 Ion Ratio Lower Upper
 152 100
 150 156.6 126.4 189.6
 115 60.1 48.2 72.4



#2
 1,4-Dioxane
 Concen: 46.350 ng
 RT: 2.616 min Scan# 90
 Delta R.T. 0.071 min
 Lab File: BF136628.D
 Acq: 18 Dec 2023 22:20

Tgt Ion: 88 Resp: 105625
 Ion Ratio Lower Upper
 88 100
 58 73.7 62.2 93.2
 43 25.1 21.5 32.3

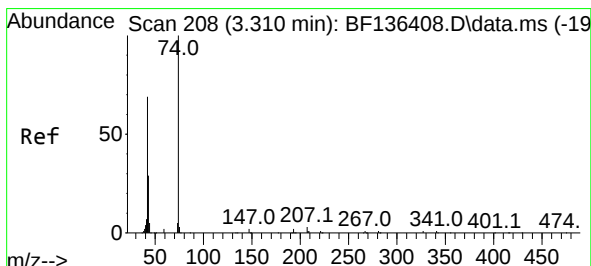
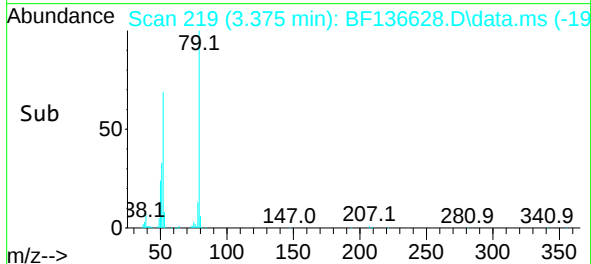
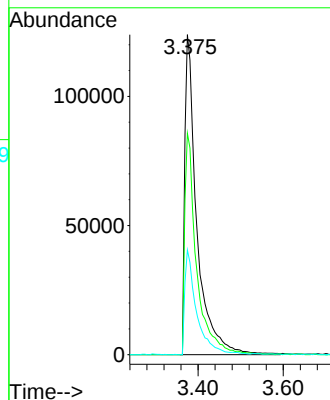
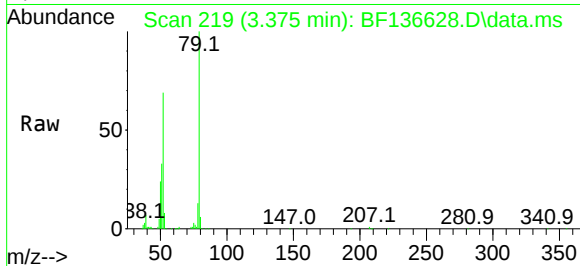




#3
Pyridine
Concen: 44.103 ng
RT: 3.375 min Scan# 213
Delta R.T. 0.071 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

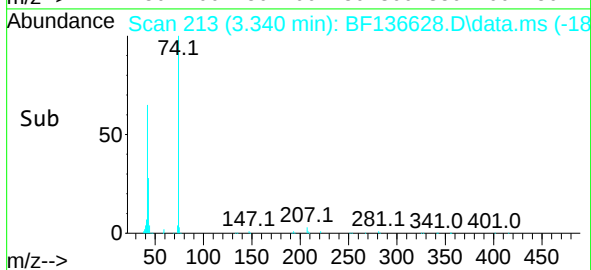
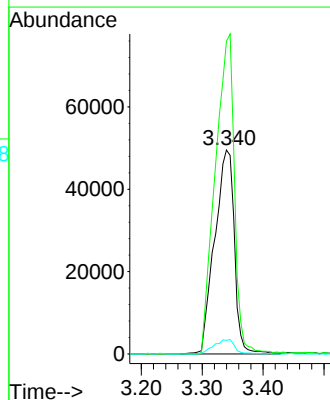
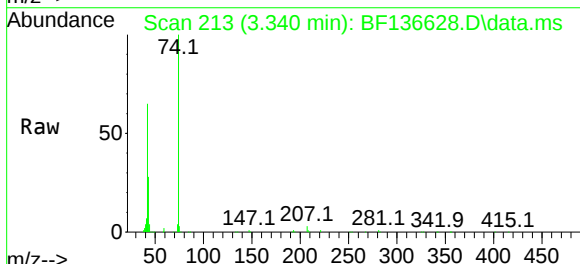
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MSD

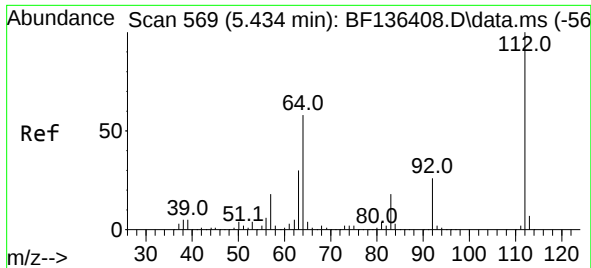
Tgt Ion: 79 Resp: 243389
Ion Ratio Lower Upper
79 100
52 69.2 58.2 87.2
51 32.7 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 46.463 ng
RT: 3.340 min Scan# 213
Delta R.T. 0.059 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

Tgt Ion: 42 Resp: 111400
Ion Ratio Lower Upper
42 100
74 153.3 115.4 173.0
44 6.7 6.2 9.2

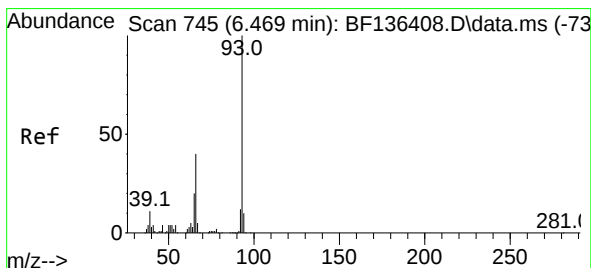
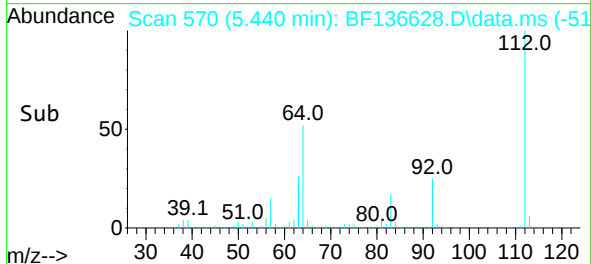
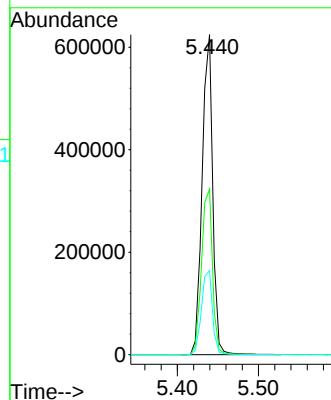
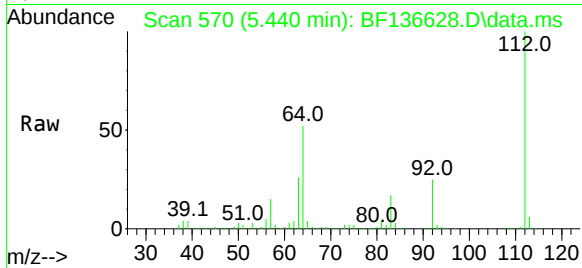




#5
2-Fluorophenol
Concen: 98.284 ng
RT: 5.440 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

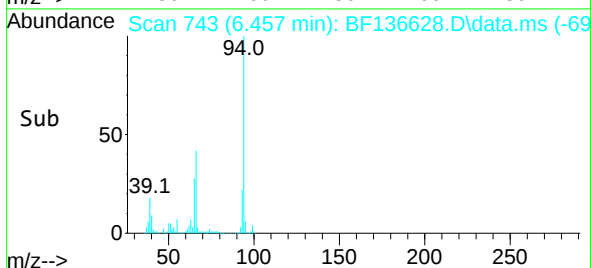
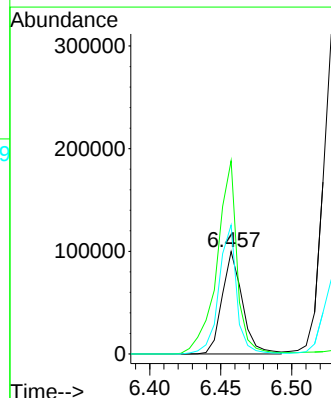
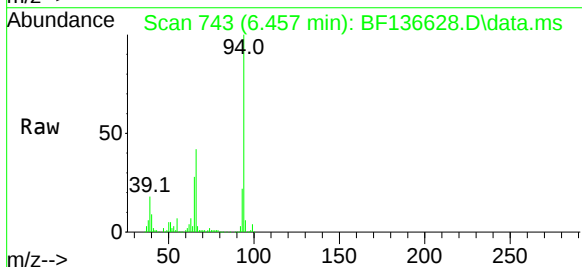
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BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MSD

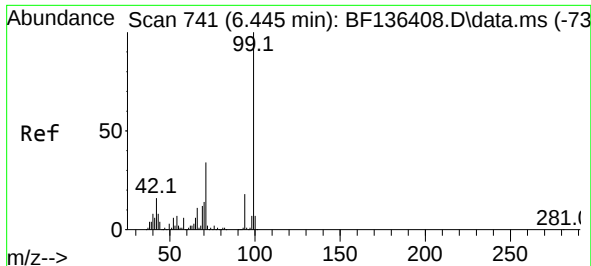
Tgt Ion:112 Resp: 566262
Ion Ratio Lower Upper
112 100
64 51.7 46.5 69.7
63 26.2 23.9 35.9



#6
Aniline
Concen: 13.661 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

Tgt Ion: 93 Resp: 99243
Ion Ratio Lower Upper
93 100
66 188.6 32.5 48.7#
65 125.9 16.4 24.6#

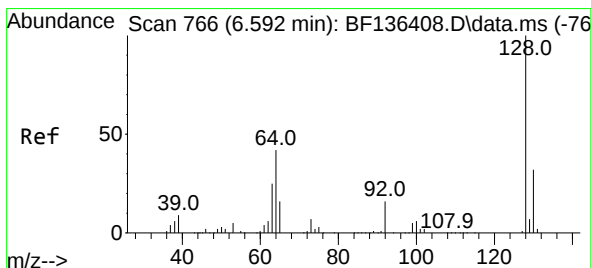
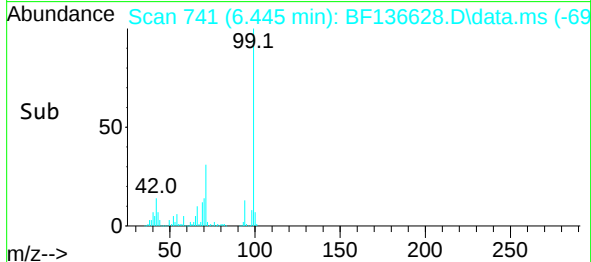
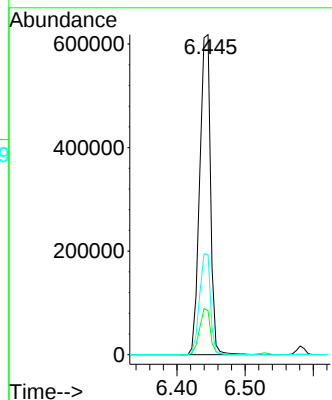
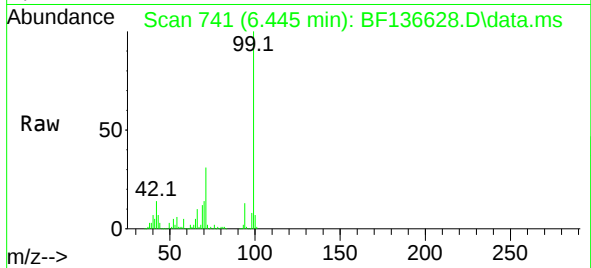




#7
Phenol-d6
Concen: 94.837 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

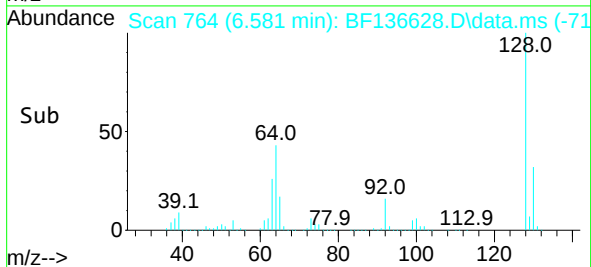
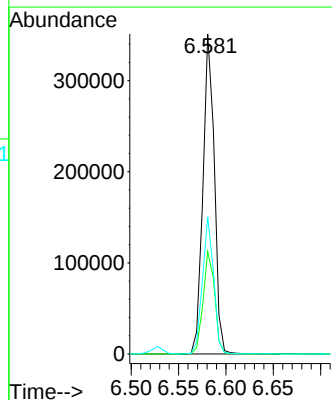
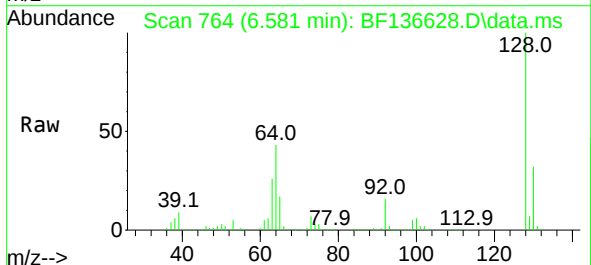
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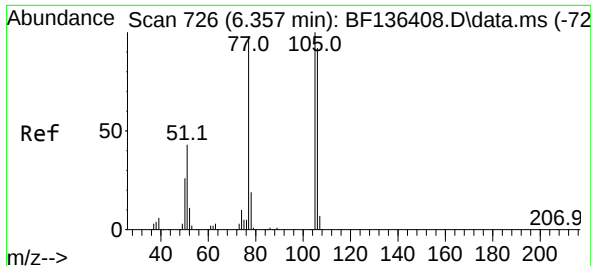
Tgt Ion: 99 Resp: 681719
Ion Ratio Lower Upper
99 100
42 13.7 12.8 19.2
71 31.3 27.0 40.4



#8
2-Chlorophenol
Concen: 46.939 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

Tgt Ion:128 Resp: 295239
Ion Ratio Lower Upper
128 100
130 32.0 11.7 51.7
64 42.9 22.5 62.5

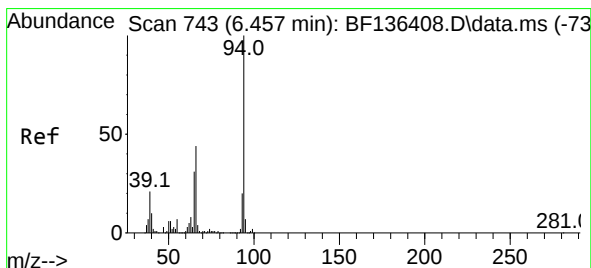
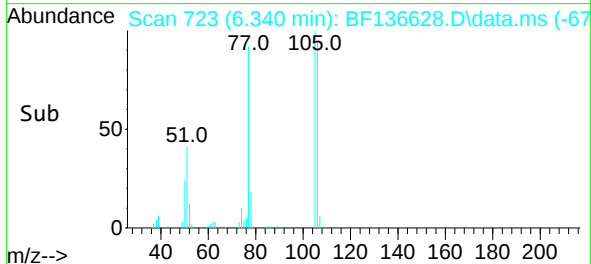
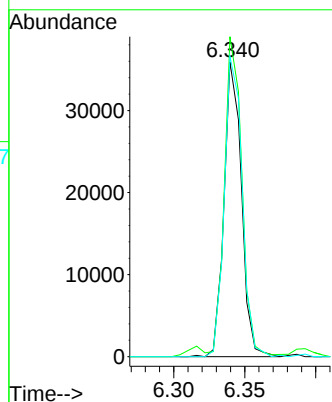
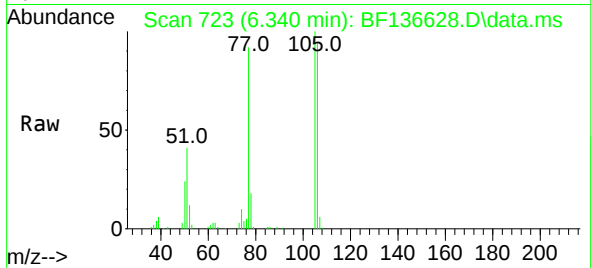




#9
Benzaldehyde
Concen: 6.059 ng
RT: 6.340 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

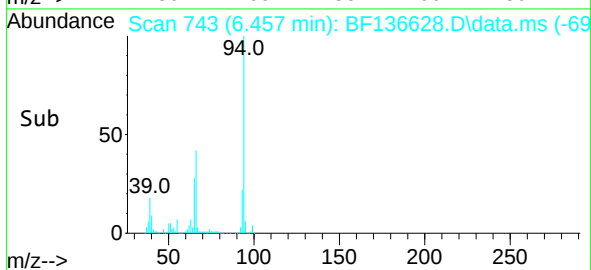
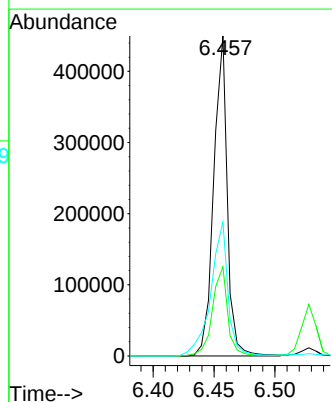
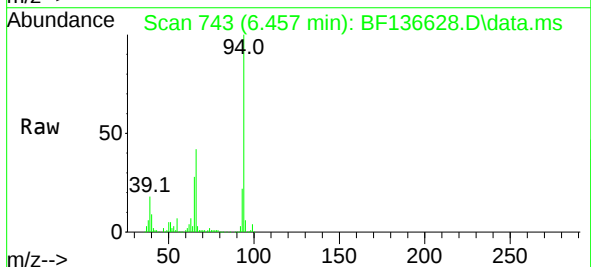
Instrument :
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AU-14-STOCKPILE-BIN-5MSD

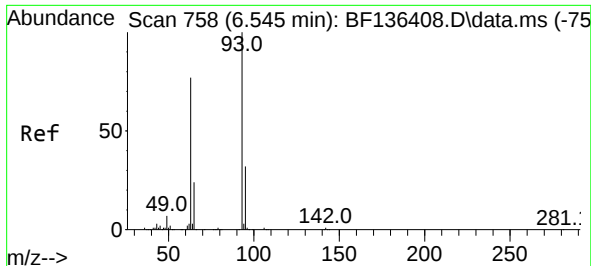
Tgt Ion: 77 Resp: 30410
Ion Ratio Lower Upper
77 100
105 108.6 82.5 122.5
106 101.9 74.5 114.5



#10
Phenol
Concen: 45.496 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

Tgt Ion: 94 Resp: 347999
Ion Ratio Lower Upper
94 100
65 27.9 11.2 51.2
66 41.8 24.2 64.2





#11

bis(2-Chloroethyl)ether

Concen: 47.966 ng

RT: 6.528 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136628.D

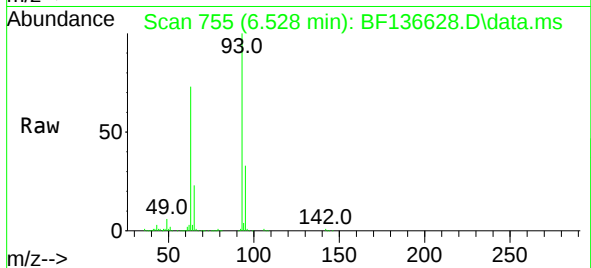
Acq: 18 Dec 2023 22:20

Instrument :

BNA_F

ClientSampleId :

AU-14-STOCKPILE-BIN-5MSD



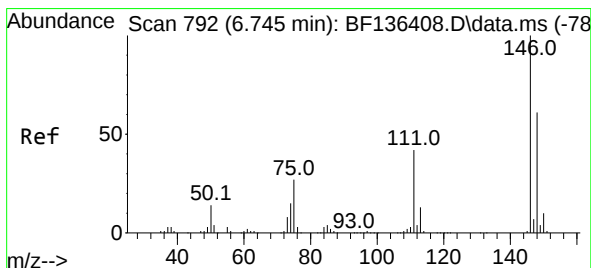
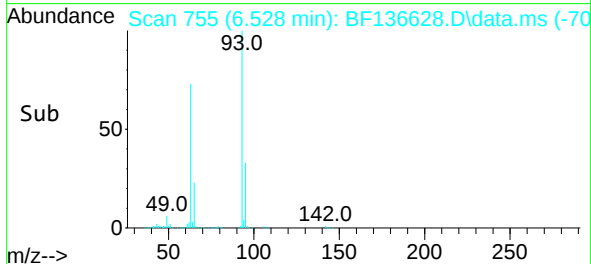
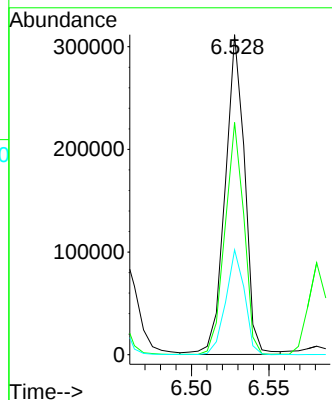
Tgt Ion: 93 Resp: 273476

Ion Ratio Lower Upper

93 100

63 72.6 56.8 96.8

95 32.7 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 44.617 ng

RT: 6.734 min Scan# 790

Delta R.T. 0.000 min

Lab File: BF136628.D

Acq: 18 Dec 2023 22:20

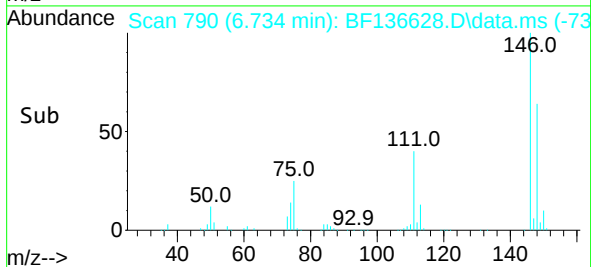
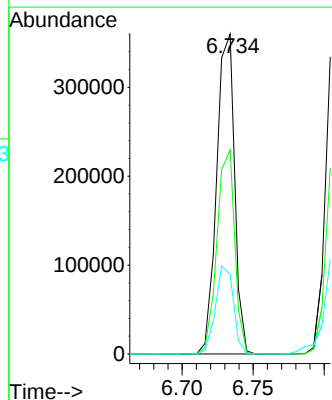
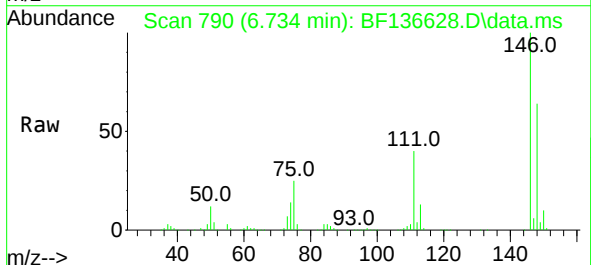
Tgt Ion:146 Resp: 315597

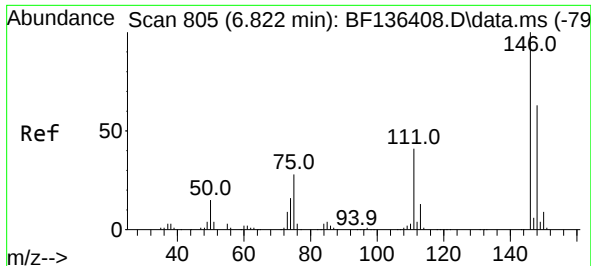
Ion Ratio Lower Upper

146 100

148 63.7 49.0 73.6

75 24.8 21.8 32.6





#13

1,4-Dichlorobenzene

Concen: 44.004 ng

RT: 6.810 min Scan# 80

Delta R.T. 0.000 min

Lab File: BF136628.D

Acq: 18 Dec 2023 22:20

Instrument :

BNA_F

ClientSampleId :

AU-14-STOCKPILE-BIN-5MSD

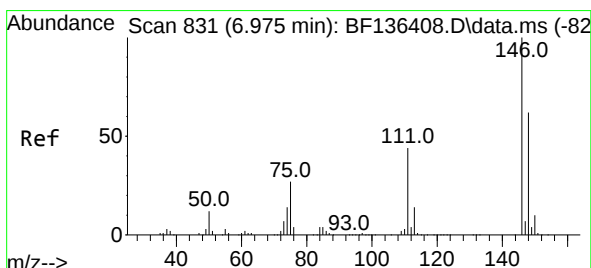
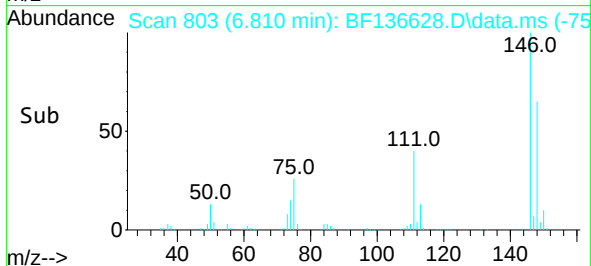
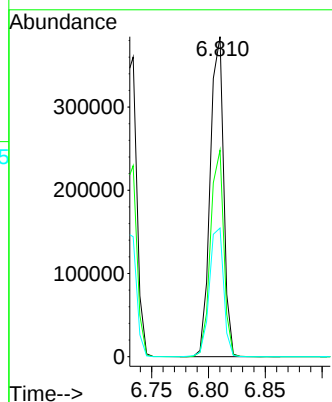
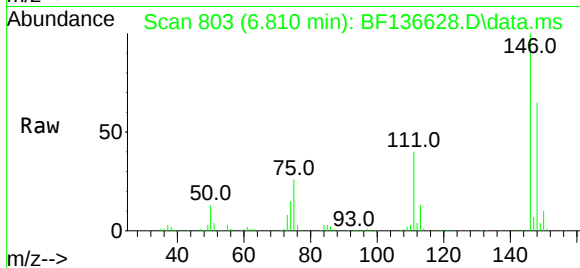
Tgt Ion:146 Resp: 315748

