

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113022\
 Data File : BF131470.D
 Acq On : 30 Nov 2022 14:29
 Operator : CG\JU
 Sample : N5784-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 220-1-CONCRETE

Quant Time: Dec 01 01:12:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 01 01:09:58 2022
 Response via : Initial Calibration

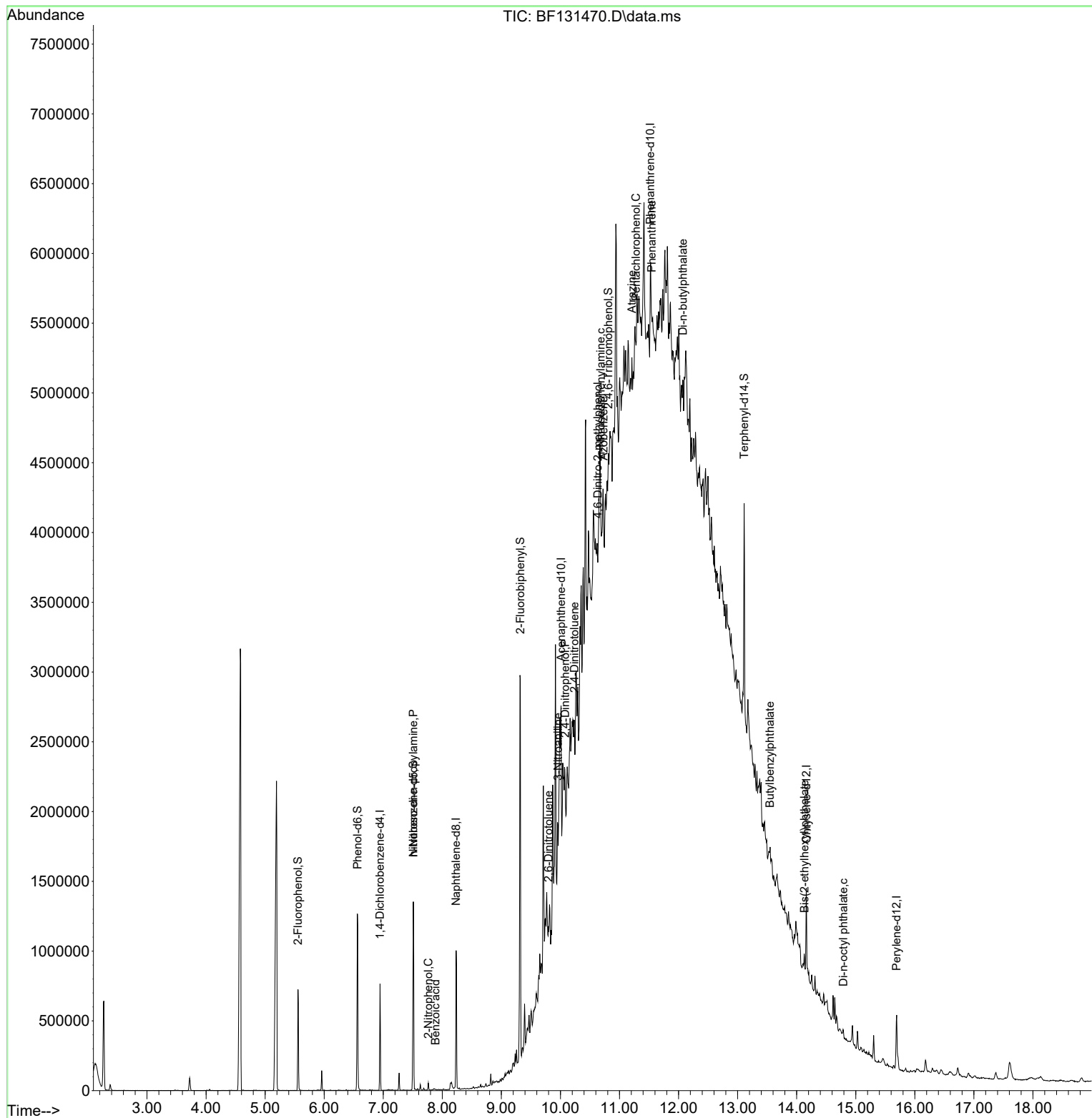
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	103278	20.000	ng	0.00
21) Naphthalene-d8	8.233	136	439469	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	202531	20.000	ng	0.00
64) Phenanthrene-d10	11.521	188	228135	20.000	ng	# 0.02
76) Chrysene-d12	14.163	240	189707	20.000	ng	# 0.00
86) Perylene-d12	15.692	264	185192	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	178640	32.920	ng	0.00
7) Phenol-d6	6.563	99	437859	63.242	ng	0.00
23) Nitrobenzene-d5	7.510	82	455063	52.197	ng	0.00
42) 2,4,6-Tribromophenol	10.810	330	20500	12.031	ng	0.01
45) 2-Fluorobiphenyl	9.322	172	968116	69.542	ng	0.00
79) Terphenyl-d14	13.110	244	626514	54.005	ng	0.01
Target Compounds						
9) Benzaldehyde	6.492	77	111	Below Cal		Qvalue # 4
19) n-Nitroso-di-n-propyla...	7.510	70	61187	12.072	ng	# 74
26) 2-Nitrophenol	7.763	139	258	3.666	ng	# 67
32) Benzoic acid	7.886	122	59	5.145	ng	# 1
51) 2,6-Dinitrotoluene	9.798	165	8028	2.845	ng	# 21
53) 3-Nitroaniline	9.957	138	12042	4.153	ng	# 15
54) 2,4-Dinitrophenol	10.080	184	157	5.067	ng	# 1
57) 2,4-Dinitrotoluene	10.239	165	12874	3.626	ng	# 44
63) Azobenzene	10.727	77	34045	2.376	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.633	198	1570	6.363	ng	# 1
66) n-Nitrosodiphenylamine	10.680	169	36955	5.084	ng	# 59
69) Atrazine	11.210	200	4726	2.112	ng	# 1
70) Pentachlorophenol	11.280	266	1441	5.663	ng	# 15
71) Phenanthrene	11.545	178	44257	3.590	ng	# 48
74) Di-n-butylphthalate	12.074	149	30167	2.477	ng	# 45
80) Butylbenzylphthalate	13.545	149	1004	4.306	ng	# 25
84) Bis(2-ethylhexyl)phtha...	14.133	149	32304	7.734	ng	# 94
85) Di-n-octyl phthalate	14.792	149	4872	4.426	ng	# 18

