

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121322\
 Data File : BF131616.D
 Acq On : 13 Dec 2022 17:12
 Operator : CG\JU
 Sample : N5964-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-518-COMP-01MS

Quant Time: Dec 14 03:33:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 03:22:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	54111	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	195520	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	114839	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	231084	20.000	ng	0.00
76) Chrysene-d12	14.086	240	136575	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	119065	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	472666	145.727	ng	0.02
7) Phenol-d6	6.528	99	582815	137.120	ng	0.00
23) Nitrobenzene-d5	7.457	82	472899	91.442	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	213596	167.409	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	803077	88.174	ng	0.00
79) Terphenyl-d14	13.027	244	1062088	106.648	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.810	88	69421	47.417	ng	# 80
3) Pyridine	3.528	79	169801	41.774	ng	95
4) n-Nitrosodimethylamine	3.475	42	101900	45.456	ng	# 90
6) Aniline	6.545	93	166302	32.716	ng	# 75
8) 2-Chlorophenol	6.669	128	175778	51.139	ng	98
9) Benzaldehyde	6.434	77	66197	22.735	ng	97
10) Phenol	6.539	94	226576	47.790	ng	96
11) bis(2-Chloroethyl)ether	6.622	93	190574	53.624	ng	98
12) 1,3-Dichlorobenzene	6.822	146	184700	46.347	ng	98
13) 1,4-Dichlorobenzene	6.904	146	187620	46.675	ng	97
14) 1,2-Dichlorobenzene	7.051	146	181171	47.181	ng	100
15) Benzyl Alcohol	7.028	79	201777	51.782	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.157	45	227283	49.509	ng	88
17) 2-Methylphenol	7.145	107	163362	52.735	ng	99
18) Hexachloroethane	7.398	117	76137	46.954	ng	94
19) n-Nitroso-di-n-propyla...	7.298	70	156773	49.190	ng	97
20) 3+4-Methylphenols	7.298	107	202778	48.059	ng	# 78
22) Acetophenone	7.298	105	300154	48.988	ng	# 95
24) Nitrobenzene	7.475	77	246364	47.233	ng	94
25) Isophorone	7.710	82	425769	51.112	ng	99
26) 2-Nitrophenol	7.786	139	95075	53.451	ng	96
27) 2,4-Dimethylphenol	7.828	122	159802	58.614	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	233630	54.216	ng	99
29) 2,4-Dichlorophenol	8.033	162	165016	48.951	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	187429	45.338	ng	97
31) Naphthalene	8.198	128	515789	46.837	ng	99
32) Benzoic acid	7.951	122	100206	50.751	ng	96
33) 4-Chloroaniline	8.245	127	94610	22.920	ng	96
34) Hexachlorobutadiene	8.310	225	123106	42.253	ng	99
35) Caprolactam	8.622	113	21011	24.094	ng	93
36) 4-Chloro-3-methylphenol	8.733	107	193898	51.223	ng	98
37) 2-Methylnaphthalene	8.886	142	354135	47.022	ng	98
38) 1-Methylnaphthalene	8.986	142	330418	45.703	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	205000	48.223	ng	99
41) Hexachlorocyclopentadiene	9.039	237	210164	97.400	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	131537	50.025	ng	97

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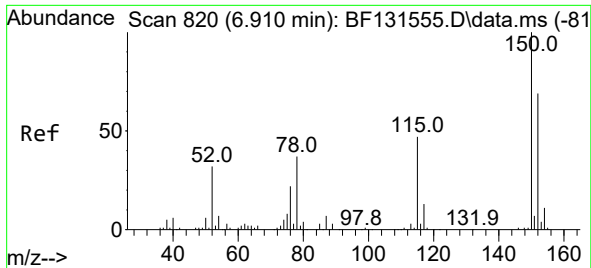
Quant Time: Dec 14 03:33:29 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	144688	51.166	ng	97
46) 1,1'-Biphenyl	9.357	154	455585	50.176	ng	99
47) 2-Chloronaphthalene	9.380	162	366982	49.608	ng	99
48) 2-Nitroaniline	9.486	65	138737	52.942	ng	88
49) Acenaphthylene	9.804	152	560293	51.583	ng	100
50) Dimethylphthalate	9.663	163	439371	50.189	ng	99
51) 2,6-Dinitrotoluene	9.727	165	97855	54.144	ng	# 83
52) Acenaphthene	9.975	154	334752	46.004	ng	98
53) 3-Nitroaniline	9.898	138	64276	37.067	ng	99
54) 2,4-Dinitrophenol	10.004	184	98312	94.256	ng	94
55) Dibenzofuran	10.145	168	519837	50.561	ng	99
56) 4-Nitrophenol	10.069	139	140219	116.401	ng	# 84
57) 2,4-Dinitrotoluene	10.133	165	135005	56.312	ng	96
58) Fluorene	10.492	166	419316	50.167	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	116760	48.760	ng	98
60) Diethylphthalate	10.363	149	418061	49.763	ng	99
61) 4-Chlorophenyl-phenylether	10.480	204	220546	47.747	ng	97
62) 4-Nitroaniline	10.522	138	97129	56.525	ng	92
63) Azobenzene	10.645	77	460944	48.106	ng	97
65) 4,6-Dinitro-2-methylph...	10.539	198	71054	48.547	ng	98
66) n-Nitrosodiphenylamine	10.604	169	351974	47.114	ng	99
67) 4-Bromophenyl-phenylether	10.974	248	134325	45.186	ng	97
68) Hexachlorobenzene	11.039	284	149563	46.513	ng	96
69) Atrazine	11.133	200	136763	57.648	ng	98
70) Pentachlorophenol	11.239	266	162620	98.238	ng	99
71) Phenanthrene	11.463	178	629362	48.862	ng	100
72) Anthracene	11.510	178	640021	51.073	ng	99
73) Carbazole	11.669	167	570447	55.769	ng	99
74) Di-n-butylphthalate	11.992	149	640449	51.037	ng	99
75) Fluoranthene	12.651	202	722365	54.463	ng	99
77) Benzidine	12.774	184	136236	37.229	ng	100
78) Pyrene	12.886	202	728125	54.067	ng	100
80) Butylbenzylphthalate	13.504	149	248012	63.637	ng	95
81) Benzo(a)anthracene	14.080	228	520095	52.732	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	110906	39.523	ng	98
83) Chrysene	14.115	228	481877	51.391	ng	98
84) Bis(2-ethylhexyl)phtha...	14.063	149	303203	56.532	ng	97
85) Di-n-octyl phthalate	14.680	149	393179	45.499	ng	98
87) Indeno(1,2,3-cd)pyrene	17.127	276	491641	50.596	ng	99
88) Benzo(b)fluoranthene	15.151	252	416199	53.037	ng	97
89) Benzo(k)fluoranthene	15.180	252	400271	48.868	ng	99
90) Benzo(a)pyrene	15.527	252	357640	53.403	ng	99
91) Dibenzo(a,h)anthracene	17.145	278	417077	52.153	ng	98
92) Benzo(g,h,i)perylene	17.592	276	421755	52.474	ng	99

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

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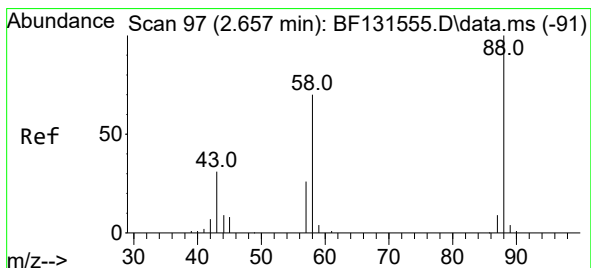
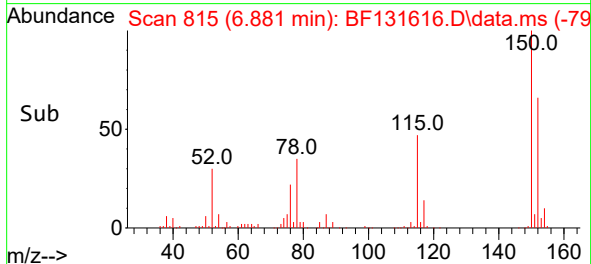
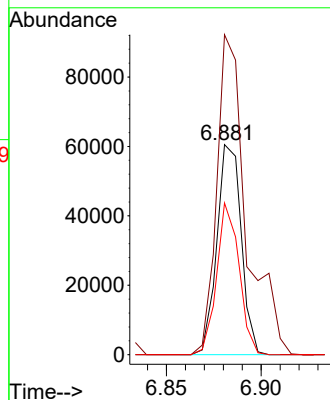
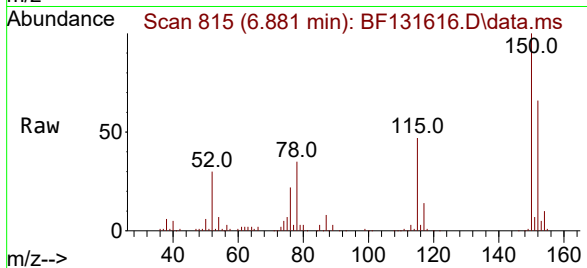




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 81
 Delta R.T. -0.005 min
 Lab File: BF131616.D
 Acq: 13 Dec 2022 17:12

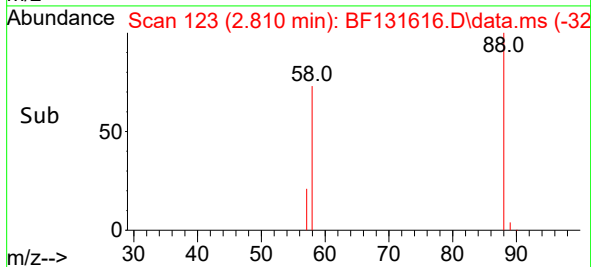
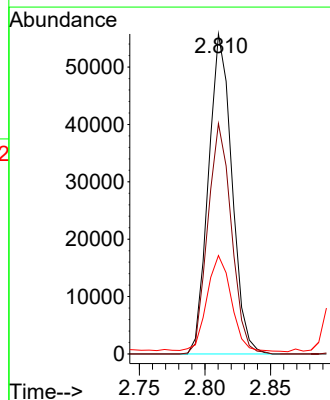
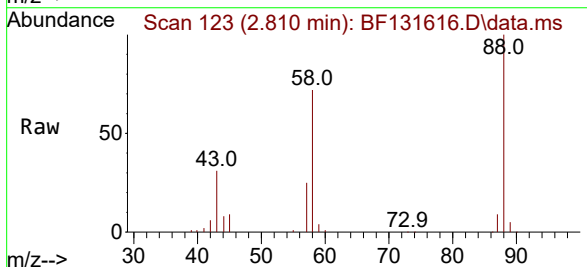
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 SU-518-COMP-01MS

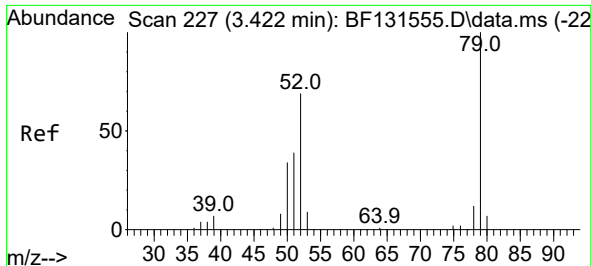
Tgt Ion:152 Resp: 54111
 Ion Ratio Lower Upper
 152 100
 150 152.3 116.7 175.1
 115 72.2 54.6 82.0



#2
 1,4-Dioxane
 Concen: 47.417 ng
 RT: 2.810 min Scan# 123
 Delta R.T. 0.182 min
 Lab File: BF131616.D
 Acq: 13 Dec 2022 17:12

Tgt Ion: 88 Resp: 69421
 Ion Ratio Lower Upper
 88 100
 58 72.4 60.0 90.0
 43 0.0 26.7 40.1#





#3

Pyridine

Concen: 41.774 ng

RT: 3.528 min Scan# 24

Delta R.T. 0.135 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-01MS

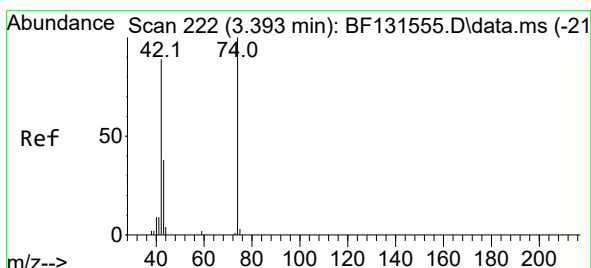
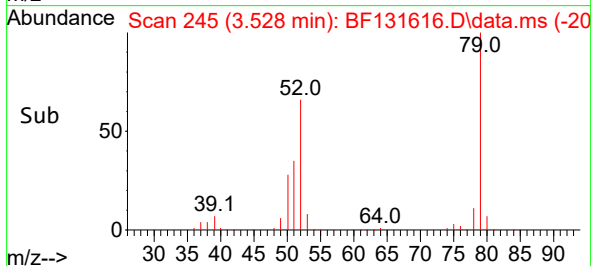
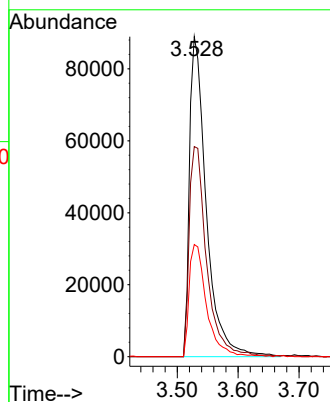
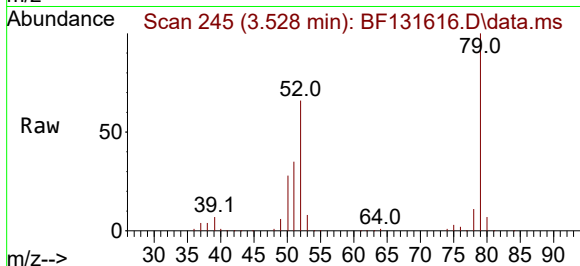
Tgt Ion: 79 Resp: 169801

Ion Ratio Lower Upper

79 100

52 65.7 55.0 82.6

51 35.1 31.4 47.2



#4

n-Nitrosodimethylamine

Concen: 45.456 ng

RT: 3.475 min Scan# 236

Delta R.T. 0.118 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

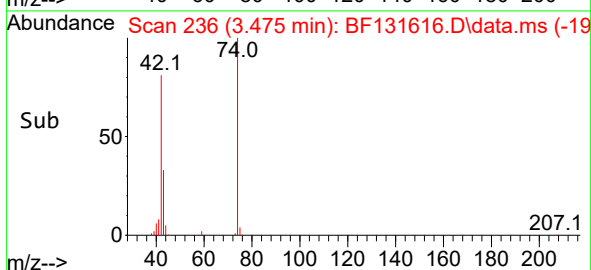
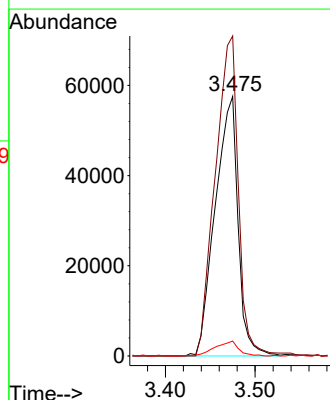
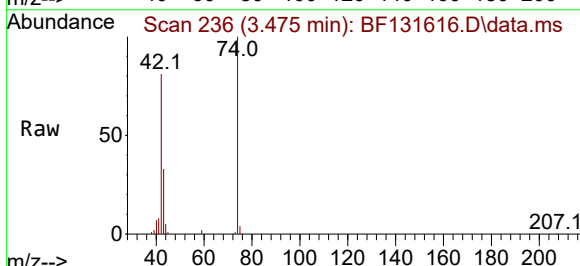
Tgt Ion: 42 Resp: 101900

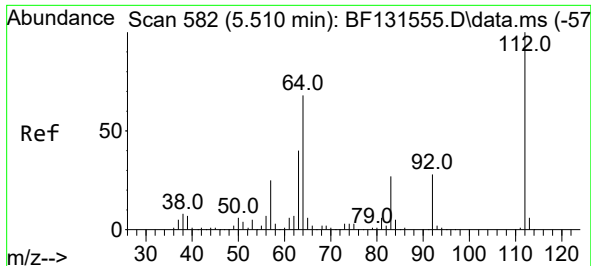
Ion Ratio Lower Upper

42 100

74 123.3 90.2 135.2

44 5.7 3.7 5.5#

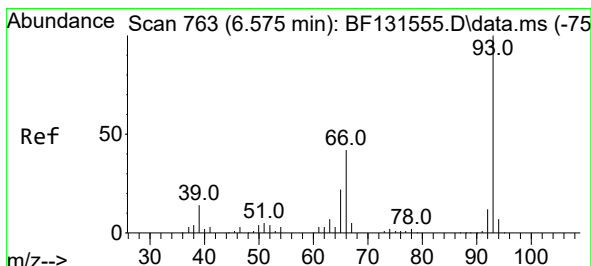
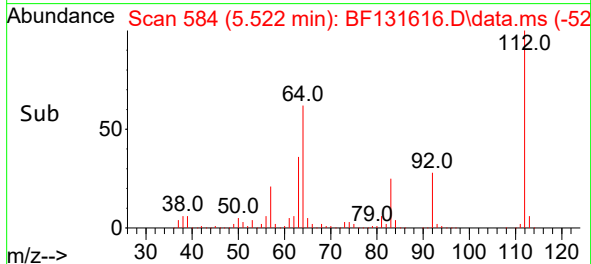
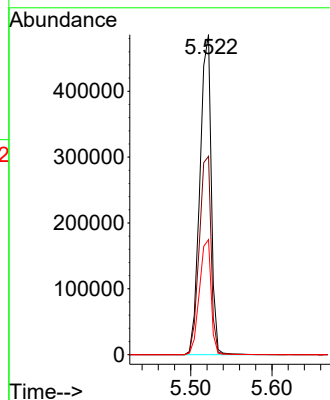
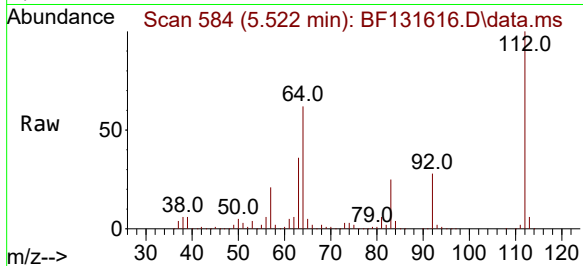




#5
2-Fluorophenol
Concen: 145.727 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

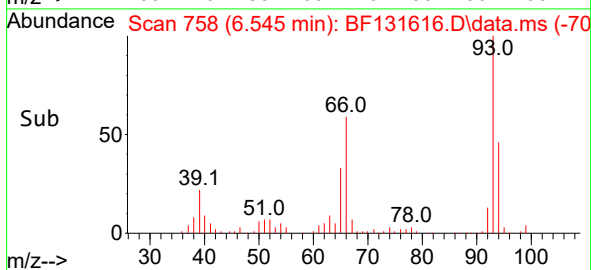
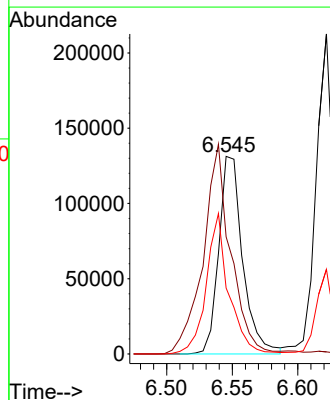
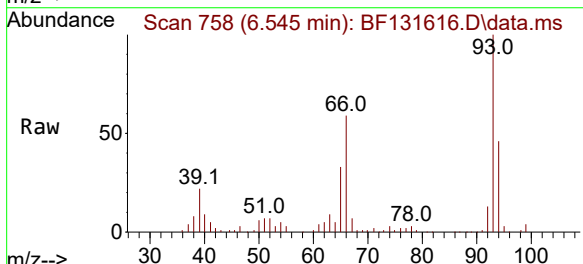
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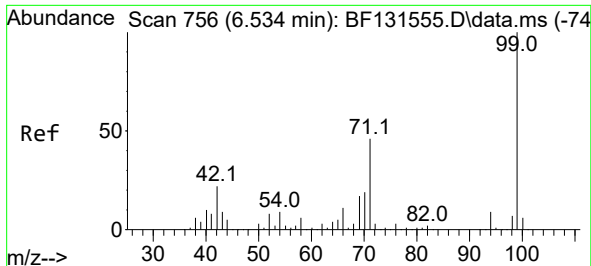
Tgt Ion:112 Resp: 472666
Ion Ratio Lower Upper
112 100
64 62.0 54.5 81.7
63 35.9 31.9 47.9



#6
Aniline
Concen: 32.716 ng
RT: 6.545 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Tgt Ion: 93 Resp: 166302
Ion Ratio Lower Upper
93 100
66 59.3 34.6 51.8#
65 33.4 17.7 26.5#

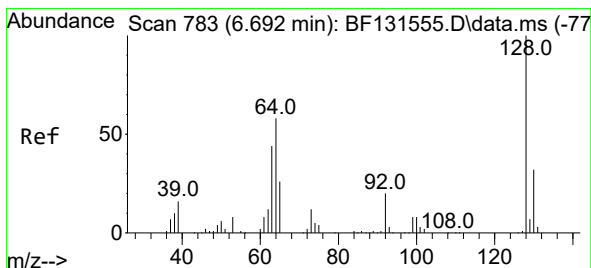
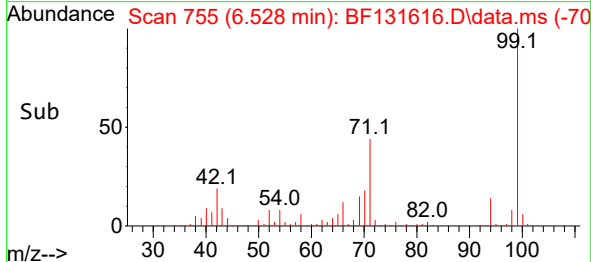
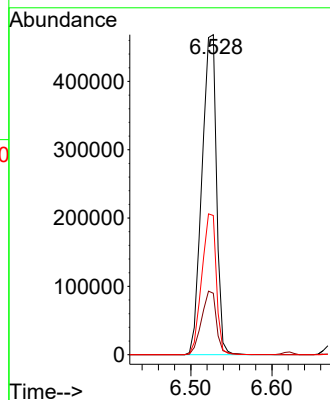
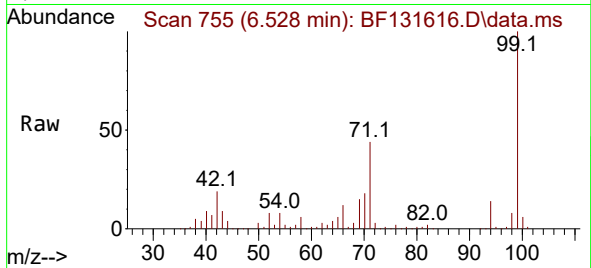




#7
Phenol-d6
Concen: 137.120 ng
RT: 6.528 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

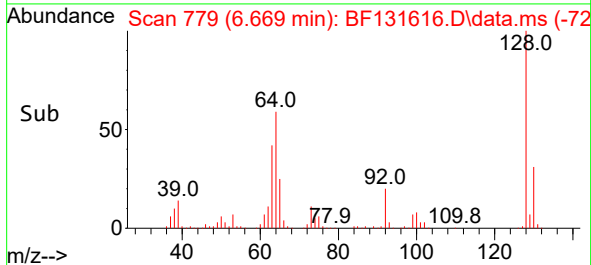
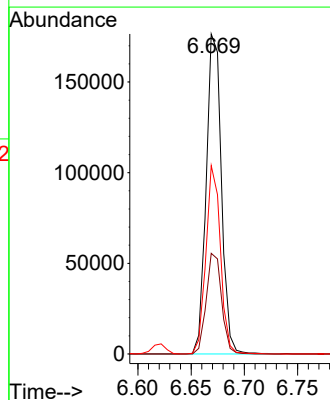
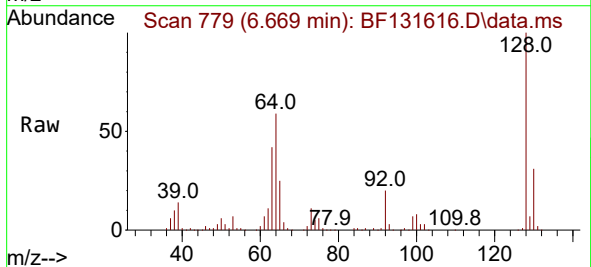
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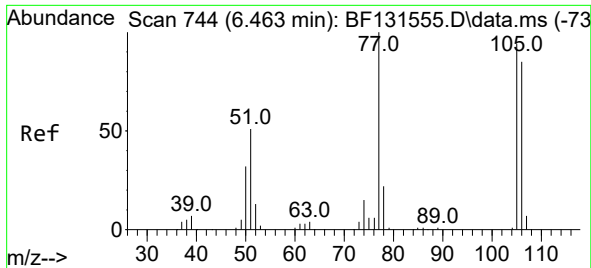
Tgt Ion: 99 Resp: 582815
Ion Ratio Lower Upper
99 100
42 19.2 17.9 26.9
71 43.5 37.2 55.8



#8
2-Chlorophenol
Concen: 51.139 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Tgt Ion: 128 Resp: 175778
Ion Ratio Lower Upper
128 100
130 31.4 11.6 51.6
64 58.8 40.6 80.6





#9

Benzaldehyde

Concen: 22.735 ng

RT: 6.434 min Scan# 744

Delta R.T. 0.000 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-01MS

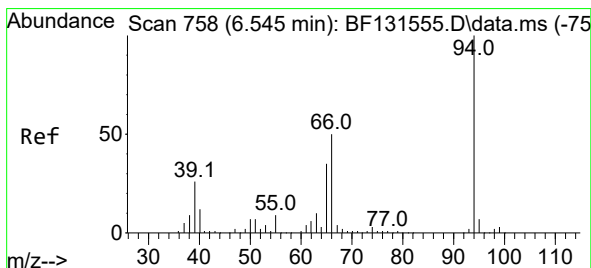
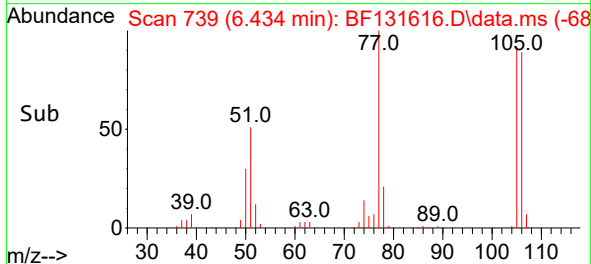
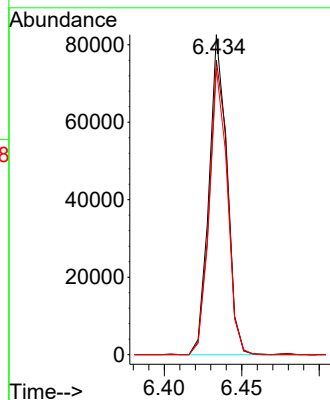
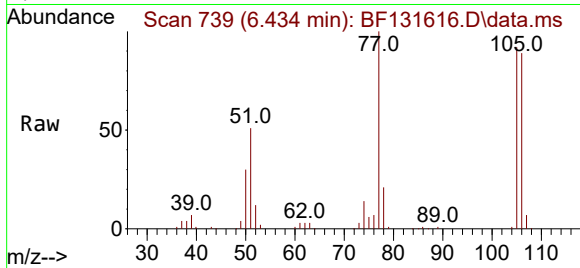
Tgt Ion: 77 Resp: 66197