Ion Ratio Lower Upper

146 100

148 64.6 50.3 75.5

111 40.2 32.6 49.0



#14

1,2-Dichlorobenzene

Concen: 44.916 ng

RT: 6.957 min Scan# 828

Delta R.T. -0.006 min

Lab File: BF136628.D

Acq: 18 Dec 2023 22:20

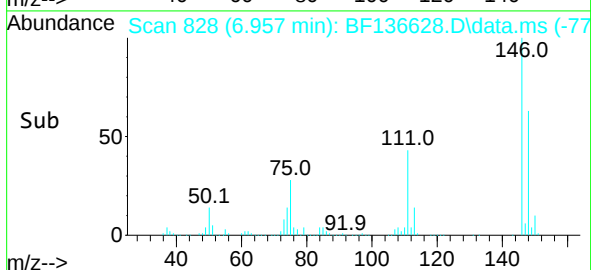
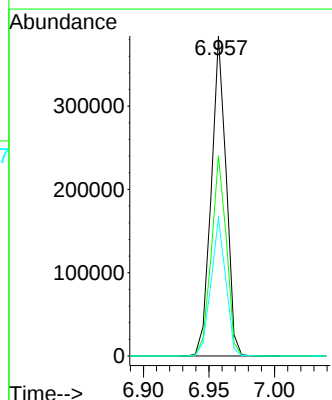
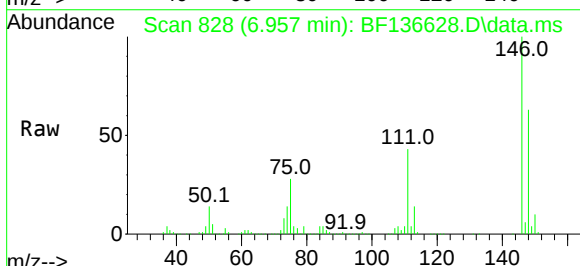
Tgt Ion:146 Resp: 303070

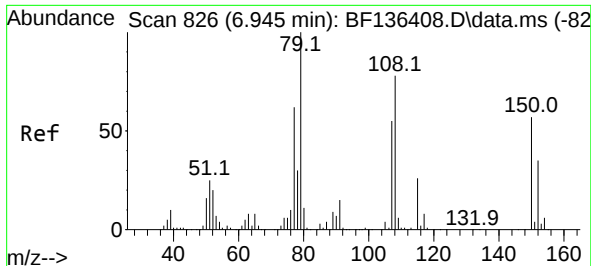
Ion Ratio Lower Upper

146 100

148 62.6 49.8 74.6

111 43.2 34.9 52.3

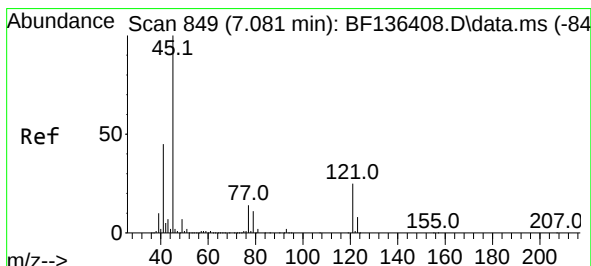
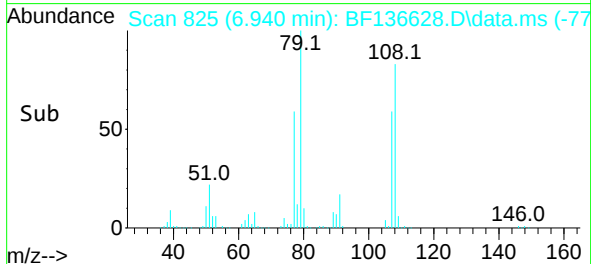
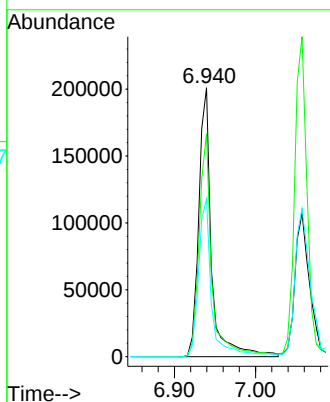
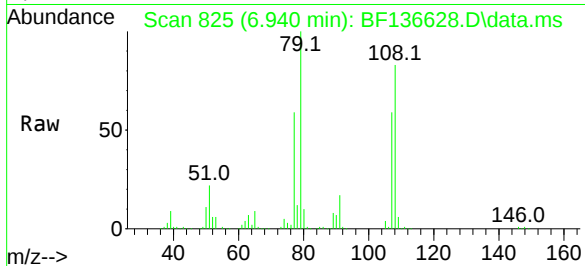




#15
Benzyl Alcohol
Concen: 45.621 ng
RT: 6.940 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

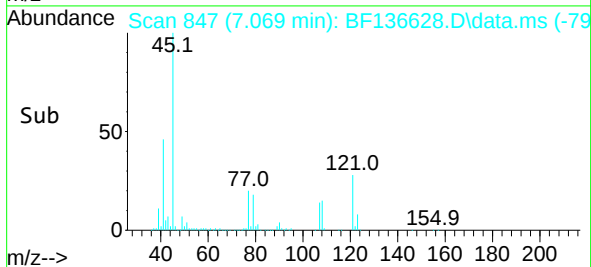
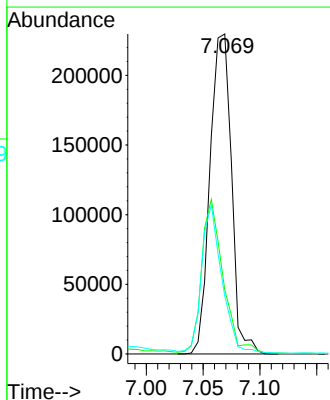
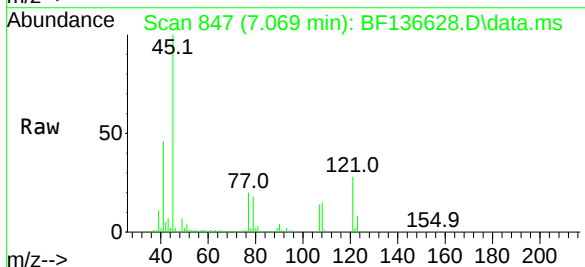
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MSD

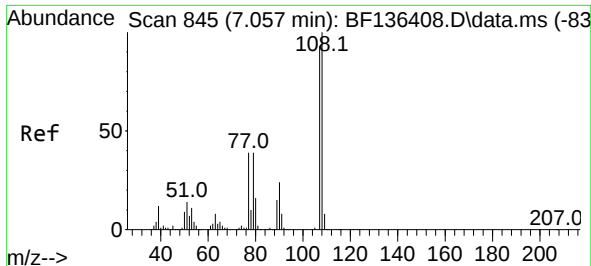
Tgt Ion: 79 Resp: 219599
Ion Ratio Lower Upper
79 100
108 82.9 62.3 93.5
77 58.6 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.132 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

Tgt Ion: 45 Resp: 301621
Ion Ratio Lower Upper
45 100
77 20.0 0.0 35.3
79 18.1 0.0 32.5

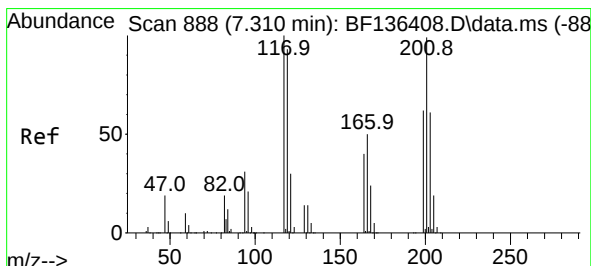
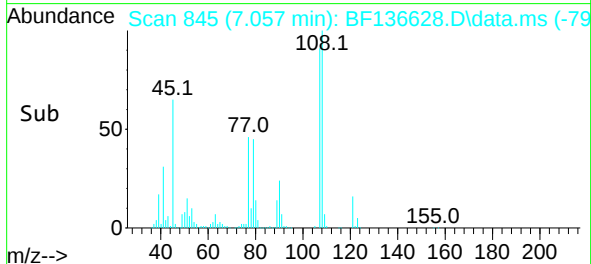
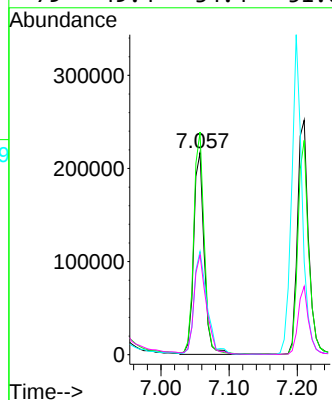
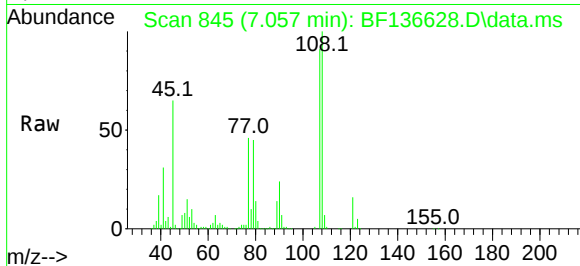




#17
2-Methylphenol
Concen: 45.254 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

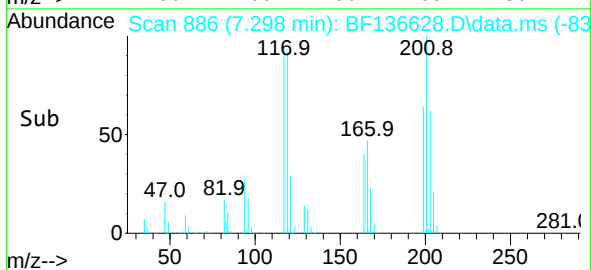
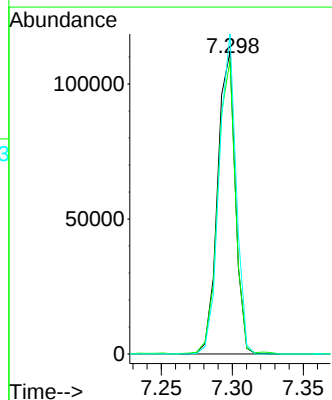
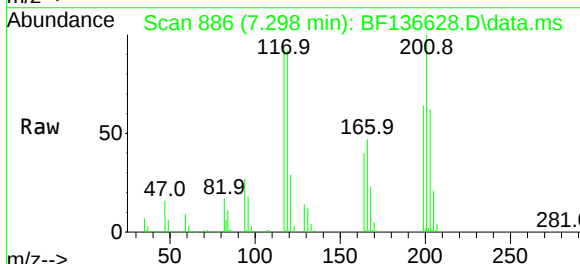
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MSD

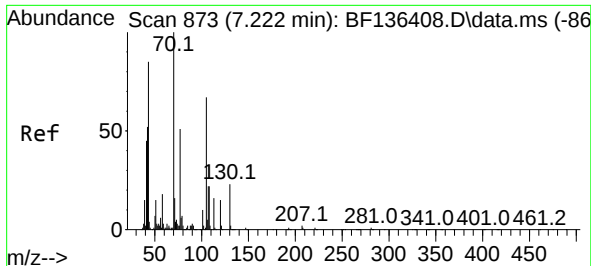
Tgt Ion:	107	Resp:	229959
Ion	Ratio	Lower	Upper
107	100		
108	110.3	86.5	129.7
77	51.1	33.8	50.8#
79	49.4	34.4	51.6



#18
Hexachloroethane
Concen: 38.688 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

Tgt Ion:	117	Resp:	96922
Ion	Ratio	Lower	Upper
117	100		
119	97.2	74.3	111.5
201	106.0	79.3	118.9

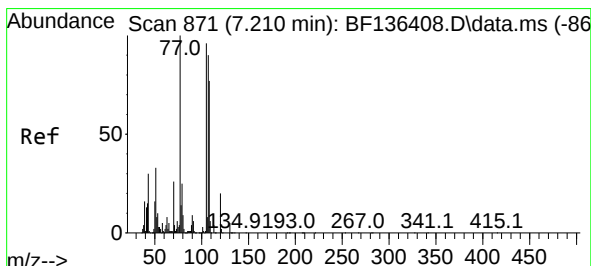
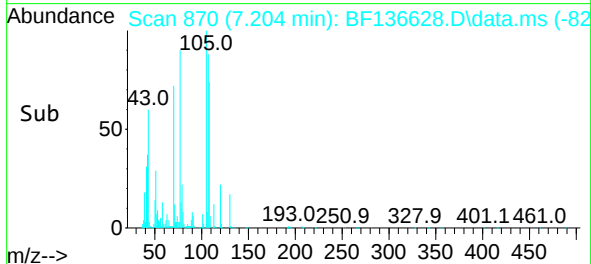
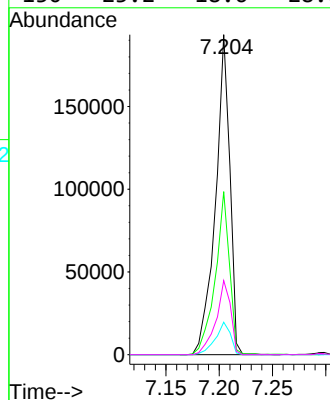
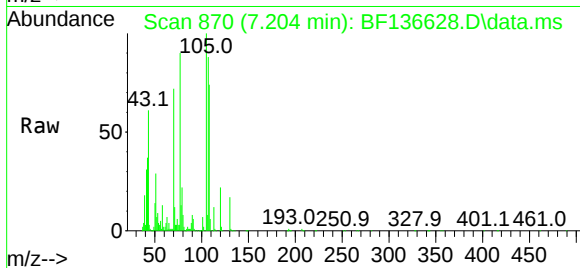




#19
n-Nitroso-di-n-propylamine
Concen: 43.708 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

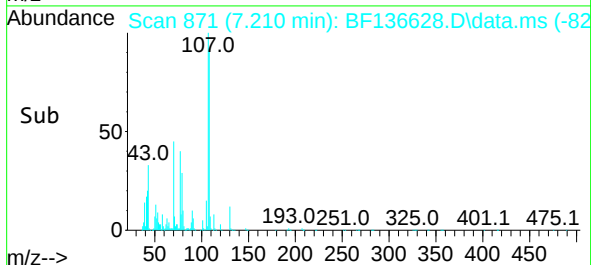
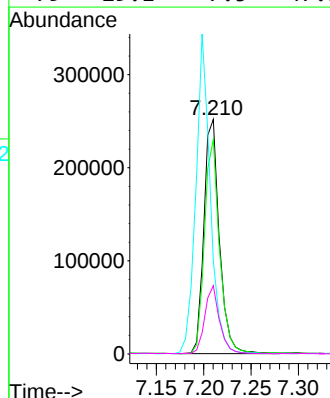
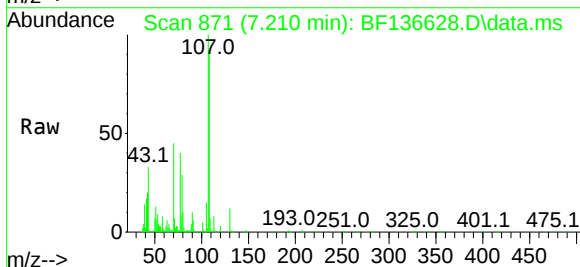
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MSD

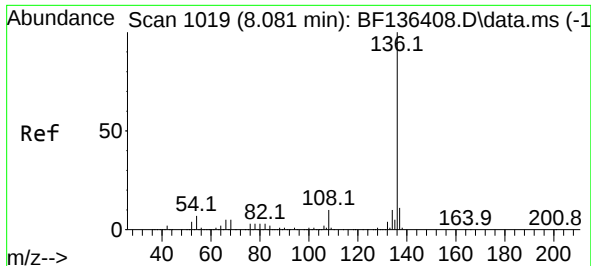
Tgt Ion:	70	Resp:	181240
Ion	Ratio	Lower	Upper
70	100		
42	50.9	41.4	62.0
101	10.2	8.2	12.4
130	23.2	18.6	28.0



#20
3+4-Methylphenols
Concen: 45.141 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

Tgt Ion:	107	Resp:	284723
Ion	Ratio	Lower	Upper
107	100		
108	91.4	65.9	105.9
77	39.6	91.7	131.7#
79	29.1	7.5	47.5

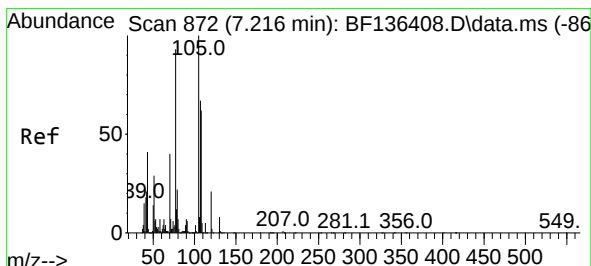
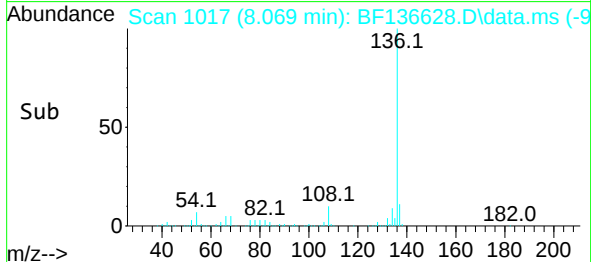
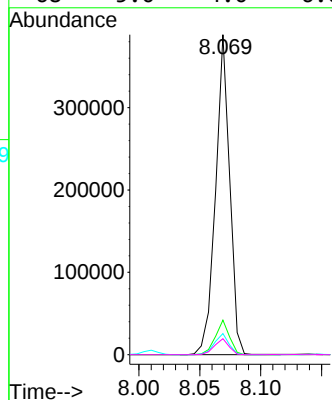
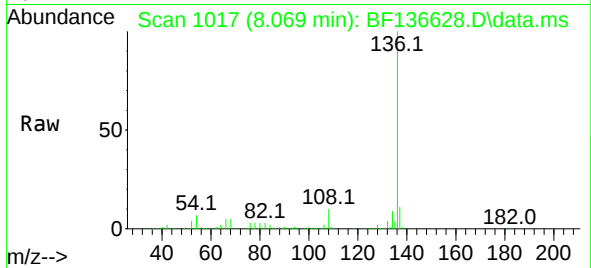




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

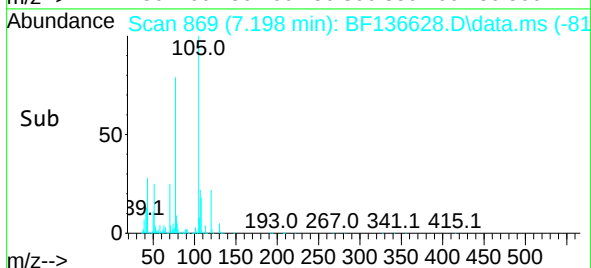
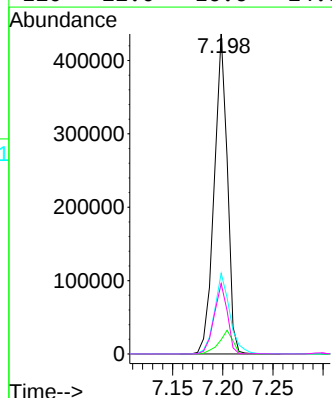
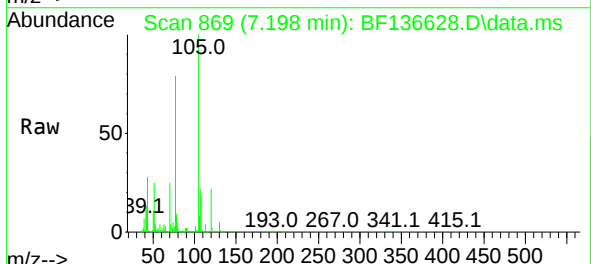
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MSD

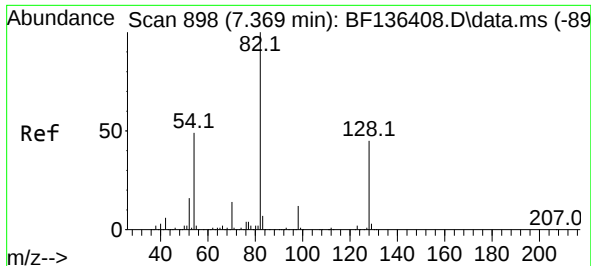
Tgt Ion:136	Resp:	314305
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.6 12.8
54	6.6	5.7 8.5
68	5.0	4.0 6.0



#22
Acetophenone
Concen: 51.155 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

Tgt Ion:105	Resp:	397031
Ion Ratio	Lower	Upper
105	100	
71	4.4	5.4 8.0#
51	25.2	23.4 35.2
120	22.0	16.6 24.8

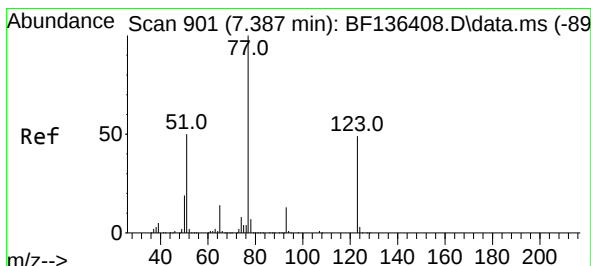
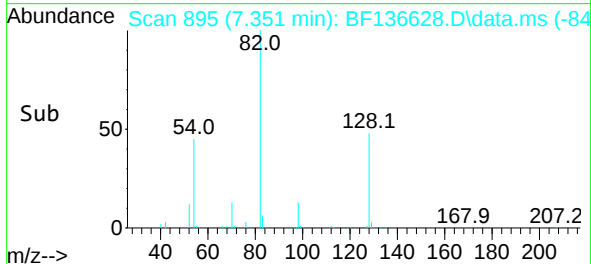
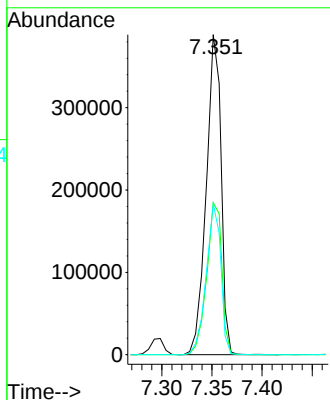
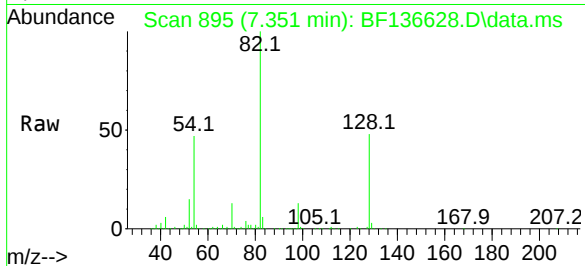




#23
Nitrobenzene-d5
Concen: 68.737 ng
RT: 7.351 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

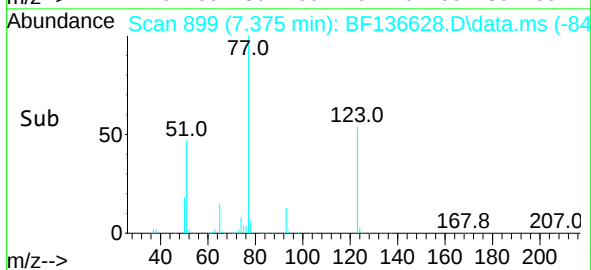
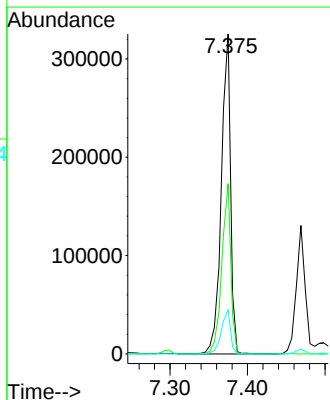
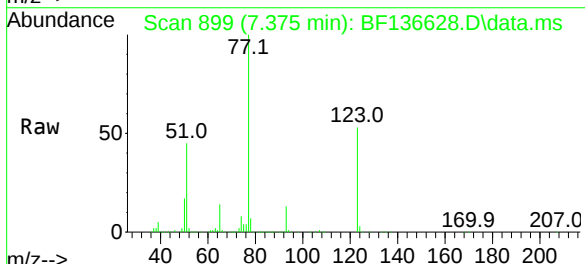
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MSD

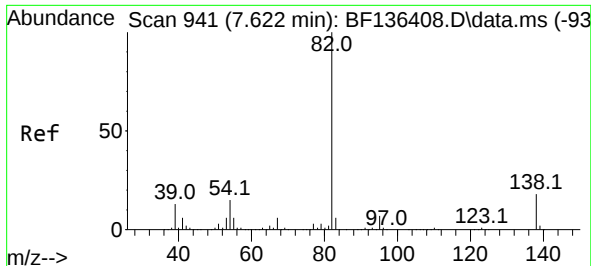
Tgt Ion: 82 Resp: 399634
Ion Ratio Lower Upper
82 100
128 47.5 36.3 54.5
54 47.2 39.0 58.6



#24
Nitrobenzene
Concen: 46.475 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

Tgt Ion: 77 Resp: 271818
Ion Ratio Lower Upper
77 100
123 53.2 39.0 58.6
65 13.8 11.3 16.9