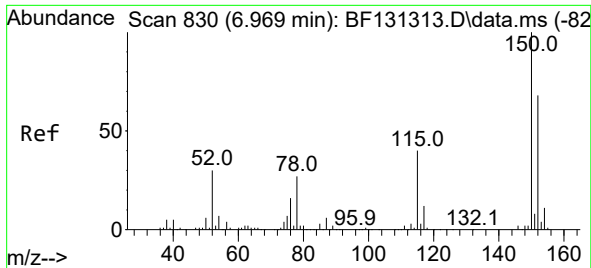
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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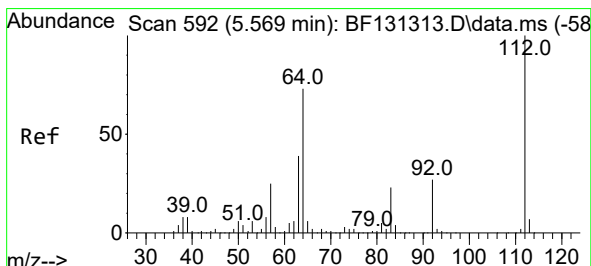
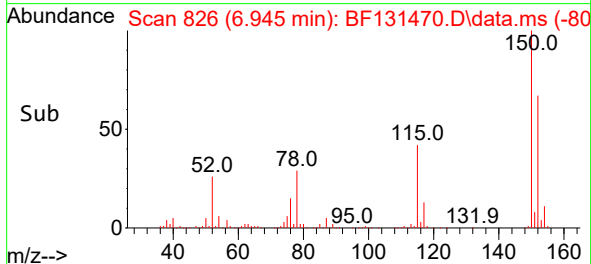
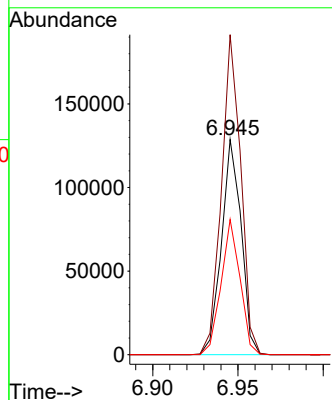
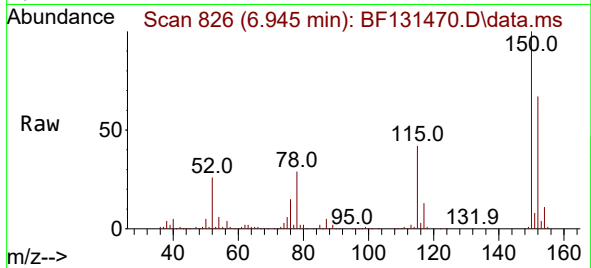




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131470.D
Acq: 30 Nov 2022 14:29

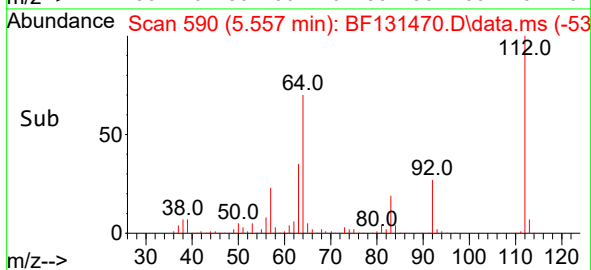
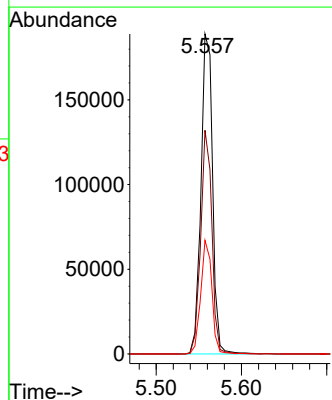
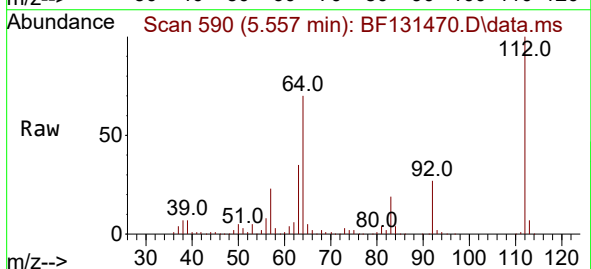
Instrument :
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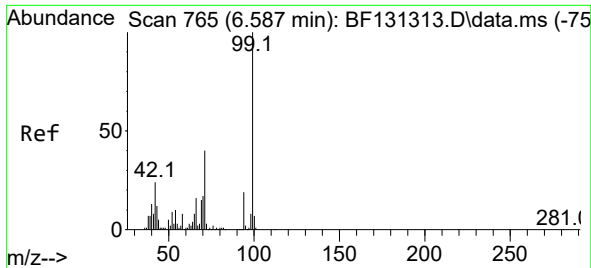
Tgt Ion:152 Resp: 103278
Ion Ratio Lower Upper
152 100
150 148.7 117.8 176.8
115 62.9 47.1 70.7



#5
2-Fluorophenol
Concen: 32.920 ng
RT: 5.557 min Scan# 590
Delta R.T. -0.000 min
Lab File: BF131470.D
Acq: 30 Nov 2022 14:29

Tgt Ion:112 Resp: 178640
Ion Ratio Lower Upper
112 100
64 69.9 58.6 88.0
63 35.5 31.4 47.0

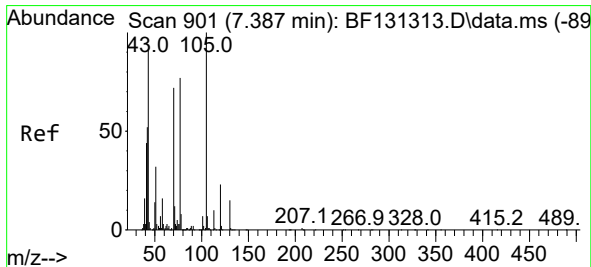
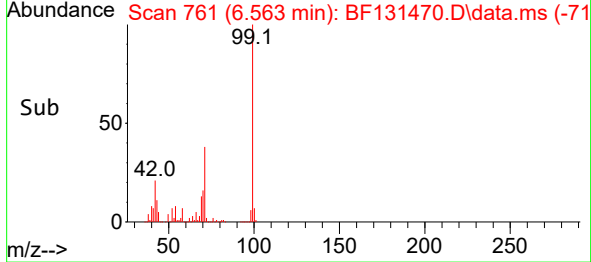
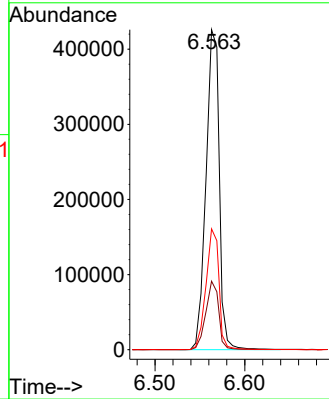
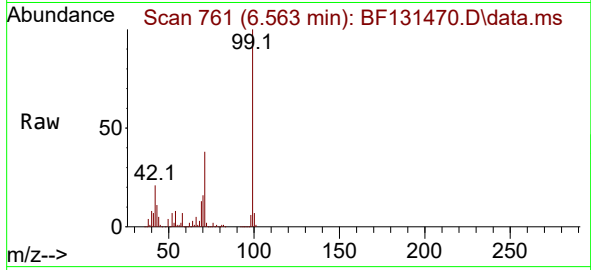