Ion Ratio Lower Upper

77 100

105 92.0 73.8 113.8

106 89.5 65.2 105.2



#10

Phenol

Concen: 47.790 ng

RT: 6.539 min Scan# 757

Delta R.T. 0.006 min

Lab File: BF131616.D

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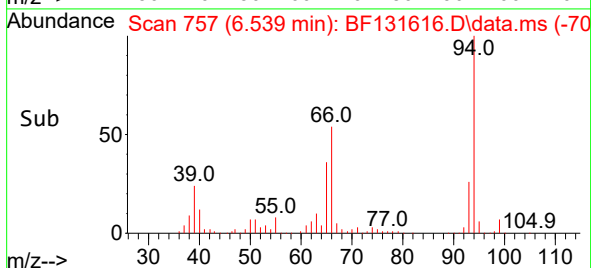
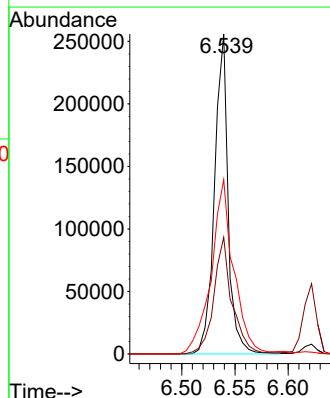
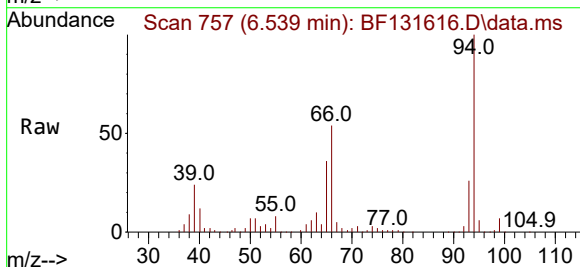
Tgt Ion: 94 Resp: 226576

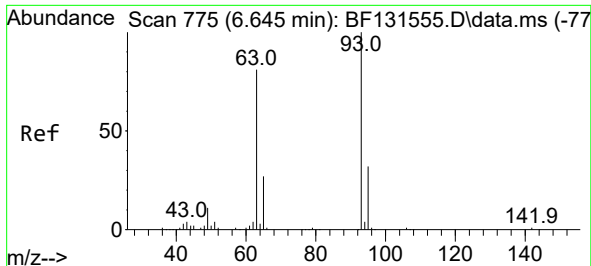
Ion Ratio Lower Upper

94 100

65 36.4 14.8 54.8

66 54.5 30.8 70.8

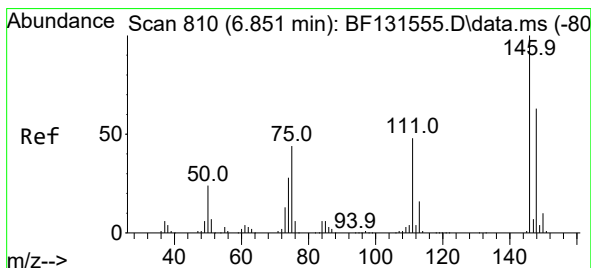
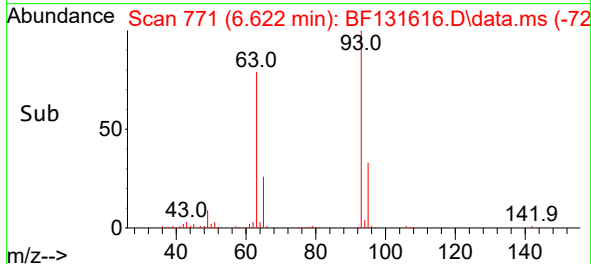
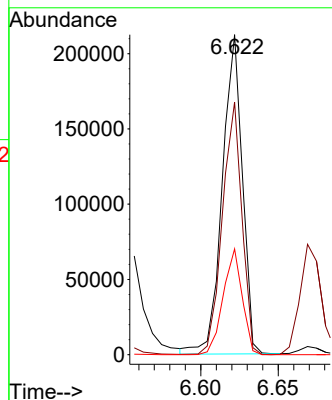
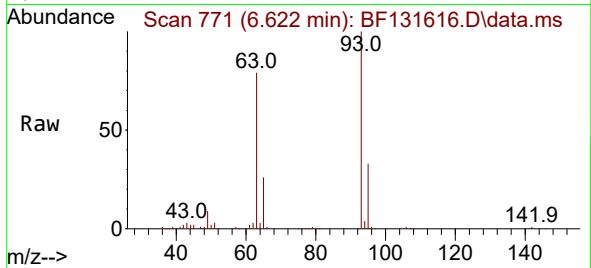




#11
bis(2-Chloroethyl)ether
Concen: 53.624 ng
RT: 6.622 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

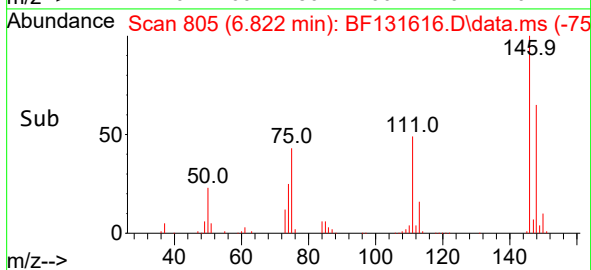
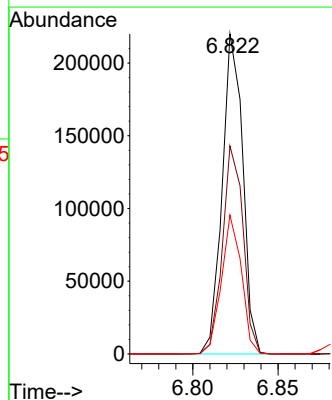
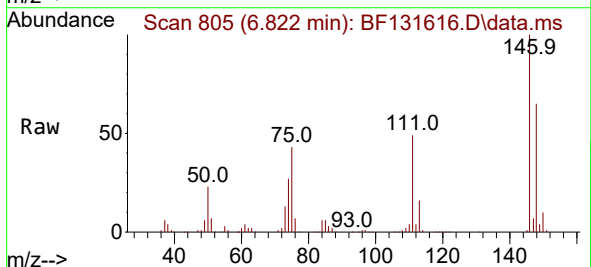
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS

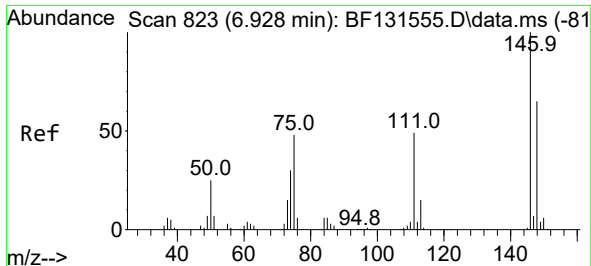
Tgt Ion: 93 Resp: 190574
Ion Ratio Lower Upper
93 100
63 79.0 60.4 100.4
95 33.1 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 46.347 ng
RT: 6.822 min Scan# 805
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Tgt Ion: 146 Resp: 184700
Ion Ratio Lower Upper
146 100
148 65.0 50.7 76.1
75 43.4 35.1 52.7





#13

1,4-Dichlorobenzene

Concen: 46.675 ng

RT: 6.904 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-01MS

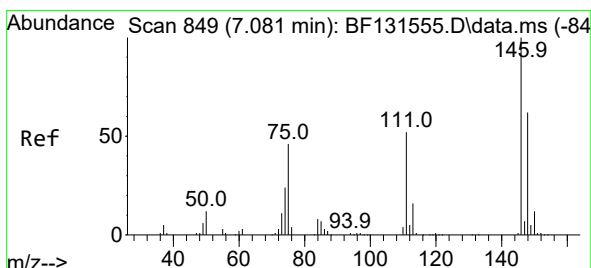
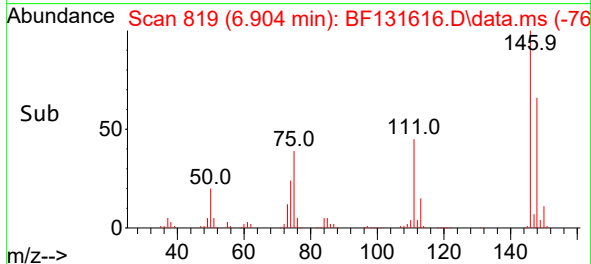
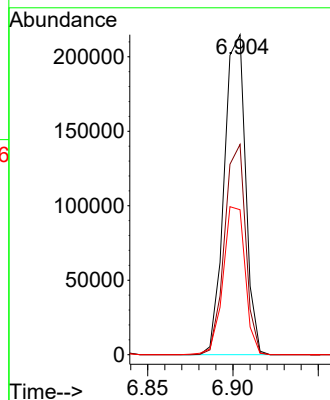
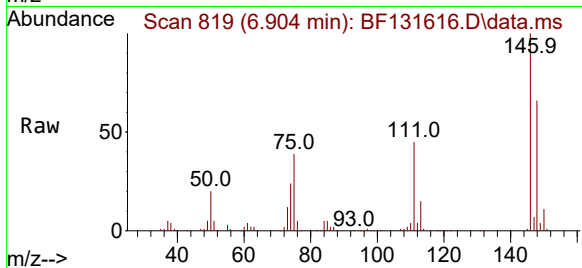
Tgt Ion:146 Resp: 187620

Ion Ratio Lower Upper

146 100

148 65.7 51.8 77.6

111 45.3 38.9 58.3



#14

1,2-Dichlorobenzene

Concen: 47.181 ng

RT: 7.051 min Scan# 844

Delta R.T. -0.006 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

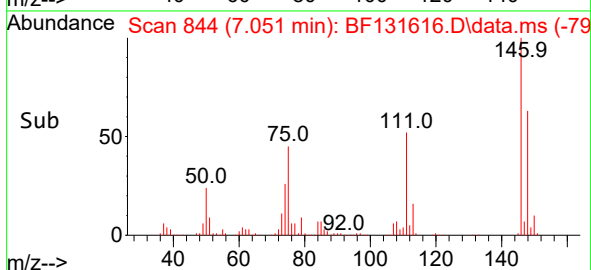
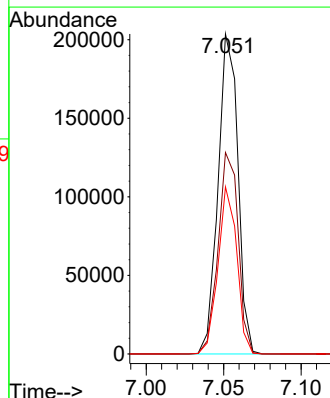
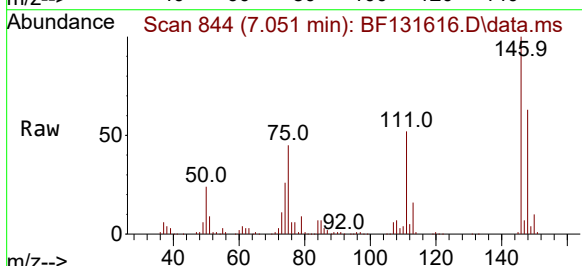
Tgt Ion:146 Resp: 181171

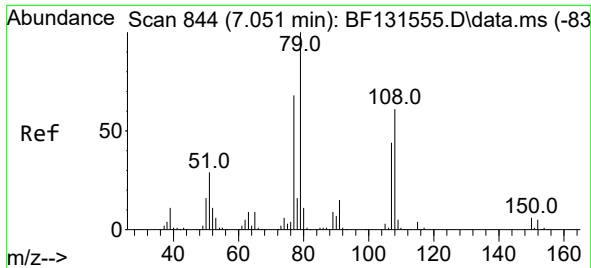
Ion Ratio Lower Upper

146 100

148 62.9 49.9 74.9

111 52.2 41.8 62.6

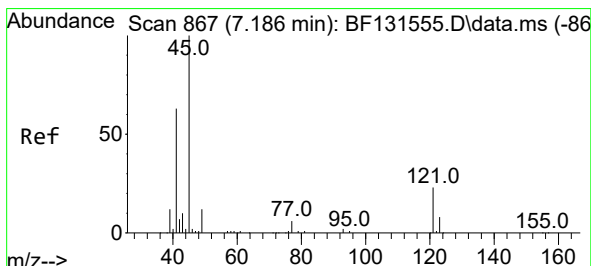
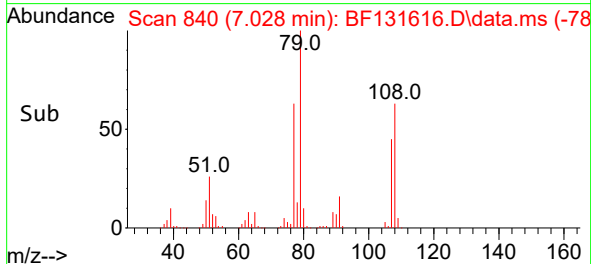
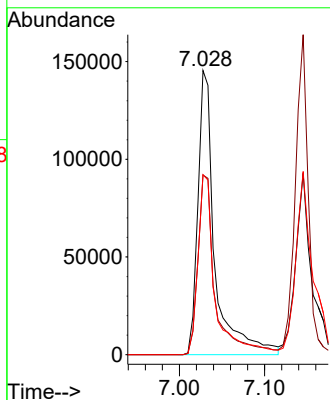
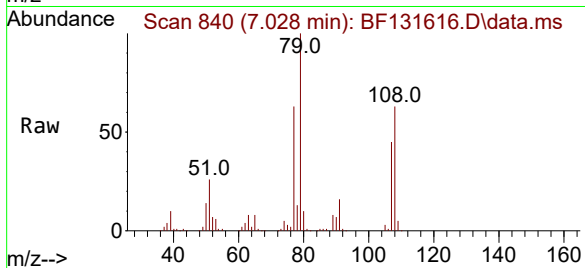




#15
Benzyl Alcohol
Concen: 51.782 ng
RT: 7.028 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

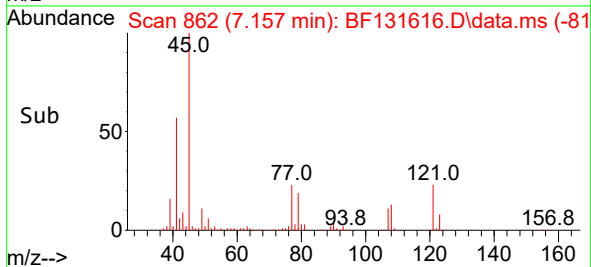
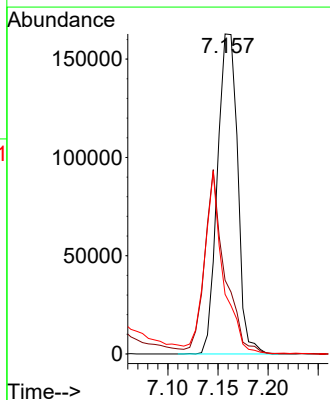
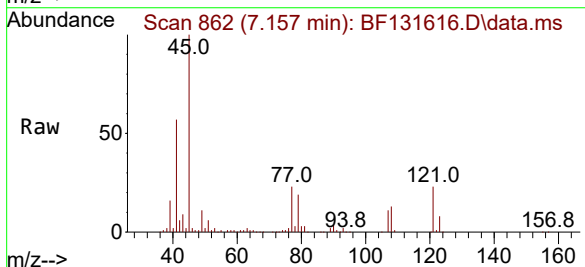
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS

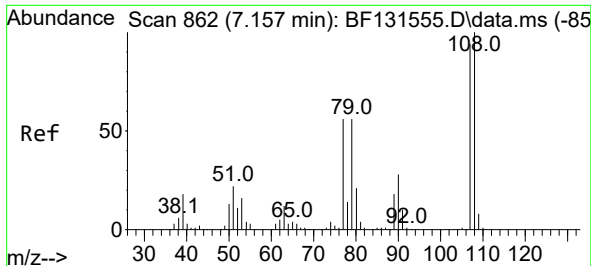
Tgt Ion: 79 Resp: 201777
Ion Ratio Lower Upper
79 100
108 63.2 49.2 73.8
77 63.3 54.5 81.7



#16
2,2'-oxybis(1-chloropropane)
Concen: 49.509 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Tgt Ion: 45 Resp: 227283
Ion Ratio Lower Upper
45 100
77 23.1 0.0 37.7
79 18.6 0.0 33.6

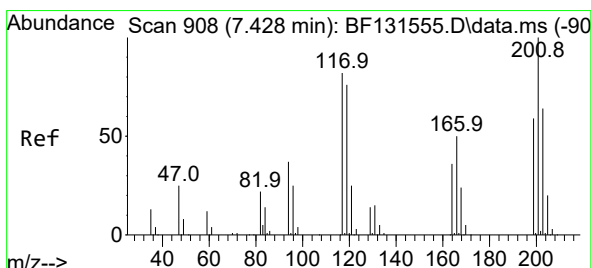
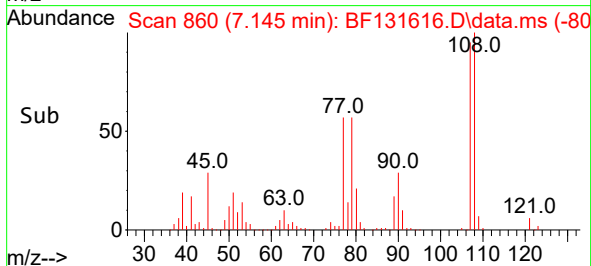
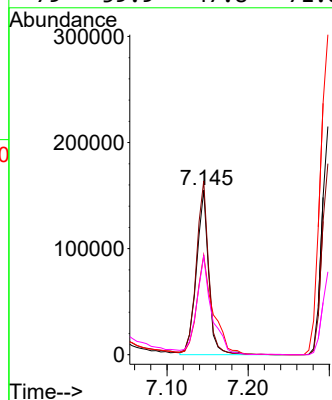
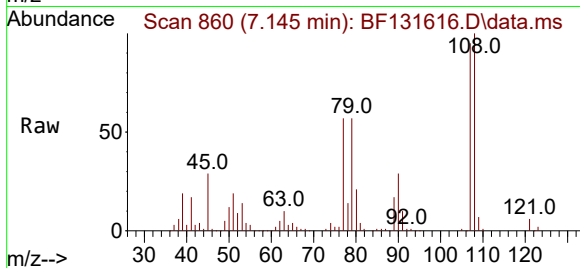




#17
2-Methylphenol
Concen: 52.735 ng
RT: 7.145 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

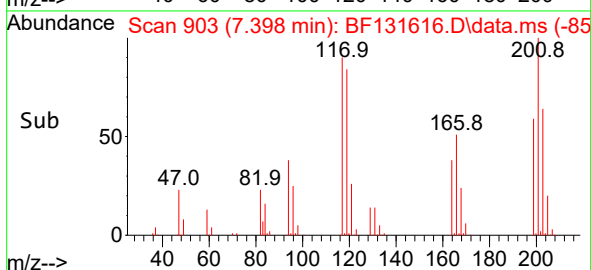
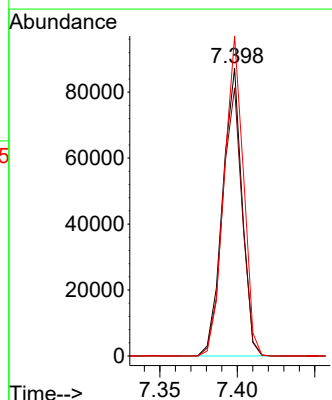
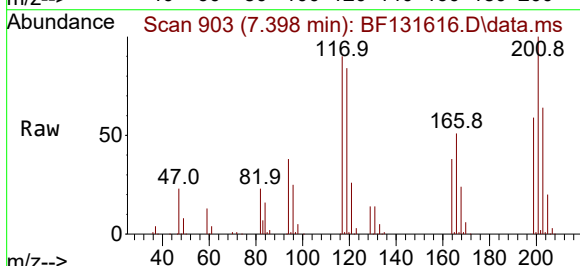
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS

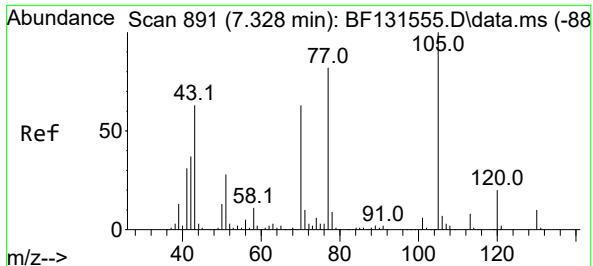
Tgt Ion:	107	Resp:	163362
Ion	Ratio	Lower	Upper
107	100		
108	105.5	85.5	128.3
77	60.4	48.2	72.4
79	59.9	47.8	71.8



#18
Hexachloroethane
Concen: 46.954 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Tgt Ion:	117	Resp:	76137
Ion	Ratio	Lower	Upper
117	100		
119	93.2	75.0	112.4
201	111.2	98.0	147.0





#19

n-Nitroso-di-n-propylamine

Concen: 49.190 ng

RT: 7.298 min Scan# 886

Delta R.T. 0.000 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-01MS

Tgt Ion: 70 Resp: 156773

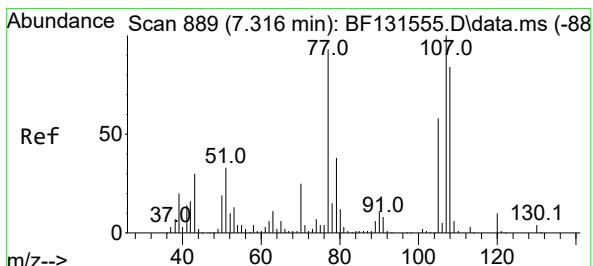
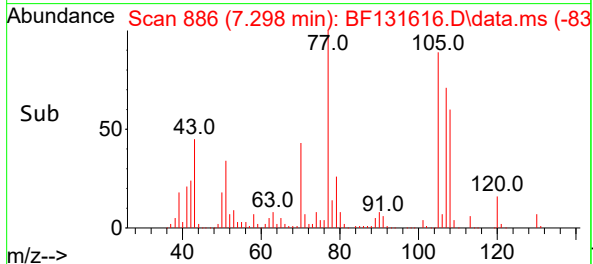
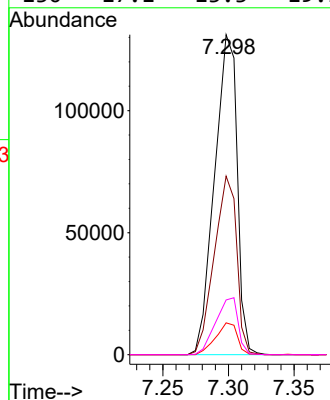
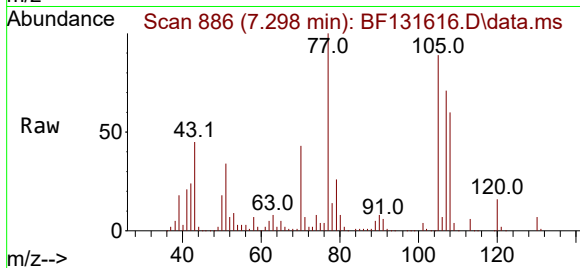
Ion Ratio Lower Upper

70 100

42 55.8 46.4 69.6

101 9.9 7.2 10.8

130 17.1 13.3 19.9



#20

3+4-Methylphenols

Concen: 48.059 ng

RT: 7.298 min Scan# 886

Delta R.T. 0.000 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

Tgt Ion: 107 Resp: 202778

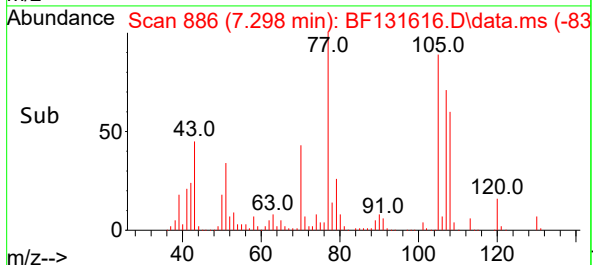
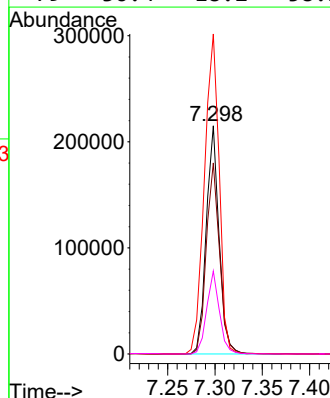
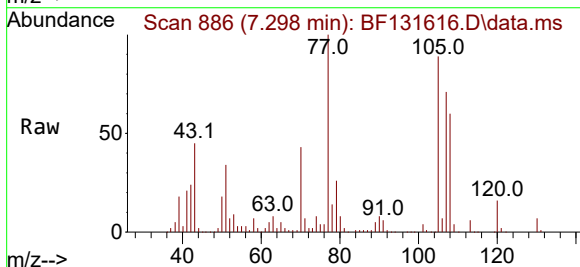
Ion Ratio Lower Upper

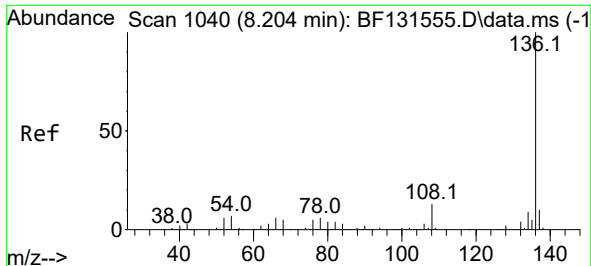
107 100

108 83.7 64.0 104.0

77 140.2 73.1 113.1#

79 36.4 18.2 58.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131616.D

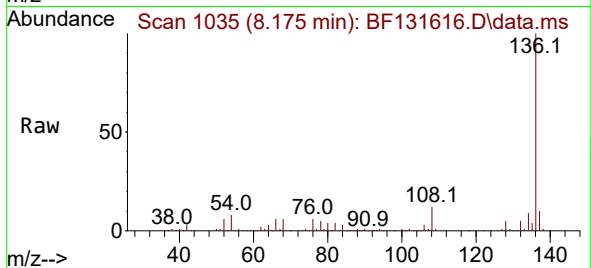
Acq: 13 Dec 2022 17:12

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-01MS



Tgt Ion:136 Resp: 195520

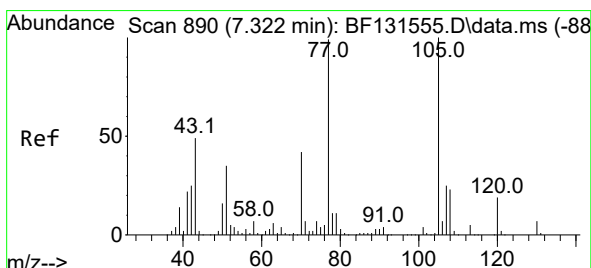
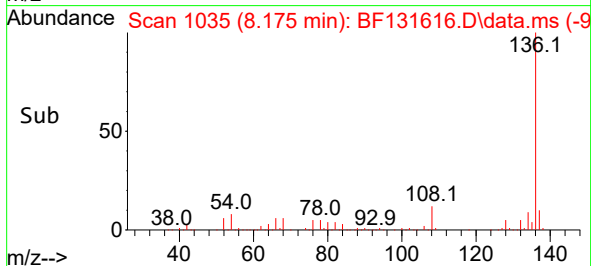
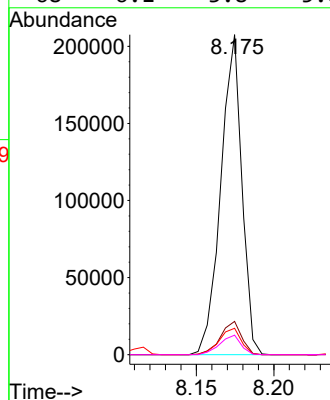
Ion Ratio Lower Upper