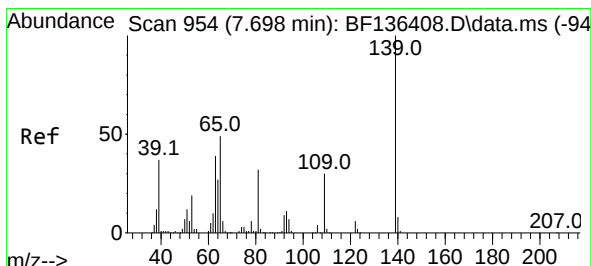
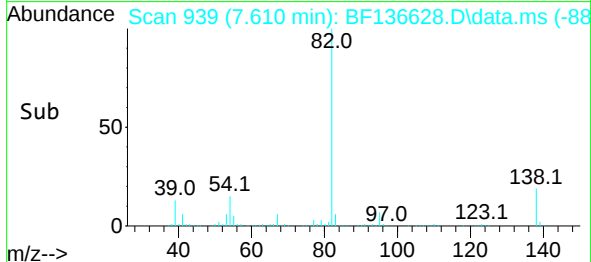
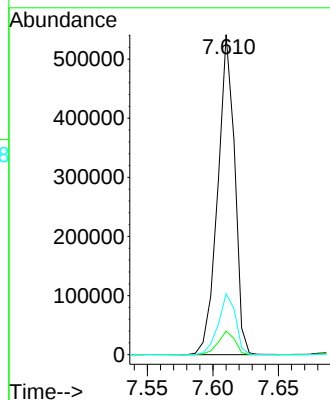
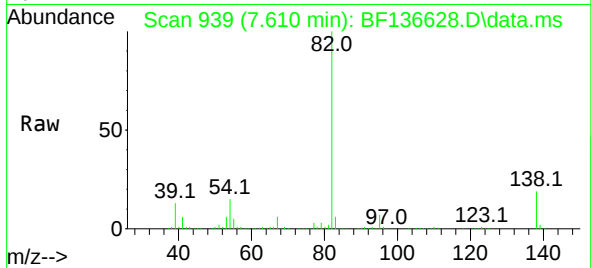




#25
Isophorone
Concen: 46.435 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

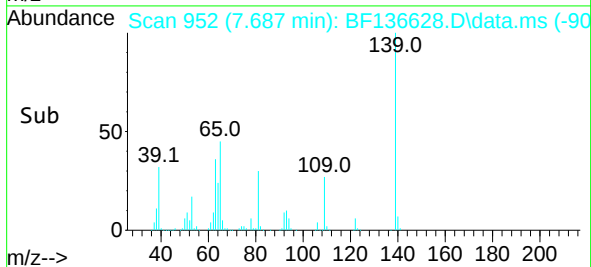
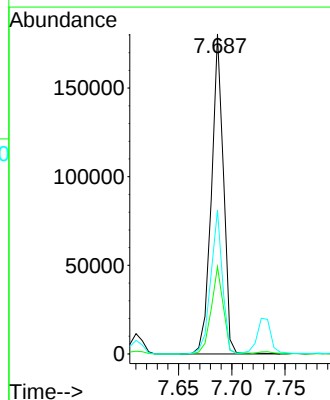
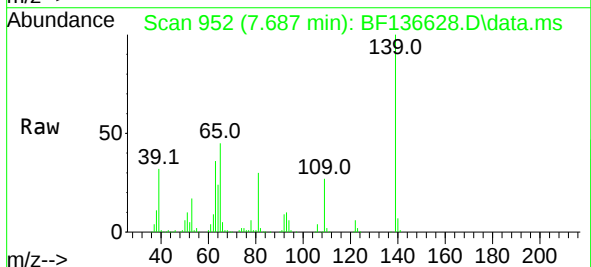
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MSD

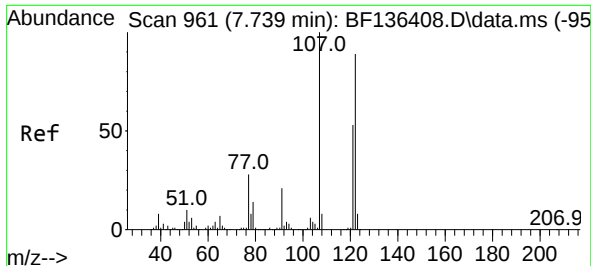
Tgt Ion: 82 Resp: 485031
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 19.0 14.5 21.7



#26
2-Nitrophenol
Concen: 49.451 ng
RT: 7.687 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

Tgt Ion:139 Resp: 142187
Ion Ratio Lower Upper
139 100
109 27.2 23.6 35.4
65 45.0 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 59.146 ng

RT: 7.734 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF136628.D

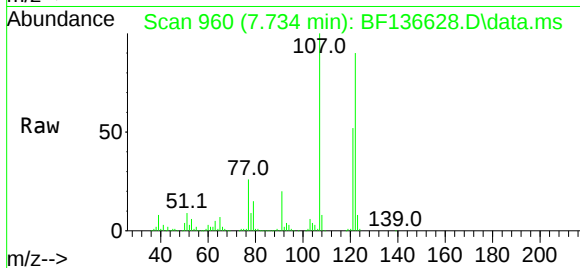
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Instrument :

BNA_F

ClientSampleId :

AU-14-STOCKPILE-BIN-5MSD



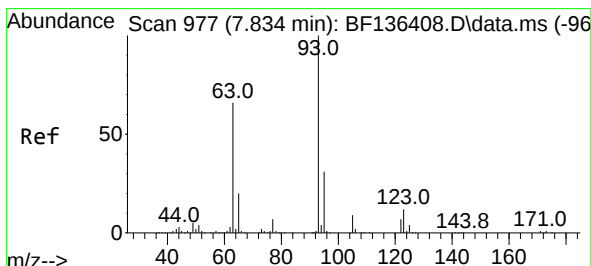
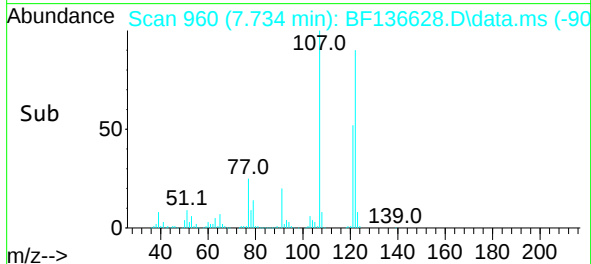
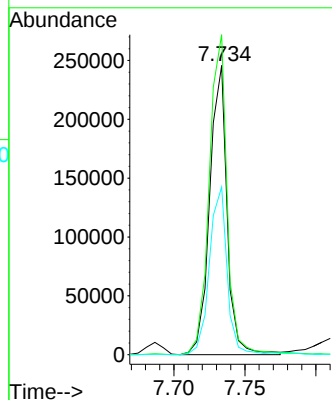
Tgt Ion:122 Resp: 209699

Ion Ratio Lower Upper

122 100

107 110.7 89.3 133.9

121 58.0 47.6 71.4



#28

bis(2-Chloroethoxy)methane

Concen: 48.231 ng

RT: 7.822 min Scan# 975

Delta R.T. 0.000 min

Lab File: BF136628.D

Acq: 18 Dec 2023 22:20

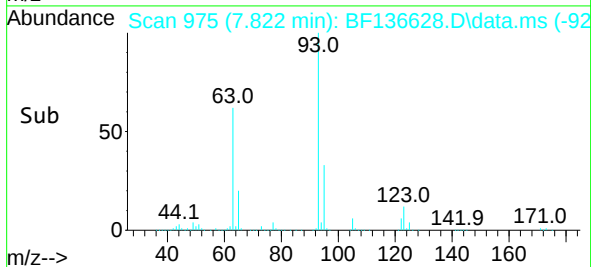
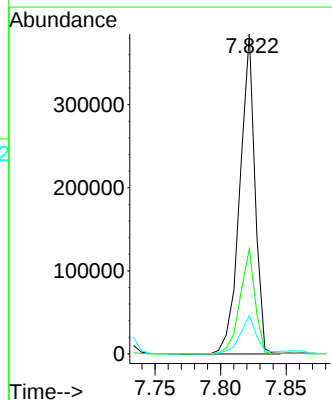
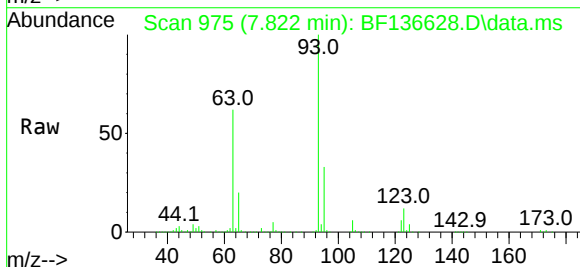
Tgt Ion: 93 Resp: 309573

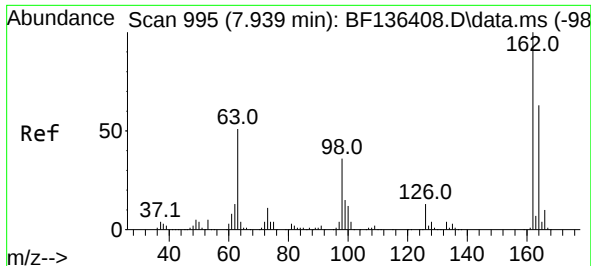
Ion Ratio Lower Upper

93 100

95 32.8 25.0 37.4

123 12.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.453 ng

RT: 7.934 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF136628.D

Acq: 18 Dec 2023 22:20

Instrument :

BNA_F

ClientSampleId :

AU-14-STOCKPILE-BIN-5MSD

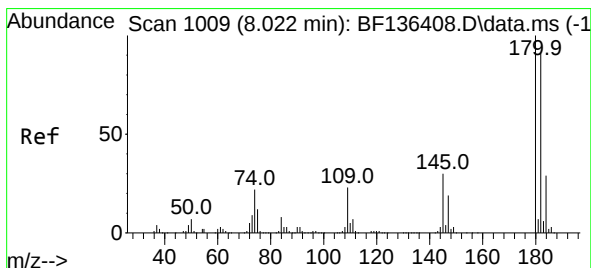
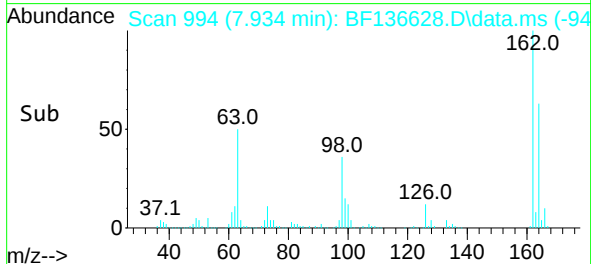
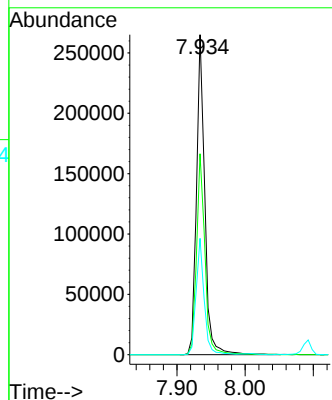
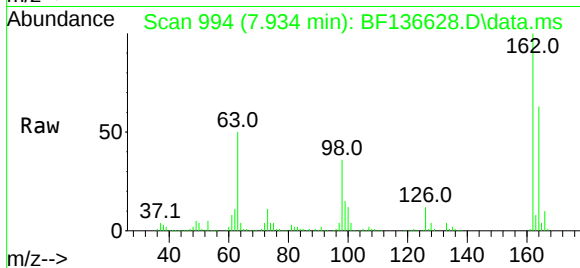
Tgt Ion:162 Resp: 222071

Ion Ratio Lower Upper

162 100

164 62.8 43.0 83.0

98 36.4 16.2 56.2



#30

1,2,4-Trichlorobenzene

Concen: 46.090 ng

RT: 8.010 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF136628.D

Acq: 18 Dec 2023 22:20

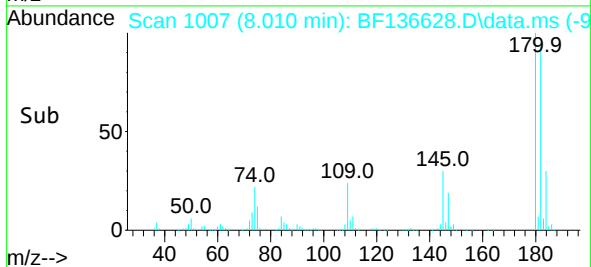
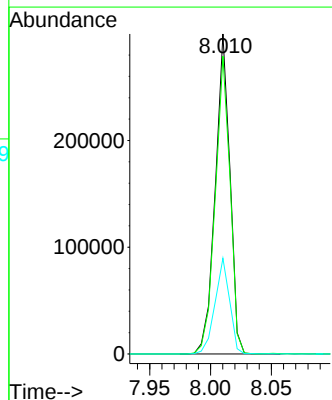
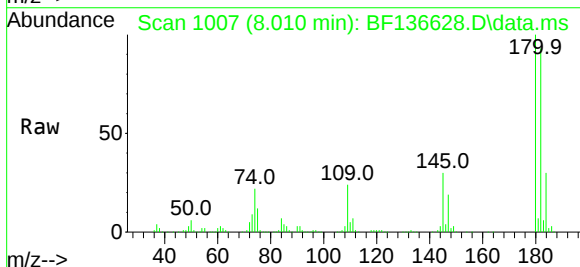
Tgt Ion:180 Resp: 251508

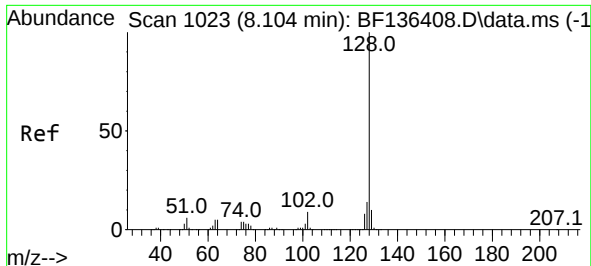
Ion Ratio Lower Upper

180 100

182 93.0 73.1 109.7

145 29.9 23.8 35.8

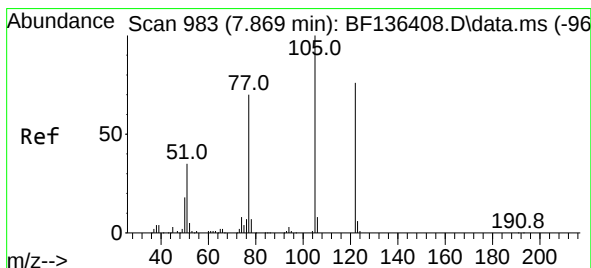
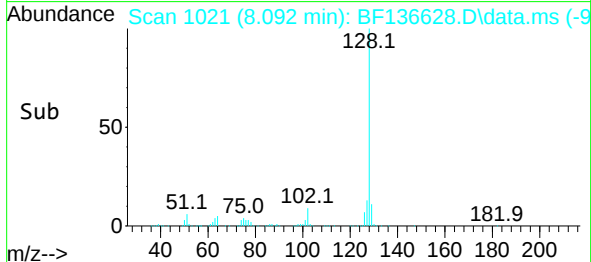
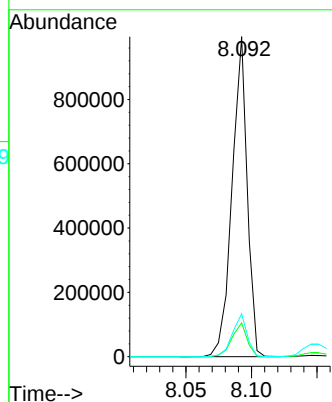
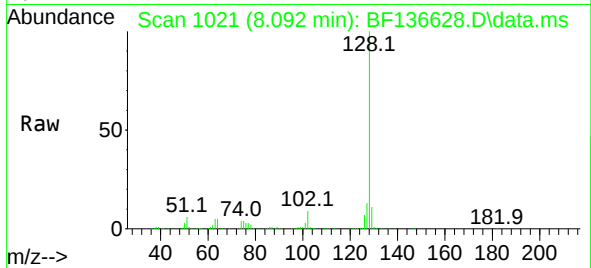




#31
Naphthalene
Concen: 46.148 ng
RT: 8.092 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

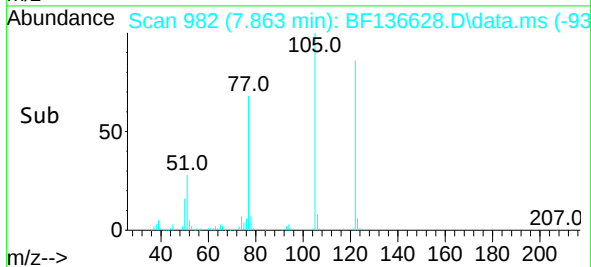
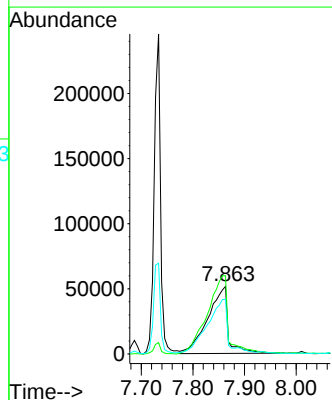
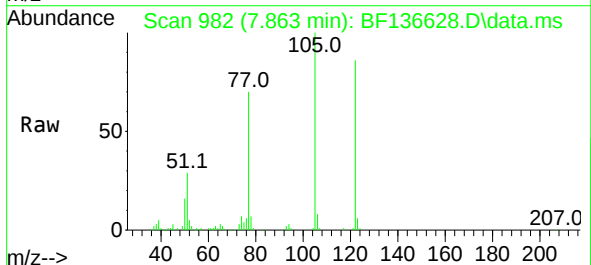
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MSD

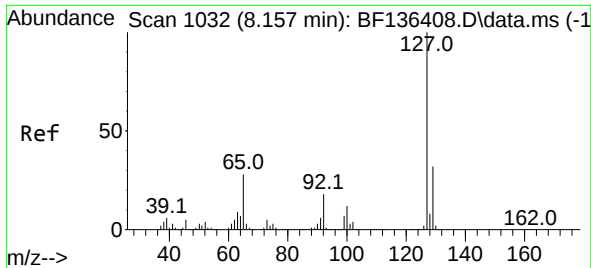
Tgt Ion:128 Resp: 799861
Ion Ratio Lower Upper
128 100
129 10.6 8.3 12.5
127 13.4 11.1 16.7



#32
Benzoic acid
Concen: 40.450 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.012 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

Tgt Ion:122 Resp: 142269
Ion Ratio Lower Upper
122 100
105 115.7 104.7 144.7
77 80.9 68.5 108.5

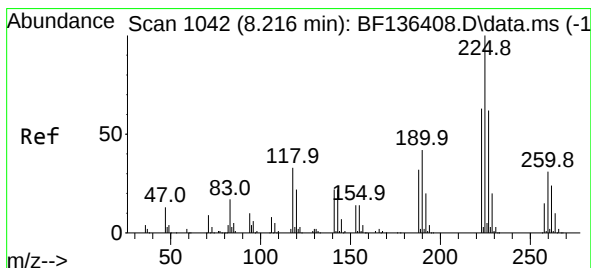
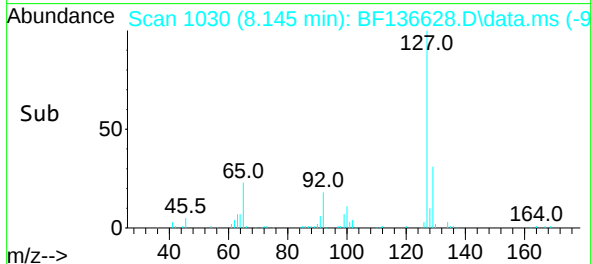
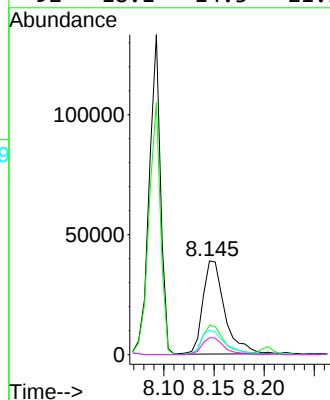
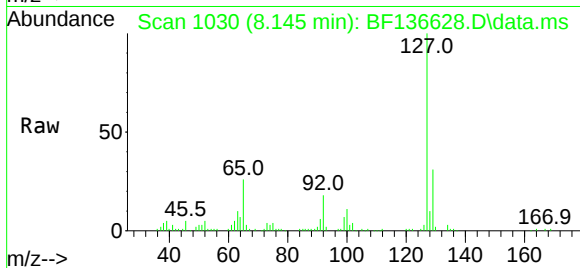




#33
4-Chloroaniline
Concen: 9.573 ng
RT: 8.145 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

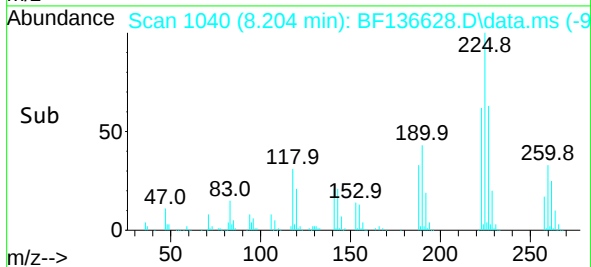
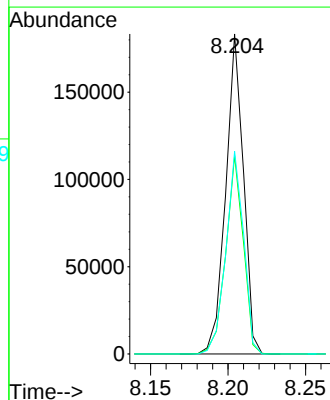
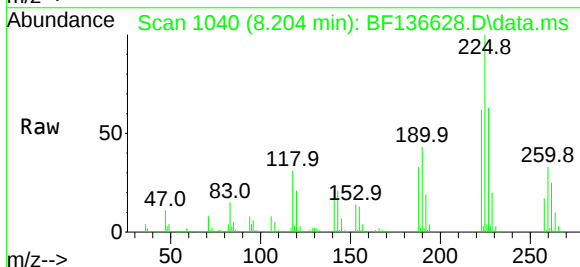
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MSD

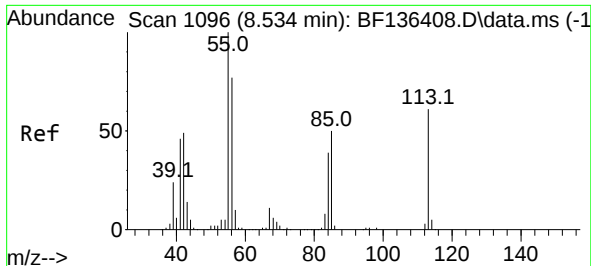
Tgt Ion:	127	Resp:	59152
Ion Ratio	Lower	Upper	
127	100		
129	31.3	25.4	38.2
65	26.2	22.5	33.7
92	18.1	14.3	21.5



#34
Hexachlorobutadiene
Concen: 44.956 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

Tgt Ion:	225	Resp:	145390
Ion Ratio	Lower	Upper	
225	100		
223	62.0	50.8	76.2
227	63.3	49.8	74.8

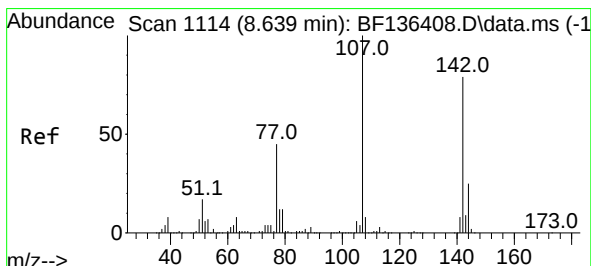
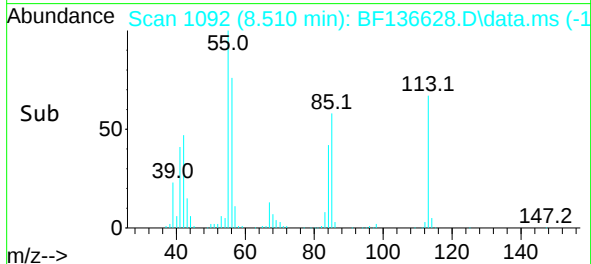
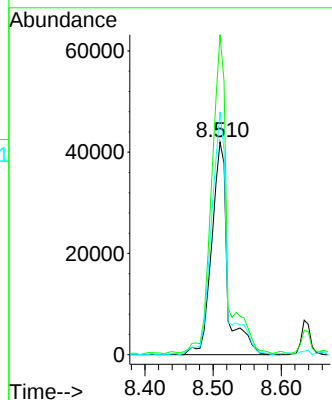
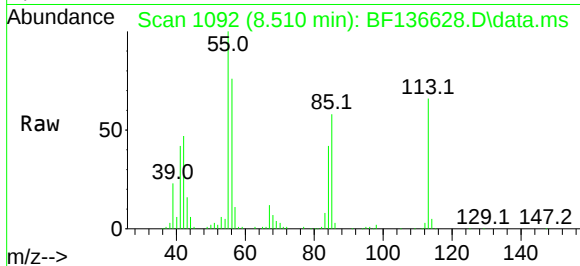




#35
 Caprolactam
 Concen: 47.150 ng
 RT: 8.510 min Scan# 1096
 Delta R.T. -0.018 min
 Lab File: BF136628.D
 Acq: 18 Dec 2023 22:20

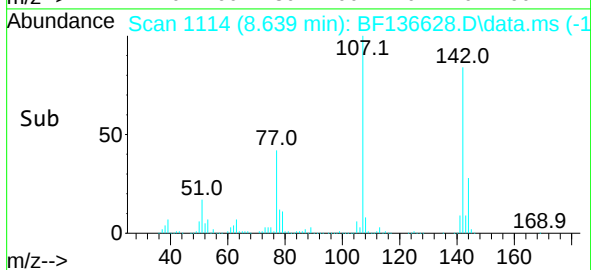
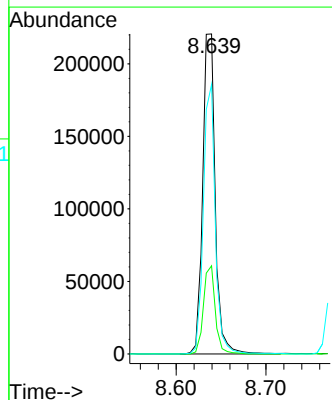
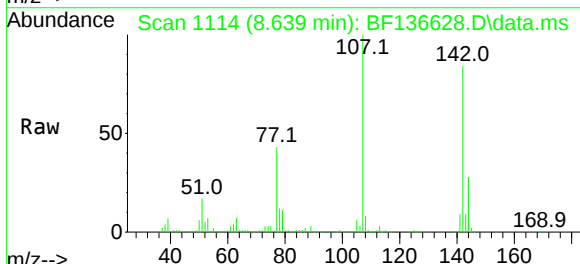
Instrument :
 BNA_F
 ClientSampleId :
 AU-14-STOCKPILE-BIN-5MSD