#7
Phenol-d6
Concen: 63.242 ng
RT: 6.563 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131470.D
Acq: 30 Nov 2022 14:29

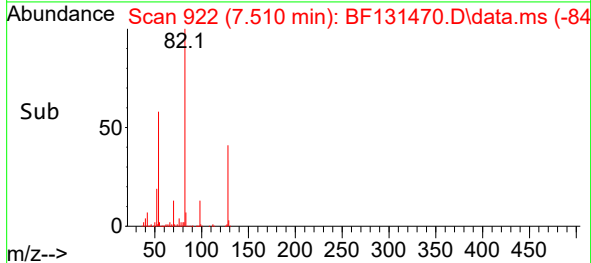
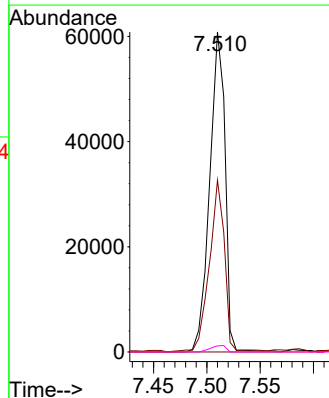
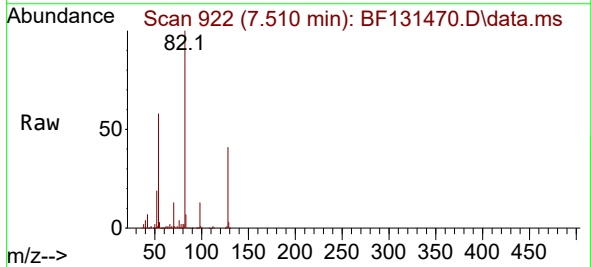
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ClientSampleId :
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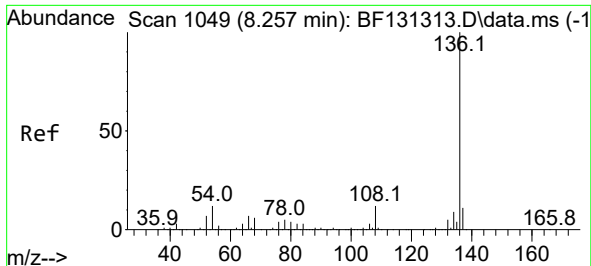
Tgt Ion: 99 Resp: 437859
Ion Ratio Lower Upper
99 100
42 21.4 19.4 29.2
71 37.8 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.072 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.147 min
Lab File: BF131470.D
Acq: 30 Nov 2022 14:29

Tgt Ion: 70 Resp: 61187
Ion Ratio Lower Upper
70 100
42 53.7 57.6 86.4#
101 0.0 8.2 12.2#
130 1.9 16.3 24.5#

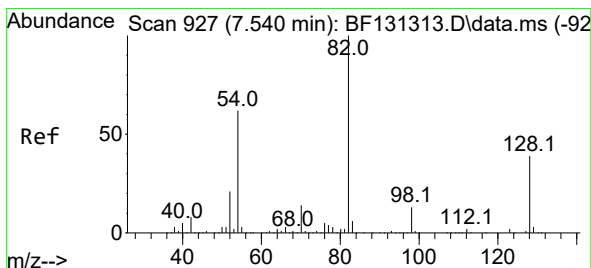
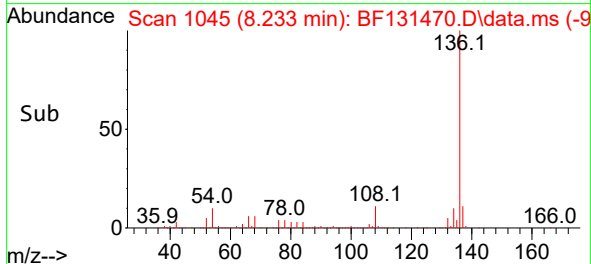
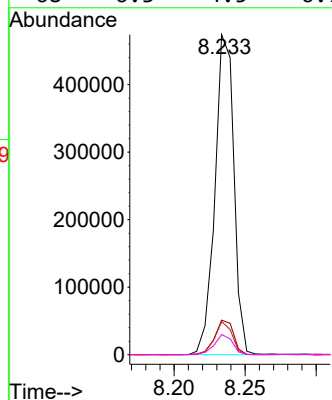
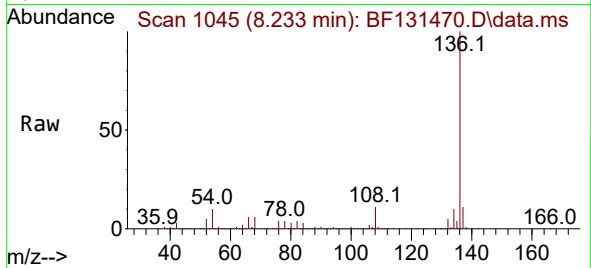




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF131470.D
Acq: 30 Nov 2022 14:29

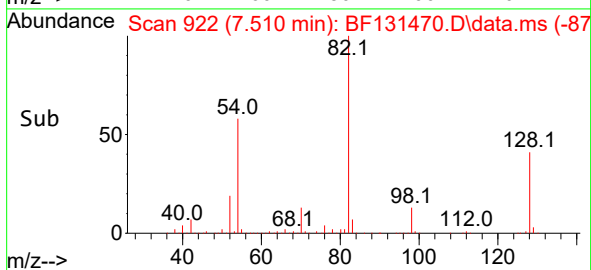
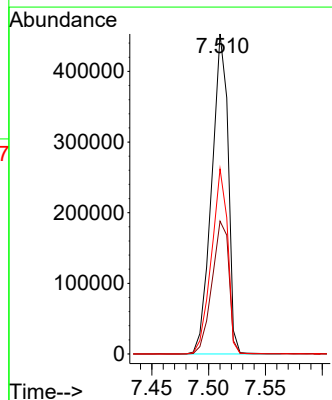
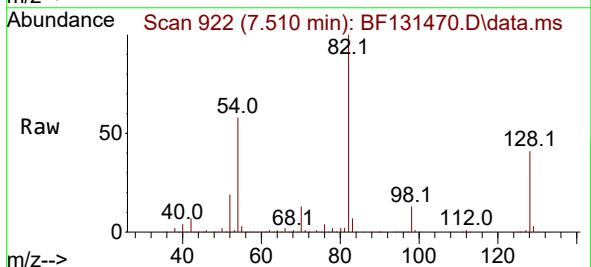
Instrument :
BNA_F
ClientSampleId :
220-1-CONCRETE