136 100

137 10.4 8.1 12.1

54 8.3 6.0 9.0

68 6.1 3.8 5.8#



#22

Acetophenone

Concen: 48.988 ng

RT: 7.298 min Scan# 886

Delta R.T. 0.000 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

Tgt Ion:105 Resp: 300154

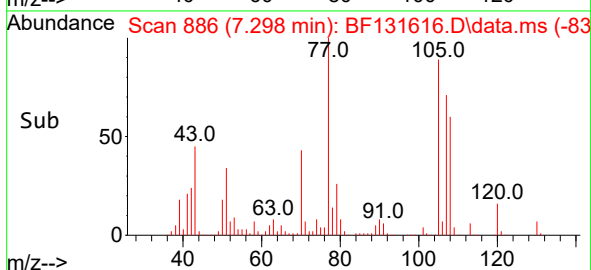
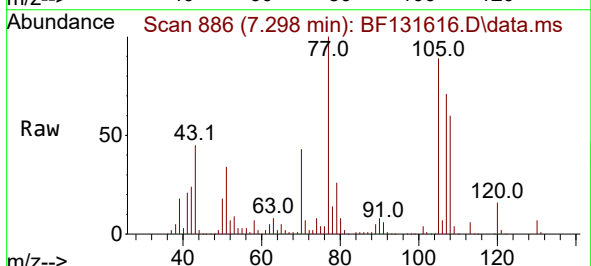
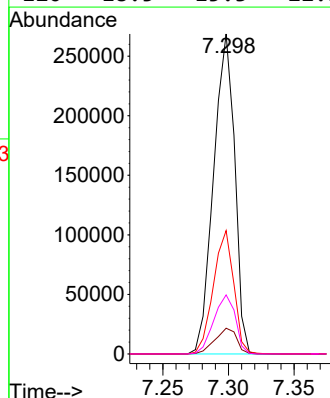
Ion Ratio Lower Upper

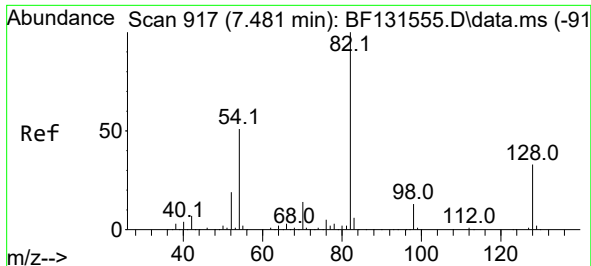
105 100

71 8.1 5.4 8.0#

51 38.6 27.8 41.6

120 18.5 15.3 22.9





#23

Nitrobenzene-d5

Concen: 91.442 ng

RT: 7.457 min Scan# 916

Delta R.T. 0.000 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-01MS

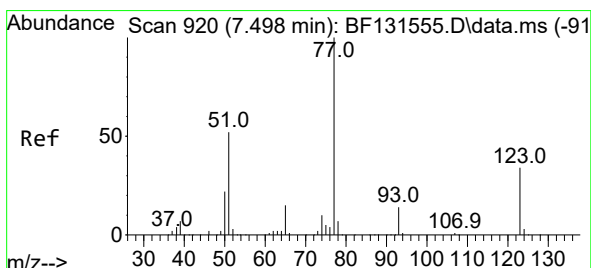
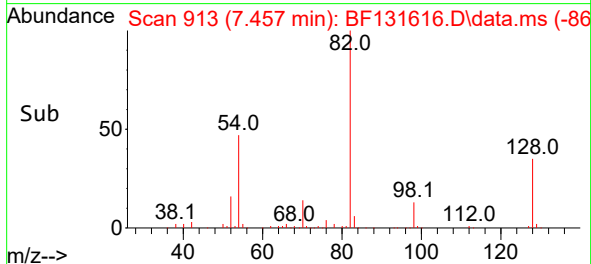
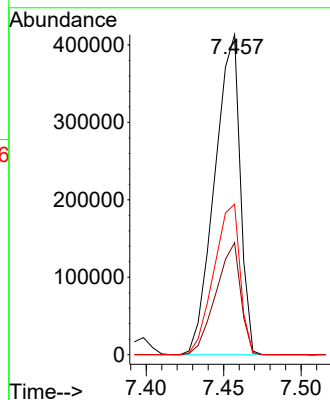
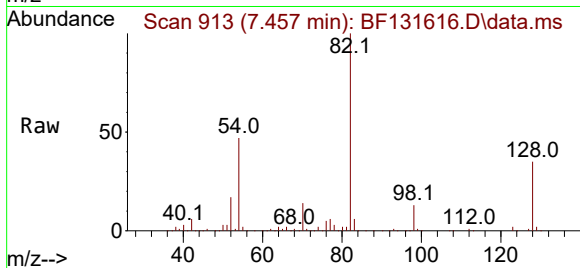
Tgt Ion: 82 Resp: 472899

Ion Ratio Lower Upper

82 100

128 35.0 26.1 39.1

54 47.1 40.6 60.8



#24

Nitrobenzene

Concen: 47.233 ng

RT: 7.475 min Scan# 916

Delta R.T. 0.000 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

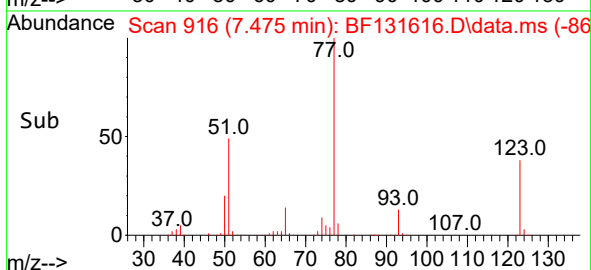
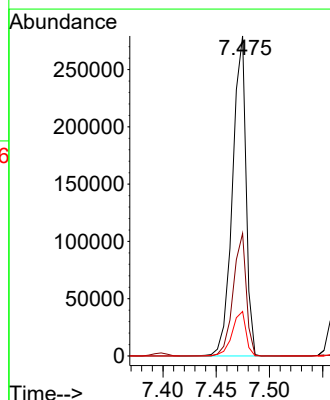
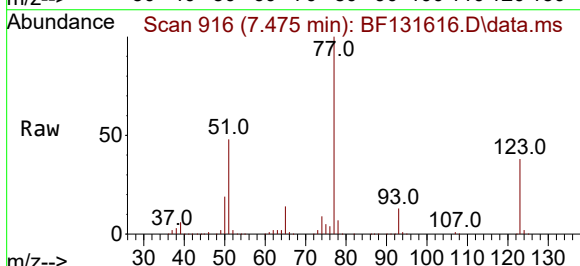
Tgt Ion: 77 Resp: 246364

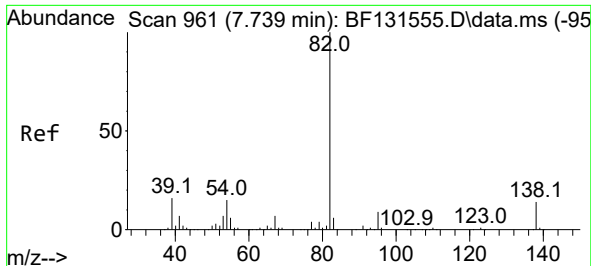
Ion Ratio Lower Upper

77 100

123 38.3 27.1 40.7

65 13.9 11.9 17.9

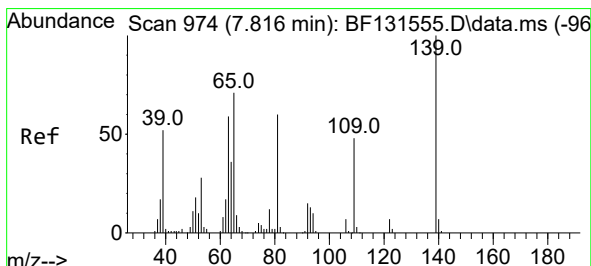
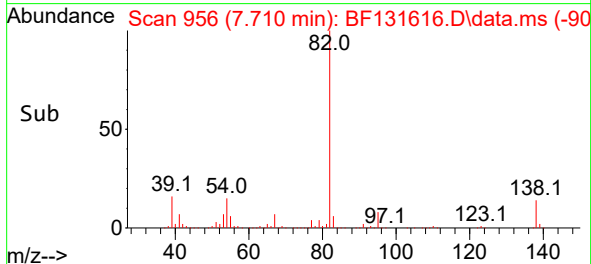
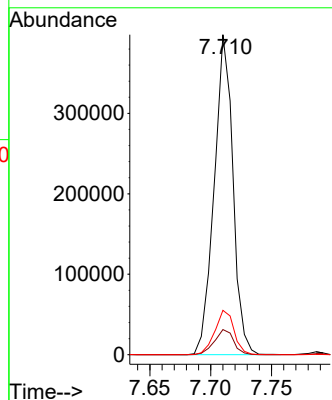
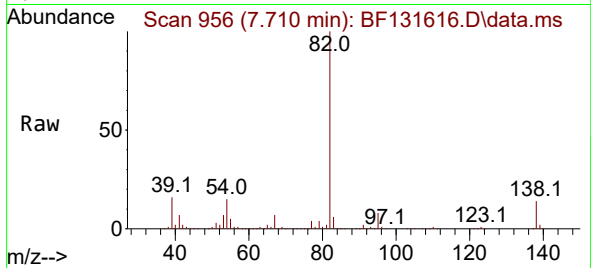




#25
Isophorone
Concen: 51.112 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

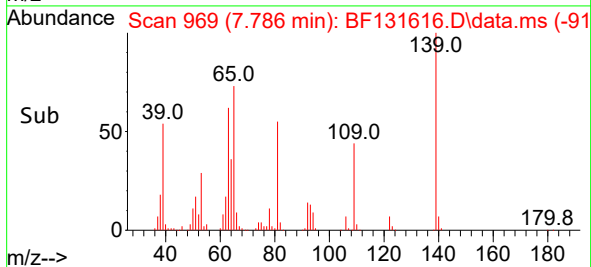
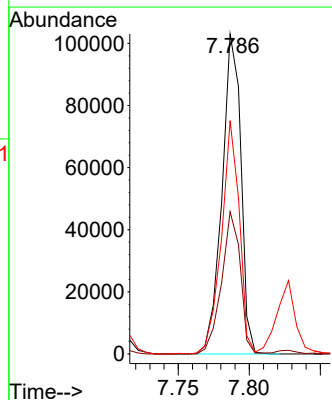
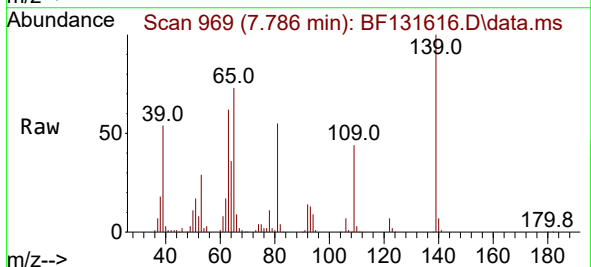
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS

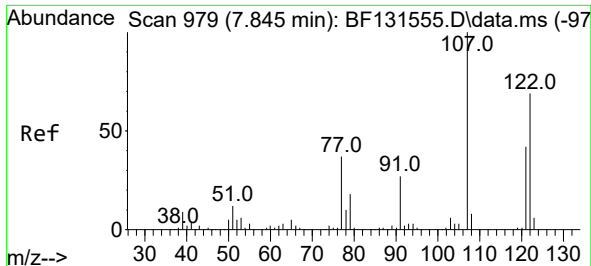
Tgt Ion: 82 Resp: 425769
Ion Ratio Lower Upper
82 100
95 7.8 6.9 10.3
138 13.8 11.4 17.0



#26
2-Nitrophenol
Concen: 53.451 ng
RT: 7.786 min Scan# 969
Delta R.T. -0.006 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Tgt Ion: 139 Resp: 95075
Ion Ratio Lower Upper
139 100
109 44.5 38.6 58.0
65 72.9 56.5 84.7





#27

2,4-Dimethylphenol

Concen: 58.614 ng

RT: 7.828 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-01MS

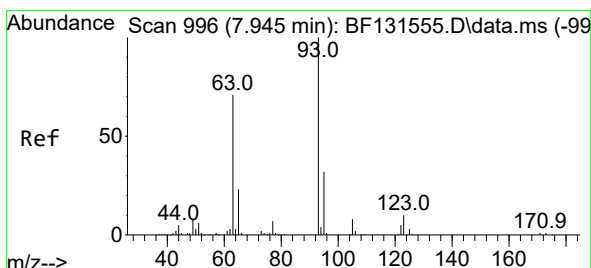
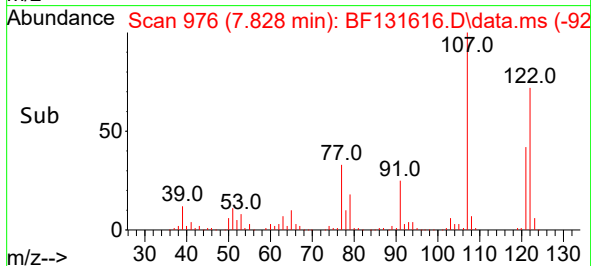
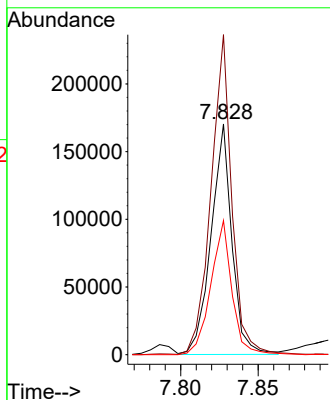
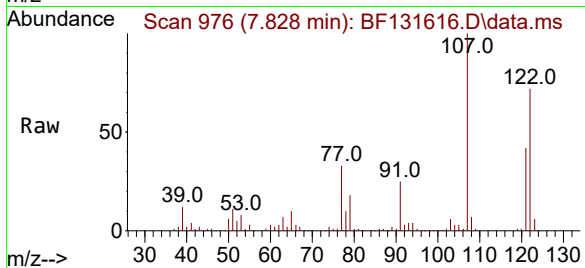
Tgt Ion:122 Resp: 159802

Ion Ratio Lower Upper

122 100

107 138.7 114.2 171.2

121 58.1 48.2 72.2



#28

bis(2-Chloroethoxy)methane

Concen: 54.216 ng

RT: 7.922 min Scan# 992

Delta R.T. 0.000 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

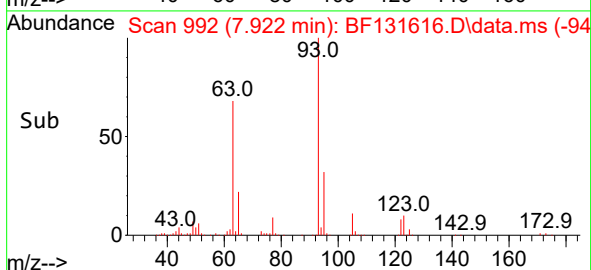
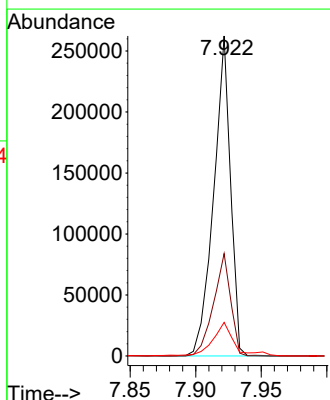
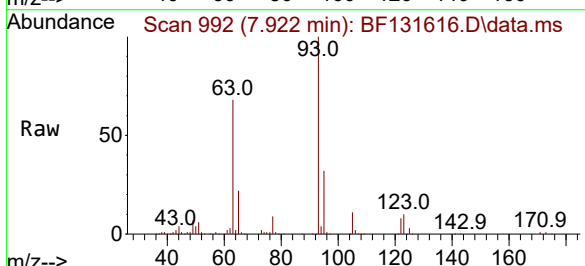
Tgt Ion: 93 Resp: 233630

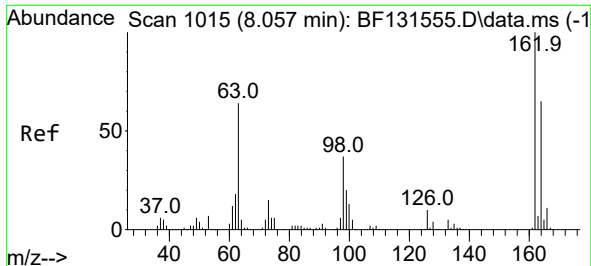
Ion Ratio Lower Upper

93 100

95 32.0 25.8 38.6

123 10.5 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 48.951 ng

RT: 8.033 min Scan# 1011

Delta R.T. 0.000 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-01MS

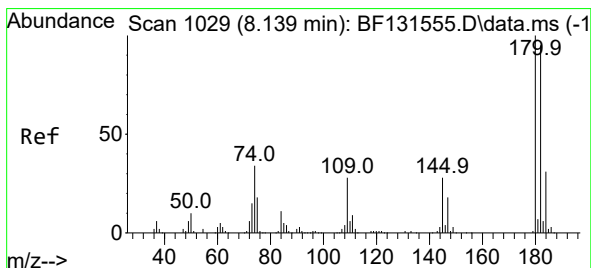
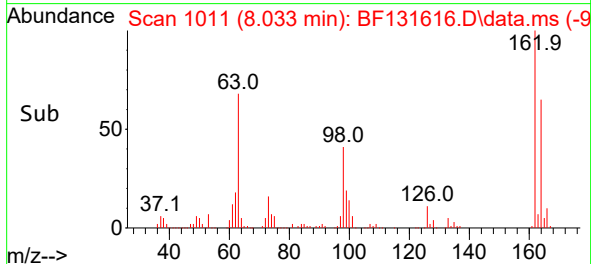
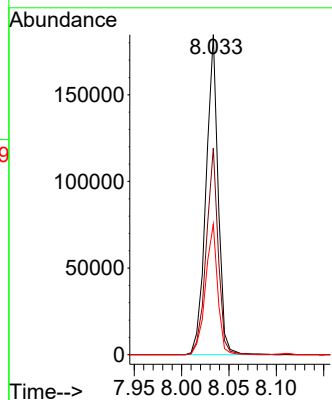
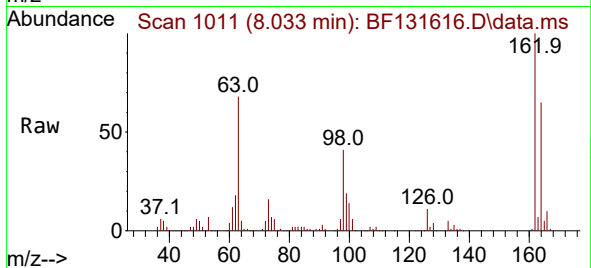
Tgt Ion:162 Resp: 165016

Ion Ratio Lower Upper

162 100

164 64.6 45.0 85.0

98 40.8 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 45.338 ng

RT: 8.110 min Scan# 1024

Delta R.T. -0.006 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

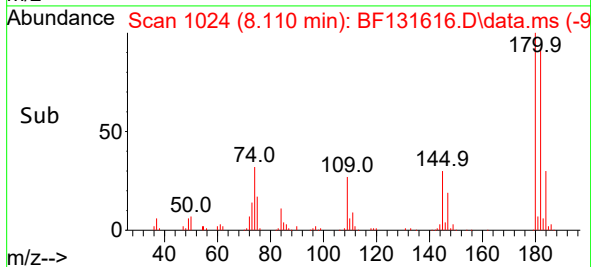
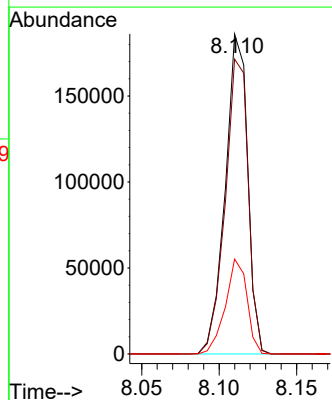
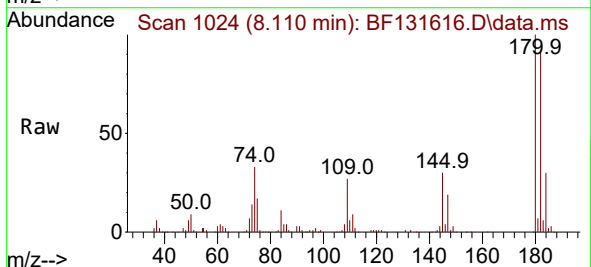
Tgt Ion:180 Resp: 187429

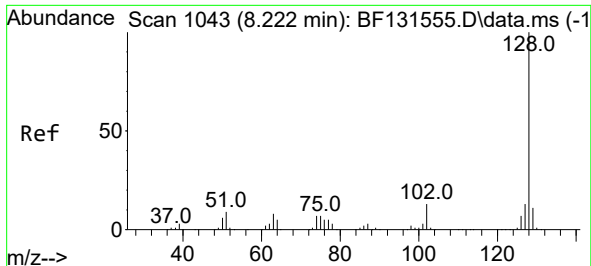
Ion Ratio Lower Upper

180 100

182 92.2 75.8 113.6

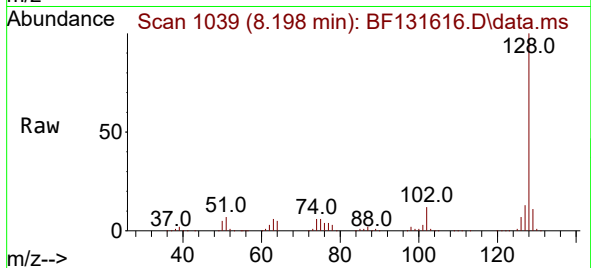
145 29.6 22.4 33.6



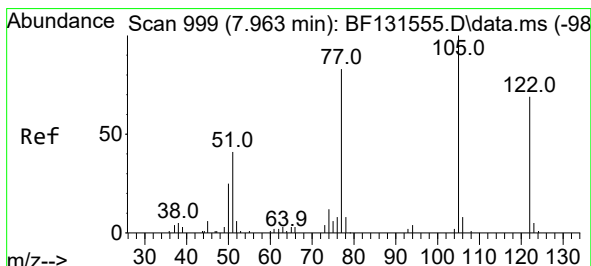
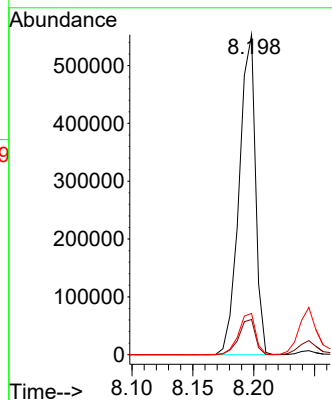
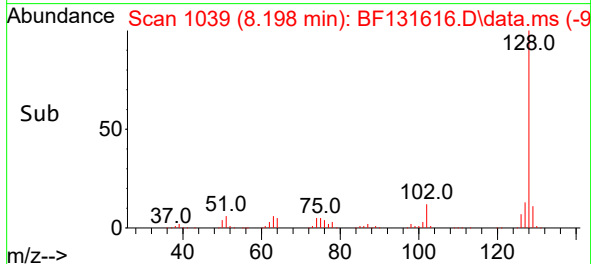


#31
Naphthalene
Concen: 46.837 ng
RT: 8.198 min Scan# 1043
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

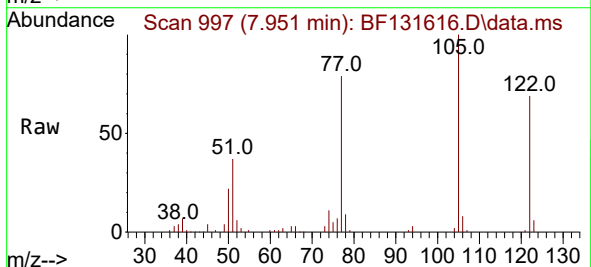
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS



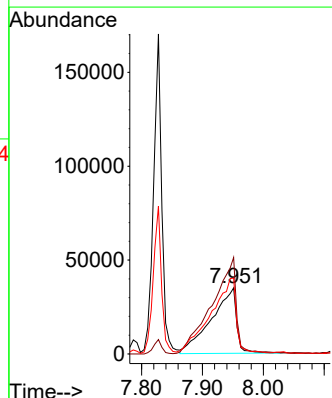
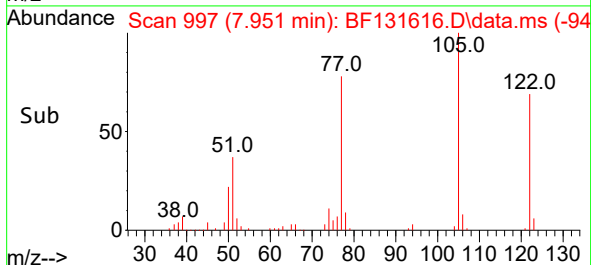
Tgt Ion:128 Resp: 515789
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 12.9 10.6 15.8

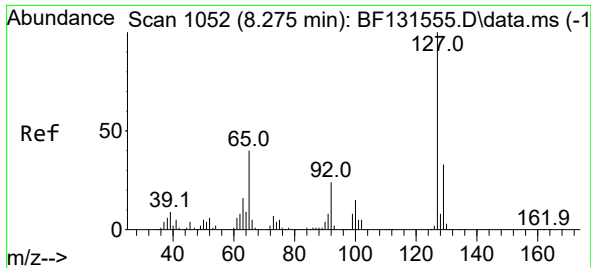


#32
Benzoic acid
Concen: 50.751 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.006 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12



Tgt Ion:122 Resp: 100206
Ion Ratio Lower Upper
122 100
105 145.9 119.8 159.8
77 114.6 97.6 137.6