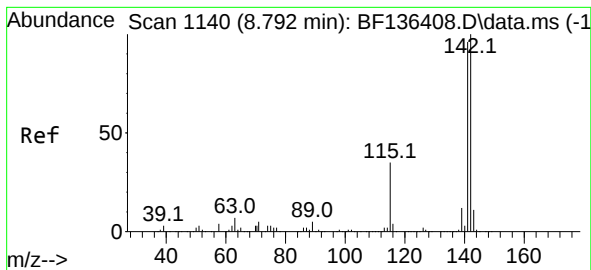
Tgt Ion:113 Resp: 67951
 Ion Ratio Lower Upper
 113 100
 55 150.6 143.7 183.7
 56 114.2 105.2 145.2



#36
 4-Chloro-3-methylphenol
 Concen: 43.229 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.006 min
 Lab File: BF136628.D
 Acq: 18 Dec 2023 22:20

Tgt Ion:107 Resp: 214801
 Ion Ratio Lower Upper
 107 100
 144 27.6 20.1 30.1
 142 84.2 63.1 94.7





#37

2-Methylnaphthalene

Concen: 43.524 ng

RT: 8.781 min Scan# 1138

Delta R.T. -0.006 min

Lab File: BF136628.D

Acq: 18 Dec 2023 22:20

Instrument :

BNA_F

ClientSampleId :

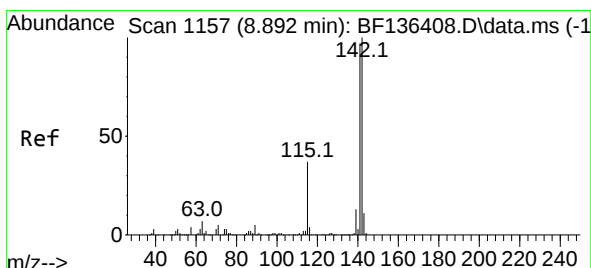
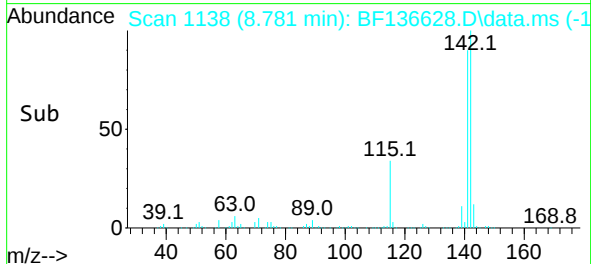
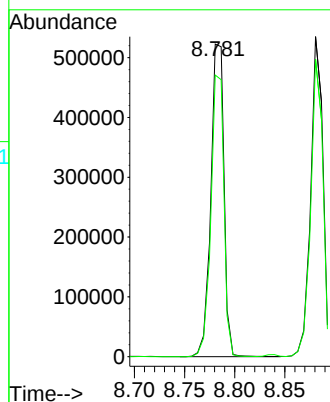
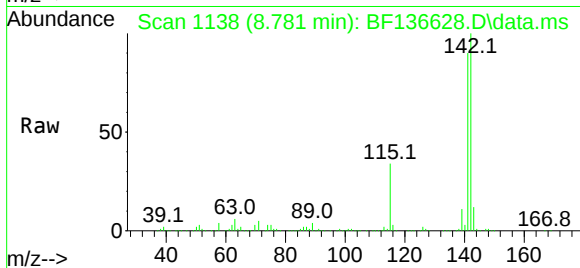
AU-14-STOCKPILE-BIN-5MSD

Tgt Ion:142 Resp: 479932

Ion Ratio Lower Upper

142 100

141 90.1 76.4 114.6



#38

1-Methylnaphthalene

Concen: 41.725 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF136628.D

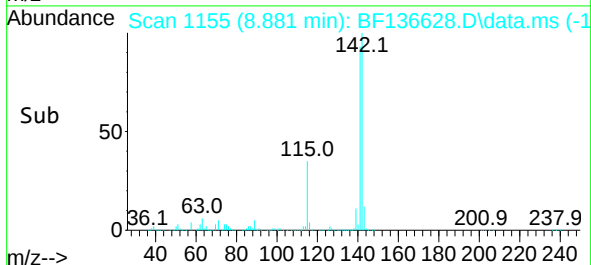
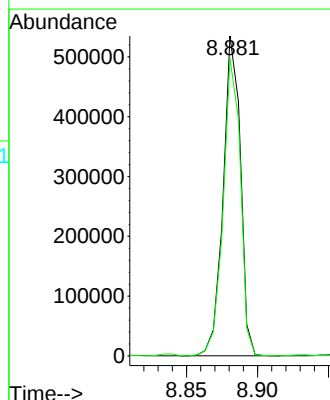
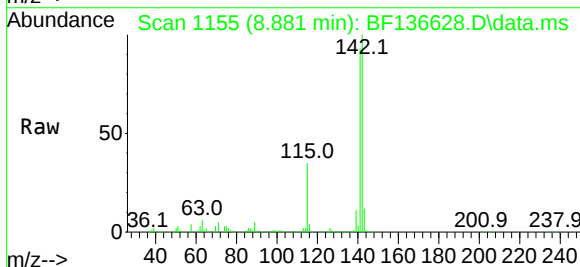
Acq: 18 Dec 2023 22:20

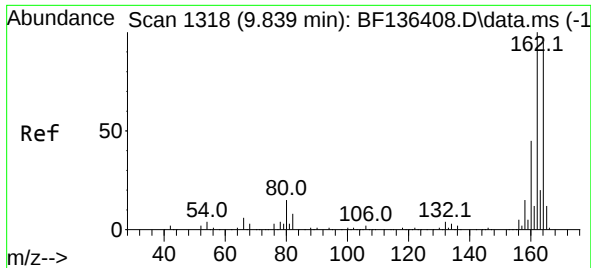
Tgt Ion:142 Resp: 451486

Ion Ratio Lower Upper

142 100

141 93.0 77.7 116.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF136628.D

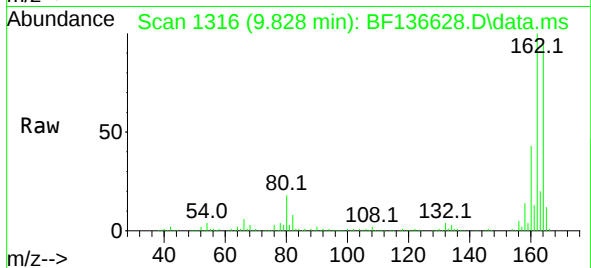
Acq: 18 Dec 2023 22:20

Instrument :

BNA_F

ClientSampleId :

AU-14-STOCKPILE-BIN-5MSD



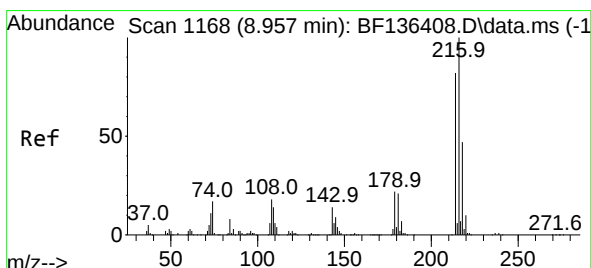
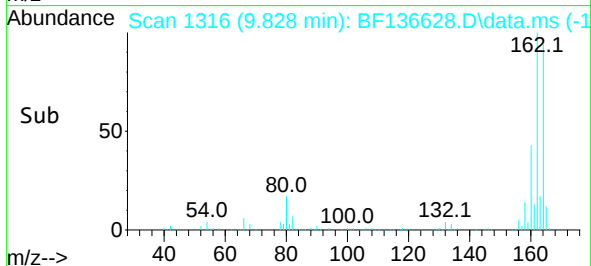
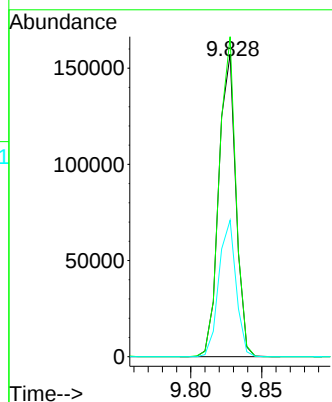
Tgt Ion:164 Resp: 131680

Ion Ratio Lower Upper

164 100

162 105.8 84.4 126.6

160 45.1 37.6 56.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 55.464 ng

RT: 8.951 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF136628.D

Acq: 18 Dec 2023 22:20

Tgt Ion:216 Resp: 227222

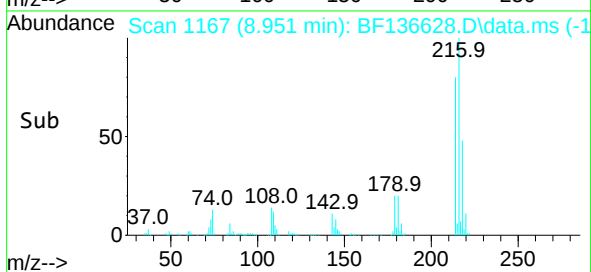
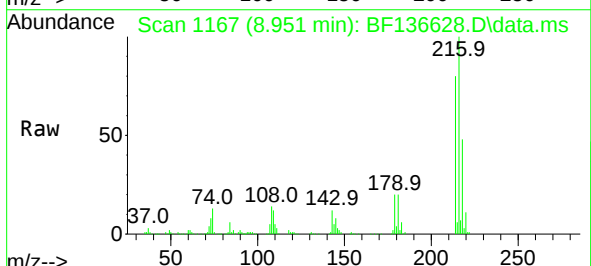
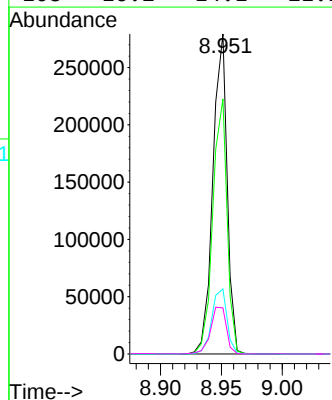
Ion Ratio Lower Upper

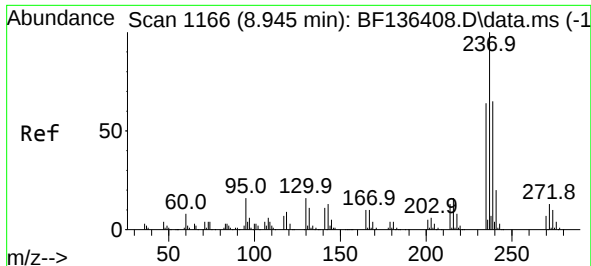
216 100

214 79.6 64.1 96.1

179 21.6 17.0 25.6

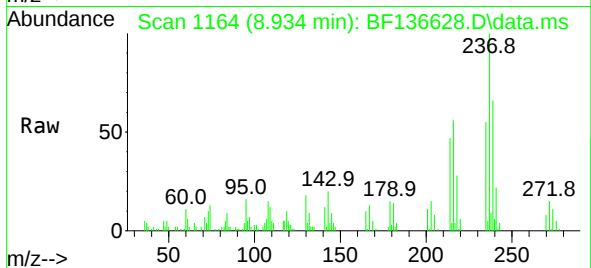
108 16.2 14.1 21.1



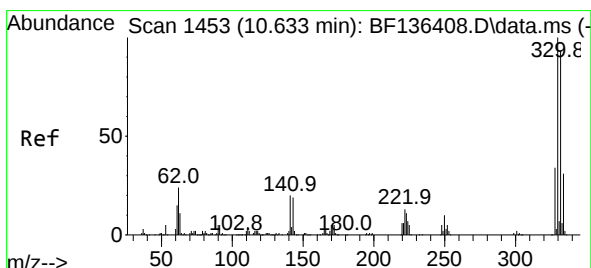
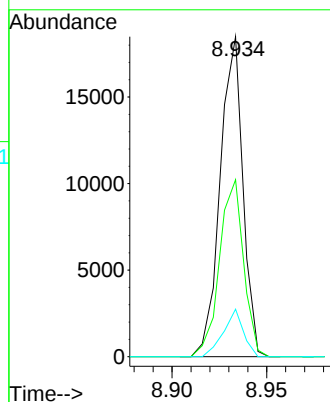
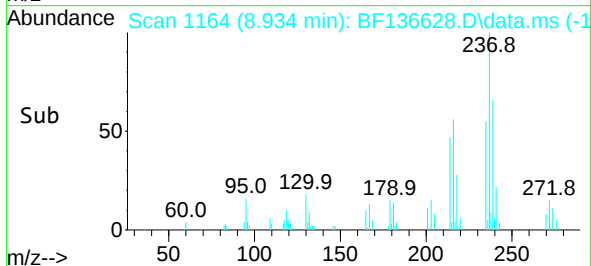


#41
Hexachlorocyclopentadiene
Concen: 10.170 ng
RT: 8.934 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

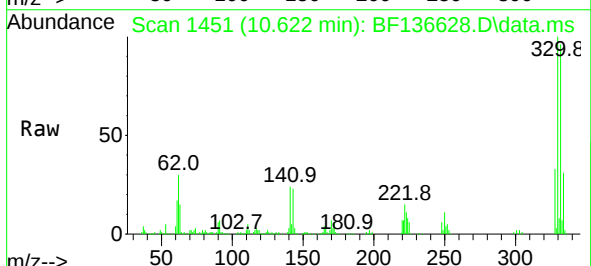
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MSD



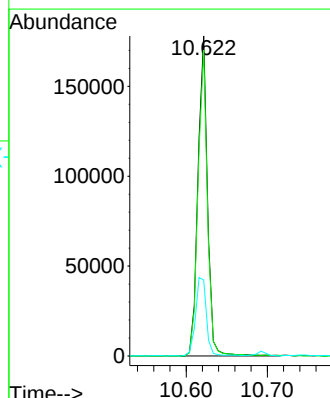
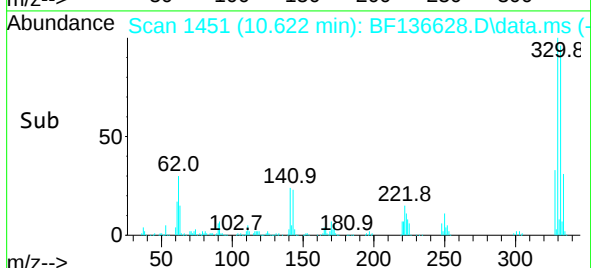
Tgt Ion:237 Resp: 15436
Ion Ratio Lower Upper
237 100
235 55.3 44.1 84.1
272 14.9 0.0 33.3

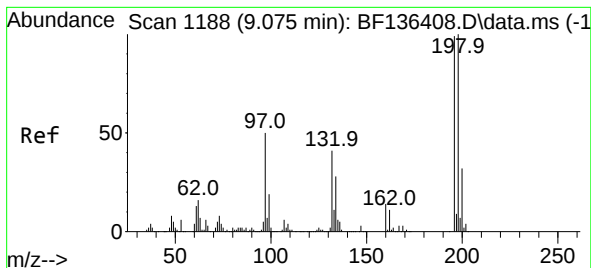


#42
2,4,6-Tribromophenol
Concen: 89.919 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20



Tgt Ion:330 Resp: 145995
Ion Ratio Lower Upper
330 100
332 94.5 76.4 114.6
141 28.3 23.4 35.2





#43

2,4,6-Trichlorophenol

Concen: 51.859 ng

RT: 9.069 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF136628.D

Acq: 18 Dec 2023 22:20

Instrument :

BNA_F

ClientSampleId :

AU-14-STOCKPILE-BIN-5MSD

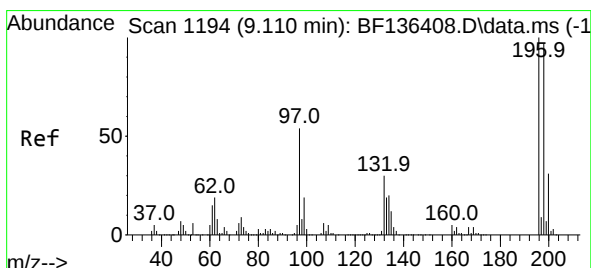
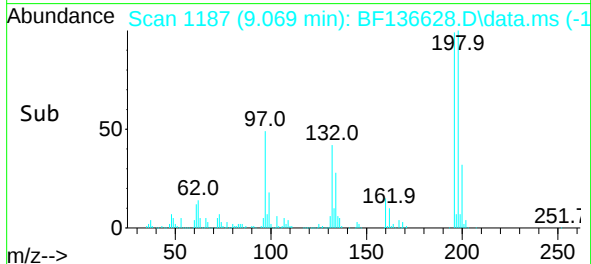
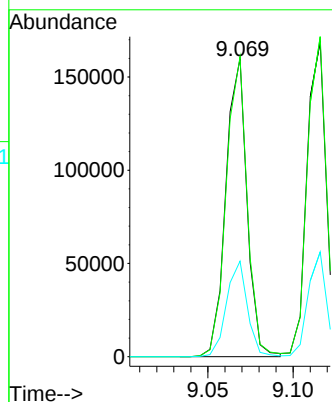
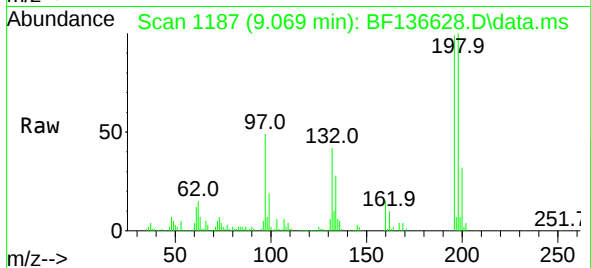
Tgt Ion:196 Resp: 138334

Ion Ratio Lower Upper

196 100

198 100.6 80.4 120.6

200 32.0 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 47.105 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF136628.D

Acq: 18 Dec 2023 22:20

Tgt Ion:196 Resp: 140240

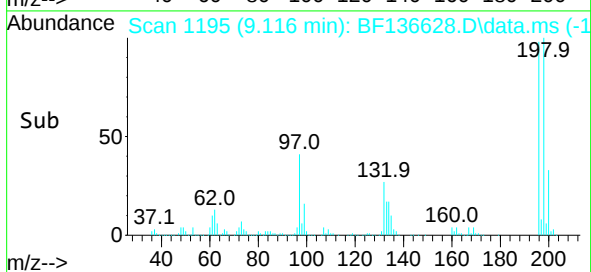
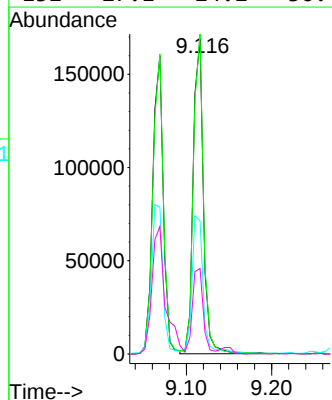
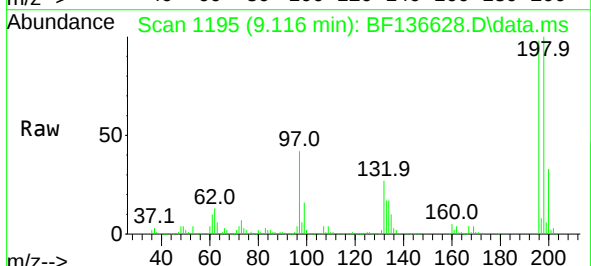
Ion Ratio Lower Upper

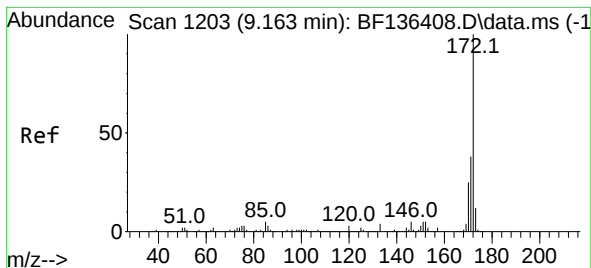
196 100

198 101.6 78.1 117.1

97 42.3 43.4 65.2#

132 27.1 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 75.934 ng

RT: 9.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136628.D

Acq: 18 Dec 2023 22:20

Instrument :

BNA_F

ClientSampleId :

AU-14-STOCKPILE-BIN-5MSD

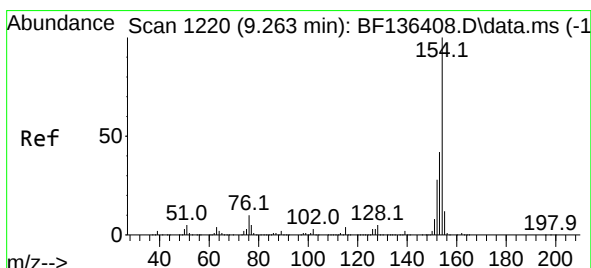
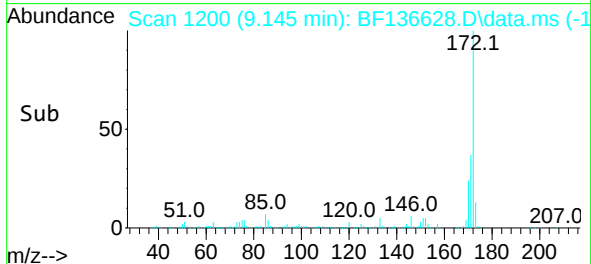
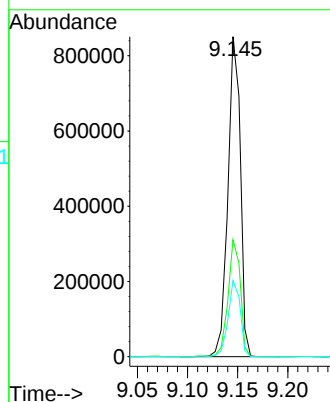
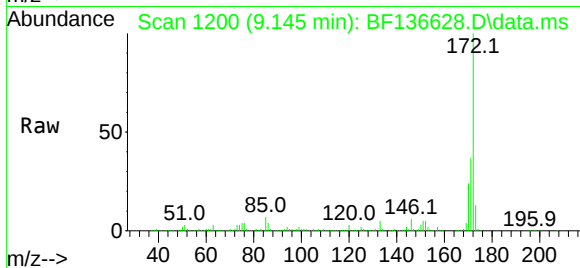
Tgt Ion:172 Resp: 732794

Ion Ratio Lower Upper

172 100

171 36.6 30.5 45.7

170 23.8 19.9 29.9



#46

1,1'-Biphenyl

Concen: 52.953 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF136628.D

Acq: 18 Dec 2023 22:20

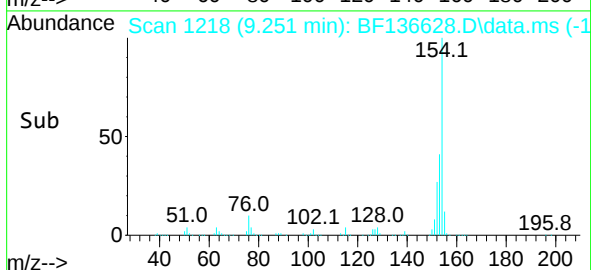
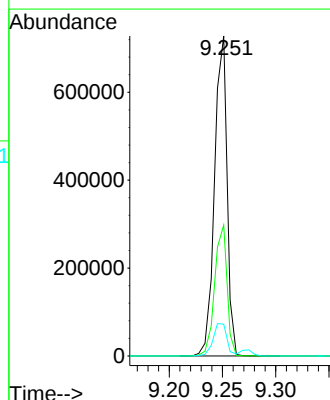
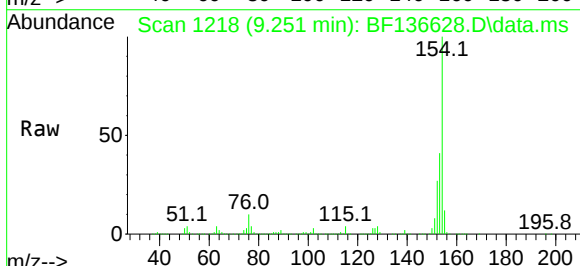
Tgt Ion:154 Resp: 593315

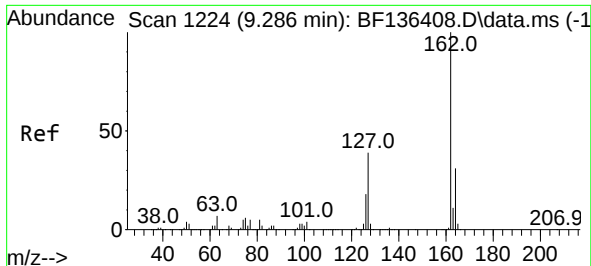
Ion Ratio Lower Upper

154 100

153 40.9 22.5 62.5

76 9.9 0.0 29.9





#47

2-Chloronaphthalene

Concen: 49.564 ng

RT: 9.275 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136628.D

Acq: 18 Dec 2023 22:20

Instrument :

BNA_F

ClientSampleId :