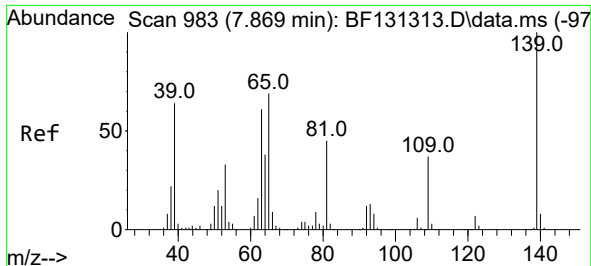
Tgt Ion:136 Resp: 439469
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 10.4 9.4 14.0
68 6.3 4.5 6.7



#23
Nitrobenzene-d5
Concen: 52.197 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.006 min
Lab File: BF131470.D
Acq: 30 Nov 2022 14:29

Tgt Ion: 82 Resp: 455063
Ion Ratio Lower Upper
82 100
128 41.5 31.4 47.0
54 57.9 49.8 74.6

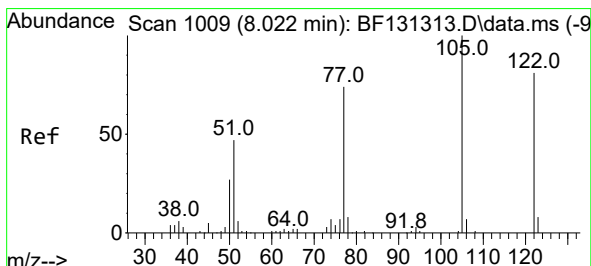
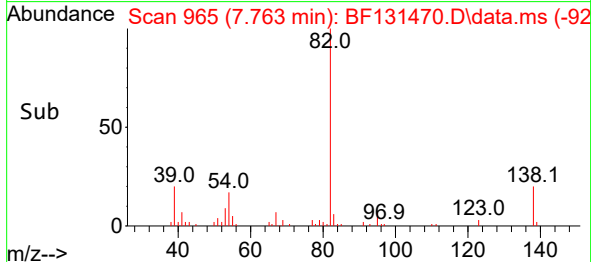
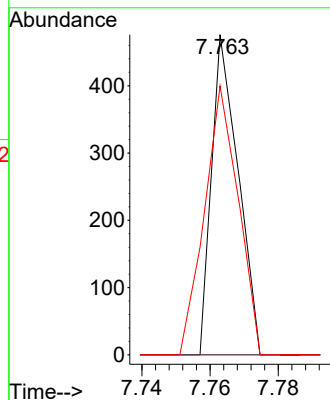
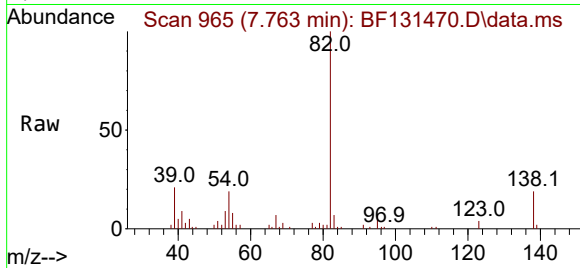




#26
2-Nitrophenol
Concen: 3.666 ng
RT: 7.763 min Scan# 90
Delta R.T. -0.088 min
Lab File: BF131470.D
Acq: 30 Nov 2022 14:29

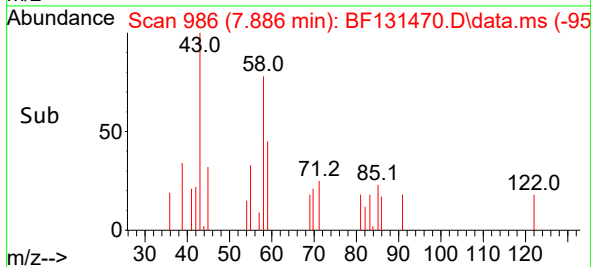
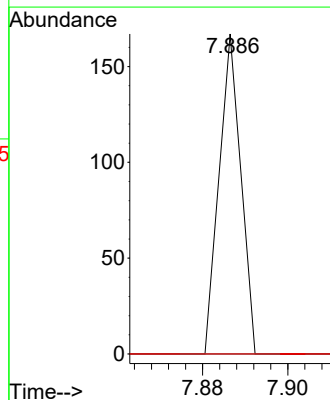
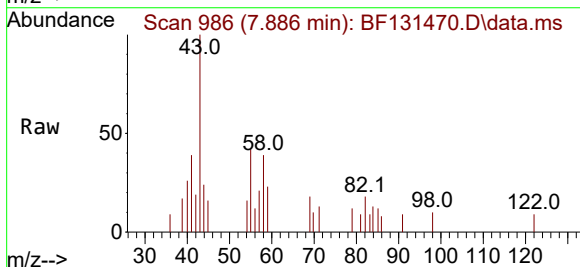
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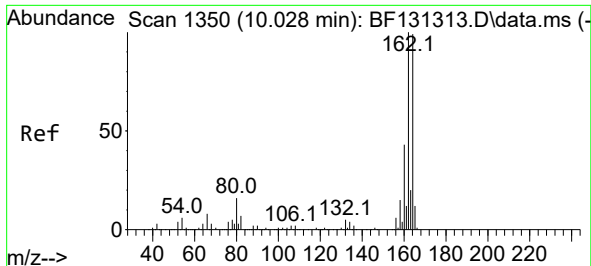
Tgt Ion:139 Resp: 258
Ion Ratio Lower Upper
139 100
109 0.0 29.9 44.9#
65 84.0 55.7 83.5#



#32
Benzoic acid
Concen: 5.145 ng
RT: 7.886 min Scan# 986
Delta R.T. -0.112 min
Lab File: BF131470.D
Acq: 30 Nov 2022 14:29

Tgt Ion:122 Resp: 59
Ion Ratio Lower Upper
122 100
105 0.0 103.8 143.8#
77 0.0 74.3 114.3#