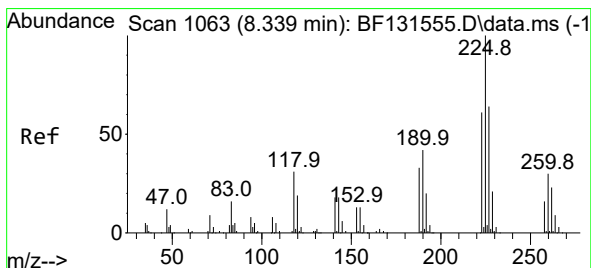
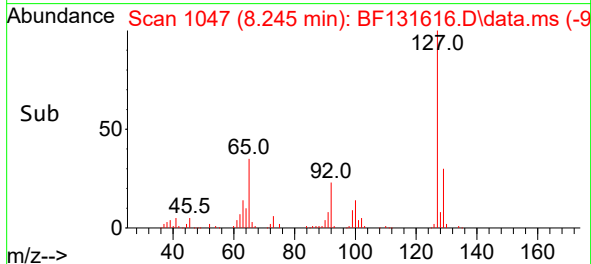
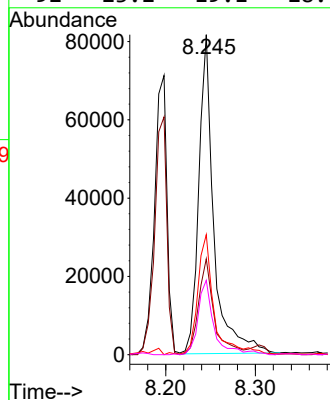
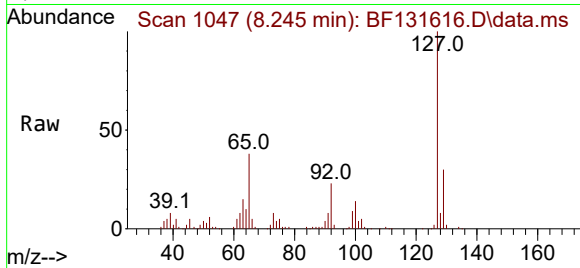




#33
4-Chloroaniline
Concen: 22.920 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

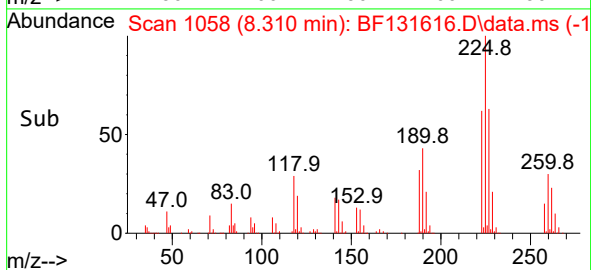
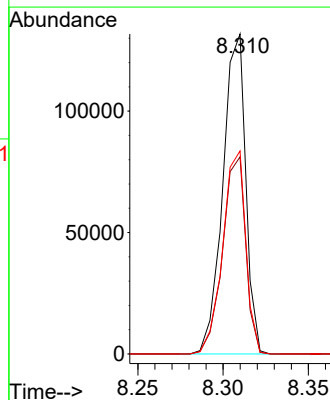
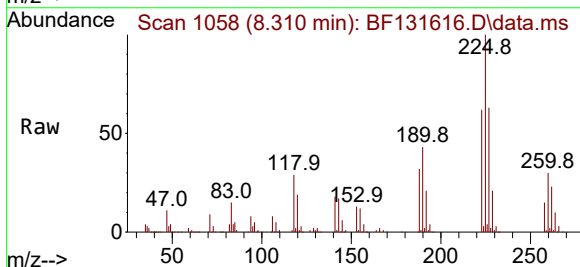
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS

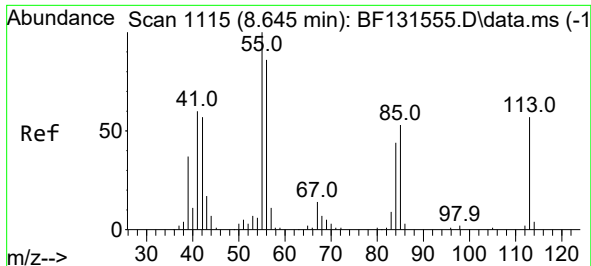
Tgt Ion:127	Resp:	94610
Ion Ratio	Lower	Upper
127	100	
129	30.0	26.4 39.6
65	37.5	31.9 47.9
92	23.2	19.1 28.7



#34
Hexachlorobutadiene
Concen: 42.253 ng
RT: 8.310 min Scan# 1058
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Tgt Ion:225	Resp:	123106
Ion Ratio	Lower	Upper
225	100	
223	61.6	48.7 73.1
227	63.4	51.0 76.6





#35

Caprolactam

Concen: 24.094 ng

RT: 8.622 min Scan# 1111

Delta R.T. -0.006 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-01MS

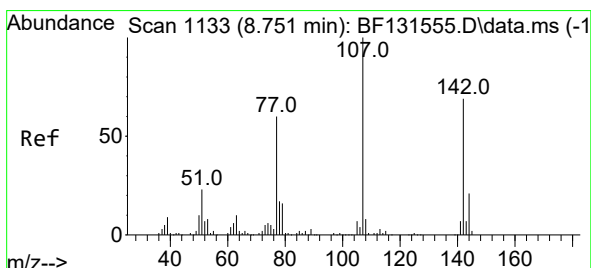
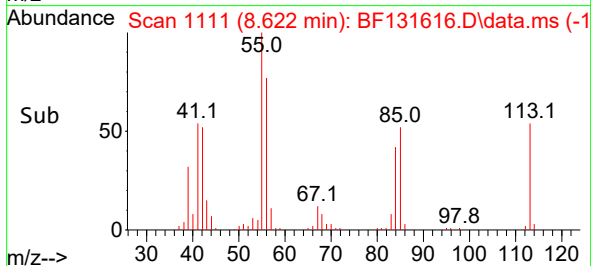
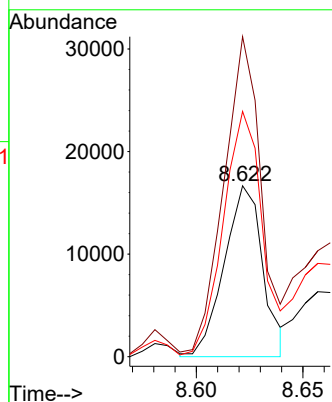
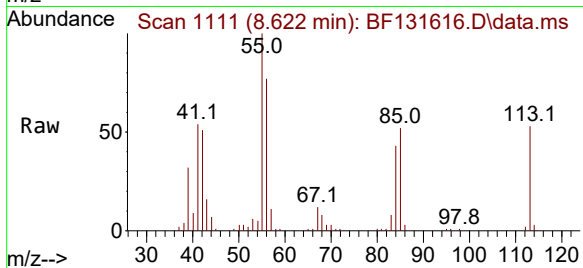
Tgt Ion:113 Resp: 21011

Ion Ratio Lower Upper

113 100

55 187.3 155.8 195.8

56 143.6 131.7 171.7



#36

4-Chloro-3-methylphenol

Concen: 51.223 ng

RT: 8.733 min Scan# 1130

Delta R.T. 0.000 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

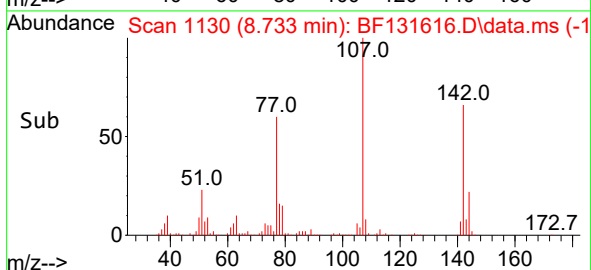
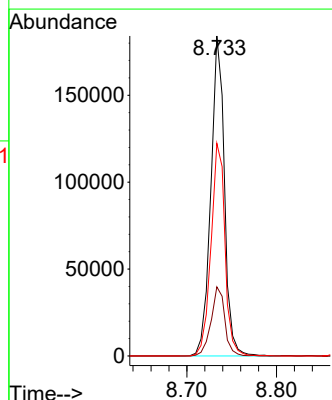
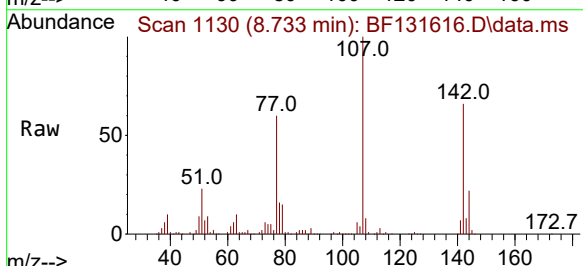
Tgt Ion:107 Resp: 193898

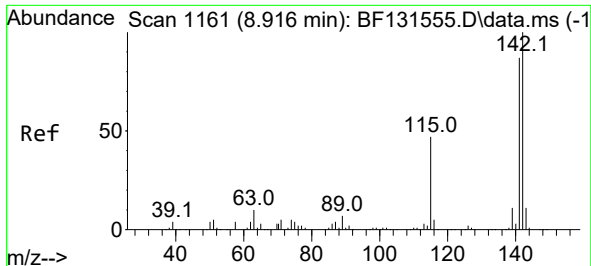
Ion Ratio Lower Upper

107 100

144 21.6 17.0 25.4

142 66.4 54.8 82.2

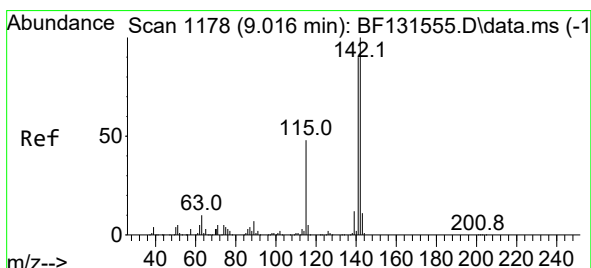
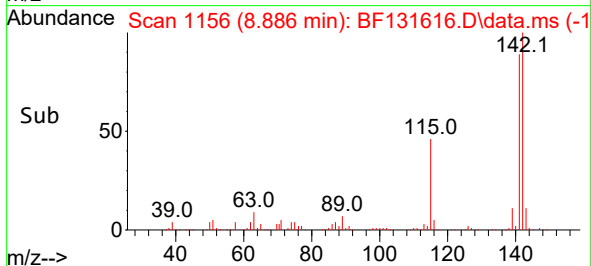
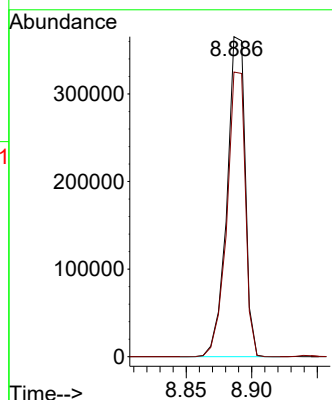
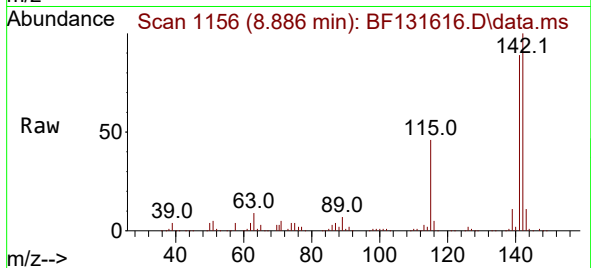




#37
2-Methylnaphthalene
Concen: 47.022 ng
RT: 8.886 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

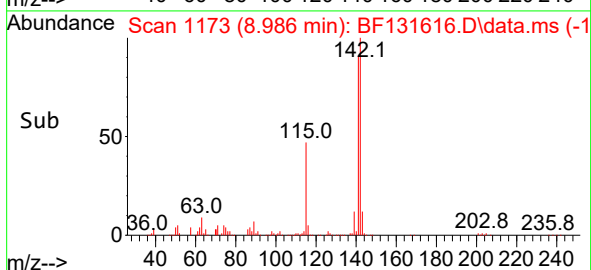
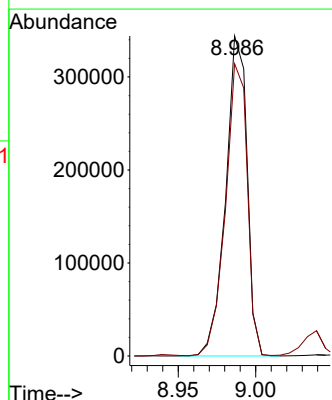
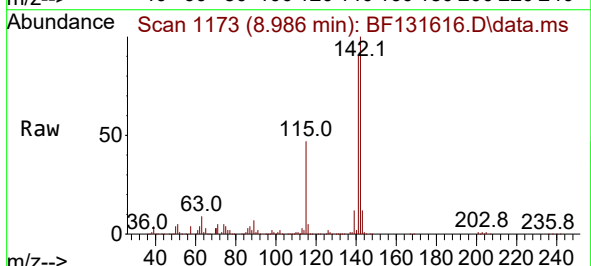
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS

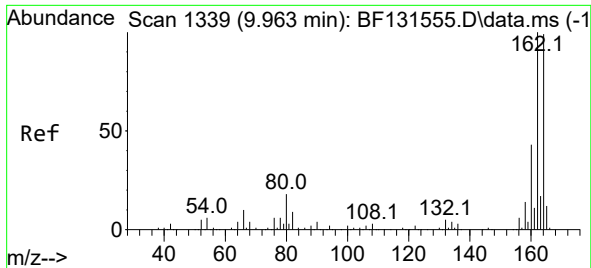
Tgt Ion:142 Resp: 354135
Ion Ratio Lower Upper
142 100
141 89.0 69.7 104.5



#38
1-Methylnaphthalene
Concen: 45.703 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Tgt Ion:142 Resp: 330418
Ion Ratio Lower Upper
142 100
141 91.3 71.9 107.9

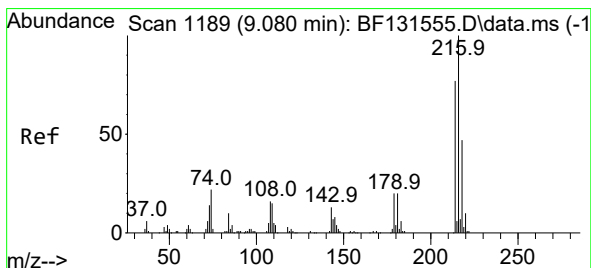
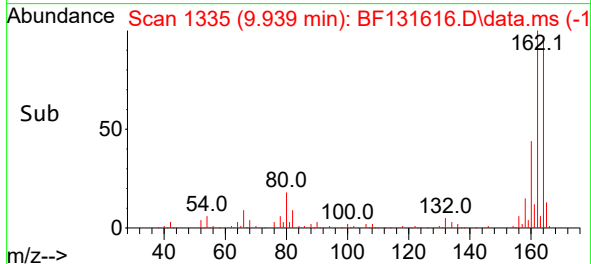
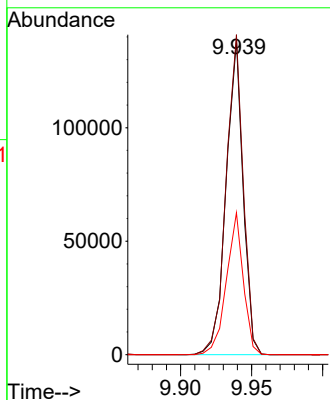
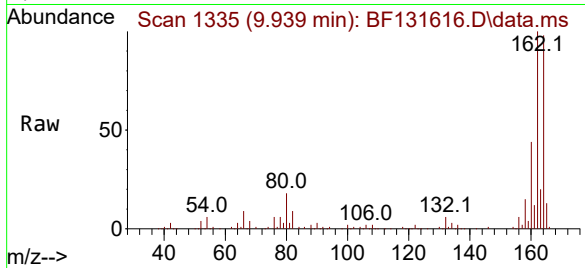




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

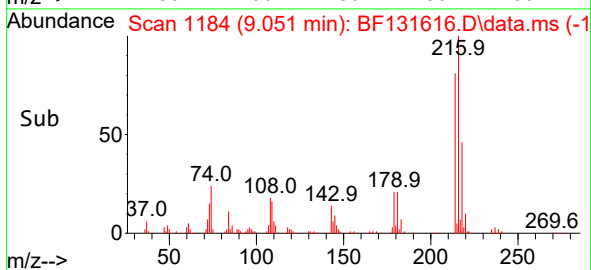
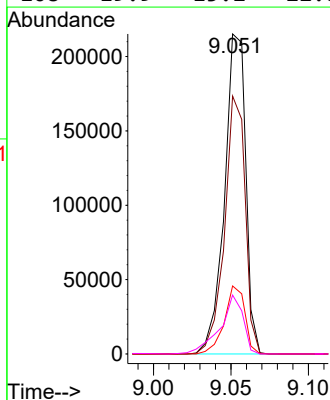
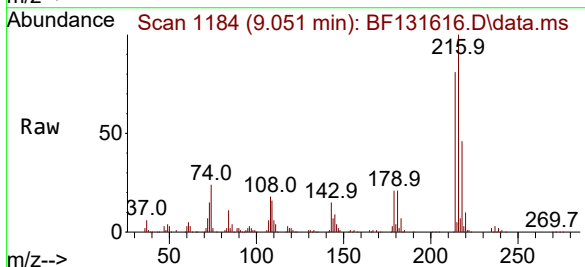
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS

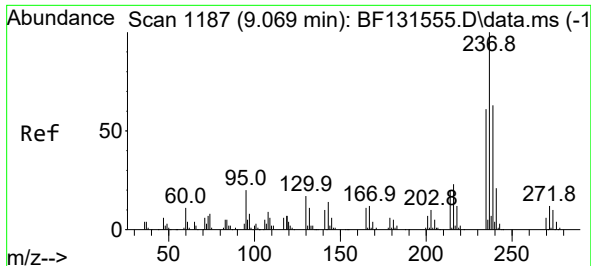
Tgt Ion:164 Resp: 114839
Ion Ratio Lower Upper
164 100
162 101.8 81.0 121.6
160 45.2 35.0 52.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.223 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Tgt Ion:216 Resp: 205000
Ion Ratio Lower Upper
216 100
214 78.0 62.1 93.1
179 20.4 16.0 24.0
108 19.9 15.2 22.8

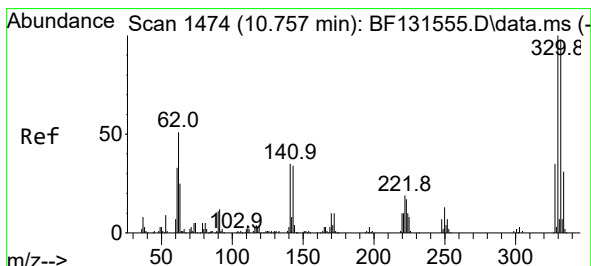
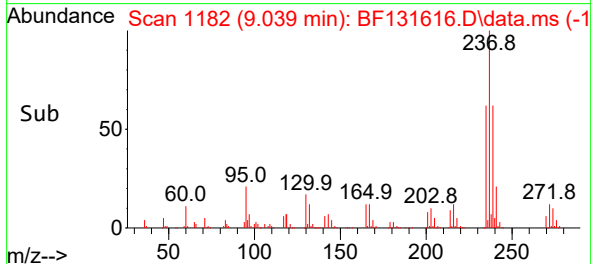
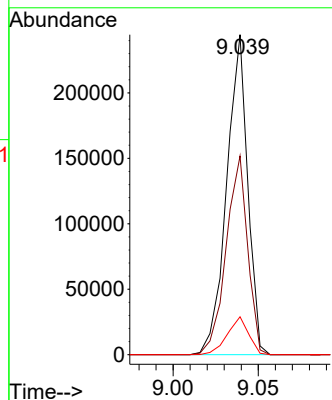
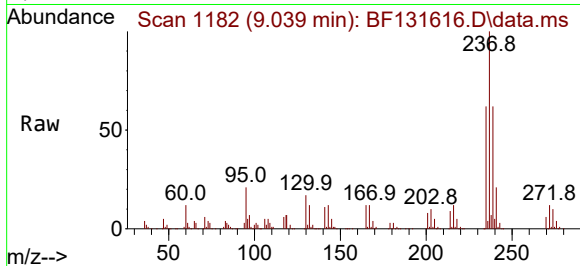




#41
Hexachlorocyclopentadiene
Concen: 97.400 ng
RT: 9.039 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

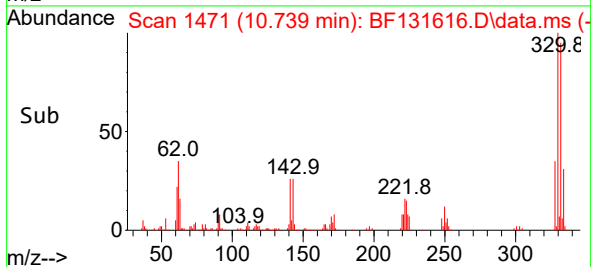
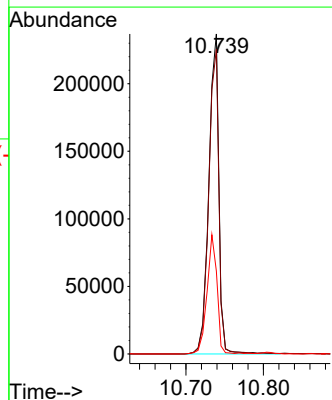
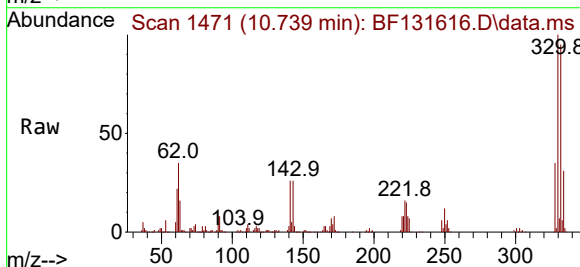
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS

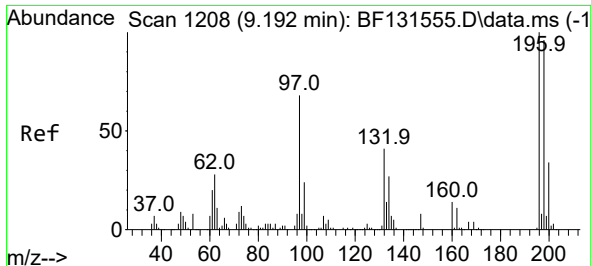
Tgt Ion:237 Resp: 210164
Ion Ratio Lower Upper
237 100
235 62.1 40.6 80.6
272 11.9 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 167.409 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.006 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Tgt Ion:330 Resp: 213596
Ion Ratio Lower Upper
330 100
332 96.2 78.3 117.5
141 37.0 32.6 49.0





#43

2,4,6-Trichlorophenol

Concen: 50.025 ng

RT: 9.169 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131616.D

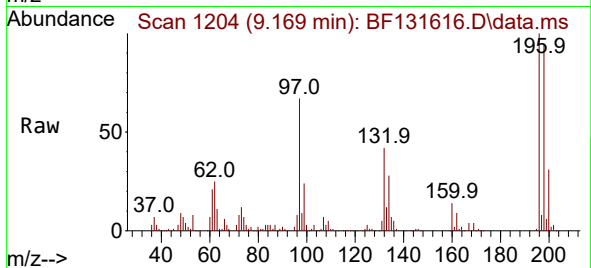
Acq: 13 Dec 2022 17:12

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-01MS



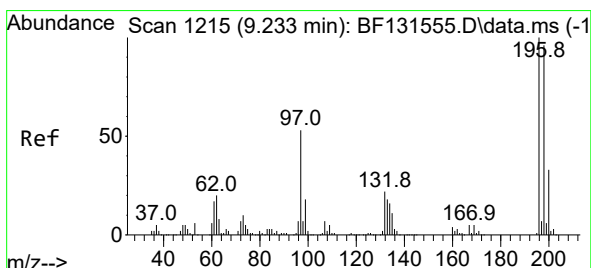
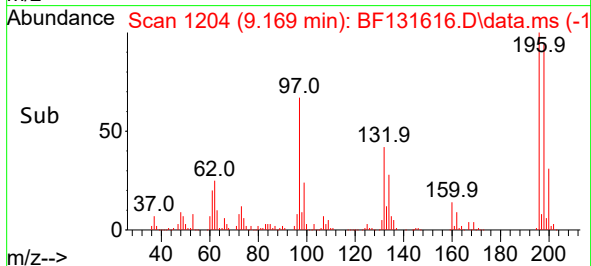
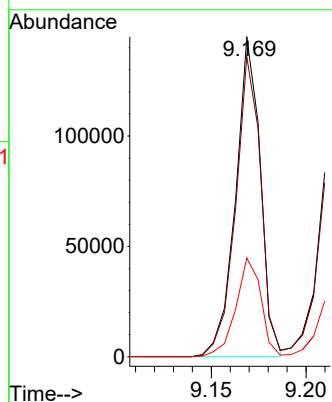
Tgt Ion:196 Resp: 131537

Ion Ratio Lower Upper

196 100

198 93.7 76.9 115.3

200 30.8 26.9 40.3



#44

2,4,5-Trichlorophenol

Concen: 51.166 ng

RT: 9.216 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

Tgt Ion:196 Resp: 144688

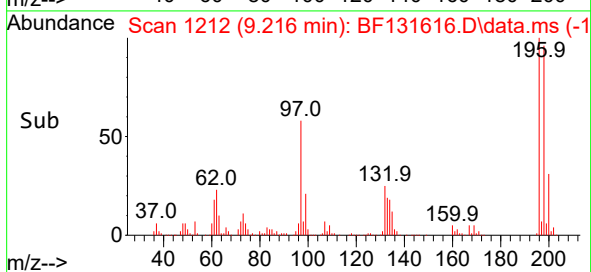
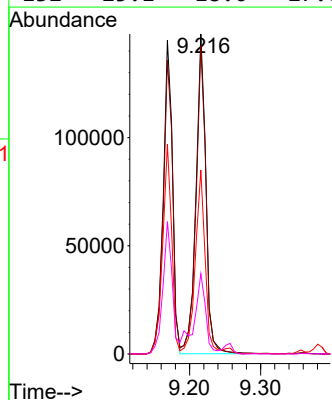
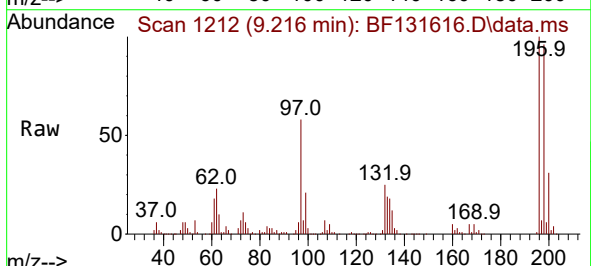
Ion Ratio Lower Upper