AU-14-STOCKPILE-BIN-5MSD

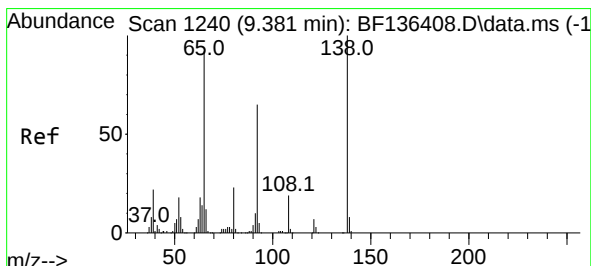
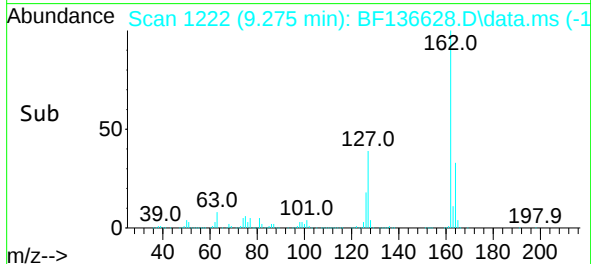
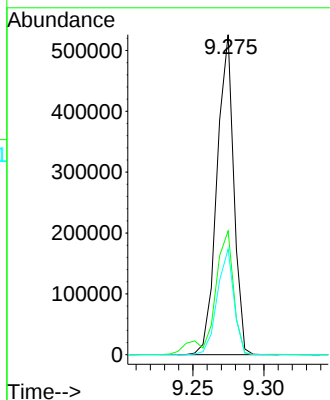
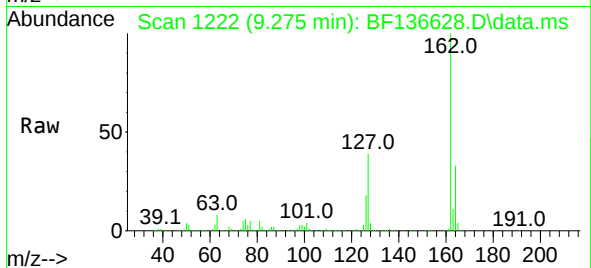
Tgt Ion:162 Resp: 432240

Ion Ratio Lower Upper

162 100

127 38.6 31.1 46.7

164 33.0 24.6 37.0



#48

2-Nitroaniline

Concen: 49.928 ng

RT: 9.375 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BF136628.D

Acq: 18 Dec 2023 22:20

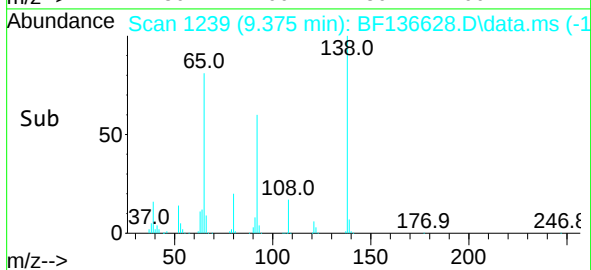
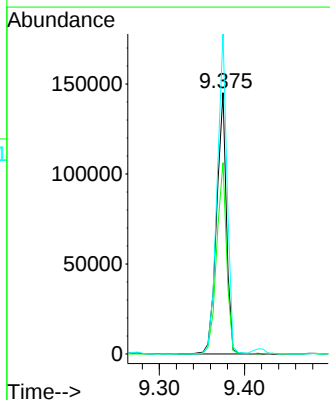
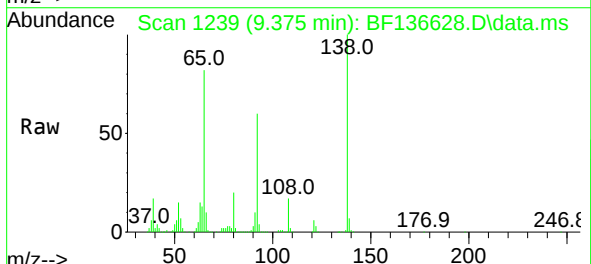
Tgt Ion: 65 Resp: 116780

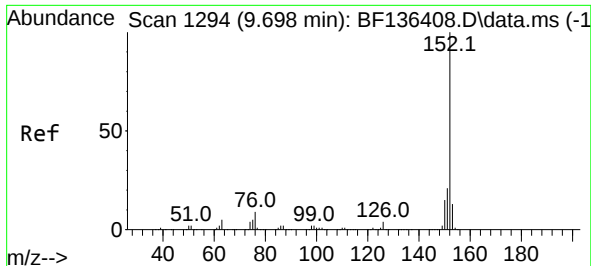
Ion Ratio Lower Upper

65 100

92 73.2 56.1 84.1

138 122.5 86.7 130.1

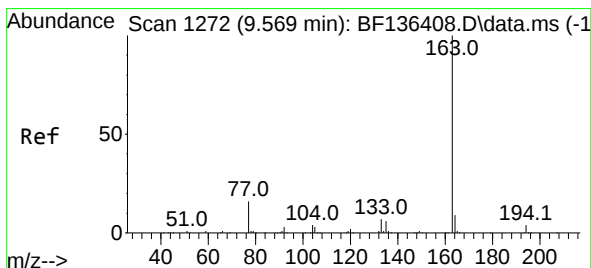
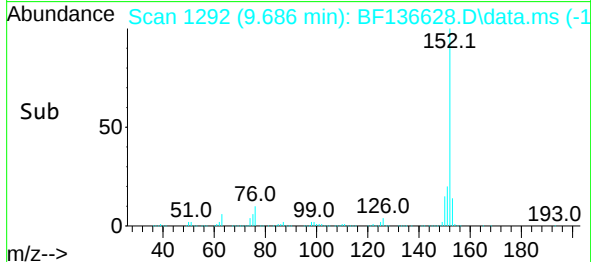
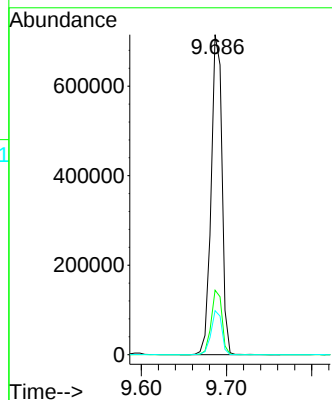
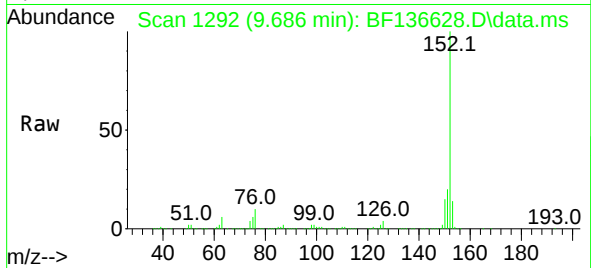




#49
Acenaphthylene
Concen: 50.798 ng
RT: 9.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

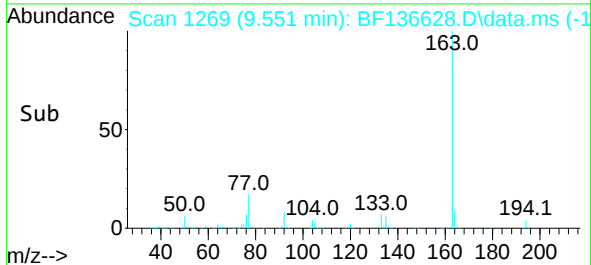
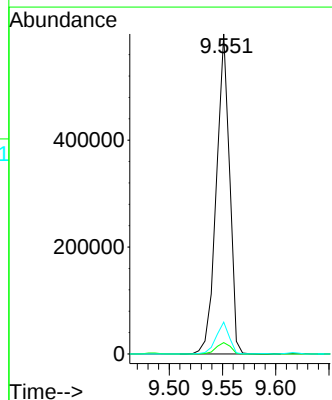
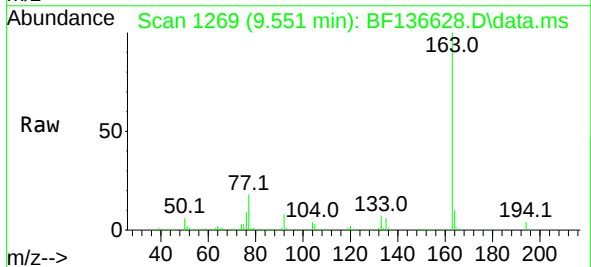
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MSD

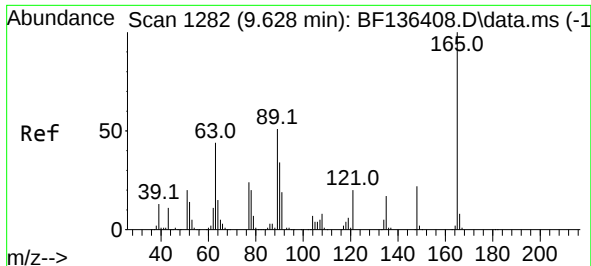
Tgt Ion:152 Resp: 631064
Ion Ratio Lower Upper
152 100
151 20.1 17.2 25.8
153 13.8 10.6 15.8



#50
Dimethylphthalate
Concen: 52.952 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

Tgt Ion:163 Resp: 513356
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.6
164 10.0 7.4 11.2





#51

2,6-Dinitrotoluene

Concen: 47.798 ng

RT: 9.616 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136628.D

Acq: 18 Dec 2023 22:20

Instrument :

BNA_F

ClientSampleId :

AU-14-STOCKPILE-BIN-5MSD

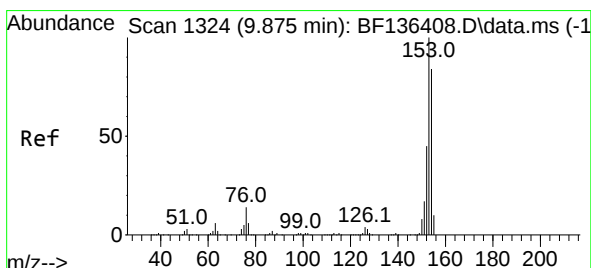
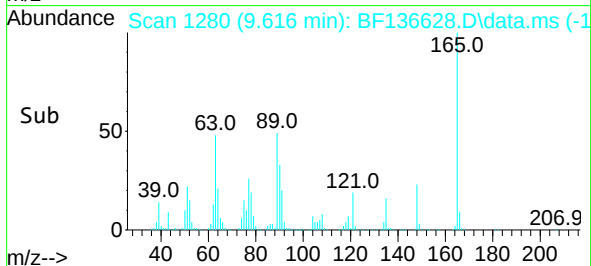
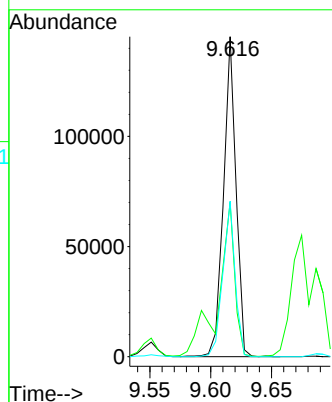
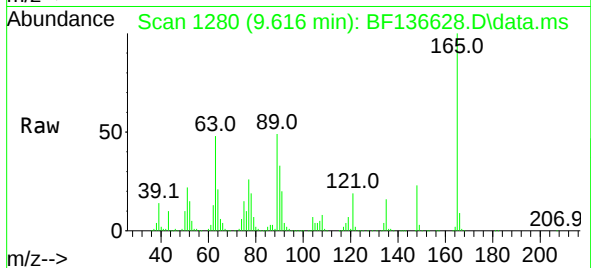
Tgt Ion:165 Resp: 104249

Ion Ratio Lower Upper

165 100

63 48.3 40.4 60.6

89 48.6 40.6 60.8



#52

Acenaphthene

Concen: 47.198 ng

RT: 9.863 min Scan# 1322

Delta R.T. 0.000 min

Lab File: BF136628.D

Acq: 18 Dec 2023 22:20

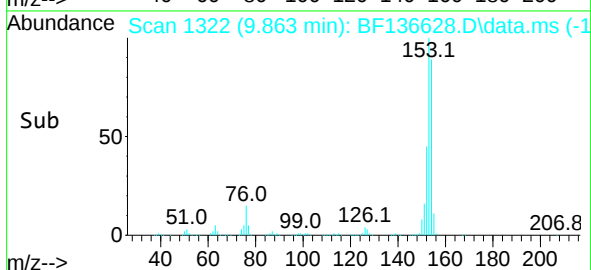
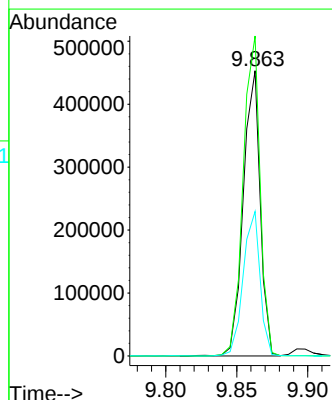
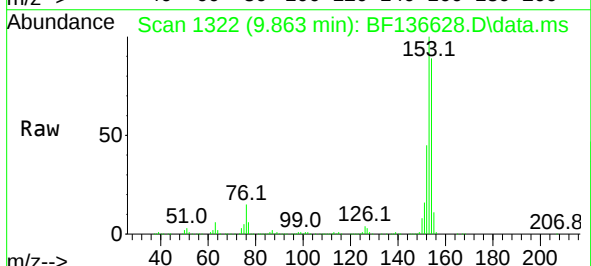
Tgt Ion:154 Resp: 375733

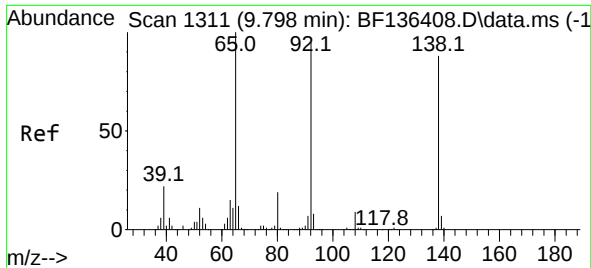
Ion Ratio Lower Upper

154 100

153 112.2 95.3 142.9

152 50.6 43.2 64.8

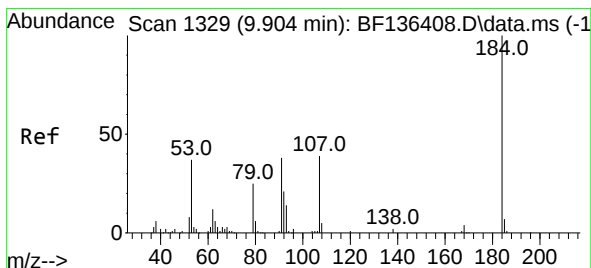
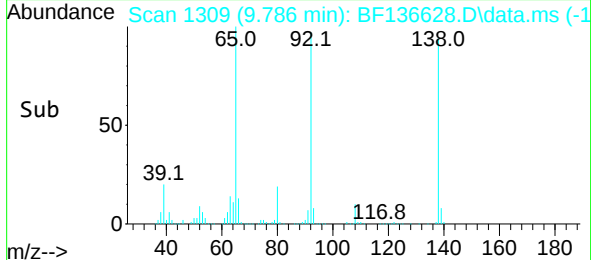
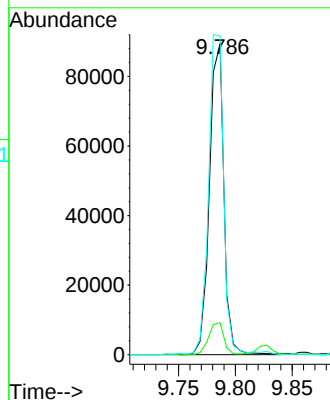
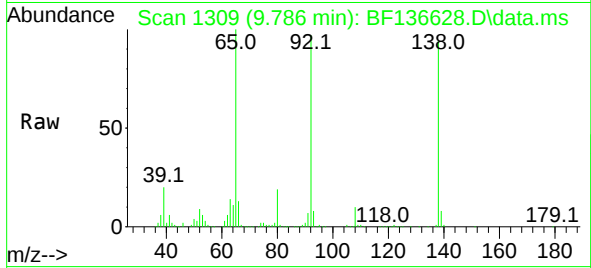




#53
3-Nitroaniline
Concen: 35.428 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

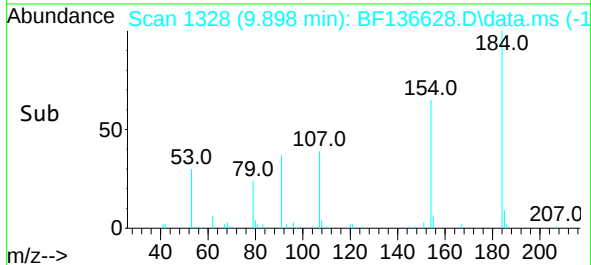
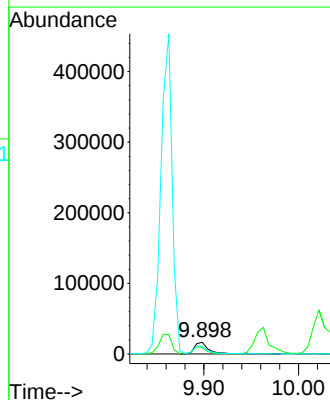
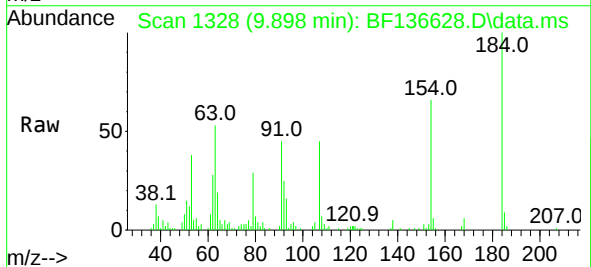
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MSD

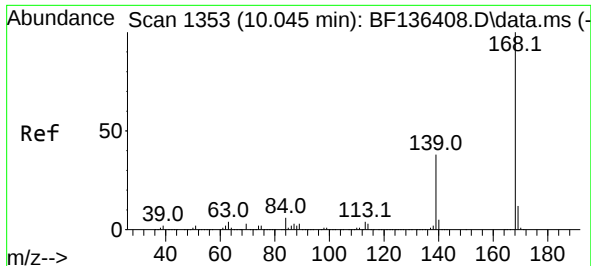
Tgt Ion:138 Resp: 78905
Ion Ratio Lower Upper
138 100
108 10.3 8.5 12.7
92 102.6 86.1 129.1



#54
2,4-Dinitrophenol
Concen: 16.501 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

Tgt Ion:184 Resp: 18196
Ion Ratio Lower Upper
184 100
63 52.9 39.1 58.7
154 65.7 49.9 74.9

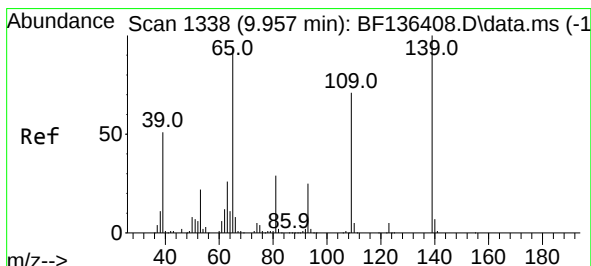
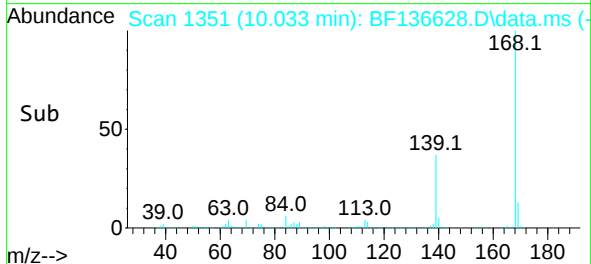
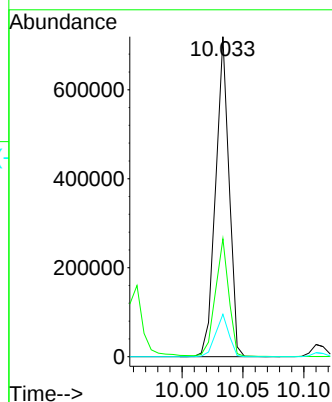
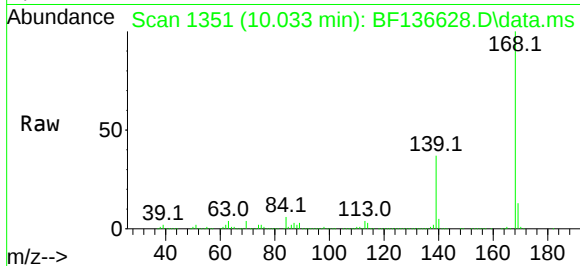




#55
Dibenzenofuran
Concen: 47.435 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

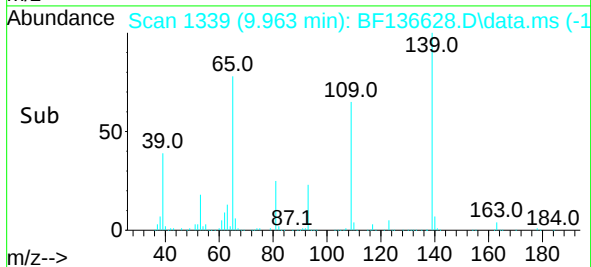
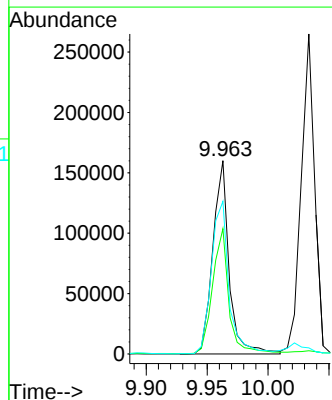
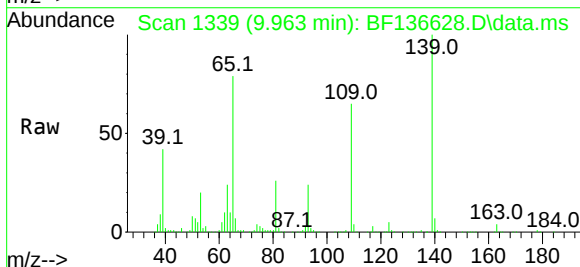
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MSD

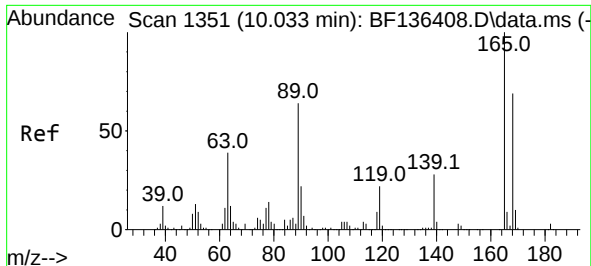
Tgt Ion:168 Resp: 551653
Ion Ratio Lower Upper
168 100
139 36.8 30.4 45.6
169 13.3 9.9 14.9



#56
4-Nitrophenol
Concen: 89.139 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

Tgt Ion:139 Resp: 148829
Ion Ratio Lower Upper
139 100
109 64.8 50.6 90.6
65 79.0 73.1 113.1

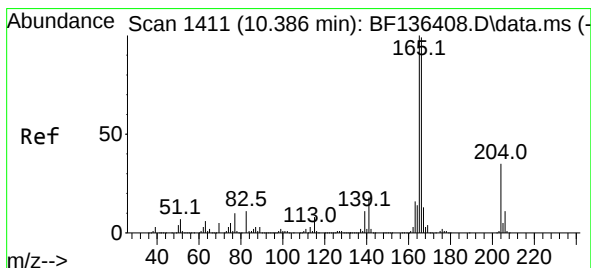
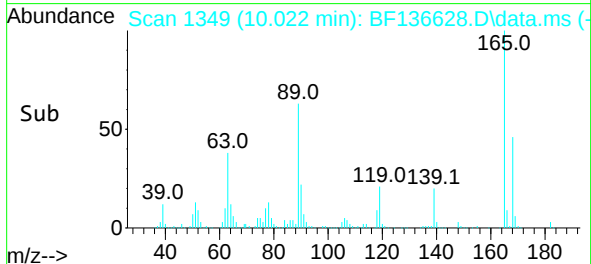
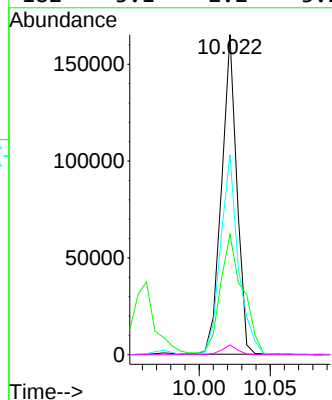
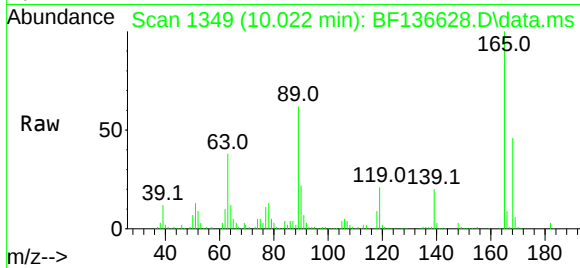




#57
2,4-Dinitrotoluene
Concen: 42.725 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

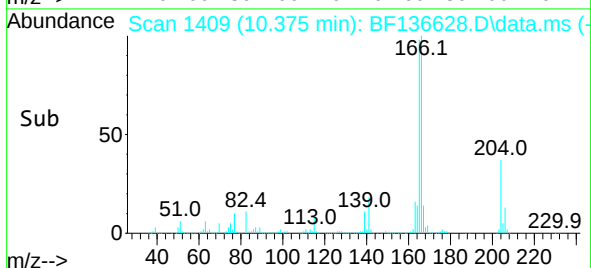
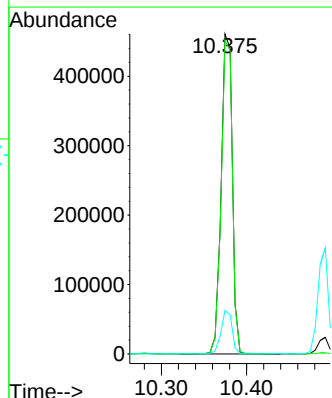
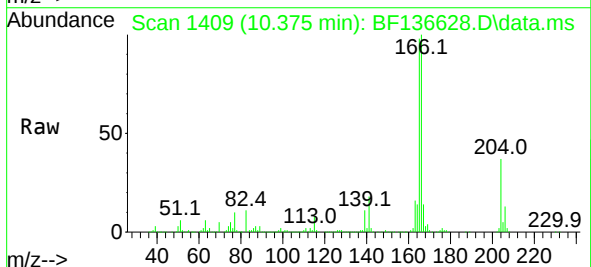
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MSD