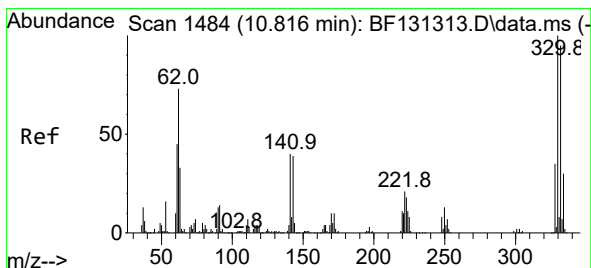
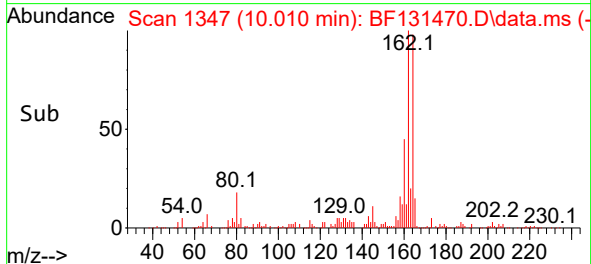
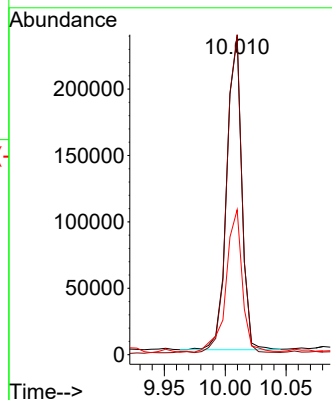
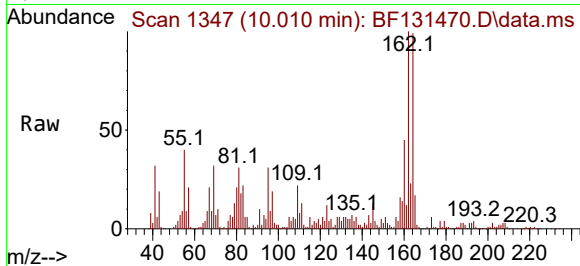




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF131470.D
Acq: 30 Nov 2022 14:29

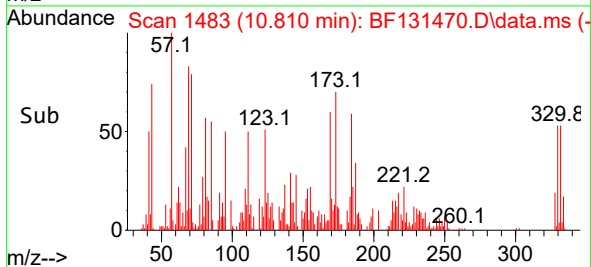
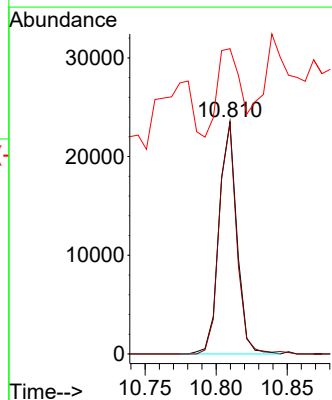
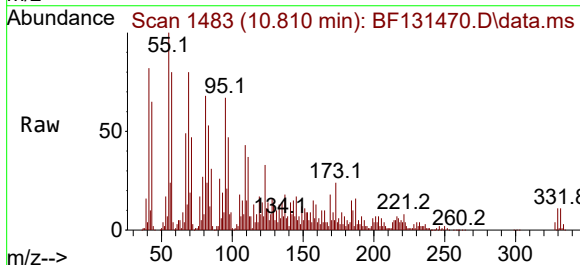
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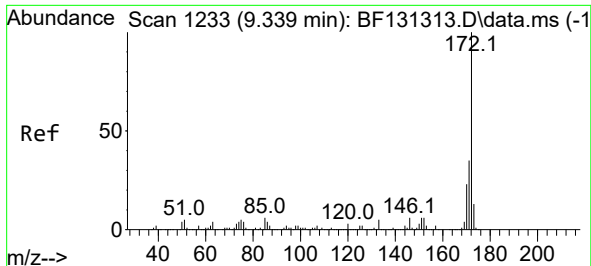
Tgt Ion:164 Resp: 202531
Ion Ratio Lower Upper
164 100
162 100.7 80.6 120.8
160 45.6 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 12.031 ng
RT: 10.810 min Scan# 1483
Delta R.T. 0.012 min
Lab File: BF131470.D
Acq: 30 Nov 2022 14:29

Tgt Ion:330 Resp: 20500
Ion Ratio Lower Upper
330 100
332 97.8 77.5 116.3
141 48.8 29.3 43.9#

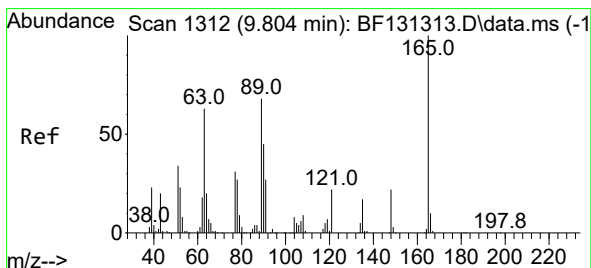
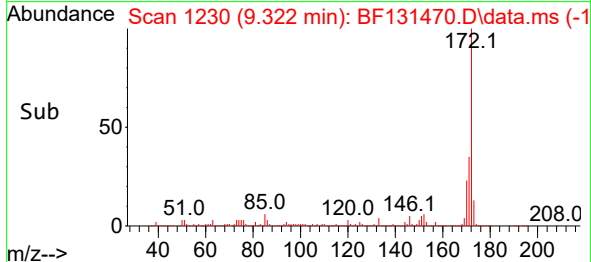
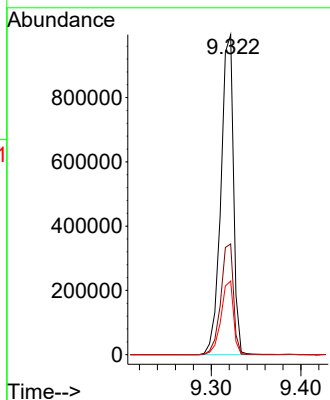
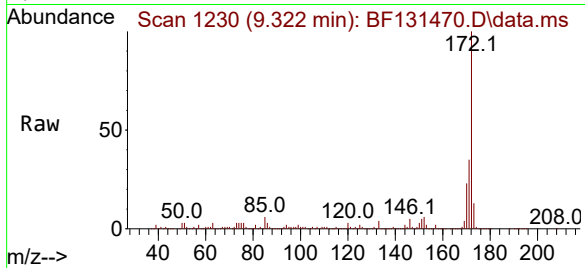




#45
2-Fluorobiphenyl
Concen: 69.542 ng
RT: 9.322 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131470.D
Acq: 30 Nov 2022 14:29