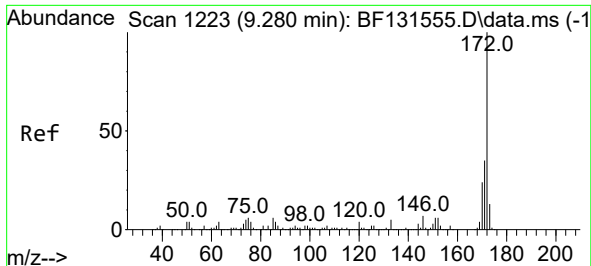
196 100

198 96.4 77.2 115.8

97 57.5 42.2 63.2

132 25.1 18.0 27.0





#45

2-Fluorobiphenyl

Concen: 88.174 ng

RT: 9.257 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-01MS

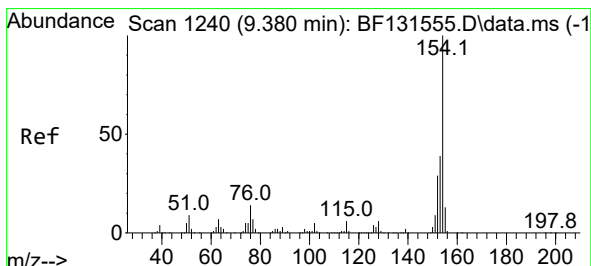
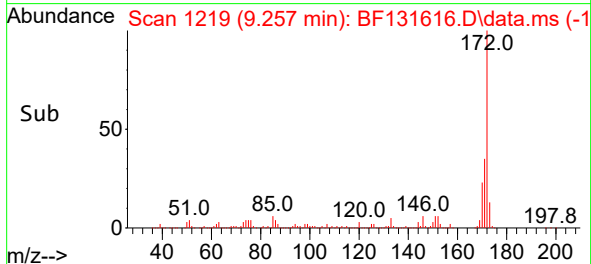
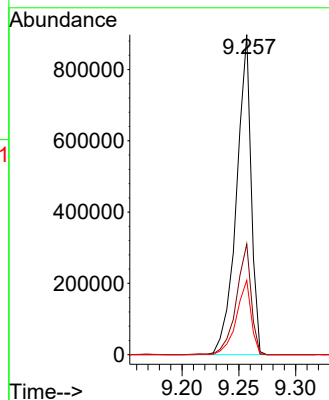
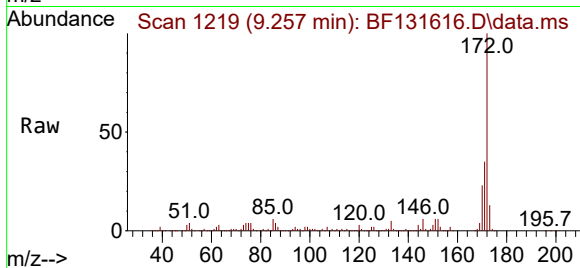
Tgt Ion:172 Resp: 803077

Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.2 19.3 28.9



#46

1,1'-Biphenyl

Concen: 50.176 ng

RT: 9.357 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

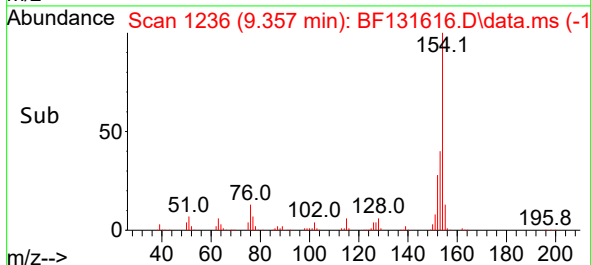
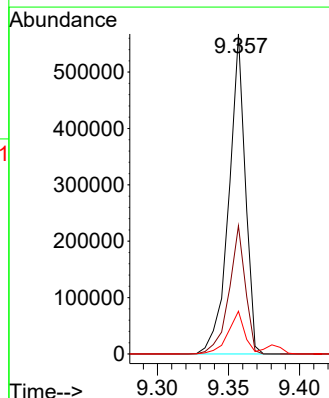
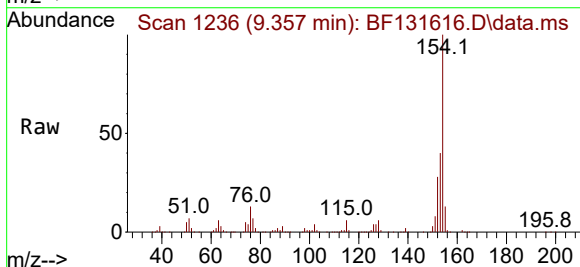
Tgt Ion:154 Resp: 455585

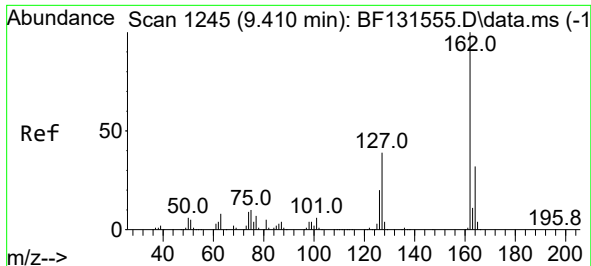
Ion Ratio Lower Upper

154 100

153 40.0 19.4 59.4

76 13.3 0.0 34.0





#47

2-Chloronaphthalene

Concen: 49.608 ng

RT: 9.380 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-01MS

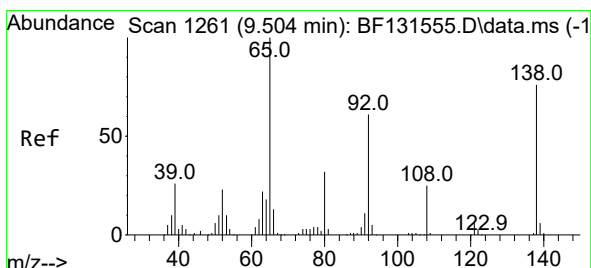
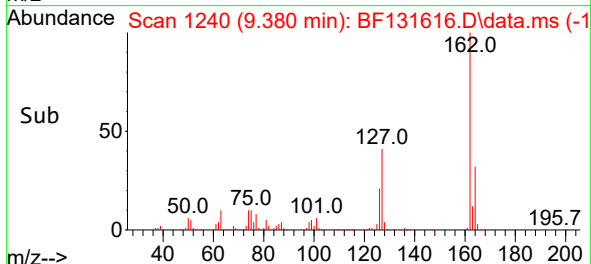
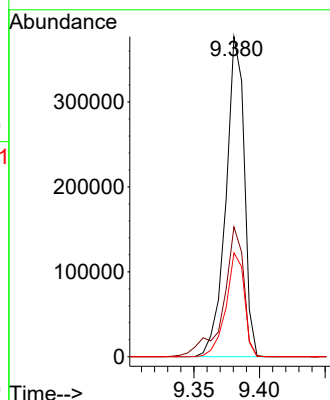
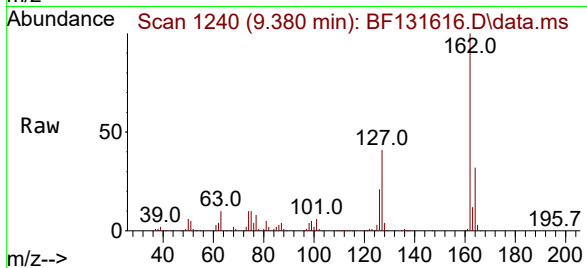
Tgt Ion:162 Resp: 366982

Ion Ratio Lower Upper

162 100

127 40.6 31.4 47.2

164 32.5 25.8 38.8



#48

2-Nitroaniline

Concen: 52.942 ng

RT: 9.486 min Scan# 1258

Delta R.T. 0.000 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

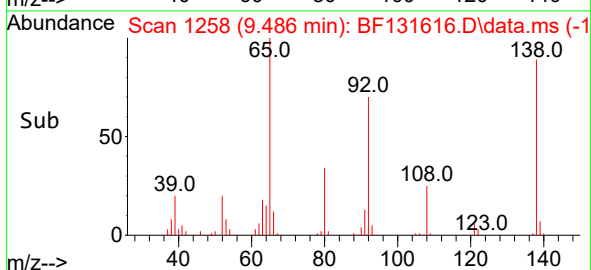
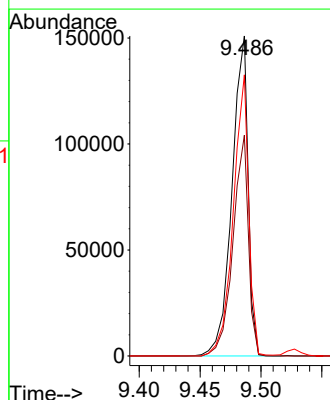
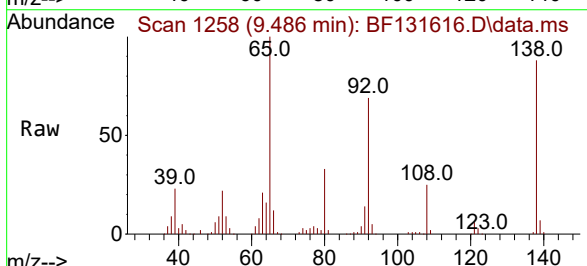
Tgt Ion: 65 Resp: 138737

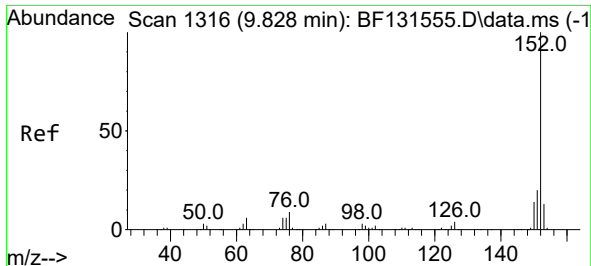
Ion Ratio Lower Upper

65 100

92 69.0 49.2 73.8

138 87.9 60.7 91.1





#49

Acenaphthylene

Concen: 51.583 ng

RT: 9.804 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131616.D

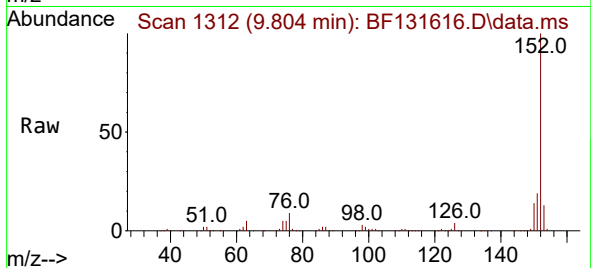
Acq: 13 Dec 2022 17:12

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-01MS



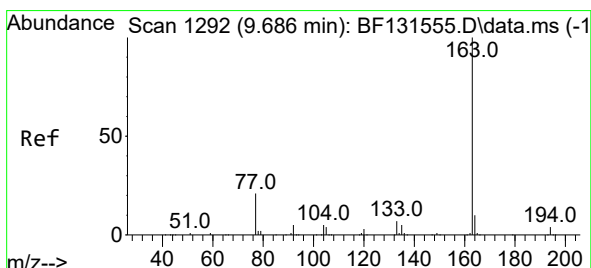
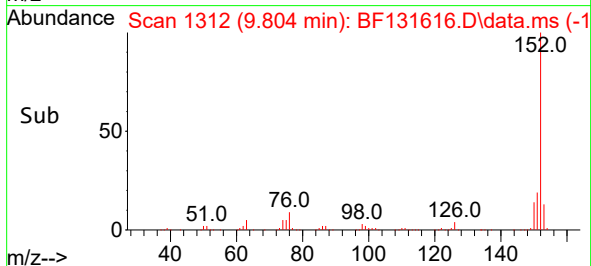
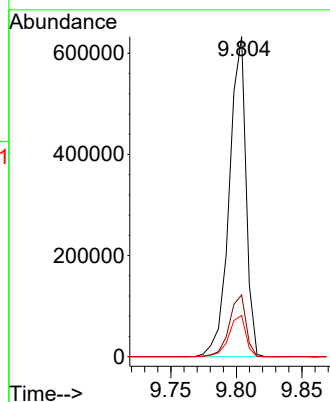
Tgt Ion:152 Resp: 560293

Ion Ratio Lower Upper

152 100

151 19.3 15.6 23.4

153 12.8 10.4 15.6



#50

Dimethylphthalate

Concen: 50.189 ng

RT: 9.663 min Scan# 1288

Delta R.T. 0.000 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

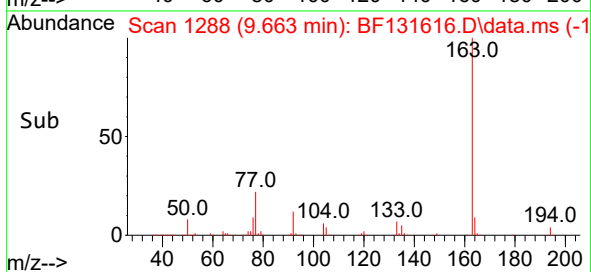
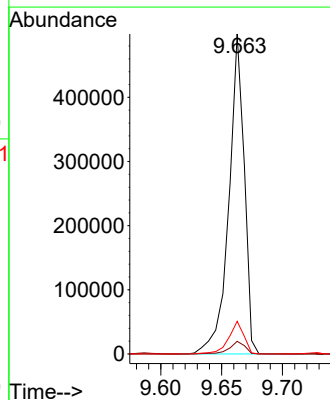
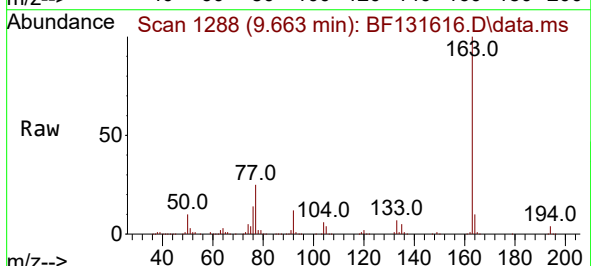
Tgt Ion:163 Resp: 439371

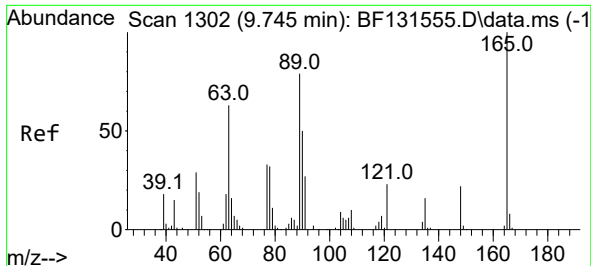
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.2 7.8 11.6

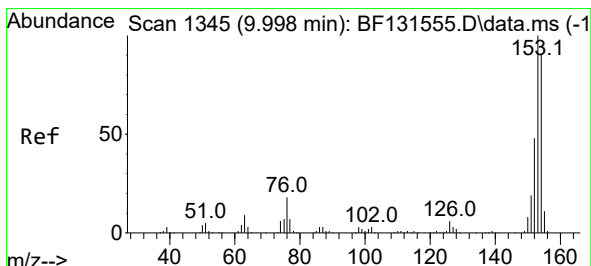
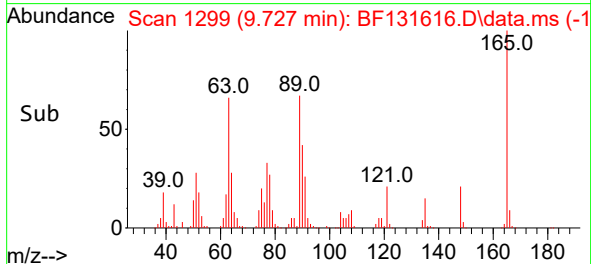
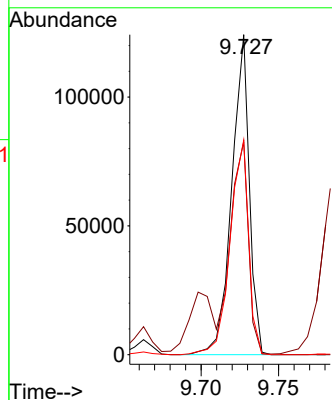
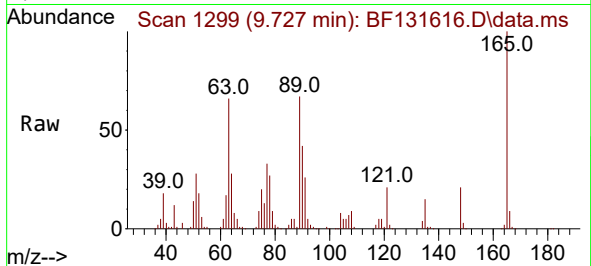




#51
2,6-Dinitrotoluene
Concen: 54.144 ng
RT: 9.727 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

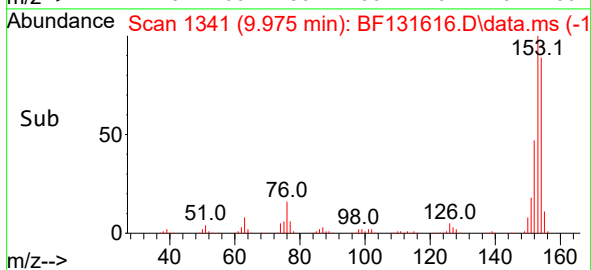
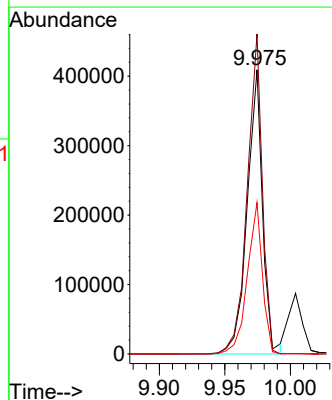
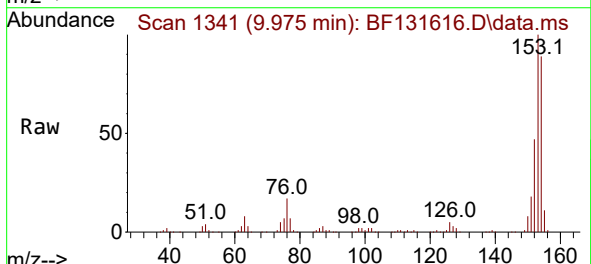
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS

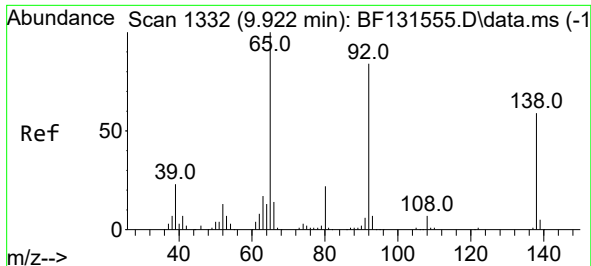
Tgt Ion:165 Resp: 97855
Ion Ratio Lower Upper
165 100
63 66.5 67.9 101.9#
89 67.1 63.2 94.8



#52
Acenaphthene
Concen: 46.004 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Tgt Ion:154 Resp: 334752
Ion Ratio Lower Upper
154 100
153 112.6 87.9 131.9
152 53.3 42.4 63.6

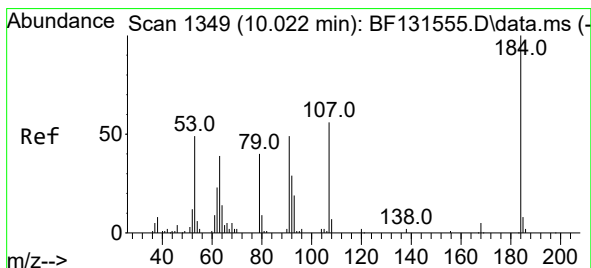
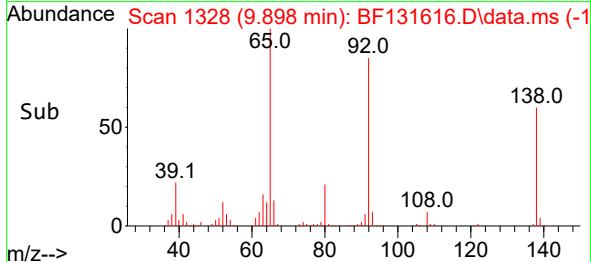
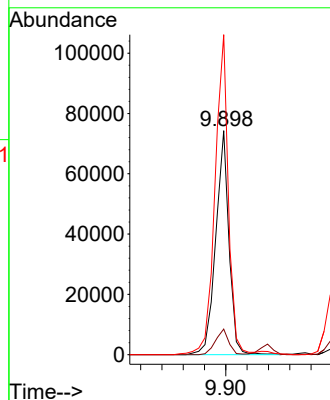
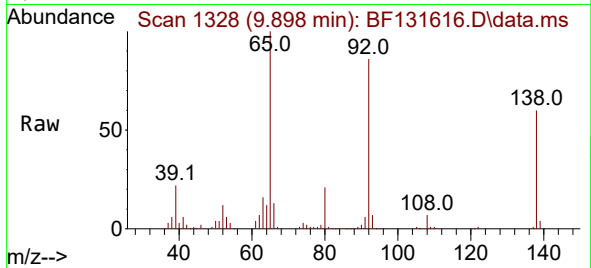




#53
3-Nitroaniline
Concen: 37.067 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

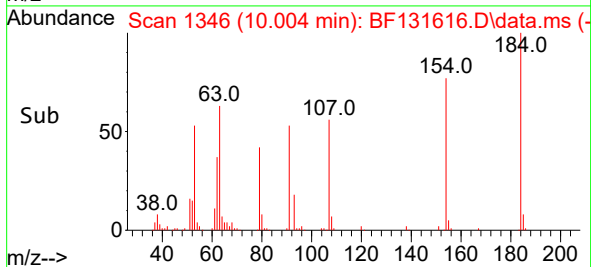
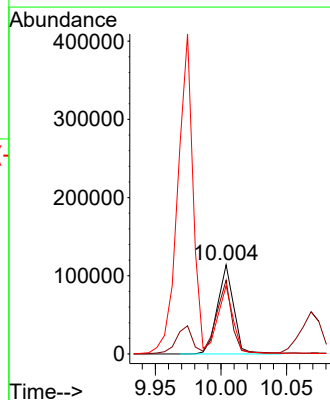
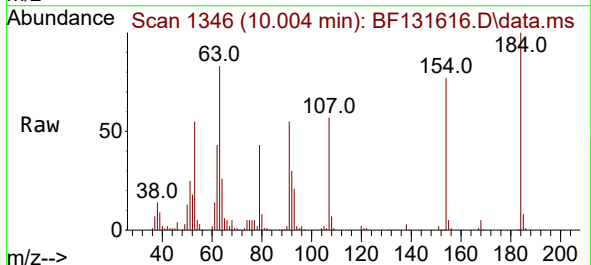
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS

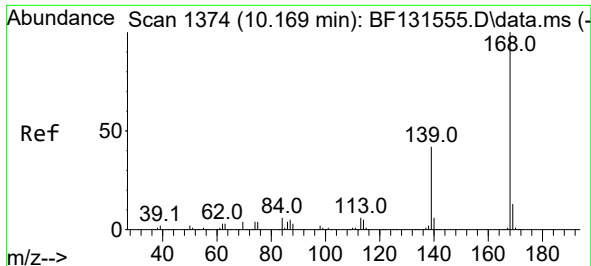
Tgt Ion:138 Resp: 64276
Ion Ratio Lower Upper
138 100
108 11.4 9.6 14.4
92 142.9 113.4 170.0



#54
2,4-Dinitrophenol
Concen: 94.256 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Tgt Ion:184 Resp: 98312
Ion Ratio Lower Upper
184 100
63 82.8 60.7 91.1
154 76.6 59.0 88.6

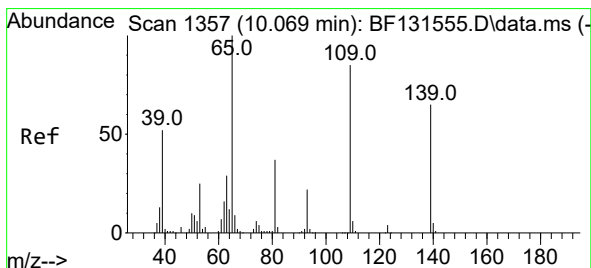
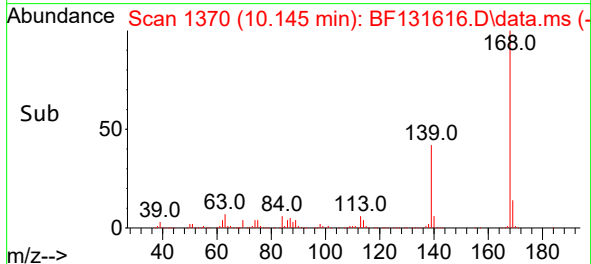
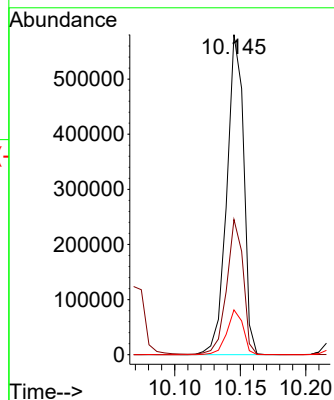
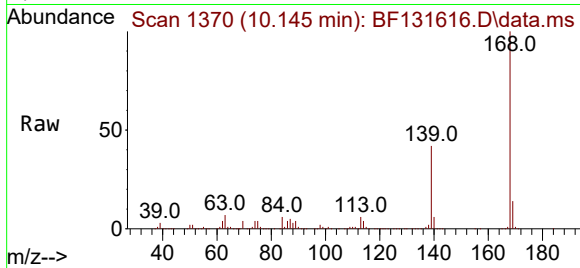




#55
Dibenzofuran
Concen: 50.561 ng
RT: 10.145 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

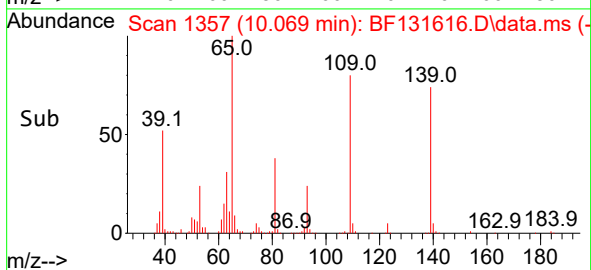
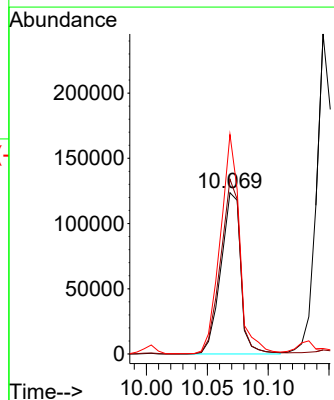
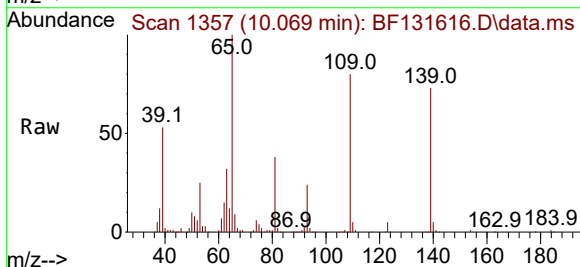
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS

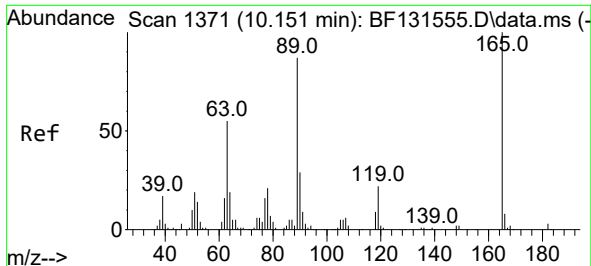
Tgt Ion:168 Resp: 519837
Ion Ratio Lower Upper
168 100
139 42.3 33.9 50.9
169 14.0 10.7 16.1