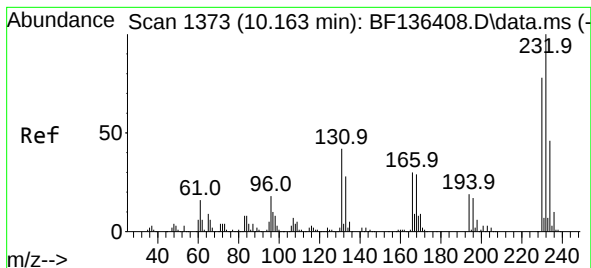
Tgt	Ion:165	Resp:	123273
Ion	Ratio	Lower	Upper
165	100		
63	37.6	31.4	47.2
89	62.5	51.7	77.5
182	3.1	2.2	3.2



#58
Fluorene
Concen: 44.728 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

Tgt Ion:166	Resp:	417564	
Ion	Ratio	Lower	Upper
166	100		
165	98.1	80.5	120.7
167	13.6	10.5	15.7

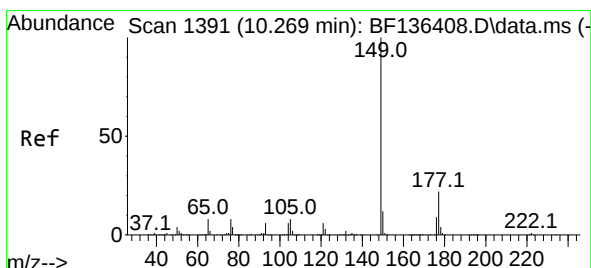
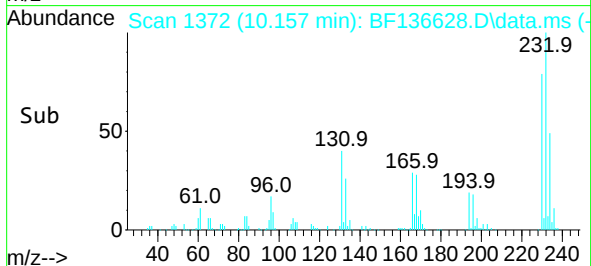
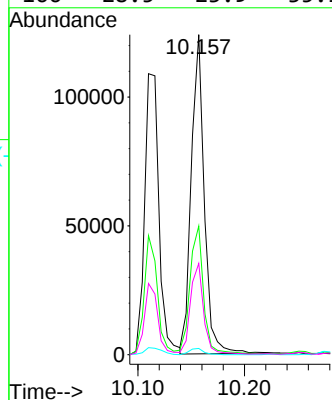
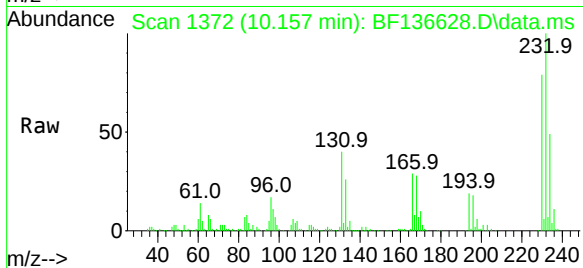




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.206 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

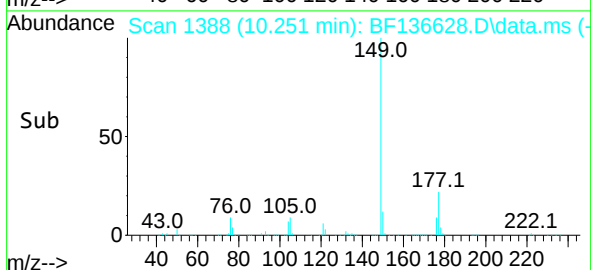
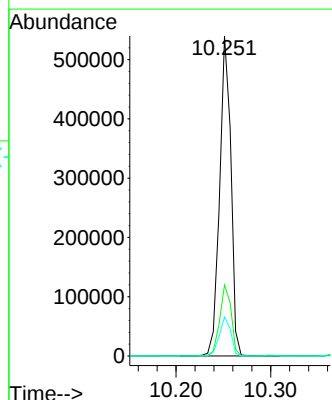
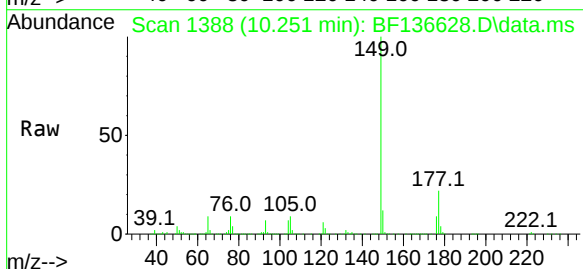
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MSD

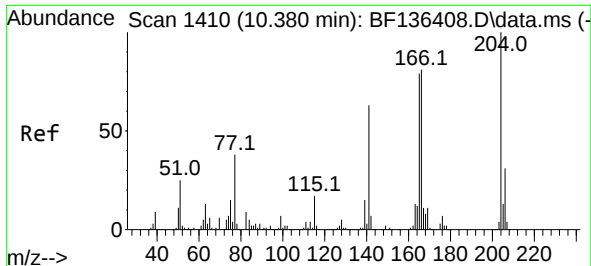
Tgt Ion:232 Resp: 105421
Ion Ratio Lower Upper
232 100
131 41.7 34.3 51.5
130 2.2 1.6 2.4
166 28.5 23.9 35.9



#60
Diethylphthalate
Concen: 46.682 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.006 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

Tgt Ion:149 Resp: 445027
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.8
150 12.1 9.4 14.0

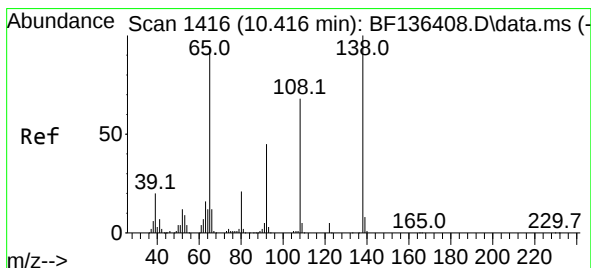
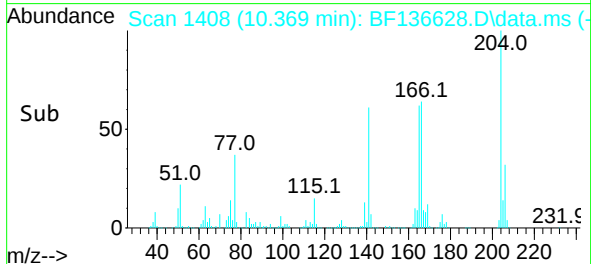
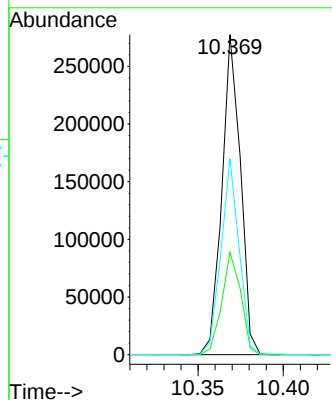
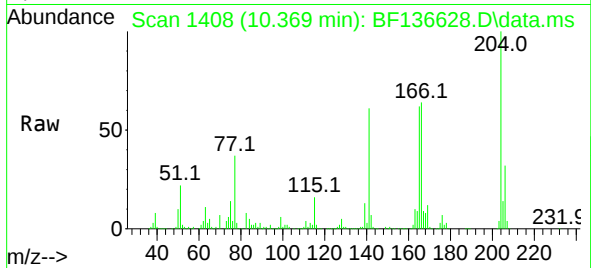




#61
4-Chlorophenyl-phenylether
Concen: 46.060 ng
RT: 10.369 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

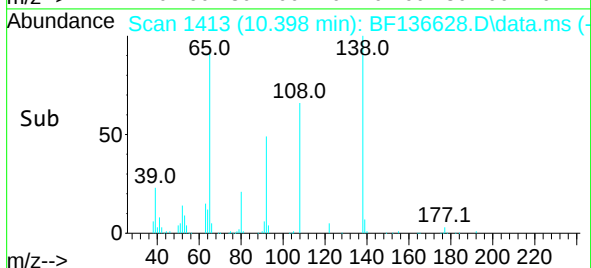
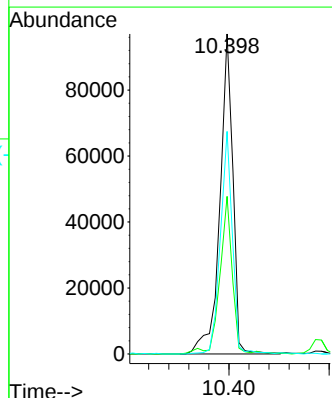
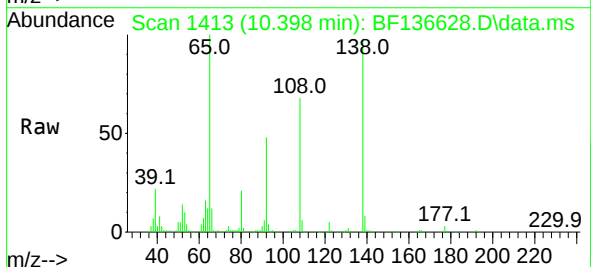
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MSD

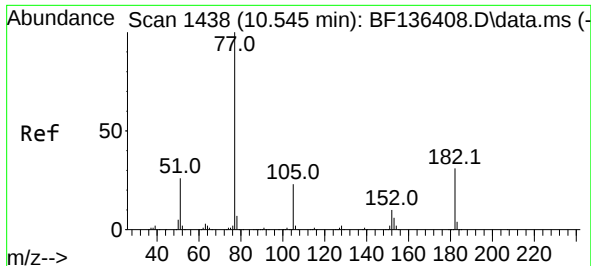
Tgt Ion:204 Resp: 209618
Ion Ratio Lower Upper
204 100
206 32.0 24.6 36.8
141 61.3 50.3 75.5



#62
4-Nitroaniline
Concen: 39.317 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

Tgt Ion:138 Resp: 86951
Ion Ratio Lower Upper
138 100
92 49.3 25.0 65.0
108 69.6 47.9 87.9

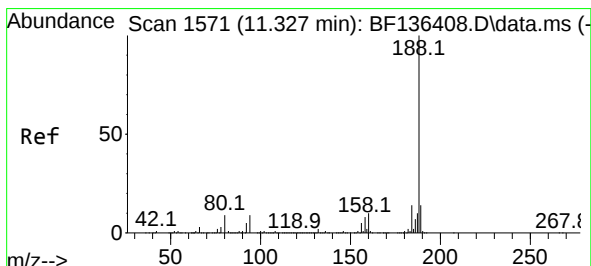
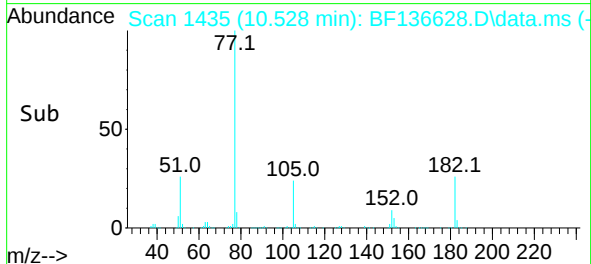
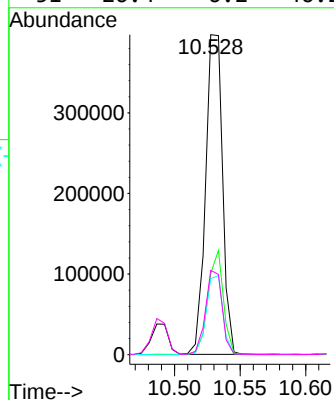
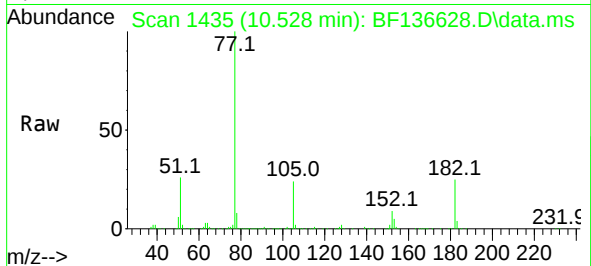




#63
Azobenzene
Concen: 41.308 ng
RT: 10.528 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

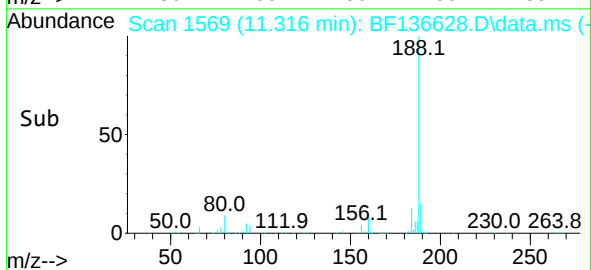
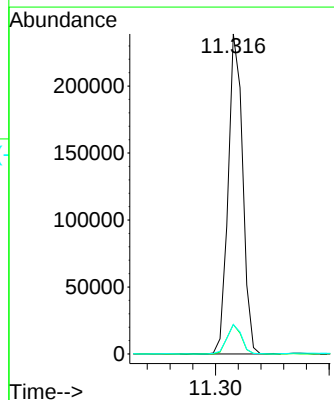
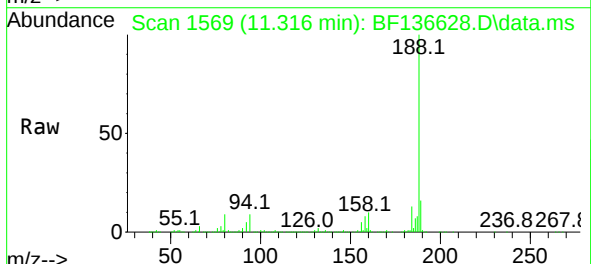
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MSD

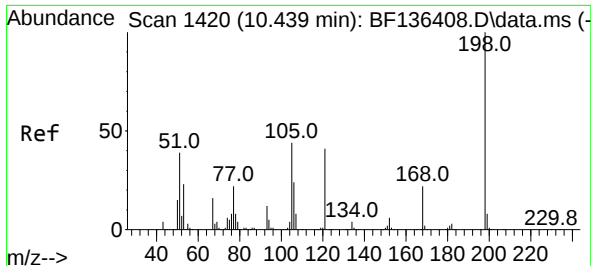
Tgt Ion: 77	Resp: 358432
Ion Ratio	Lower Upper
77 100	
182 25.5	10.8 50.8
105 23.8	2.6 42.6
51 26.4	6.2 46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

Tgt Ion:188	Resp: 212856
Ion Ratio	Lower Upper
188 100	
94 9.2	7.2 10.8
80 9.2	7.2 10.8





#65

4,6-Dinitro-2-methylphenol

Concen: 11.629 ng

RT: 10.433 min Scan# 1419

Delta R.T. -0.006 min

Lab File: BF136628.D

Acq: 18 Dec 2023 22:20

Instrument :

BNA_F

ClientSampleId :

AU-14-STOCKPILE-BIN-5MSD

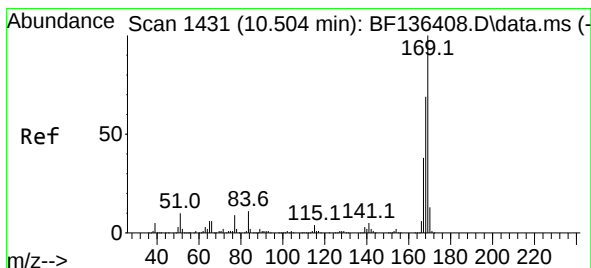
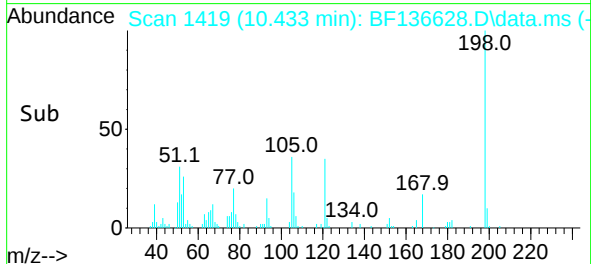
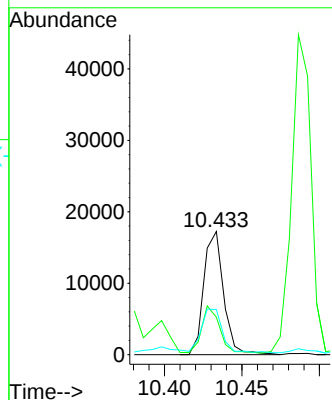
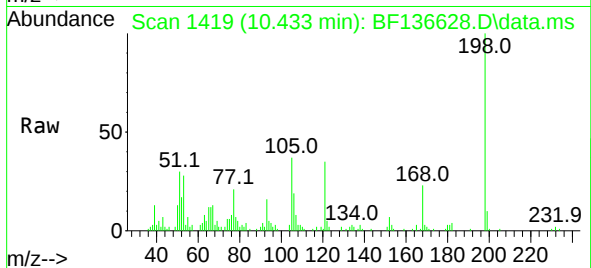
Tgt Ion:198 Resp: 15330

Ion Ratio Lower Upper

198 100

51 30.4 24.1 64.1

105 36.7 24.8 64.8



#66

n-Nitrosodiphenylamine

Concen: 53.225 ng

RT: 10.492 min Scan# 1429

Delta R.T. -0.006 min

Lab File: BF136628.D

Acq: 18 Dec 2023 22:20

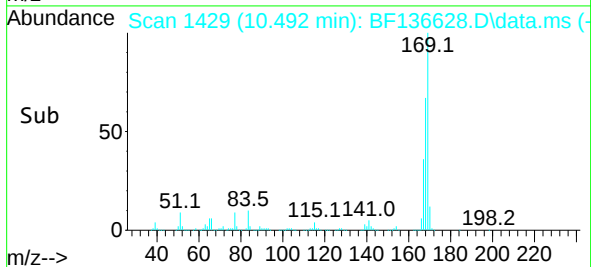
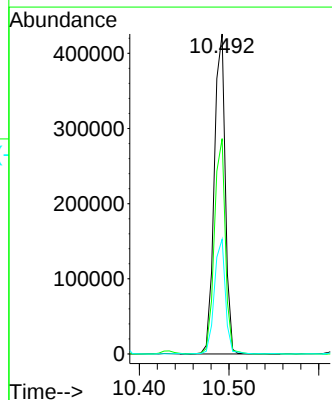
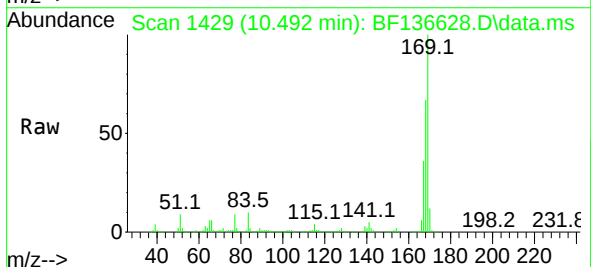
Tgt Ion:169 Resp: 363533

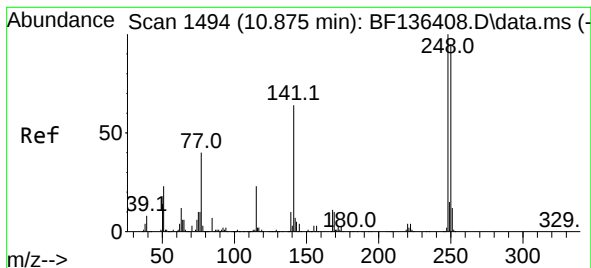
Ion Ratio Lower Upper

169 100

168 67.3 55.3 82.9

167 35.8 30.1 45.1

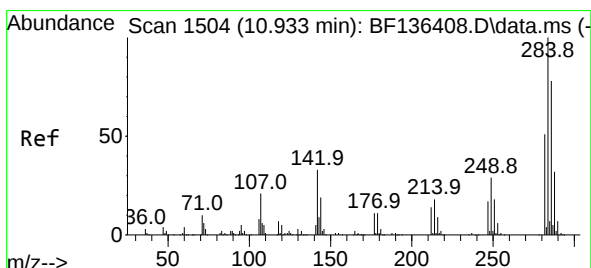
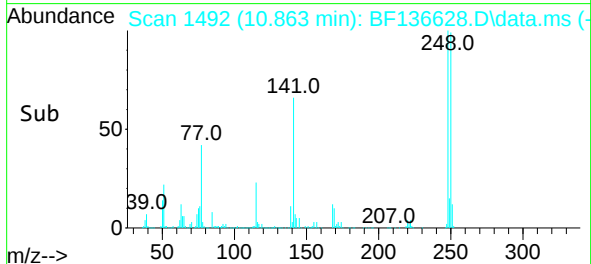
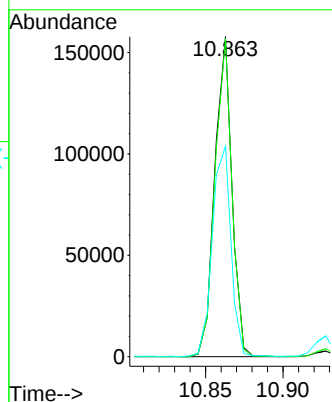
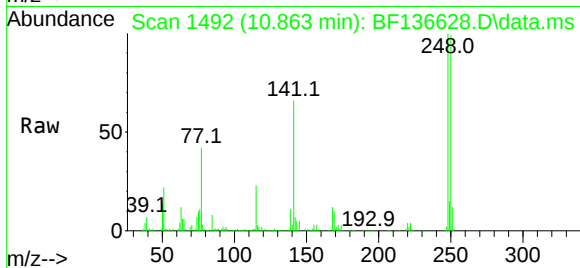




#67
4-Bromophenyl-phenylether
Concen: 49.177 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

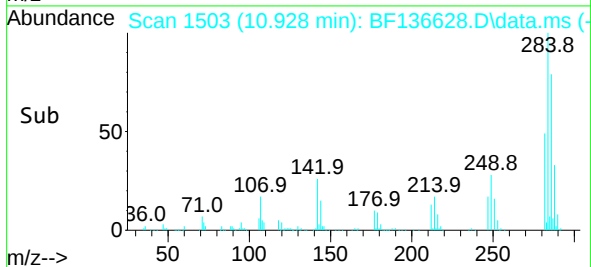
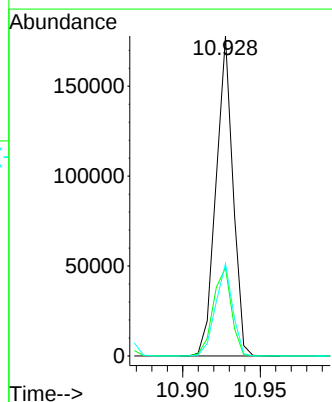
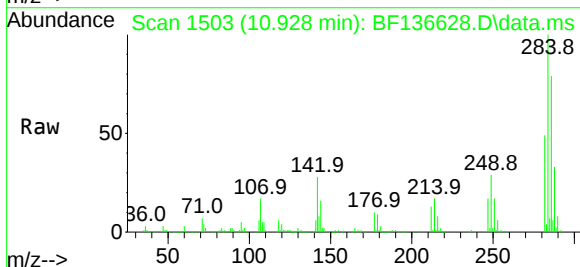
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MSD

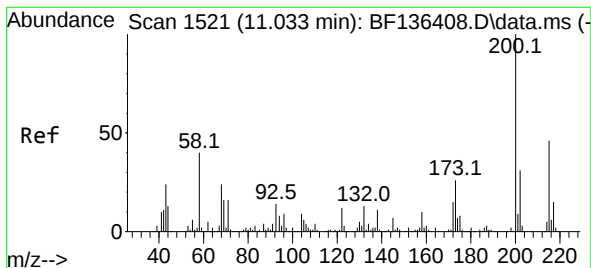
Tgt Ion:248 Resp: 121704
Ion Ratio Lower Upper
248 100
250 99.4 76.2 114.2
141 65.7 51.0 76.4



#68
Hexachlorobenzene
Concen: 47.191 ng
RT: 10.928 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

Tgt Ion:284 Resp: 134980
Ion Ratio Lower Upper
284 100
142 27.5 26.5 39.7
249 28.8 23.4 35.0





#69

Atrazine

Concen: 58.067 ng

RT: 11.022 min Scan# 1519

Delta R.T. -0.006 min

Lab File: BF136628.D

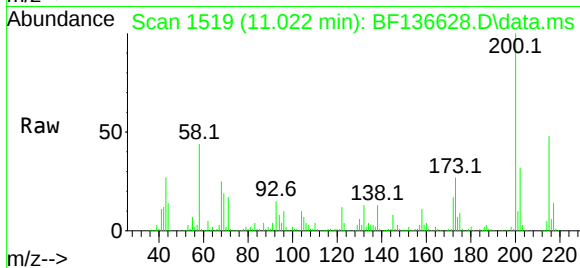
Acq: 18 Dec 2023 22:20

Instrument :

BNA_F

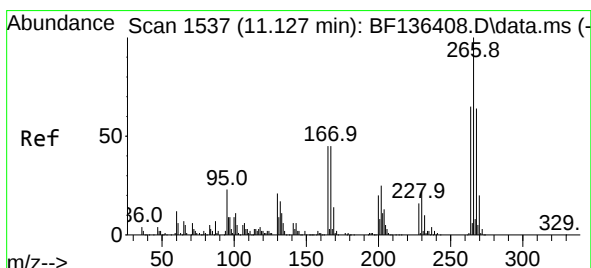
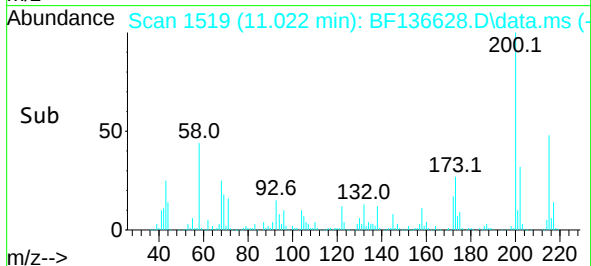
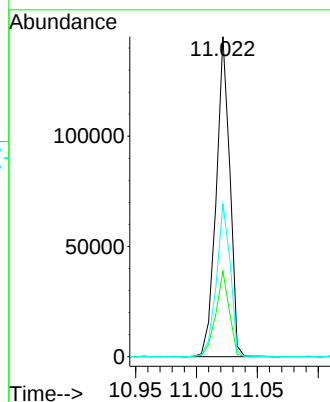
ClientSampleId :