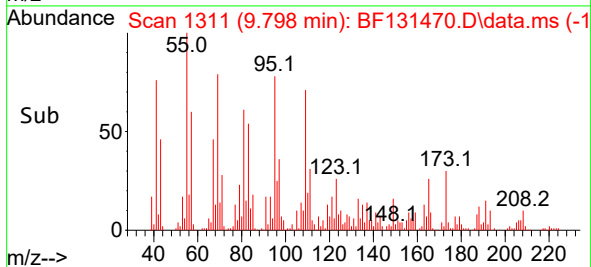
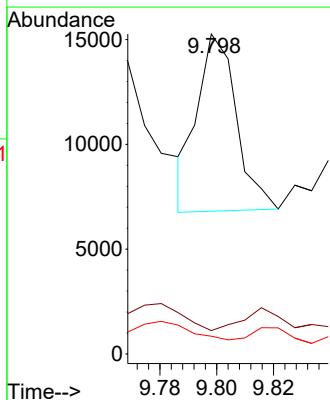
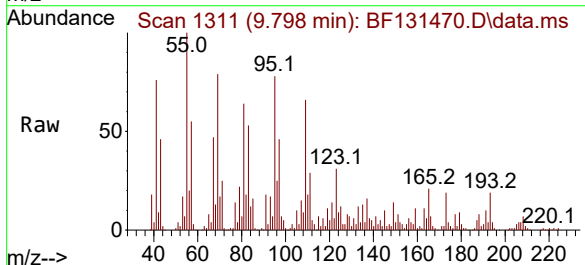
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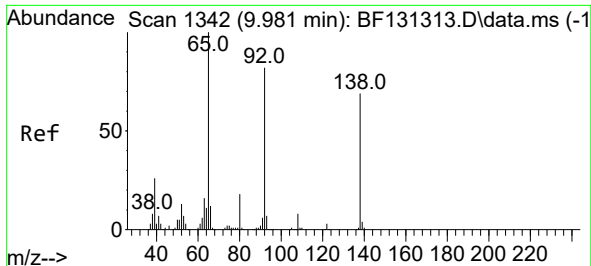
Tgt Ion:172 Resp: 968116
Ion Ratio Lower Upper
172 100
171 34.6 28.2 42.2
170 23.0 18.7 28.1



#51
2,6-Dinitrotoluene
Concen: 2.845 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.012 min
Lab File: BF131470.D
Acq: 30 Nov 2022 14:29

Tgt Ion:165 Resp: 8028
Ion Ratio Lower Upper
165 100
63 7.3 62.0 93.0#
89 5.6 54.4 81.6#

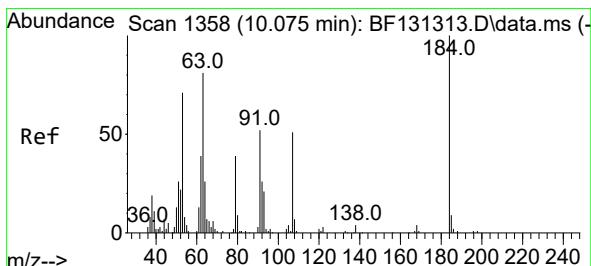
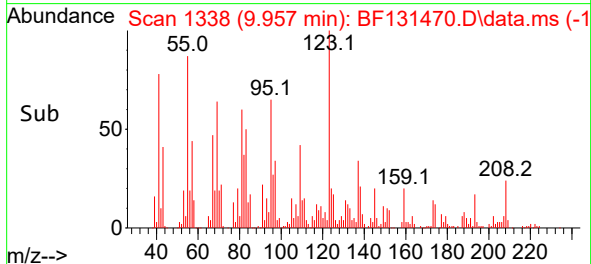
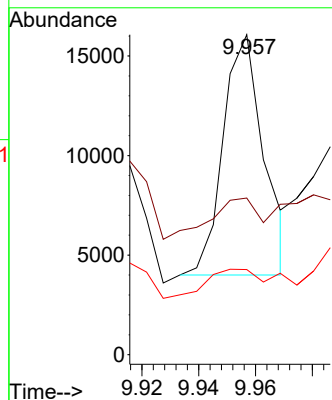
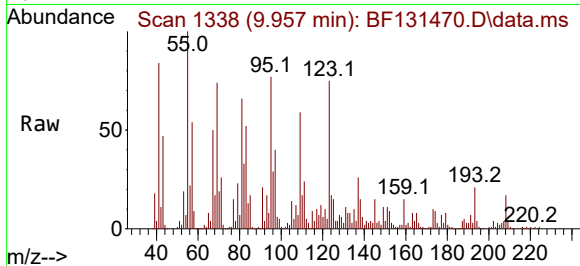




#53
3-Nitroaniline
Concen: 4.153 ng
RT: 9.957 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF131470.D
Acq: 30 Nov 2022 14:29

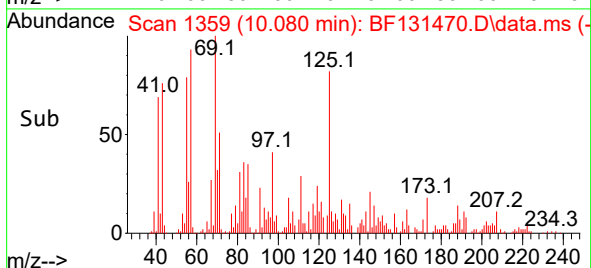
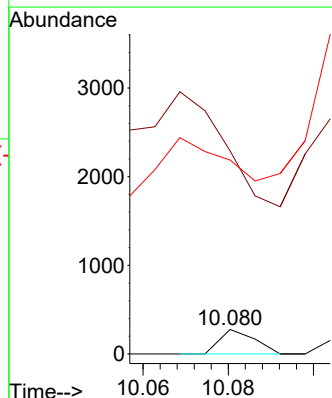
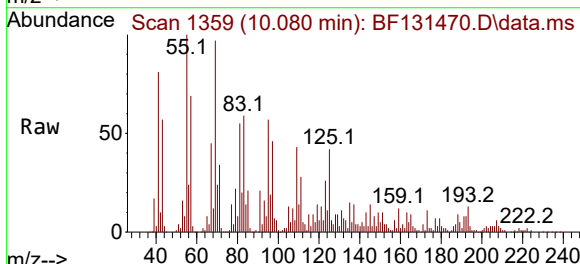
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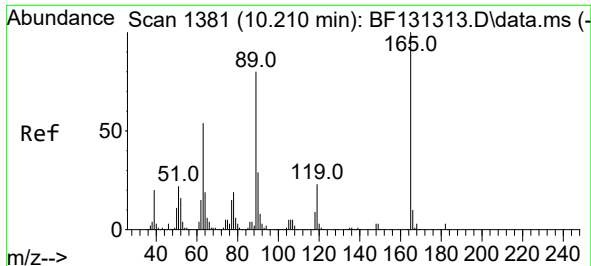
Tgt Ion:138 Resp: 12042
Ion Ratio Lower Upper
138 100
108 48.9 8.9 13.3#
92 26.6 95.3 142.9#



#54
2,4-Dinitrophenol
Concen: 5.067 ng
RT: 10.080 min Scan# 1359
Delta R.T. 0.018 min
Lab File: BF131470.D
Acq: 30 Nov 2022 14:29

Tgt Ion:184 Resp: 157
Ion Ratio Lower Upper
184 100
63 829.7 72.1 108.1#
154 792.8 56.3 84.5#