#56
4-Nitrophenol
Concen: 116.401 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.006 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Tgt Ion:139 Resp: 140219
Ion Ratio Lower Upper
139 100
109 108.4 110.2 150.2#
65 136.2 133.3 173.3

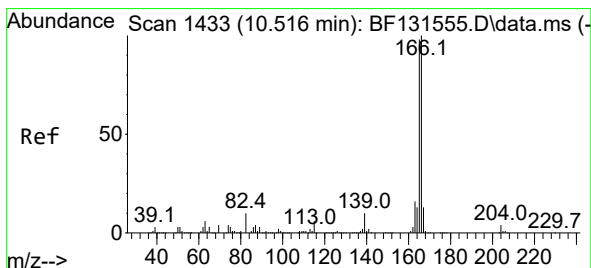
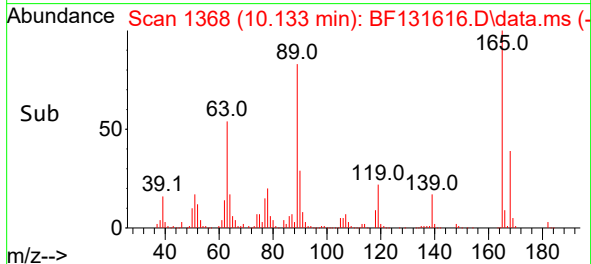
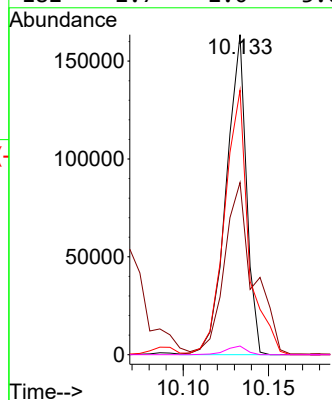
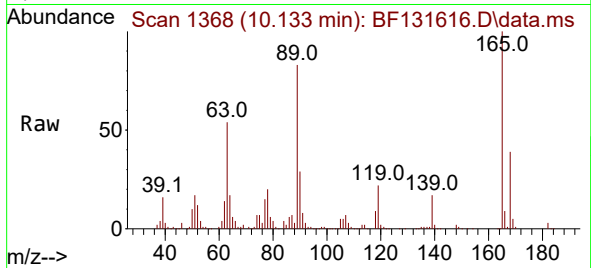




#57
2,4-Dinitrotoluene
Concen: 56.312 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

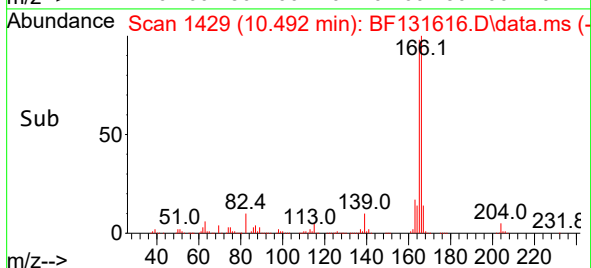
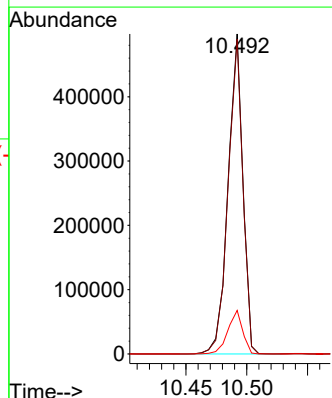
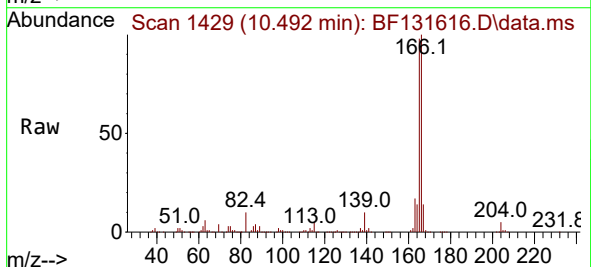
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS

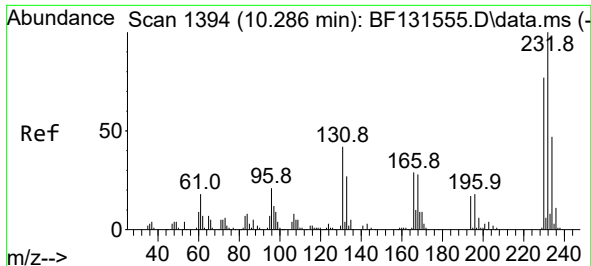
Tgt Ion:165 Resp: 135005
Ion Ratio Lower Upper
165 100
63 53.8 44.4 66.6
89 82.7 69.6 104.4
182 2.7 2.0 3.0



#58
Fluorene
Concen: 50.167 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Tgt Ion:166 Resp: 419316
Ion Ratio Lower Upper
166 100
165 98.3 78.4 117.6
167 13.6 10.7 16.1

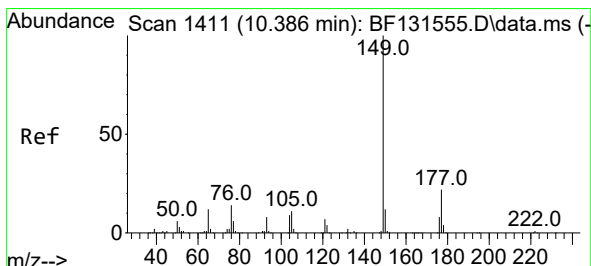
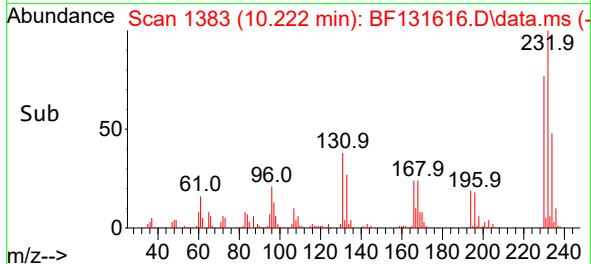
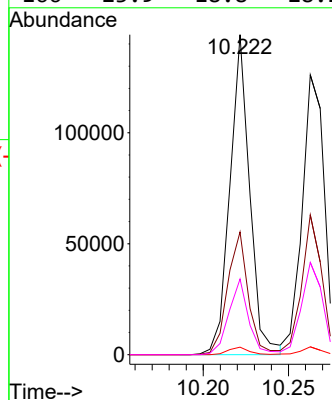
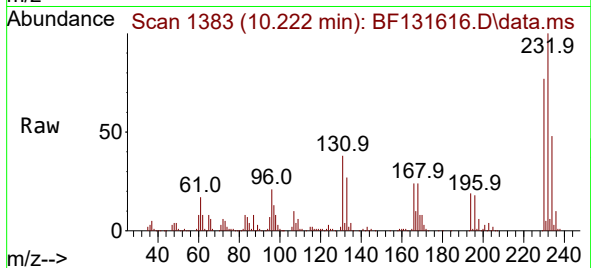




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.760 ng
RT: 10.222 min Scan# 11
Delta R.T. -0.041 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

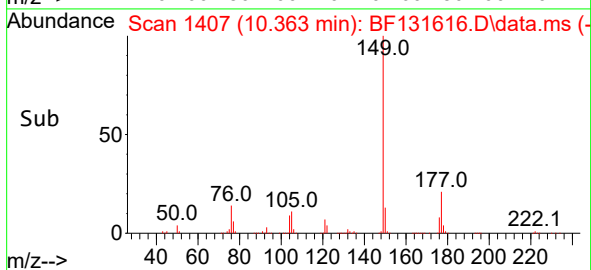
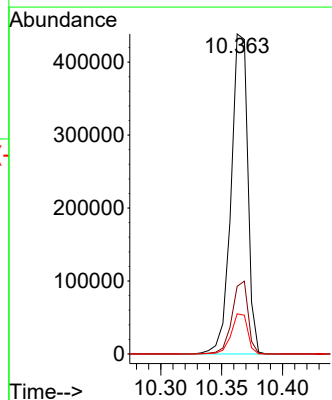
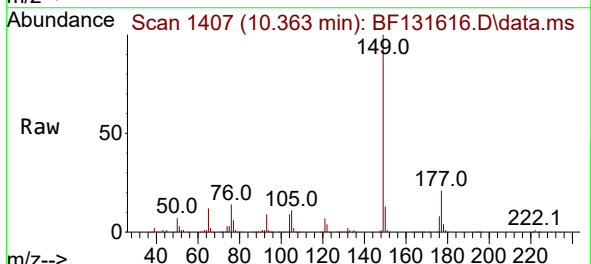
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS

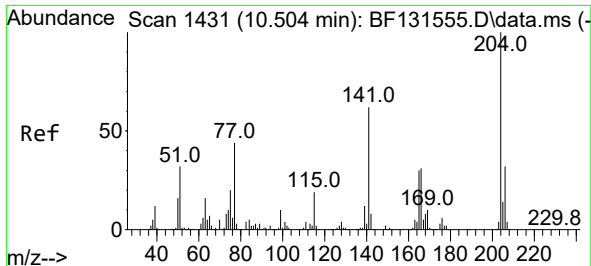
Tgt Ion:232 Resp: 116760
Ion Ratio Lower Upper
232 100
131 40.2 31.0 46.6
130 2.4 1.8 2.8
166 23.9 18.8 28.2



#60
Diethylphthalate
Concen: 49.763 ng
RT: 10.363 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Tgt Ion:149 Resp: 418061
Ion Ratio Lower Upper
149 100
177 21.2 17.4 26.2
150 12.6 9.7 14.5

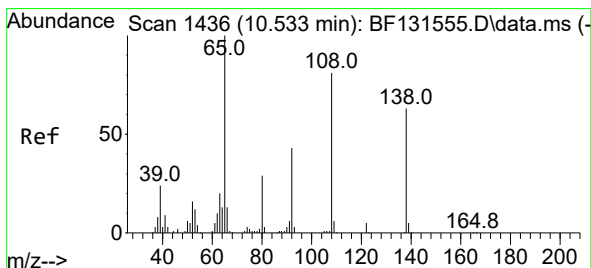
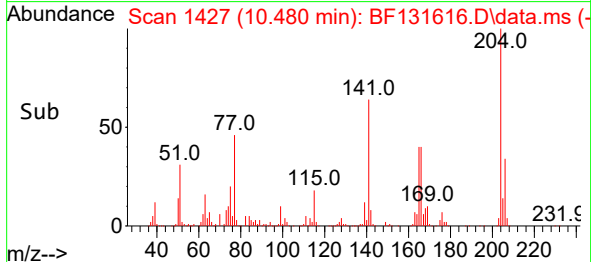
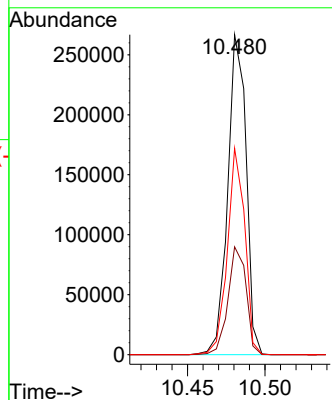
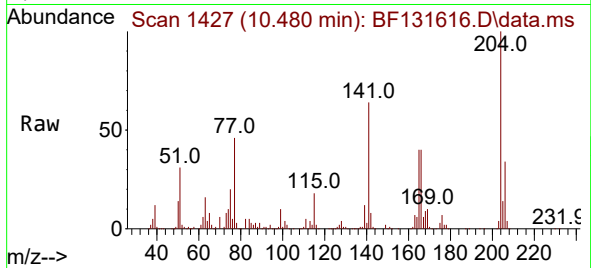




#61
4-Chlorophenyl-phenylether
Concen: 47.747 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

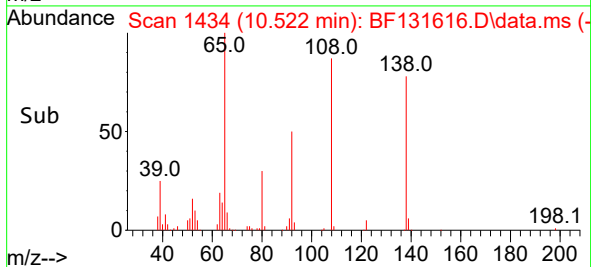
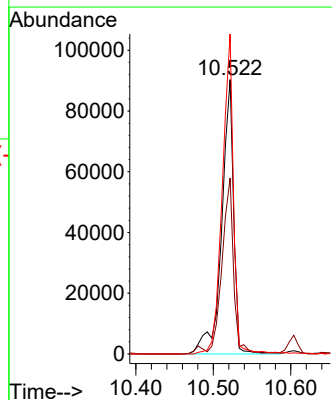
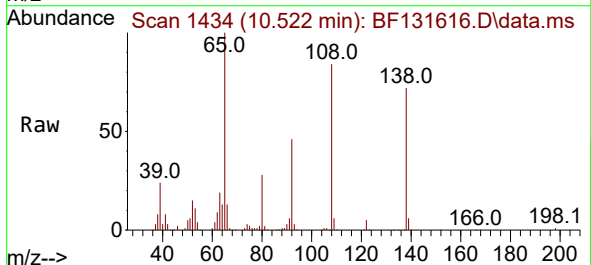
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS

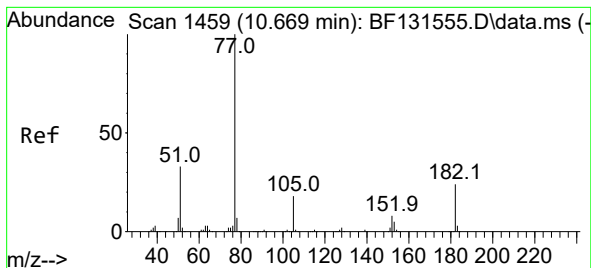
Tgt Ion:204 Resp: 220546
Ion Ratio Lower Upper
204 100
206 33.7 25.4 38.2
141 64.5 49.5 74.3



#62
4-Nitroaniline
Concen: 56.525 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.006 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Tgt Ion:138 Resp: 97129
Ion Ratio Lower Upper
138 100
92 64.1 47.5 87.5
108 116.6 108.8 148.8





#63

Azobenzene

Concen: 48.106 ng

RT: 10.645 min Scan# 1455

Delta R.T. 0.000 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-01MS

Tgt Ion: 77 Resp: 460944

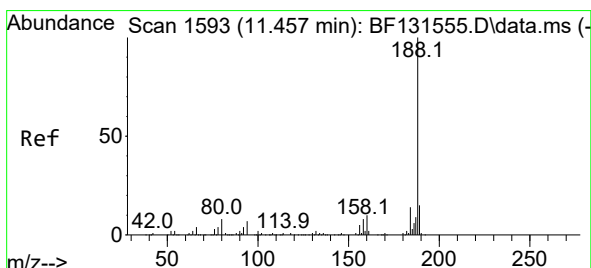
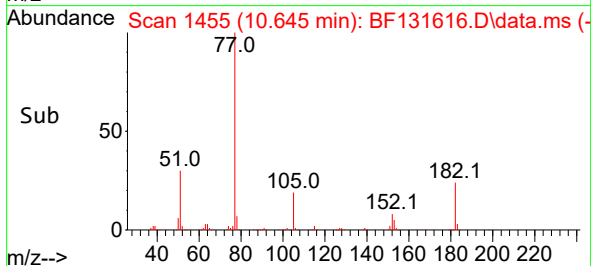
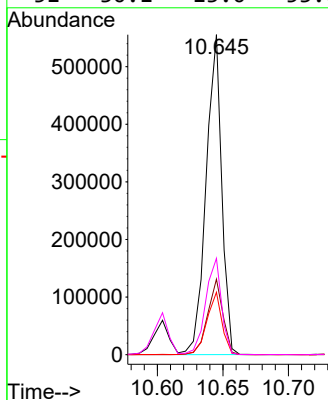
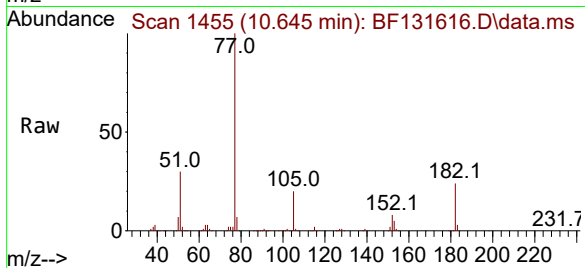
Ion Ratio Lower Upper

77 100

182 23.6 3.9 43.9

105 19.5 0.0 38.3

51 30.1 13.0 53.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

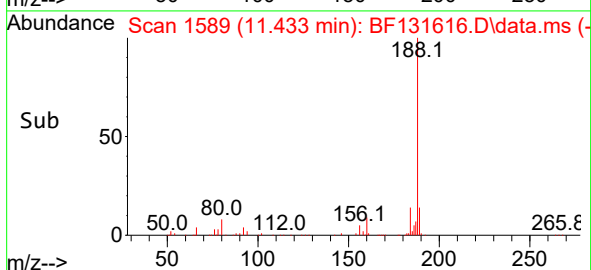
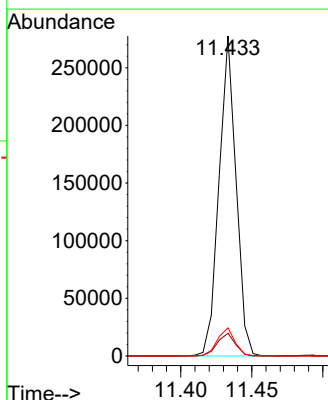
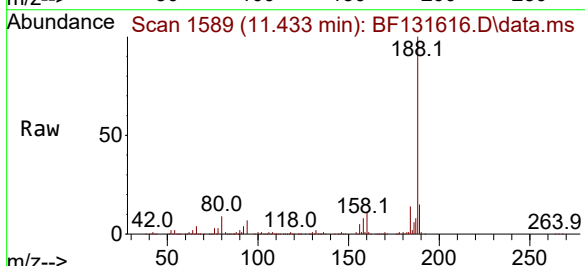
Tgt Ion: 188 Resp: 231084

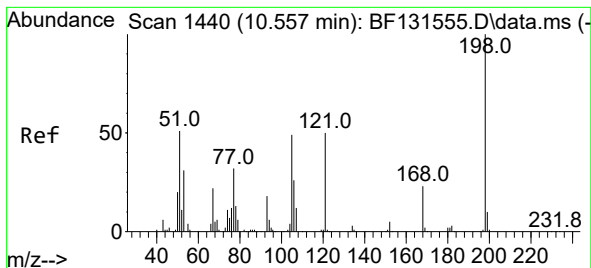
Ion Ratio Lower Upper

188 100

94 7.1 5.5 8.3

80 8.8 6.6 10.0

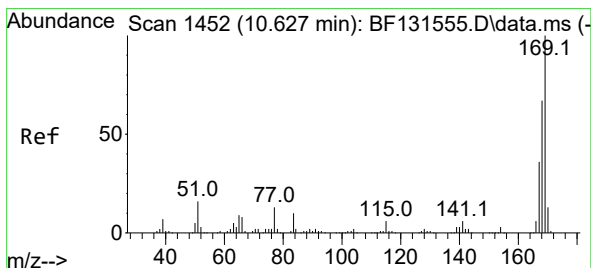
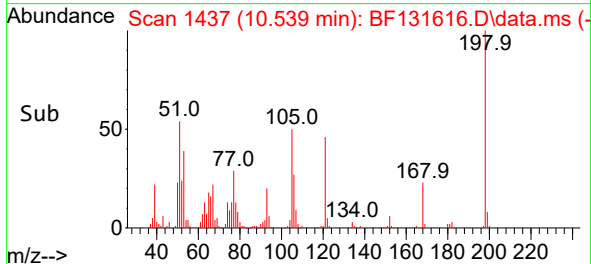
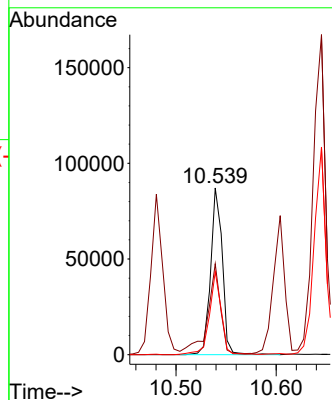
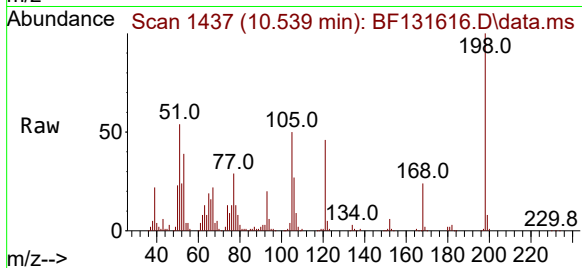




#65
4,6-Dinitro-2-methylphenol
Concen: 48.547 ng
RT: 10.539 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

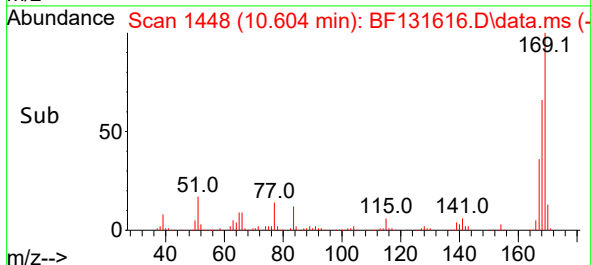
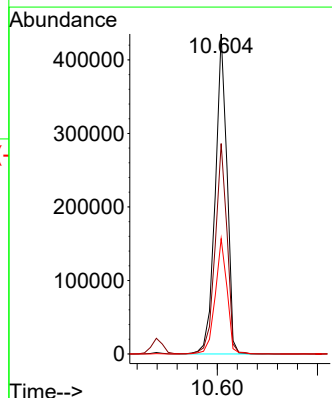
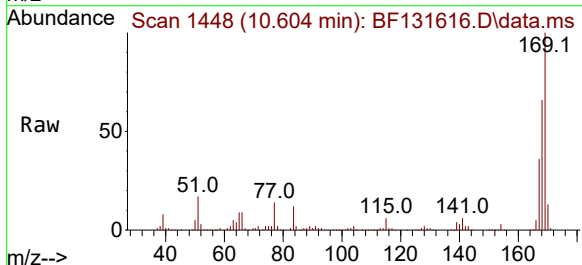
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS

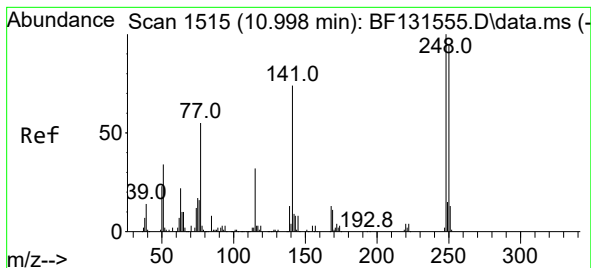
Tgt Ion:198 Resp: 71054
Ion Ratio Lower Upper
198 100
51 54.5 36.7 76.7
105 49.8 29.9 69.9



#66
n-Nitrosodiphenylamine
Concen: 47.114 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Tgt Ion:169 Resp: 351974
Ion Ratio Lower Upper
169 100
168 65.7 53.8 80.6
167 36.0 29.1 43.7

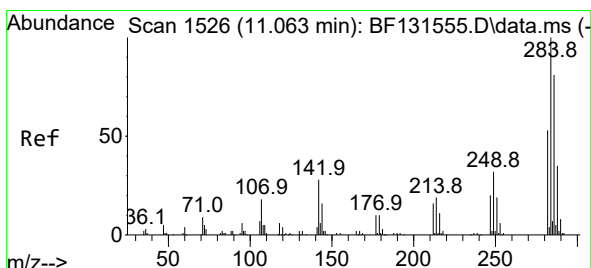
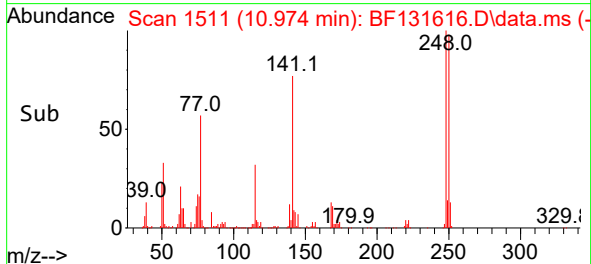
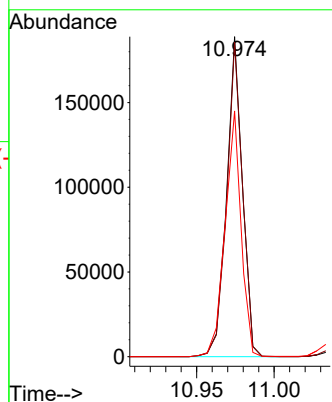
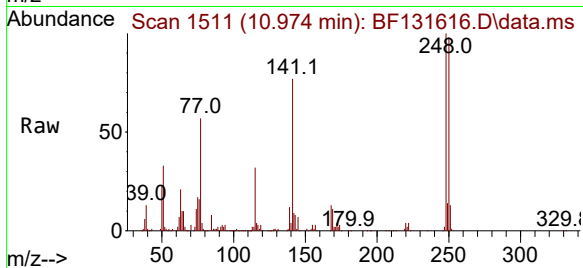




#67
4-Bromophenyl-phenylether
Concen: 45.186 ng
RT: 10.974 min Scan# 1511
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

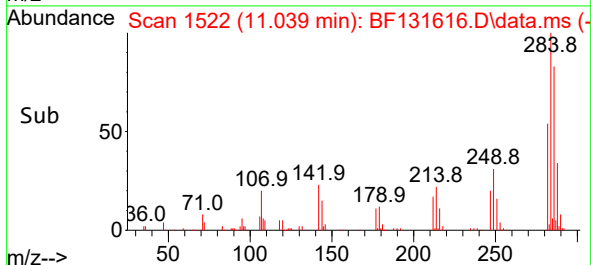
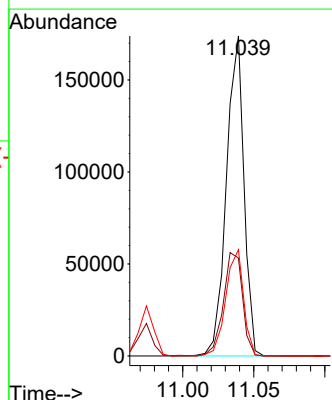
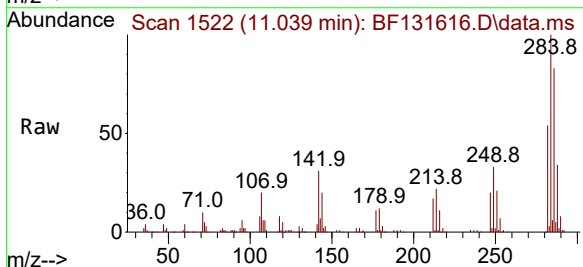
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS

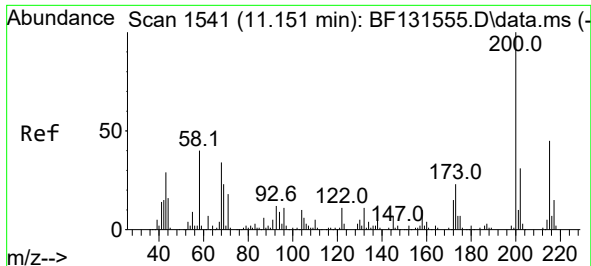
Tgt Ion:248 Resp: 134325
Ion Ratio Lower Upper
248 100
250 98.3 76.2 114.2
141 76.8 59.5 89.3



#68
Hexachlorobenzene
Concen: 46.513 ng
RT: 11.039 min Scan# 1522
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Tgt Ion:284 Resp: 149563
Ion Ratio Lower Upper
284 100
142 30.6 22.3 33.5
249 33.2 25.4 38.2

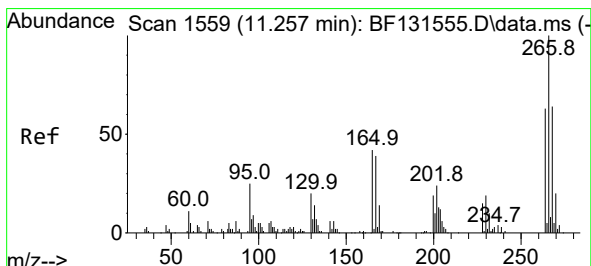
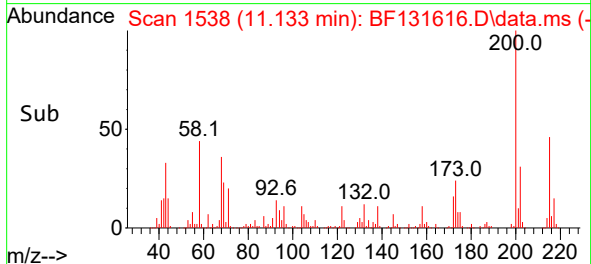
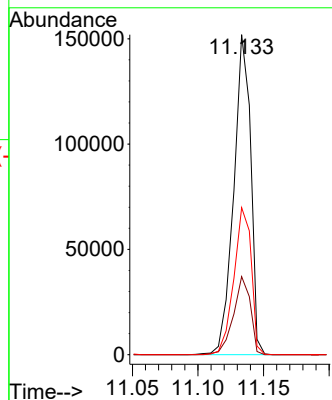
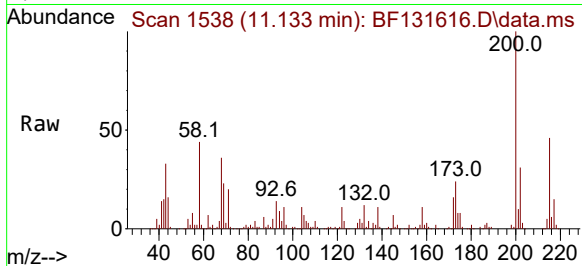




#69
 Atrazine
 Concen: 57.648 ng
 RT: 11.133 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF131616.D
 Acq: 13 Dec 2022 17:12

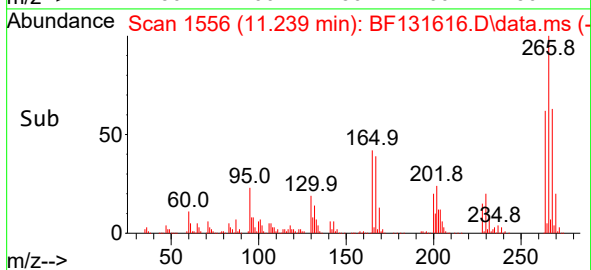
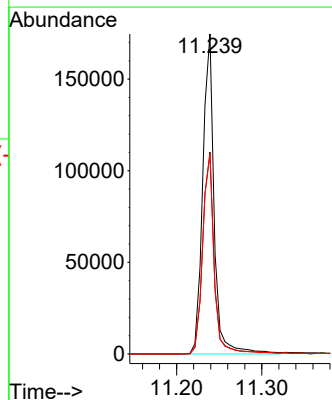
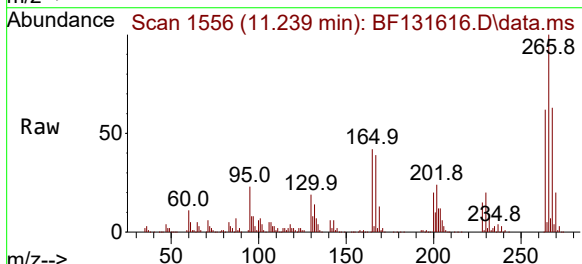
Instrument :
 BNA_F
 ClientSampleId :
 SU-518-COMP-01MS

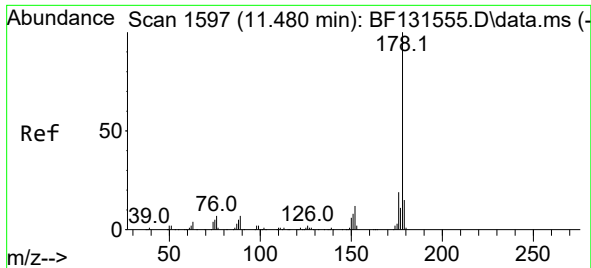
Tgt Ion:200 Resp: 136763
 Ion Ratio Lower Upper
 200 100
 173 24.4 3.4 43.4
 215 46.0 25.0 65.0



#70
 Pentachlorophenol
 Concen: 98.238 ng
 RT: 11.239 min Scan# 1556
 Delta R.T. 0.006 min
 Lab File: BF131616.D
 Acq: 13 Dec 2022 17:12

Tgt Ion:266 Resp: 162620
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.5 77.3
 264 62.3 50.7 76.1

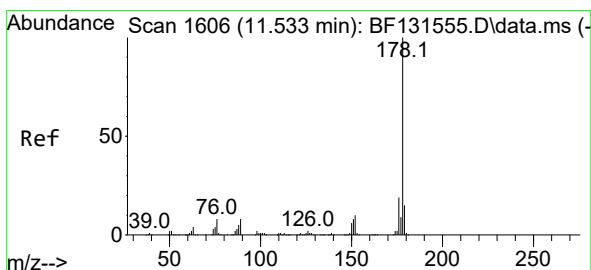
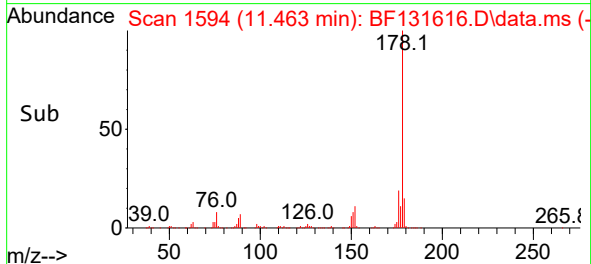
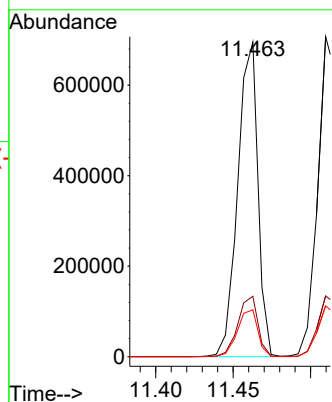
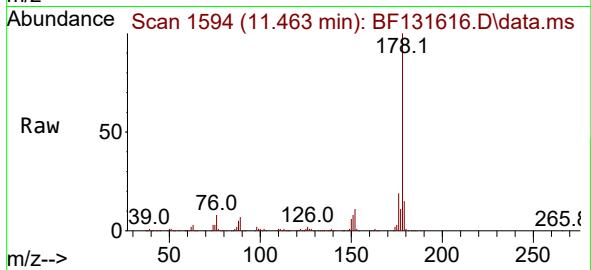




#71
Phenanthrene
Concen: 48.862 ng
RT: 11.463 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

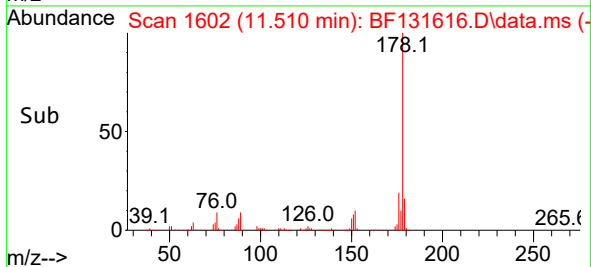
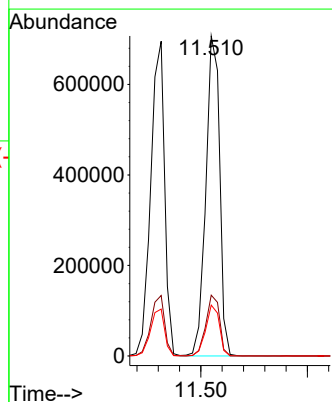
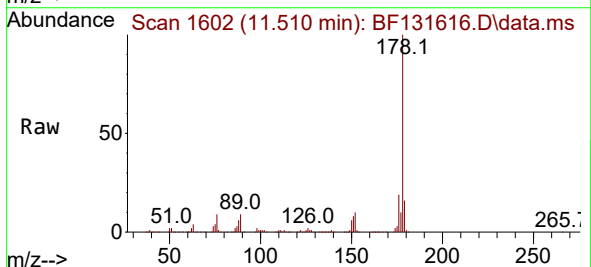
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS

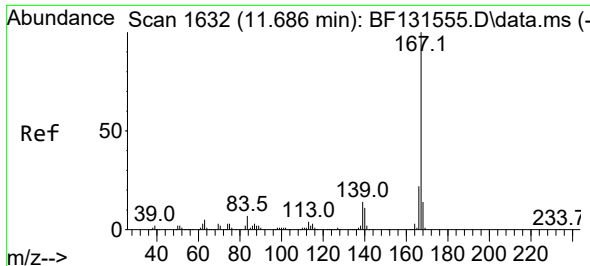
Tgt Ion:178 Resp: 629362
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 14.9 12.2 18.4



#72
Anthracene
Concen: 51.073 ng
RT: 11.510 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Tgt Ion:178 Resp: 640021
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.9 12.3 18.5

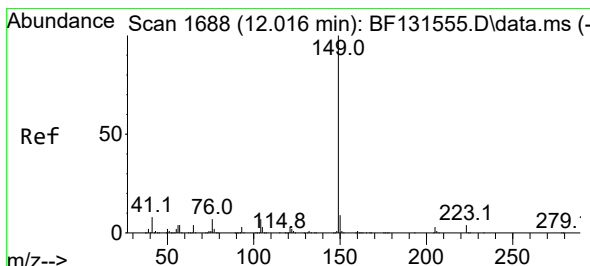
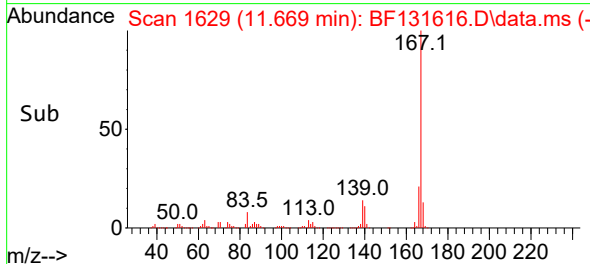
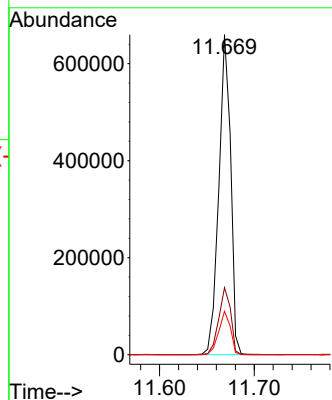
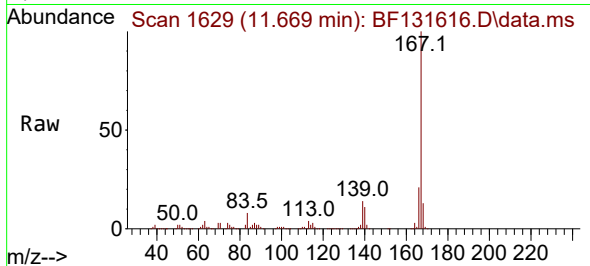




#73
 Carbazole
 Concen: 55.769 ng
 RT: 11.669 min Scan# 1629
 Delta R.T. 0.000 min
 Lab File: BF131616.D
 Acq: 13 Dec 2022 17:12

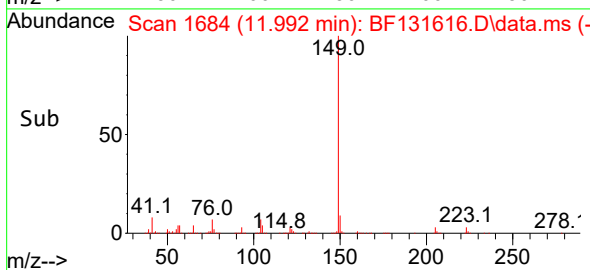
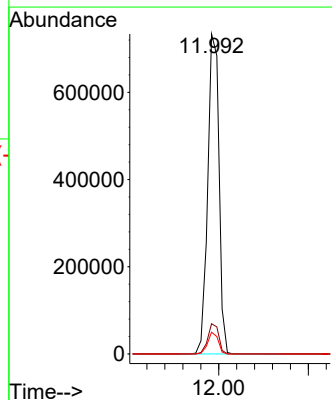
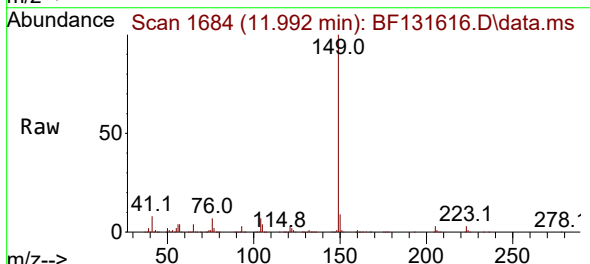
Instrument :
 BNA_F
 ClientSampleId :
 SU-518-COMP-01MS

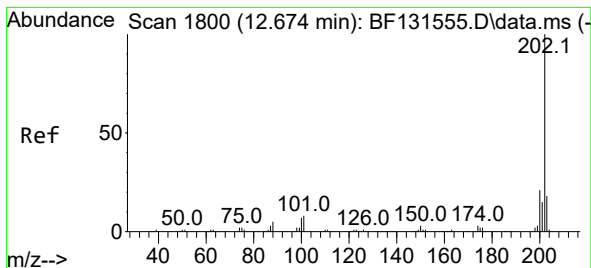
Tgt Ion:167 Resp: 570447
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.4 26.0
 139 13.6 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 51.037 ng
 RT: 11.992 min Scan# 1684
 Delta R.T. -0.006 min
 Lab File: BF131616.D
 Acq: 13 Dec 2022 17:12

Tgt Ion:149 Resp: 640449
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.2 10.8
 104 6.8 5.2 7.8





#75

Fluoranthene

Concen: 54.463 ng

RT: 12.651 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-01MS

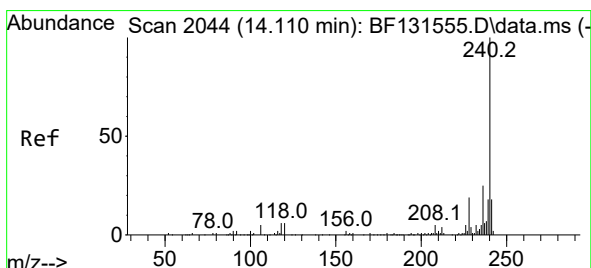
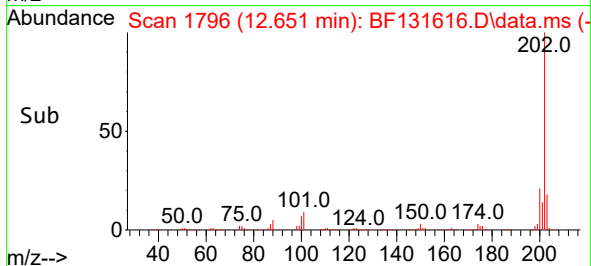
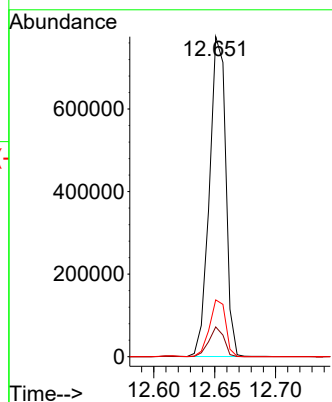
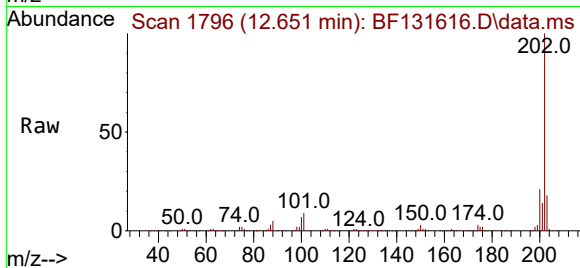
Tgt Ion:202 Resp: 722365

Ion Ratio Lower Upper

202 100

101 9.3 0.0 27.7

203 17.7 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 2040

Delta R.T. 0.000 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

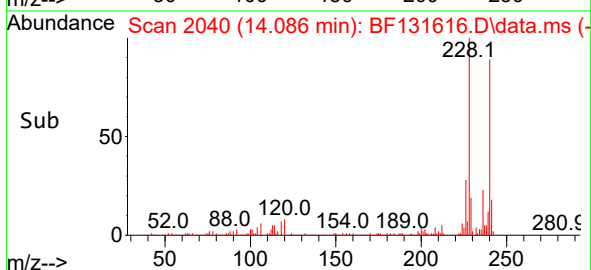
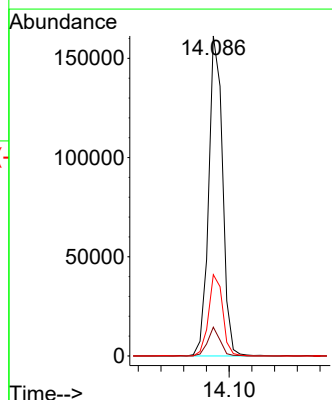
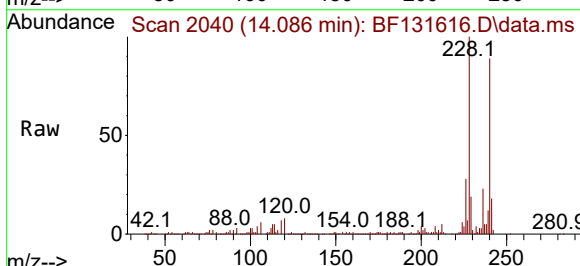
Tgt Ion:240 Resp: 136575

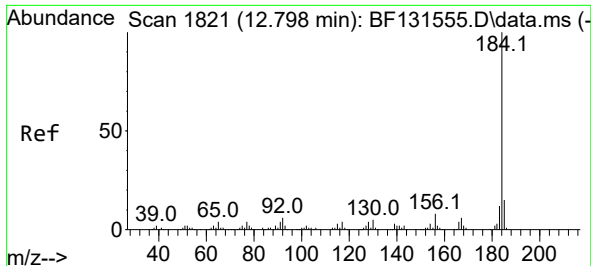
Ion Ratio Lower Upper

240 100

120 9.0 4.6 7.0#

236 25.4 20.2 30.2

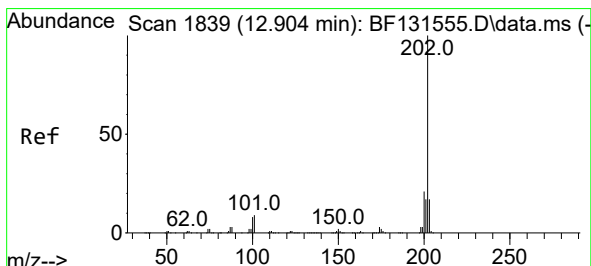
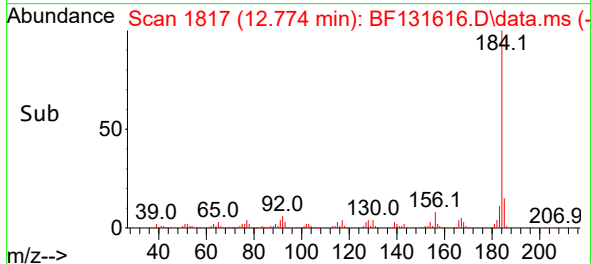
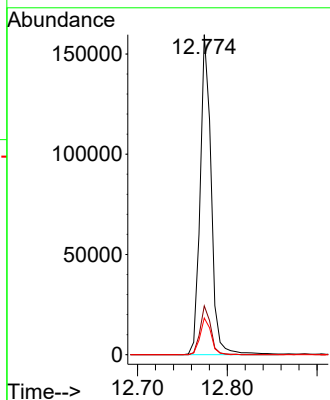
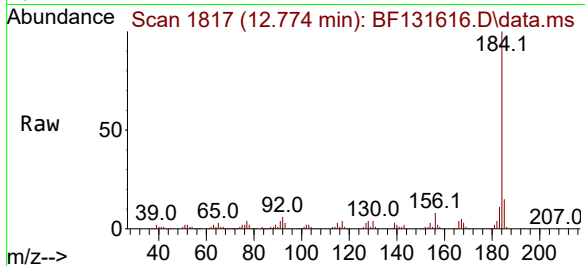




#77
Benzidine
Concen: 37.229 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

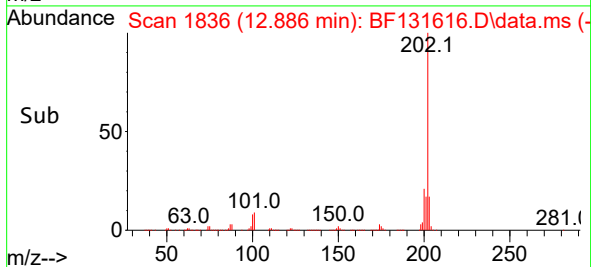
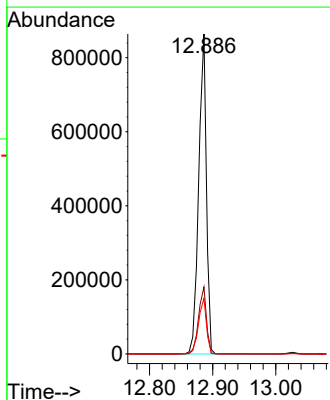
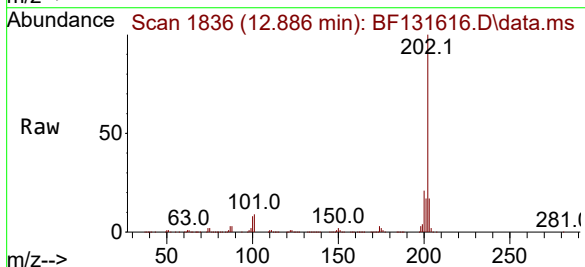
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS

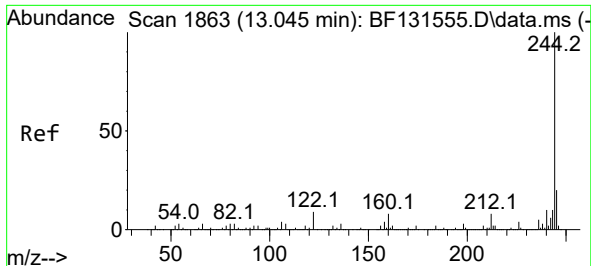
Tgt Ion:184 Resp: 136236
Ion Ratio Lower Upper
184 100
185 15.2 12.2 18.2
183 11.5 9.3 13.9



#78
Pyrene
Concen: 54.067 ng
RT: 12.886 min Scan# 1836
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Tgt Ion:202 Resp: 728125
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.3 13.8 20.6

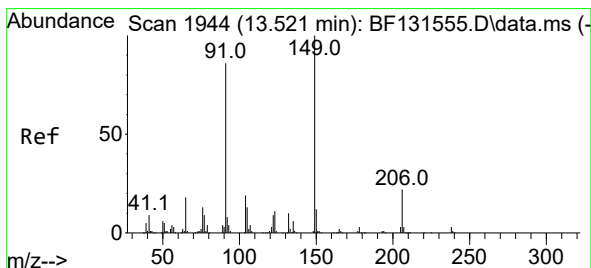
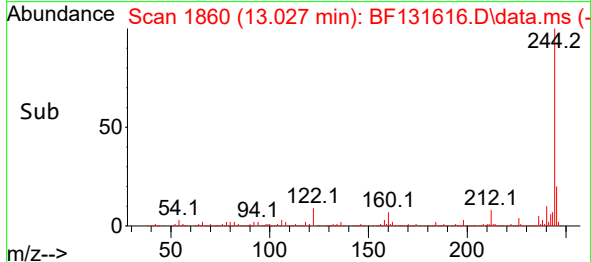
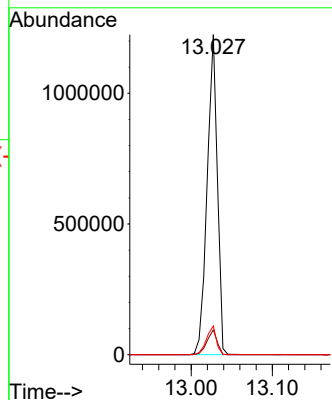
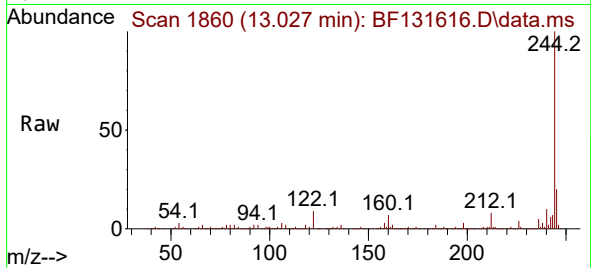




#79
 Terphenyl-d14
 Concen: 106.648 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. 0.000 min
 Lab File: BF131616.D
 Acq: 13 Dec 2022 17:12

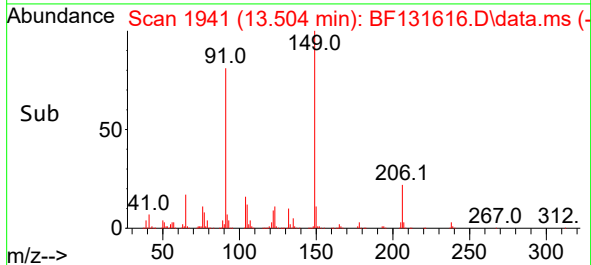
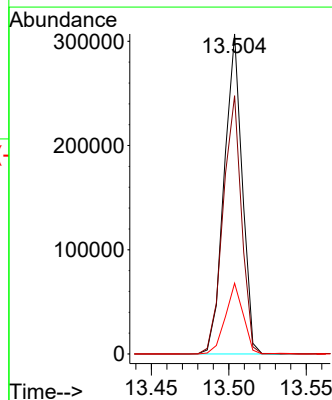
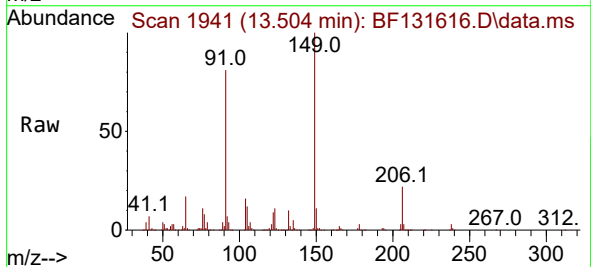
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 ClientSampleId :
 SU-518-COMP-01MS