AU-14-STOCKPILE-BIN-5MSD



Tgt Ion:200 Resp: 113197

Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.0	46.0
215	47.7	25.5	65.5



#70

Pentachlorophenol

Concen: 85.470 ng

RT: 11.128 min Scan# 1537

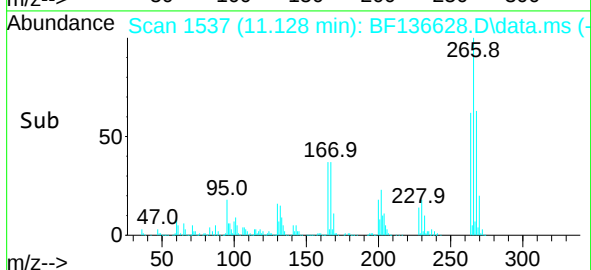
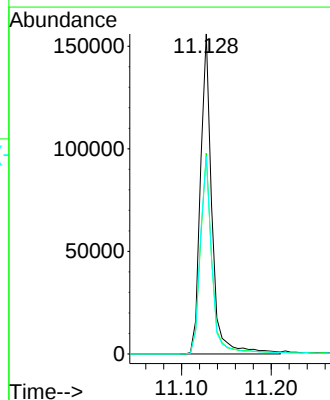
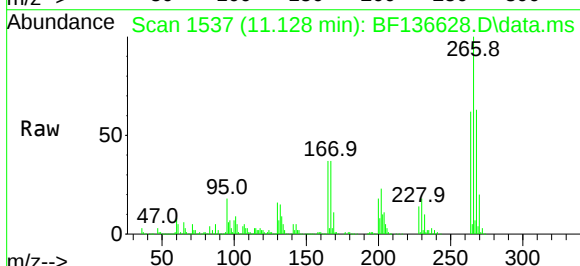
Delta R.T. 0.000 min

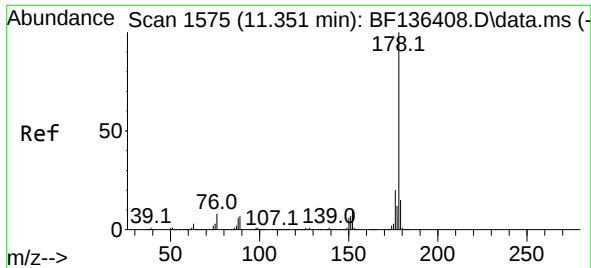
Lab File: BF136628.D

Acq: 18 Dec 2023 22:20

Tgt Ion:266 Resp: 137975

Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.0	76.6
264	61.7	52.2	78.4

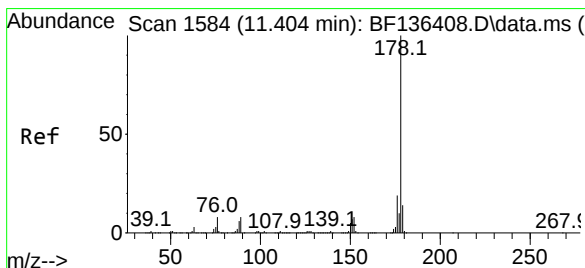
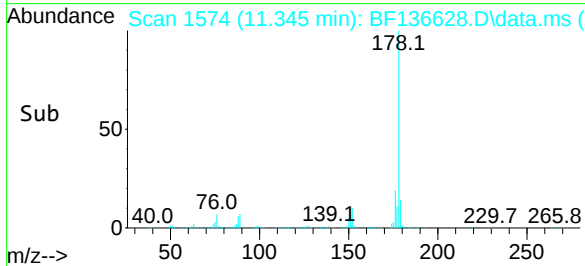
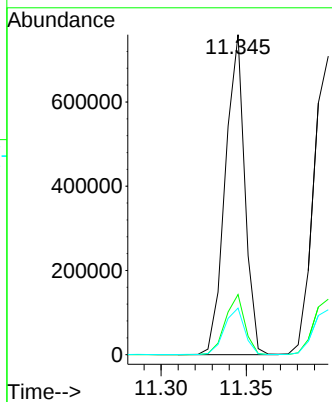
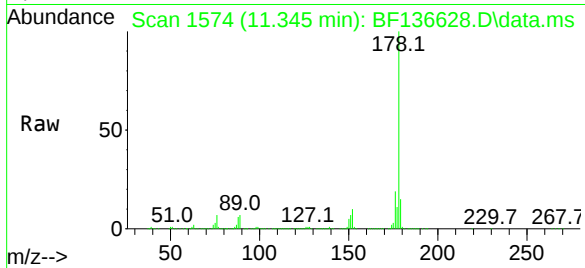




#71
Phenanthrene
Concen: 51.818 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

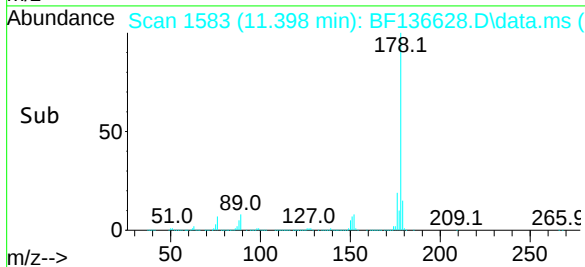
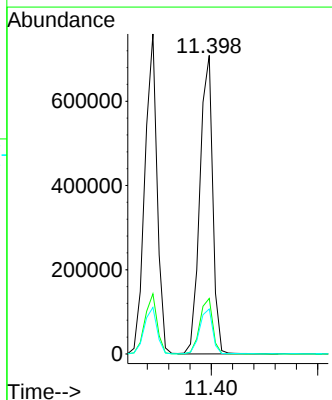
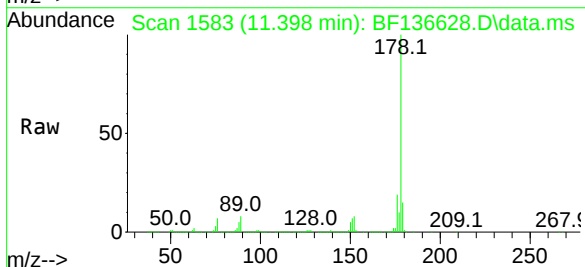
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MSD

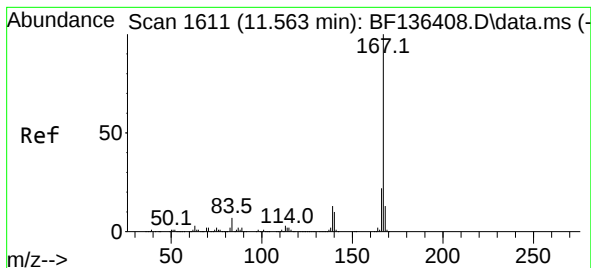
Tgt Ion:178 Resp: 606241
Ion Ratio Lower Upper
178 100
176 18.8 15.9 23.9
179 14.5 11.8 17.6



#72
Anthracene
Concen: 50.565 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

Tgt Ion:178 Resp: 595857
Ion Ratio Lower Upper
178 100
176 18.6 15.3 22.9
179 15.1 11.4 17.0





#73

Carbazole

Concen: 50.371 ng

RT: 11.557 min Scan# 1610

Delta R.T. 0.000 min

Lab File: BF136628.D

Acq: 18 Dec 2023 22:20

Instrument :

BNA_F

ClientSampleId :

AU-14-STOCKPILE-BIN-5MSD

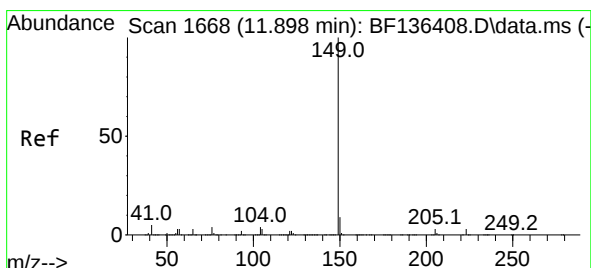
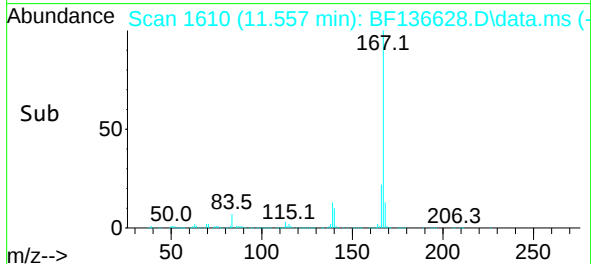
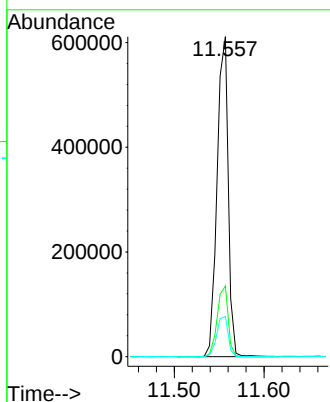
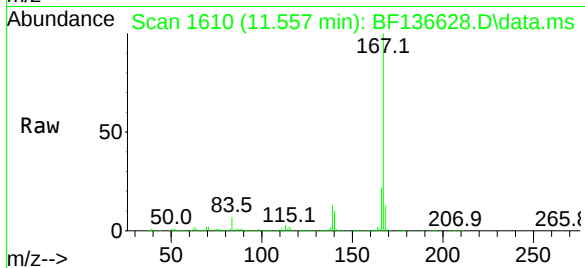
Tgt Ion:167 Resp: 525358

Ion Ratio Lower Upper

167 100

166 22.1 18.0 27.0

139 12.5 10.2 15.4



#74

Di-n-butylphthalate

Concen: 48.015 ng

RT: 11.886 min Scan# 1666

Delta R.T. -0.006 min

Lab File: BF136628.D

Acq: 18 Dec 2023 22:20

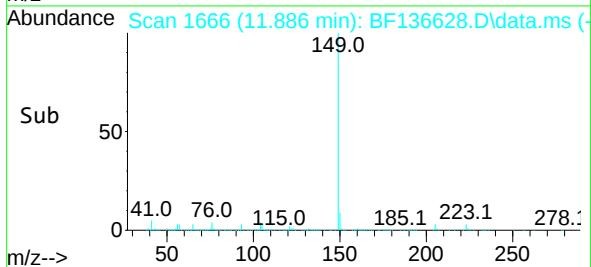
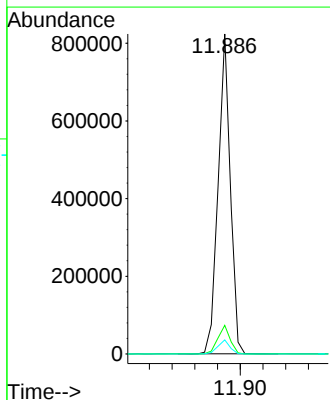
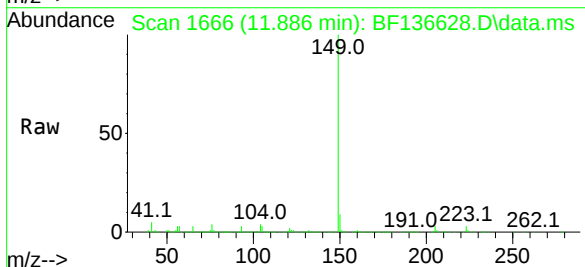
Tgt Ion:149 Resp: 613909

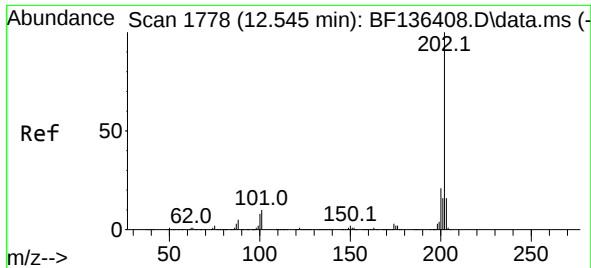
Ion Ratio Lower Upper

149 100

150 9.0 6.9 10.3

104 4.4 3.5 5.3

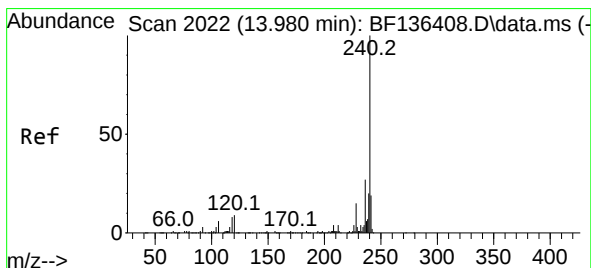
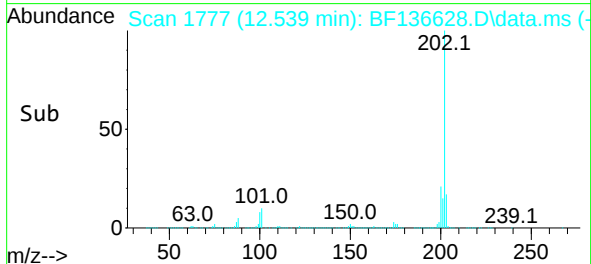
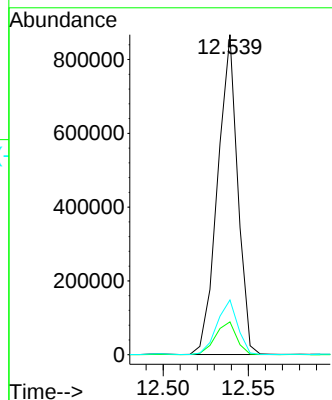
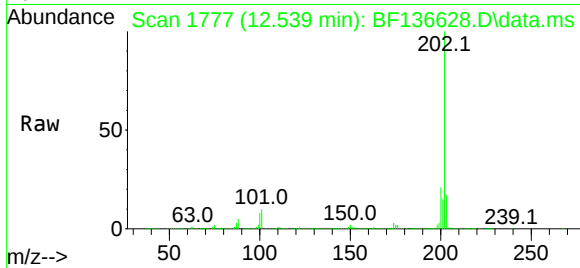




#75
Fluoranthene
Concen: 57.901 ng
RT: 12.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

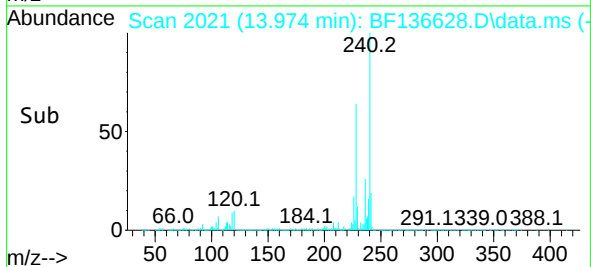
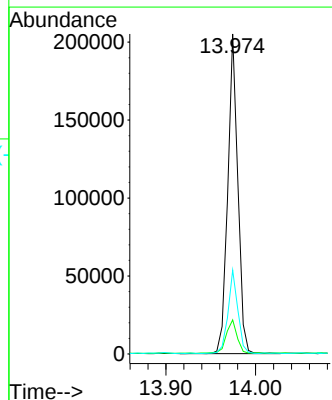
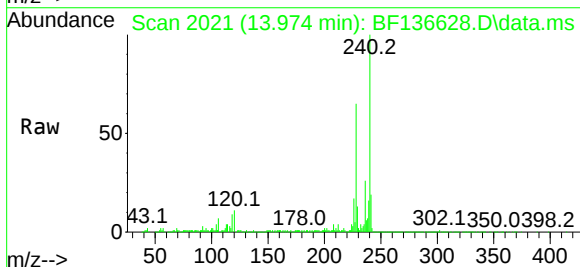
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MSD

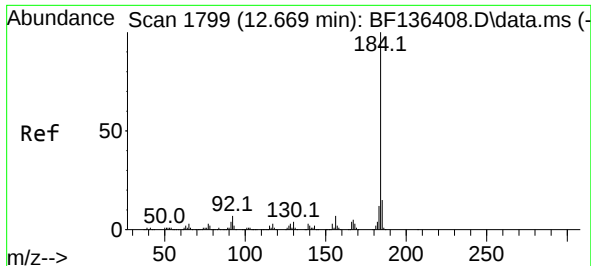
Tgt Ion:202 Resp: 709896
Ion Ratio Lower Upper
202 100
101 10.2 0.0 29.9
203 17.1 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

Tgt Ion:240 Resp: 160259
Ion Ratio Lower Upper
240 100
120 10.6 7.3 10.9
236 26.2 21.3 31.9

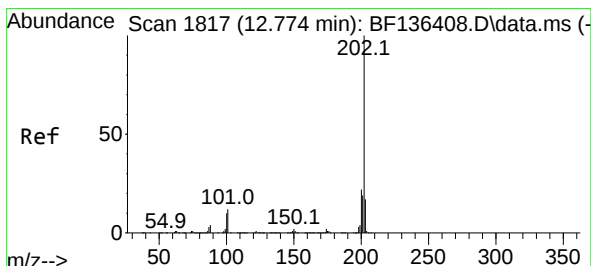
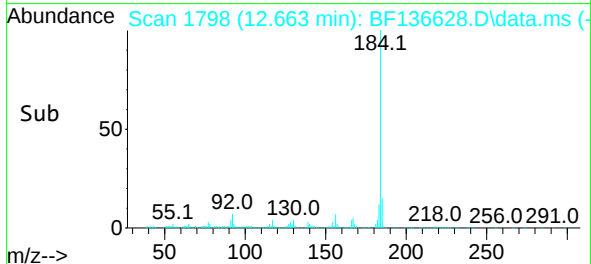
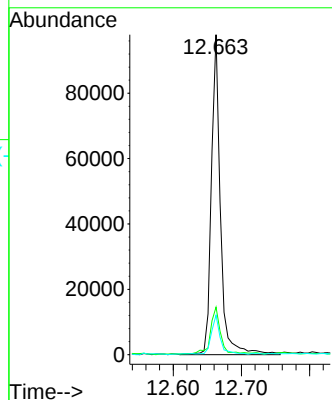
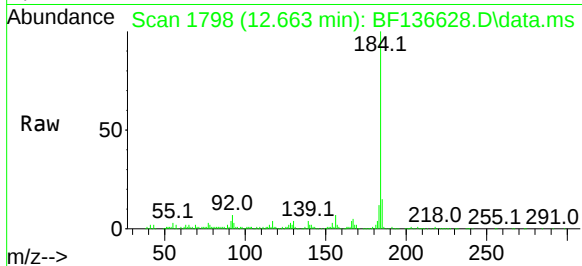




#77
Benzidine
Concen: 29.933 ng
RT: 12.663 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

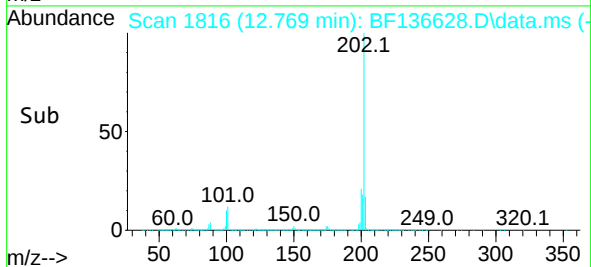
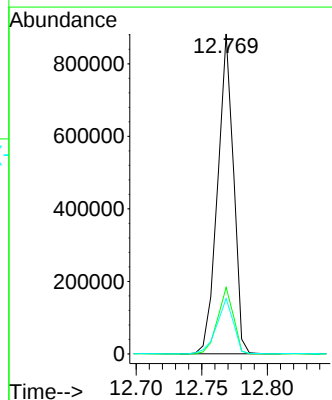
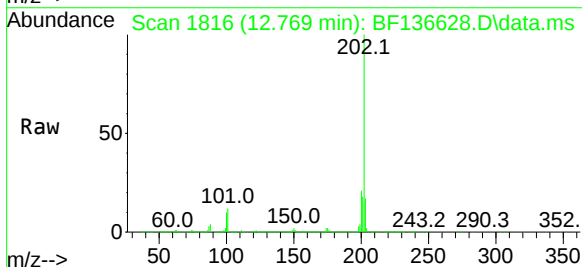
Instrument :
BNA_F
ClientSampleId :
AU-14-STOCKPILE-BIN-5MSD

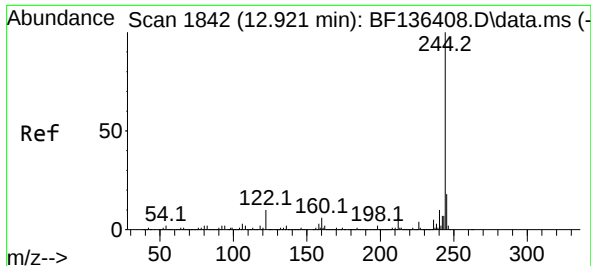
Tgt Ion:184 Resp: 91239
Ion Ratio Lower Upper
184 100
185 14.9 12.0 18.0
183 12.3 9.4 14.0



#78
Pyrene
Concen: 47.231 ng
RT: 12.769 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF136628.D
Acq: 18 Dec 2023 22:20

Tgt Ion:202 Resp: 741290
Ion Ratio Lower Upper
202 100
200 20.8 18.0 27.0
203 17.3 13.5 20.3

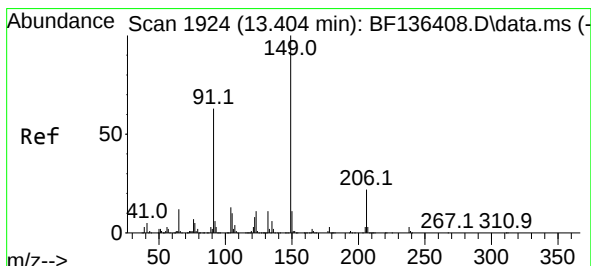
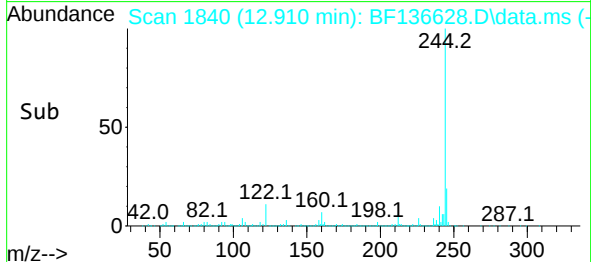
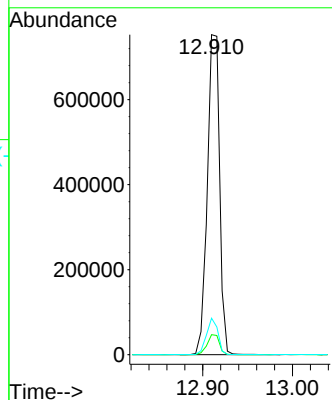
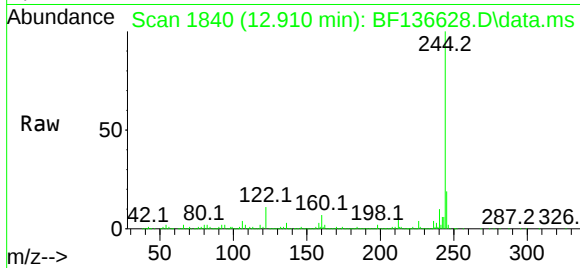




#79
 Terphenyl-d14
 Concen: 58.939 ng
 RT: 12.910 min Scan# 1842
 Delta R.T. -0.012 min
 Lab File: BF136628.D
 Acq: 18 Dec 2023 22:20

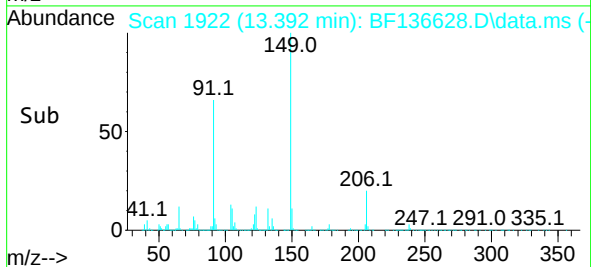
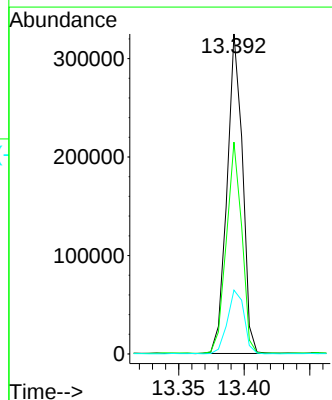
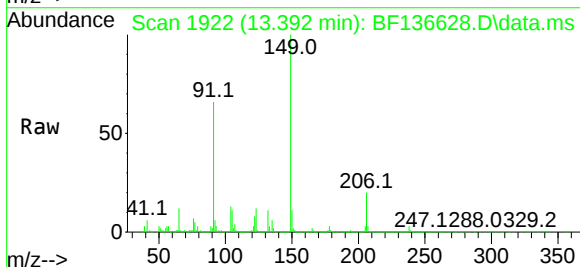
Instrument :
 BNA_F
 ClientSampleId :
 AU-14-STOCKPILE-BIN-5MSD

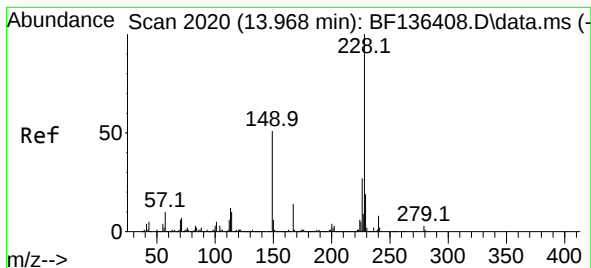
Tgt Ion:244 Resp: 716626
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 11.4 8.3 12.5



#80
 Butylbenzylphthalate
 Concen: 47.637 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. -0.006 min
 Lab File: BF136628.D
 Acq: 18 Dec 2023 22:20

Tgt Ion:149 Resp: 266155
 Ion Ratio Lower Upper
 149 100
 91 66.2 50.5 75.7
 206 19.9 17.4 26.2





#81

Benzo(a)anthracene

Concen: 52.538 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF136628.D

Acq: 18 Dec 2023 22:20

Instrument :