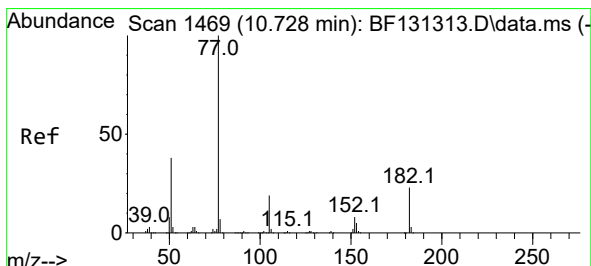
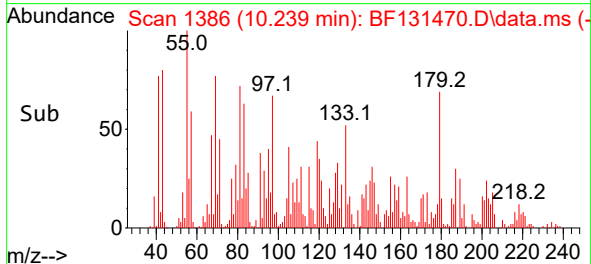
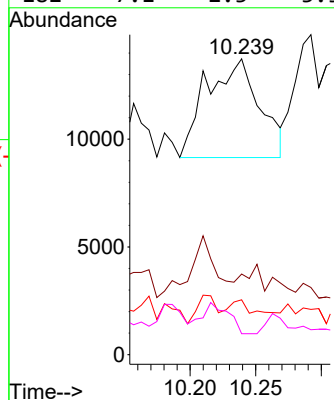
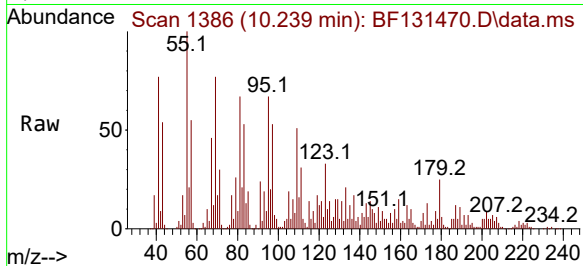




#57
2,4-Dinitrotoluene
Concen: 3.626 ng
RT: 10.239 min Scan# 1386
Delta R.T. 0.047 min
Lab File: BF131470.D
Acq: 30 Nov 2022 14:29

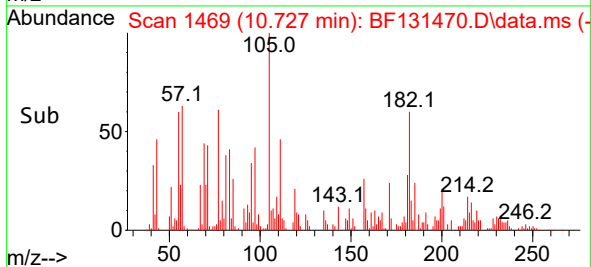
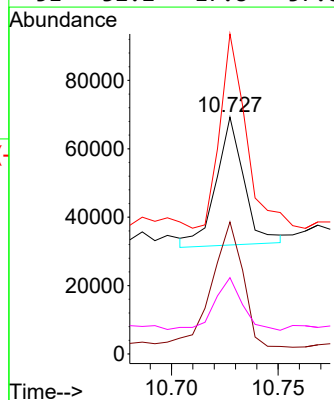
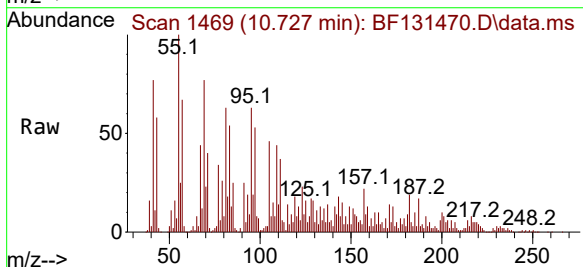
Instrument :
BNA_F
ClientSampleId :
220-1-CONCRETE

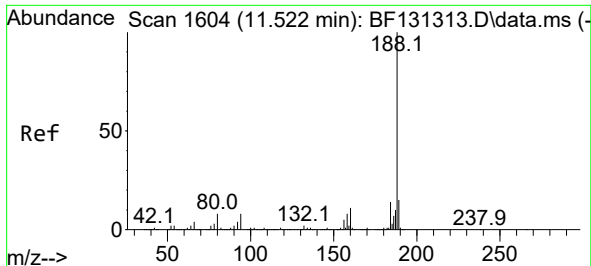
Tgt Ion:165 Resp: 12874
Ion Ratio Lower Upper
165 100
63 27.3 43.4 65.2#
89 18.6 64.0 96.0#
182 7.1 2.3 3.5#



#63
Azobenzene
Concen: 2.376 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.018 min
Lab File: BF131470.D
Acq: 30 Nov 2022 14:29

Tgt Ion: 77 Resp: 34045
Ion Ratio Lower Upper
77 100
182 55.7 3.1 43.1#
105 135.1 0.0 39.2#
51 32.2 17.8 57.8

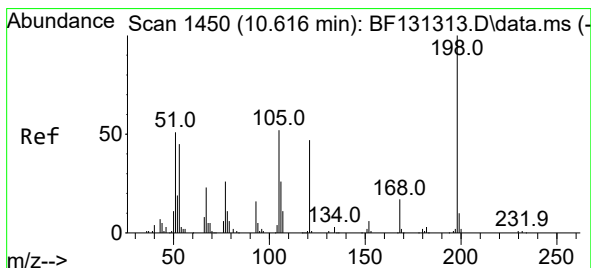
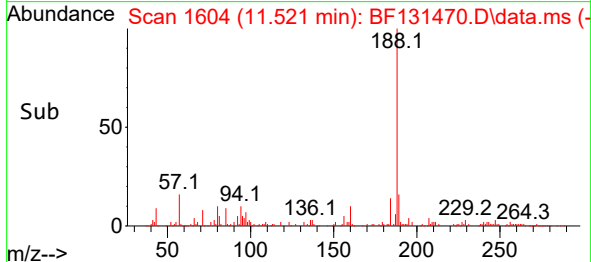
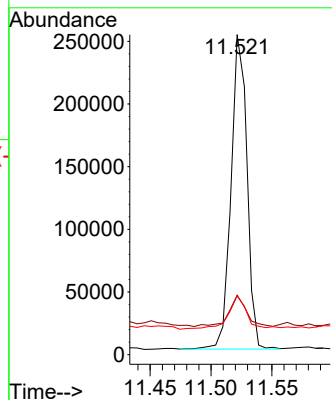
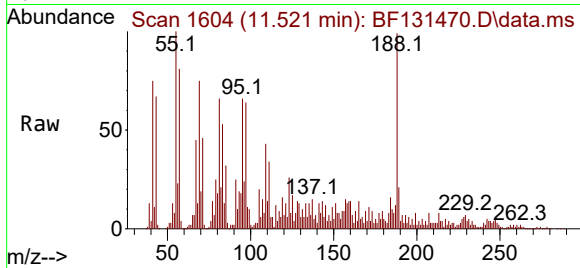