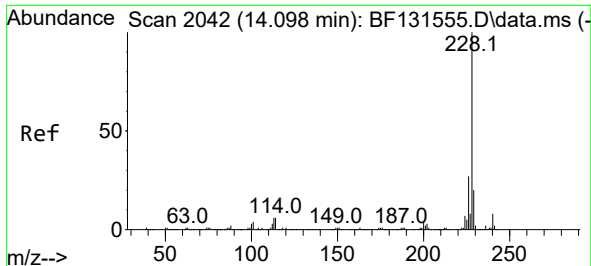
Tgt Ion:244 Resp: 1062088
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 8.9 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 63.637 ng
 RT: 13.504 min Scan# 1941
 Delta R.T. 0.000 min
 Lab File: BF131616.D
 Acq: 13 Dec 2022 17:12

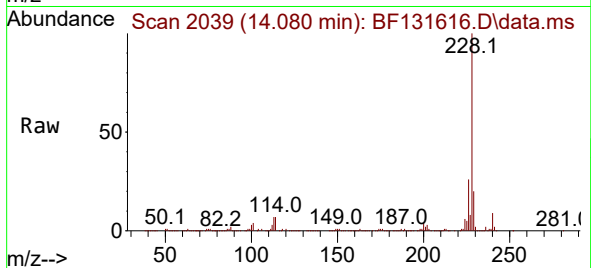
Tgt Ion:149 Resp: 248012
 Ion Ratio Lower Upper
 149 100
 91 80.7 69.0 103.4
 206 22.1 17.8 26.8



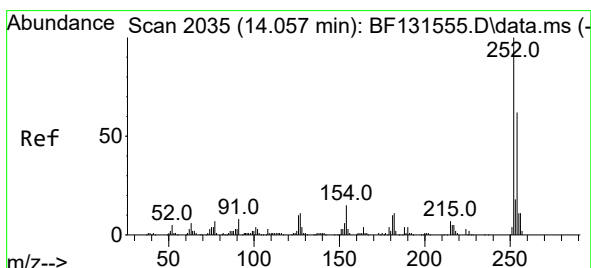
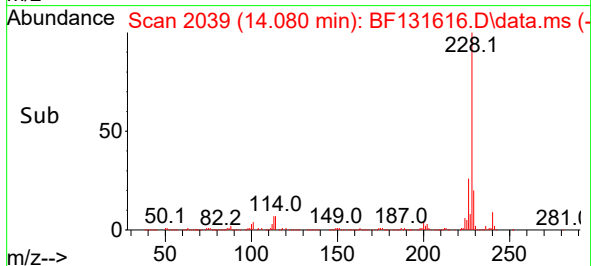
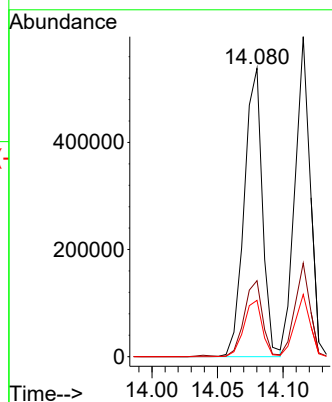


#81
Benzo(a)anthracene
Concen: 52.732 ng
RT: 14.080 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS

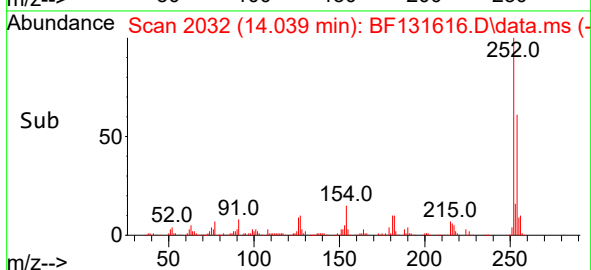
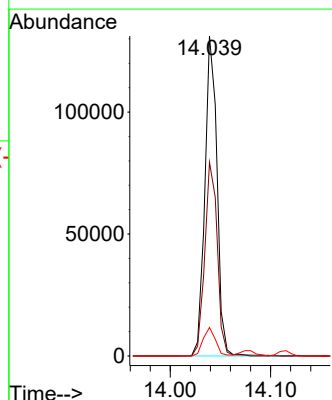
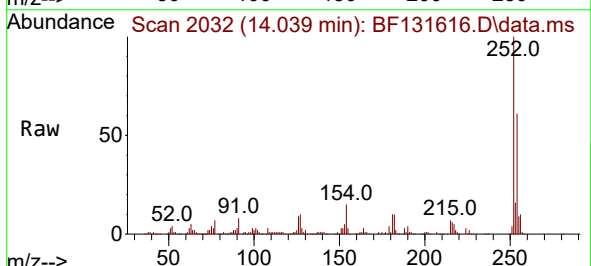


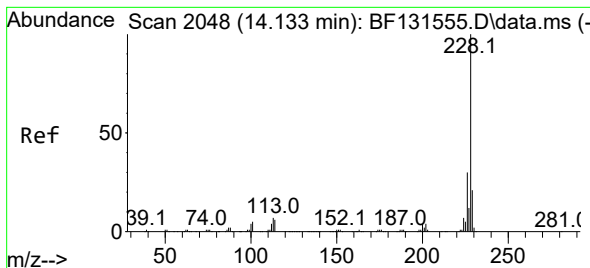
Tgt Ion:228 Resp: 520095
Ion Ratio Lower Upper
228 100
226 26.4 21.5 32.3
229 19.5 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 39.523 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Tgt Ion:252 Resp: 110906
Ion Ratio Lower Upper
252 100
254 60.6 49.6 74.4
126 8.9 7.9 11.9





#83

Chrysene

Concen: 51.391 ng

RT: 14.115 min Scan# 2045

Delta R.T. 0.000 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-01MS

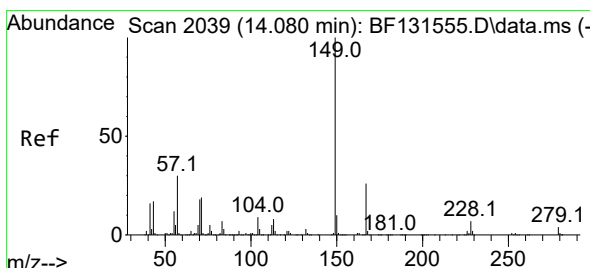
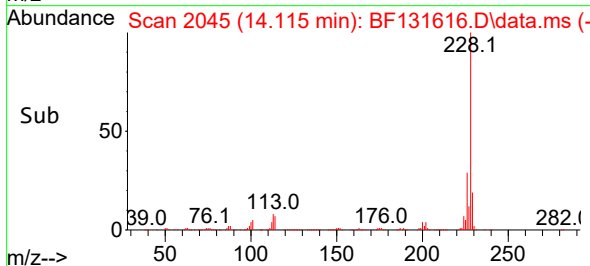
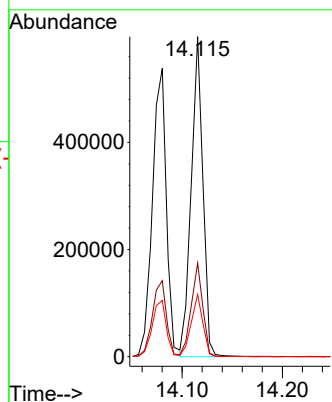
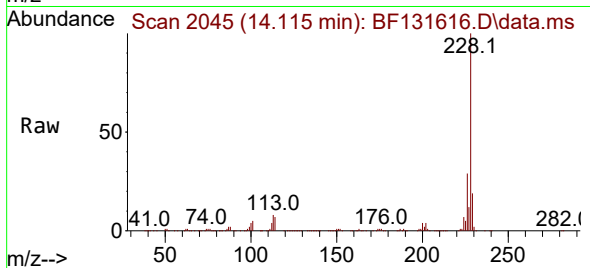
Tgt Ion:228 Resp: 481877

Ion Ratio Lower Upper

228 100

226 29.3 23.9 35.9

229 19.5 16.7 25.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.532 ng

RT: 14.063 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

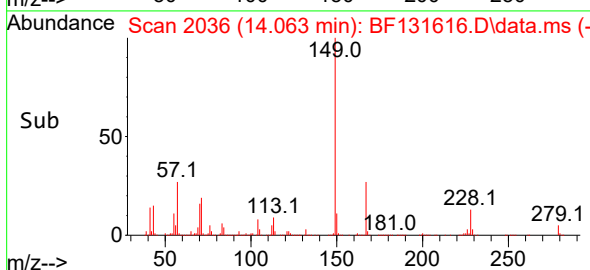
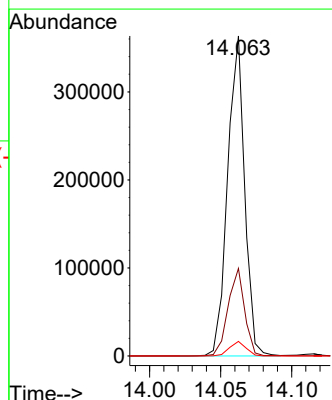
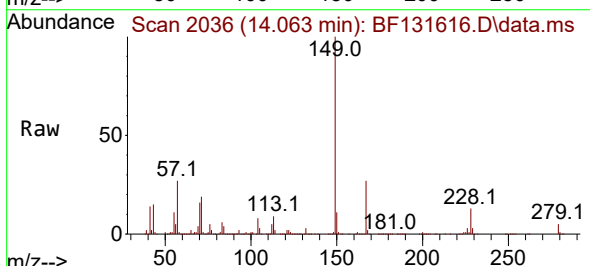
Tgt Ion:149 Resp: 303203

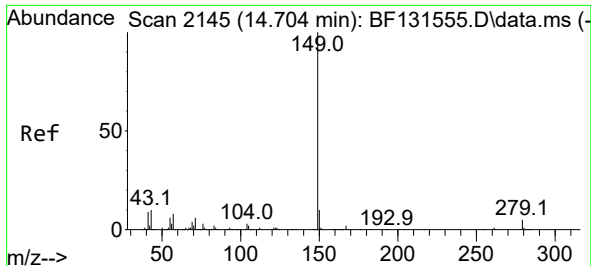
Ion Ratio Lower Upper

149 100

167 27.4 20.8 31.2

279 4.6 3.3 4.9

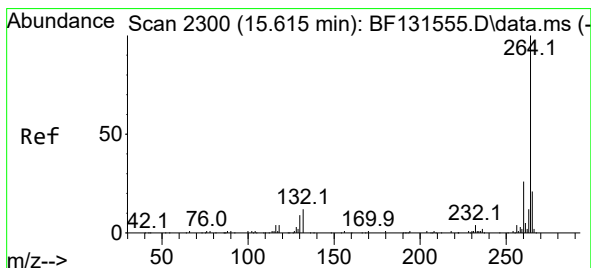
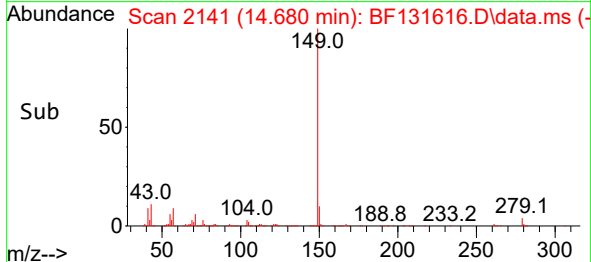
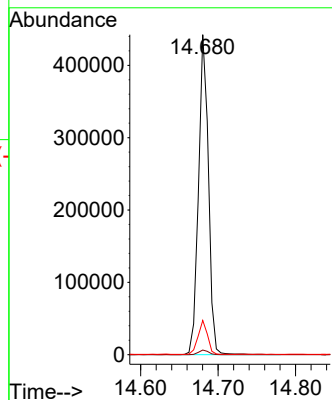
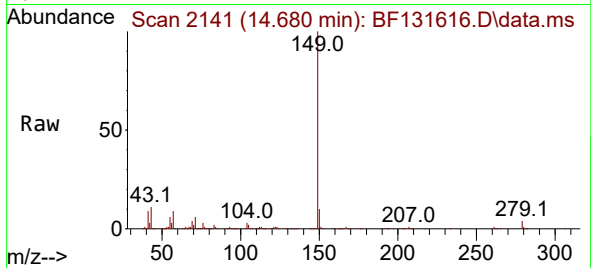




#85
Di-n-octyl phthalate
Concen: 45.499 ng
RT: 14.680 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

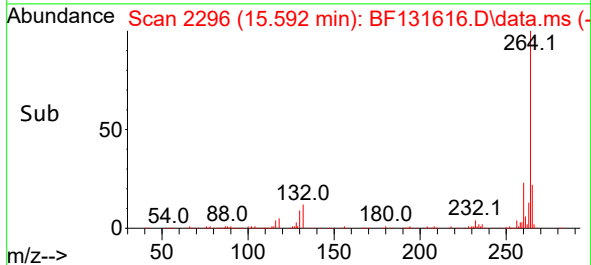
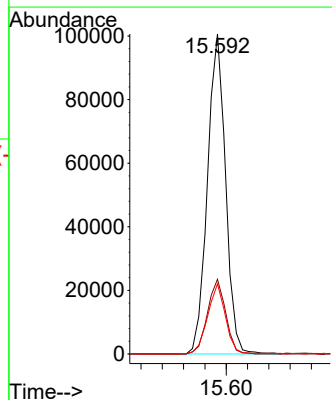
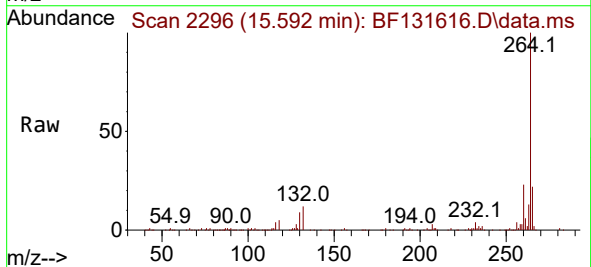
Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS

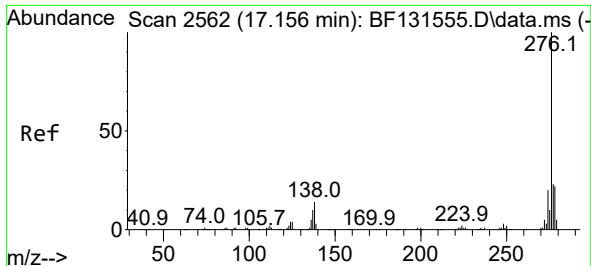
Tgt Ion:149 Resp: 393179
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 10.1 8.6 13.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Tgt Ion:264 Resp: 119065
Ion Ratio Lower Upper
264 100
260 23.3 20.6 30.8
265 21.9 16.8 25.2

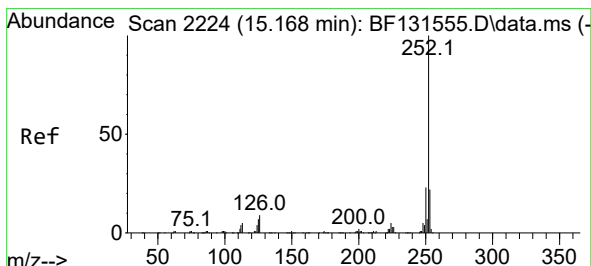
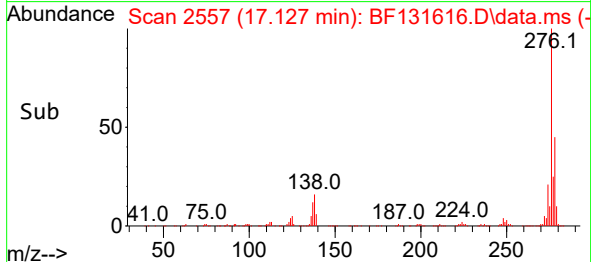
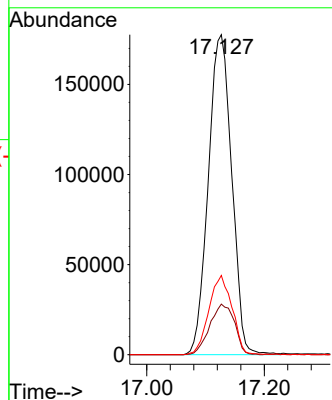
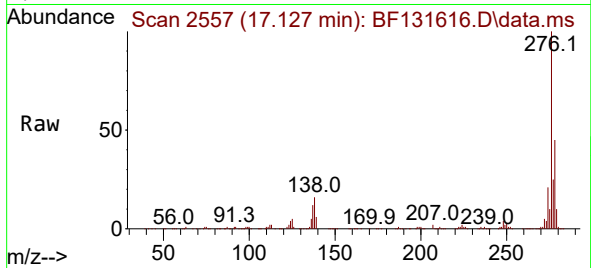




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.596 ng
 RT: 17.127 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF131616.D
 Acq: 13 Dec 2022 17:12

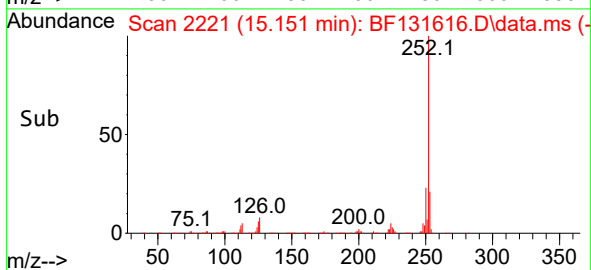
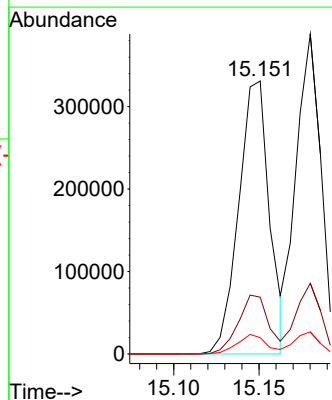
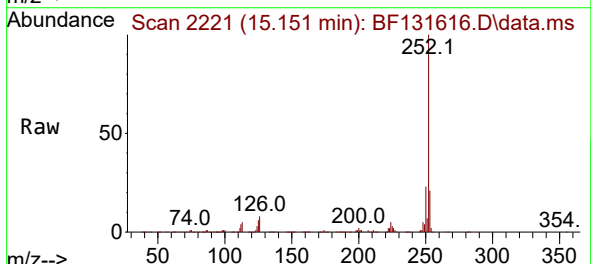
Instrument :
 BNA_F
 ClientSampleId :
 SU-518-COMP-01MS

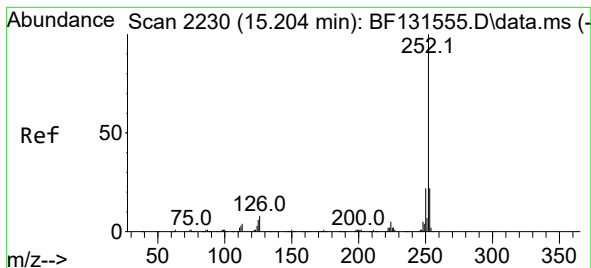
Tgt Ion:276 Resp: 491641
 Ion Ratio Lower Upper
 276 100
 138 16.7 12.7 19.1
 277 24.6 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 53.037 ng
 RT: 15.151 min Scan# 2221
 Delta R.T. 0.000 min
 Lab File: BF131616.D
 Acq: 13 Dec 2022 17:12

Tgt Ion:252 Resp: 416199
 Ion Ratio Lower Upper
 252 100
 253 20.8 17.7 26.5
 125 6.0 5.6 8.4





#89

Benzo(k)fluoranthene

Concen: 48.868 ng

RT: 15.180 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

Instrument :

BNA_F

ClientSampleId :

SU-518-COMP-01MS

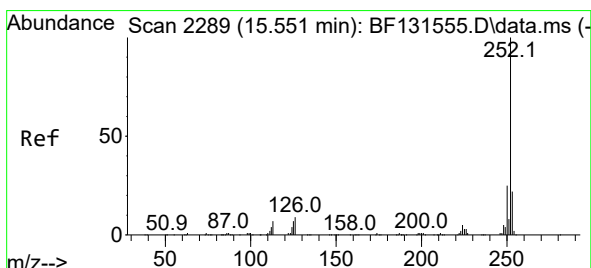
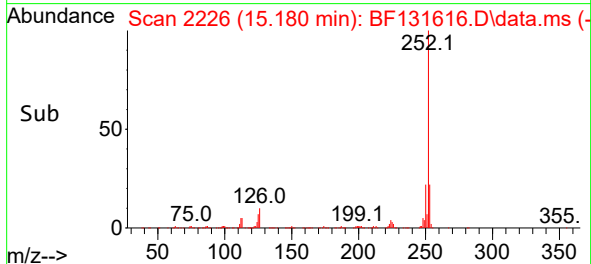
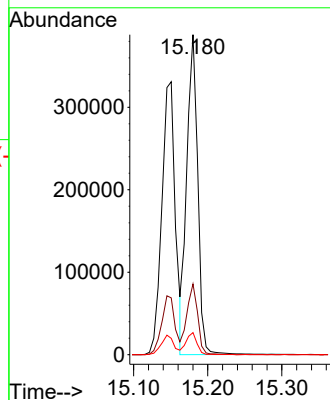
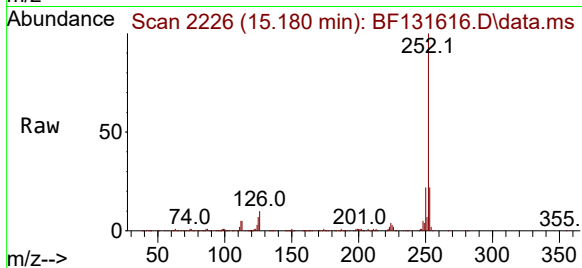
Tgt Ion:252 Resp: 400271

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 6.9 4.9 7.3



#90

Benzo(a)pyrene

Concen: 53.403 ng

RT: 15.527 min Scan# 2285

Delta R.T. 0.000 min

Lab File: BF131616.D

Acq: 13 Dec 2022 17:12

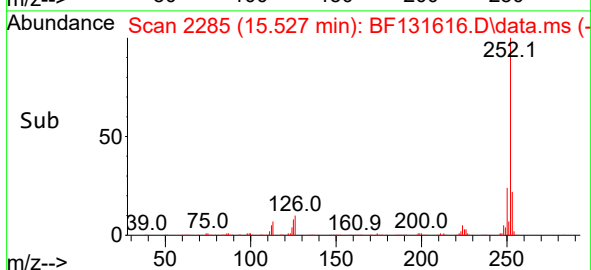
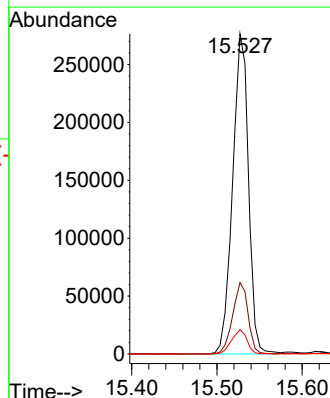
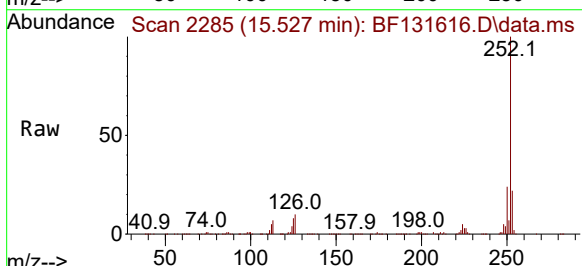
Tgt Ion:252 Resp: 357640

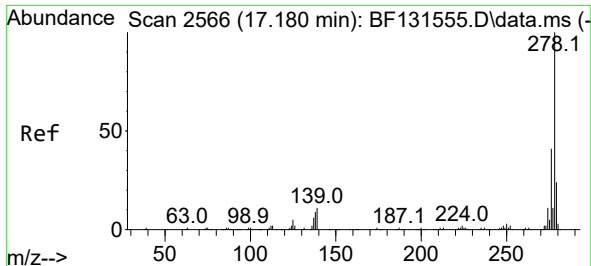
Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 7.6 5.6 8.4

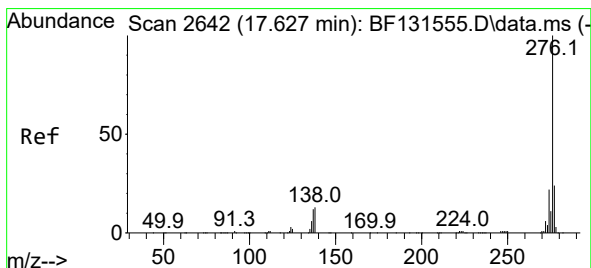
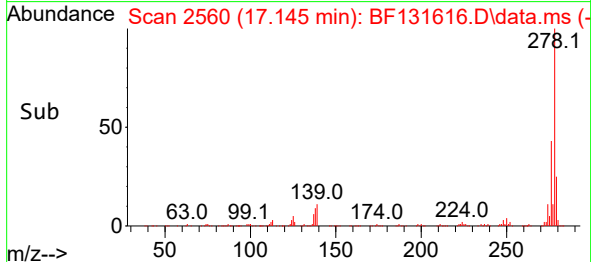
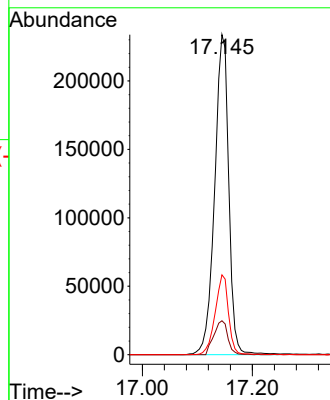
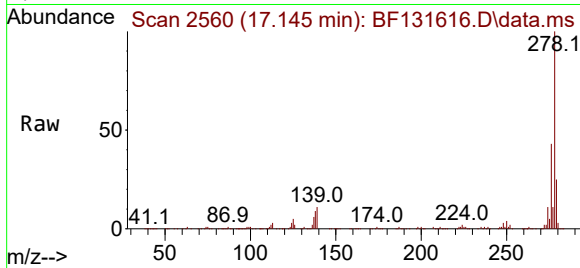




#91
Dibenzo(a,h)anthracene
Concen: 52.153 ng
RT: 17.145 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Instrument :
BNA_F
ClientSampleId :
SU-518-COMP-01MS

Tgt Ion:278 Resp: 417077
Ion Ratio Lower Upper
278 100
139 10.6 8.9 13.3
279 25.0 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 52.474 ng
RT: 17.592 min Scan# 2636
Delta R.T. 0.000 min
Lab File: BF131616.D
Acq: 13 Dec 2022 17:12

Tgt Ion:276 Resp: 421755
Ion Ratio Lower Upper
276 100
277 23.2 19.0 28.6
138 13.2 10.7 16.1