BNA_F

ClientSampleId :

AU-14-STOCKPILE-BIN-5MSD

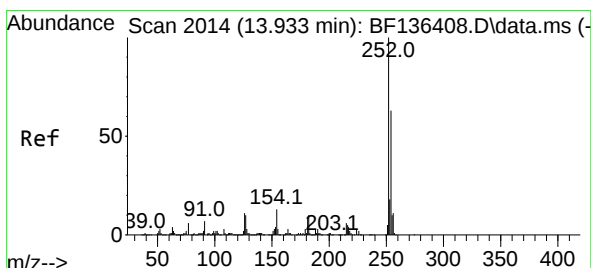
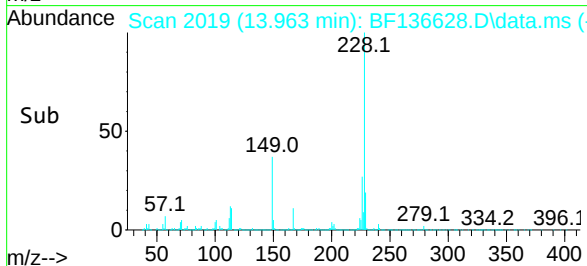
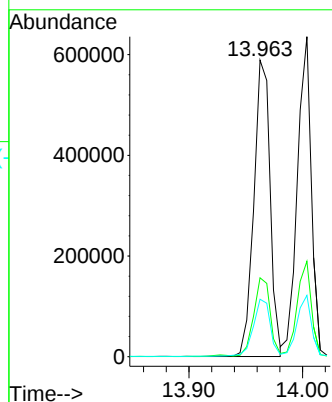
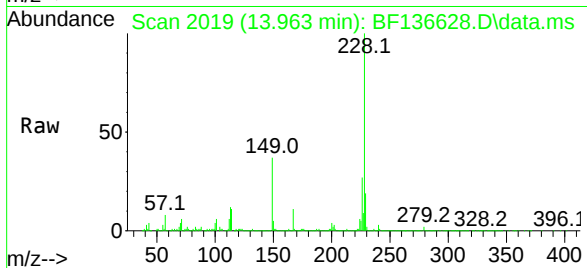
Tgt Ion:228 Resp: 586479

Ion Ratio Lower Upper

228 100

226 26.6 21.8 32.8

229 19.4 15.0 22.4



#82

3,3'-Dichlorobenzidine

Concen: 43.439 ng

RT: 13.927 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF136628.D

Acq: 18 Dec 2023 22:20

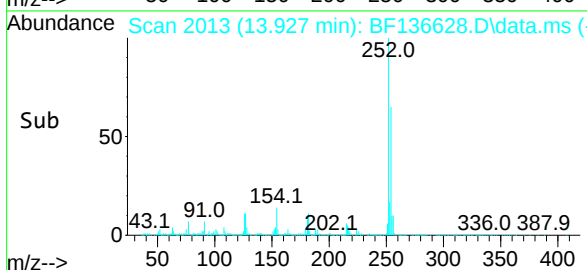
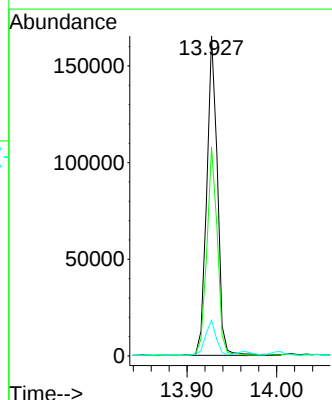
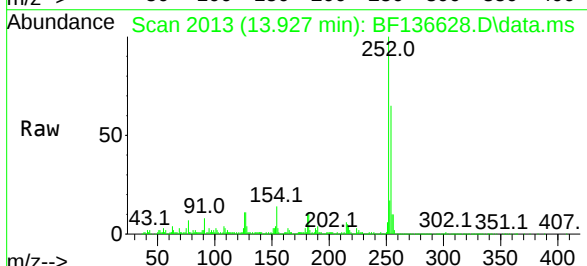
Tgt Ion:252 Resp: 135959

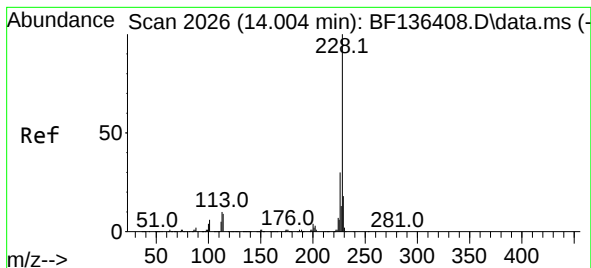
Ion Ratio Lower Upper

252 100

254 65.1 50.8 76.2

126 11.2 8.6 12.8





#83

Chrysene

Concen: 49.432 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF136628.D

Acq: 18 Dec 2023 22:20

Instrument :

BNA_F

ClientSampleId :

AU-14-STOCKPILE-BIN-5MSD

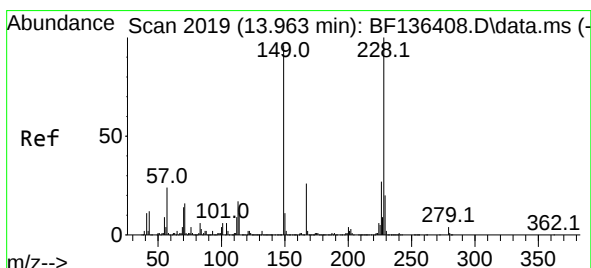
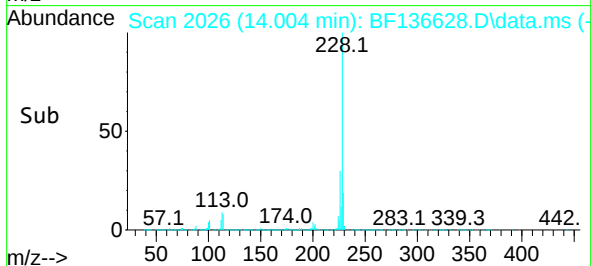
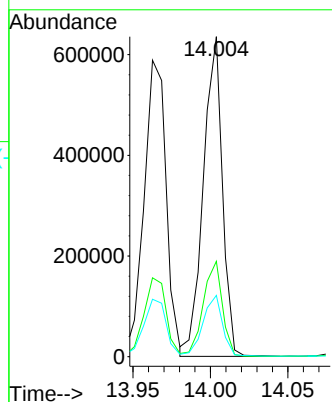
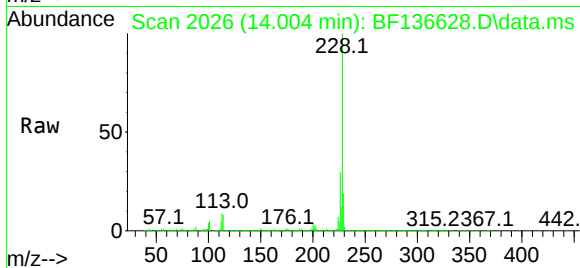
Tgt Ion:228 Resp: 542908

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.6

229 19.2 14.8 22.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.335 ng

RT: 13.957 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BF136628.D

Acq: 18 Dec 2023 22:20

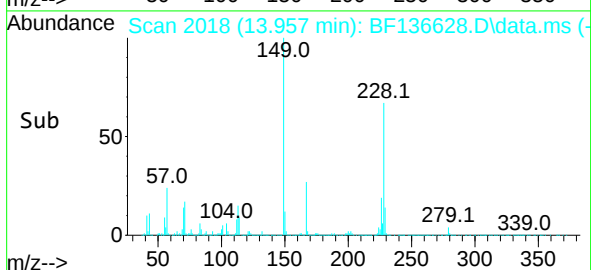
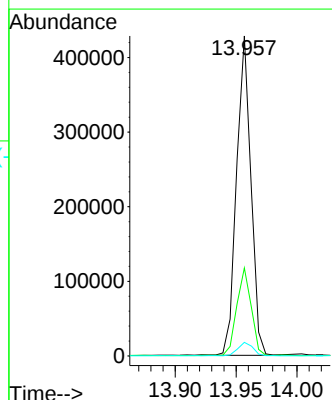
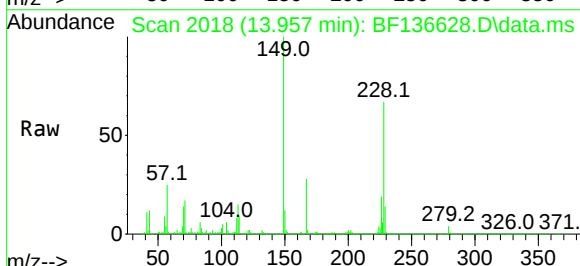
Tgt Ion:149 Resp: 351611

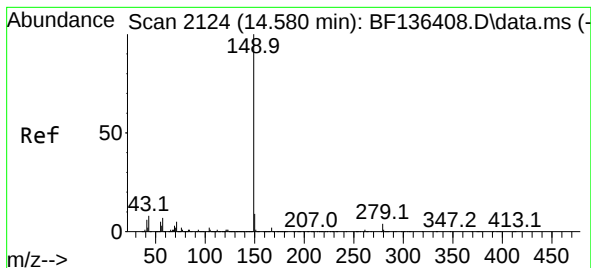
Ion Ratio Lower Upper

149 100

167 27.5 21.2 31.8

279 4.3 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 57.069 ng

RT: 14.574 min Scan# 2123

Delta R.T. 0.000 min

Lab File: BF136628.D

Acq: 18 Dec 2023 22:20

Instrument :

BNA_F

ClientSampleId :

AU-14-STOCKPILE-BIN-5MSD

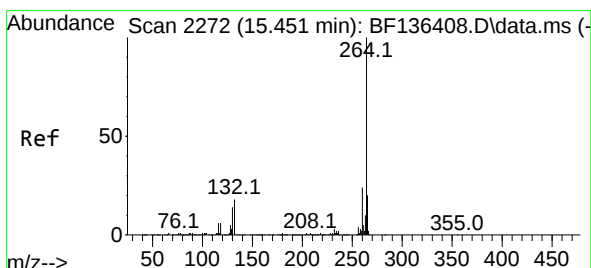
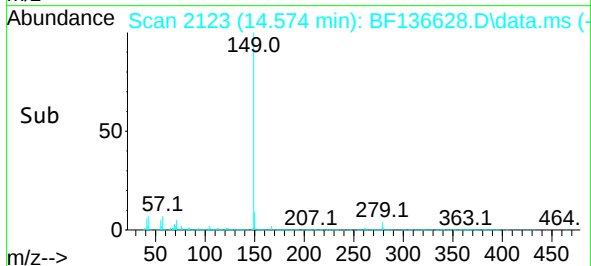
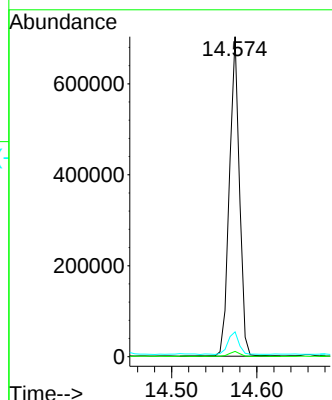
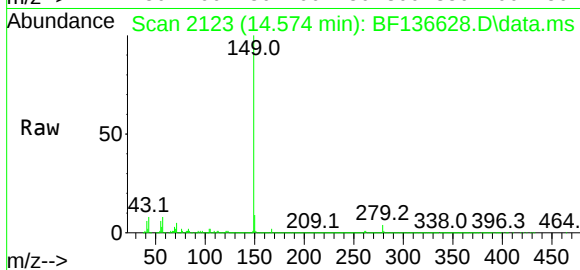
Tgt Ion:149 Resp: 577378

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 7.6 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.000 min

Lab File: BF136628.D

Acq: 18 Dec 2023 22:20

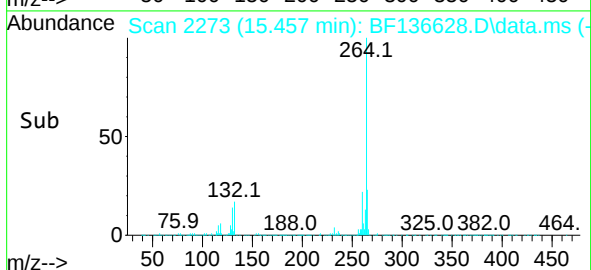
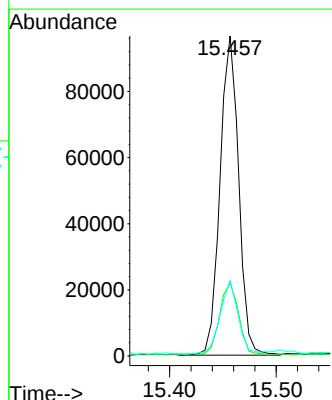
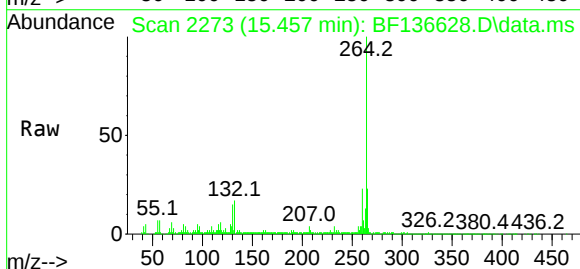
Tgt Ion:264 Resp: 116914

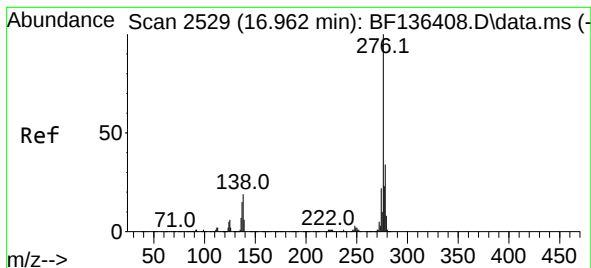
Ion Ratio Lower Upper

264 100

260 22.8 19.2 28.8

265 23.5 15.9 23.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.256 ng

RT: 16.974 min Scan# 2531

Delta R.T. 0.000 min

Lab File: BF136628.D

Acq: 18 Dec 2023 22:20

Instrument :

BNA_F

ClientSampleId :

AU-14-STOCKPILE-BIN-5MSD

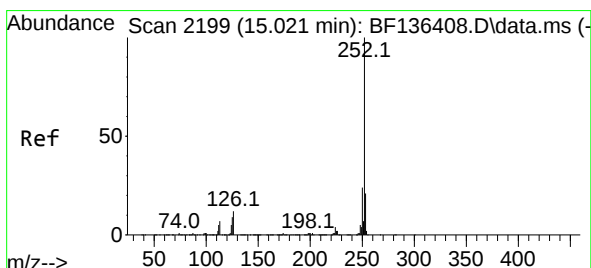
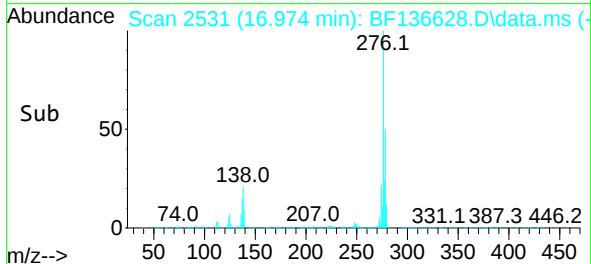
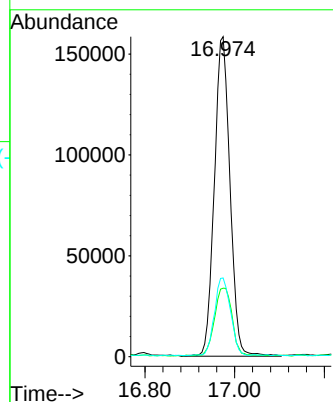
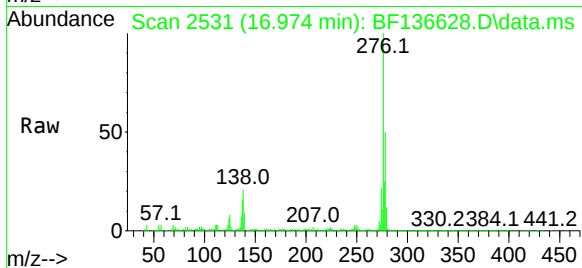
Tgt Ion:276 Resp: 383827

Ion Ratio Lower Upper

276 100

138 23.7 19.0 28.4

277 24.9 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 57.622 ng

RT: 15.021 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF136628.D

Acq: 18 Dec 2023 22:20

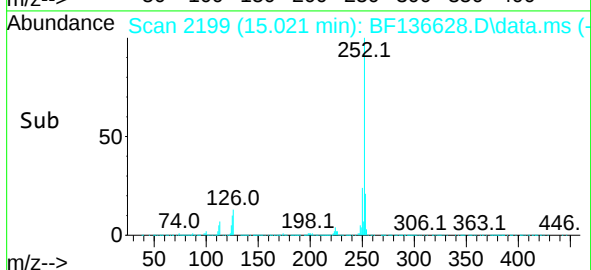
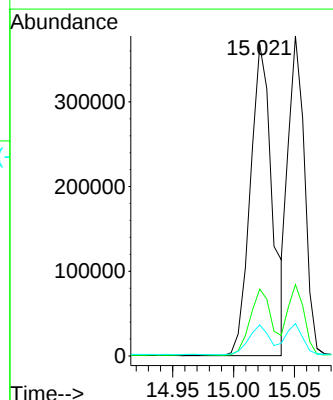
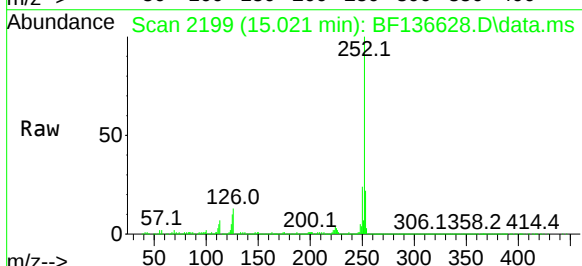
Tgt Ion:252 Resp: 460611

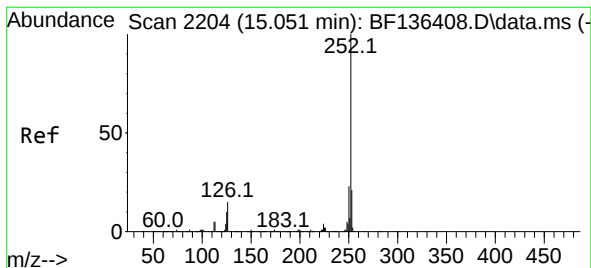
Ion Ratio Lower Upper

252 100

253 21.5 16.9 25.3

125 10.0 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 46.735 ng

RT: 15.051 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF136628.D

Acq: 18 Dec 2023 22:20

Instrument :

BNA_F

ClientSampleId :

AU-14-STOCKPILE-BIN-5MSD

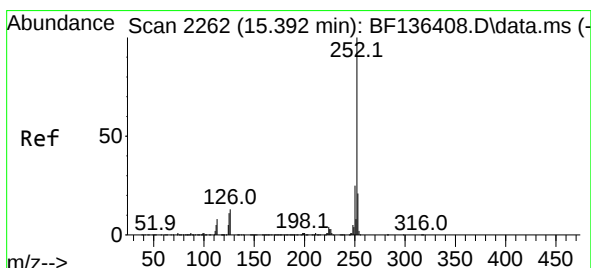
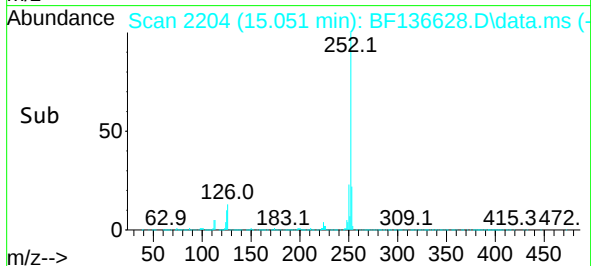
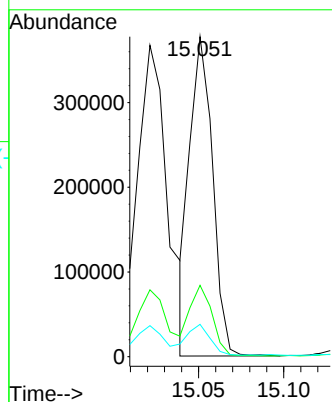
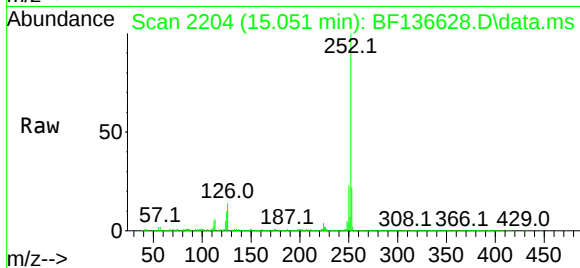
Tgt Ion:252 Resp: 352074

Ion Ratio Lower Upper

252 100

253 22.3 16.9 25.3

125 10.1 7.5 11.3



#90

Benzo(a)pyrene

Concen: 52.353 ng

RT: 15.398 min Scan# 2263

Delta R.T. 0.000 min

Lab File: BF136628.D

Acq: 18 Dec 2023 22:20

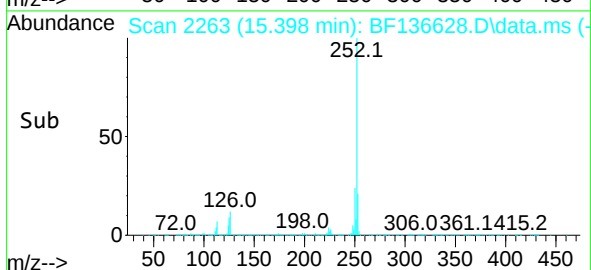
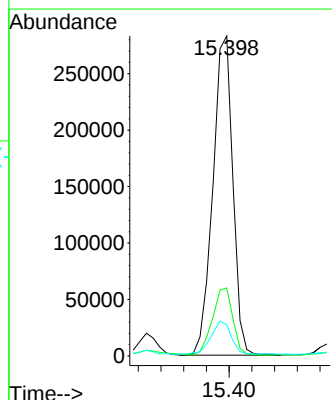
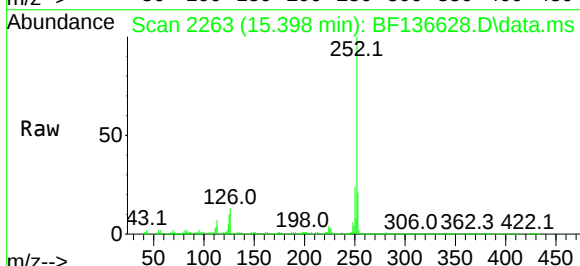
Tgt Ion:252 Resp: 345610

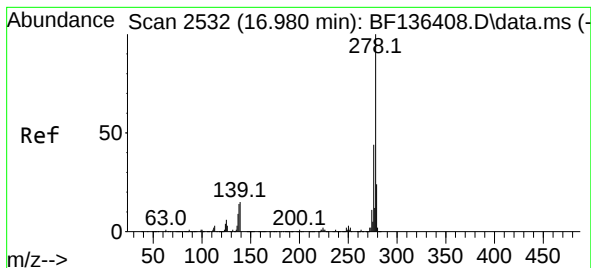
Ion Ratio Lower Upper

252 100

253 21.3 17.0 25.4

125 9.7 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 46.015 ng

RT: 16.992 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF136628.D

Acq: 18 Dec 2023 22:20

Instrument :

BNA_F

ClientSampleId :

AU-14-STOCKPILE-BIN-5MSD

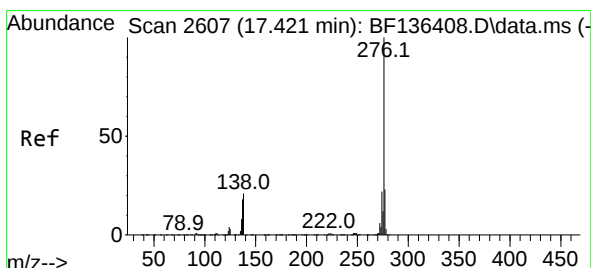
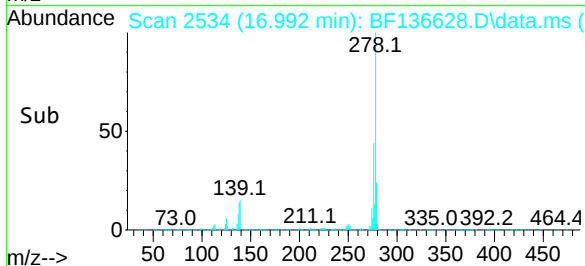
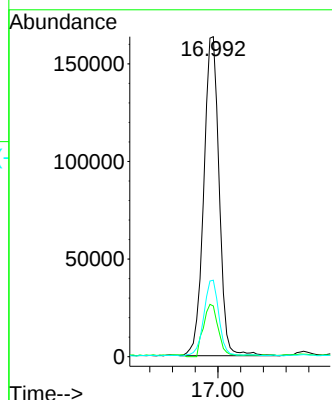
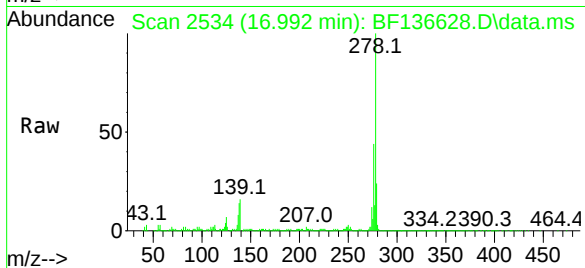
Tgt Ion:278 Resp: 306189

Ion Ratio Lower Upper

278 100

139 15.8 12.2 18.4

279 23.9 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 45.209 ng

RT: 17.427 min Scan# 2608

Delta R.T. -0.012 min

Lab File: BF136628.D

Acq: 18 Dec 2023 22:20

Tgt Ion:276 Resp: 308766

Ion Ratio Lower Upper

276 100

277 24.3 18.7 28.1

138 21.8 16.6 25.0