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.521 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF131470.D
Acq: 30 Nov 2022 14:29

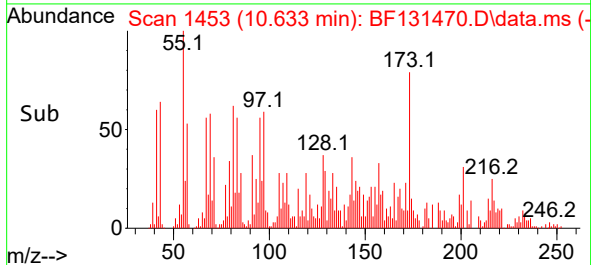
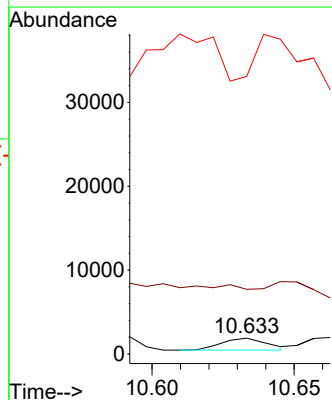
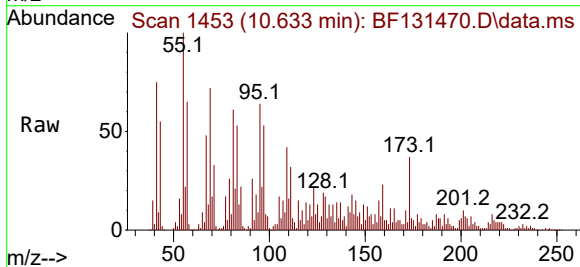
Instrument :
BNA_F
ClientSampleId :
220-1-CONCRETE

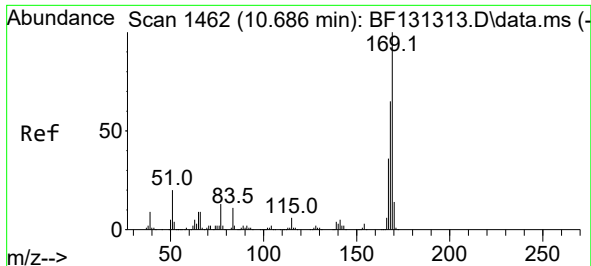
Tgt Ion:188 Resp: 228135
Ion Ratio Lower Upper
188 100
94 18.6 6.3 9.5#
80 18.3 6.8 10.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.363 ng
RT: 10.633 min Scan# 1453
Delta R.T. 0.035 min
Lab File: BF131470.D
Acq: 30 Nov 2022 14:29

Tgt Ion:198 Resp: 1570
Ion Ratio Lower Upper
198 100
51 406.3 50.1 90.1#
105 1746.0 32.5 72.5#

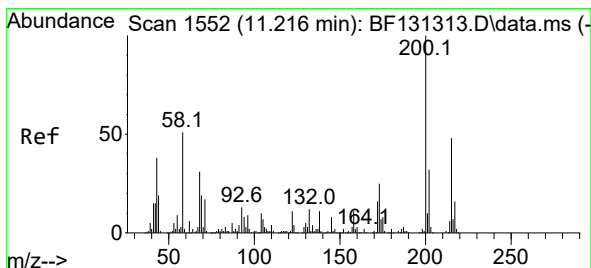
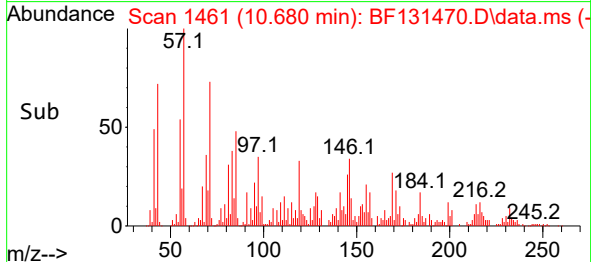
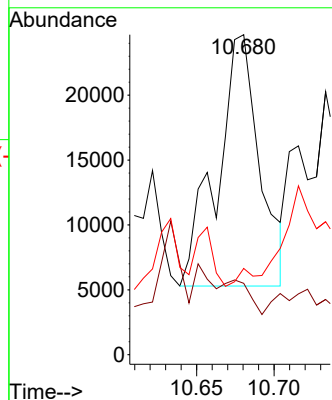
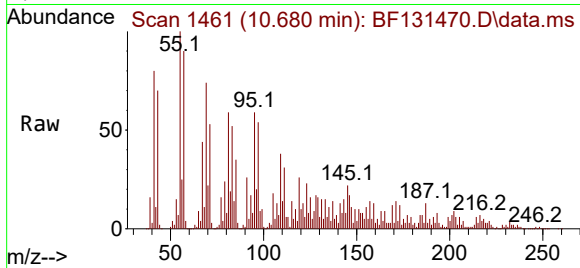




#66
n-Nitrosodiphenylamine
Concen: 5.084 ng
RT: 10.680 min Scan# 1462
Delta R.T. 0.012 min
Lab File: BF131470.D
Acq: 30 Nov 2022 14:29

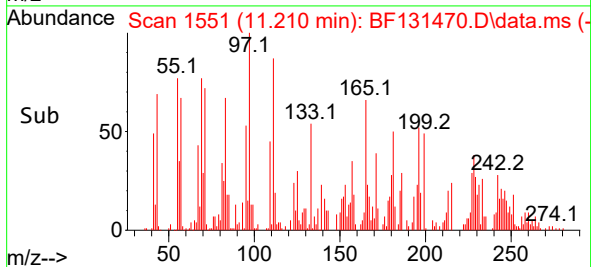
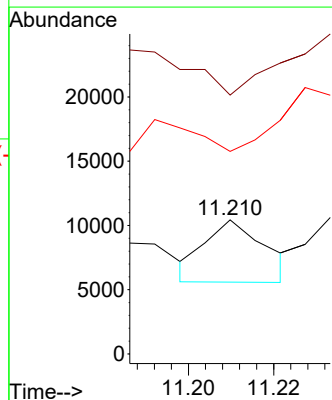
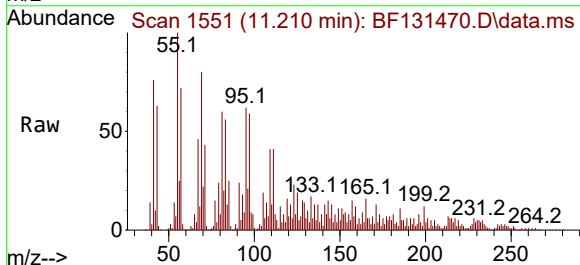
Instrument :
BNA_F
ClientSampleId :
220-1-CONCRETE

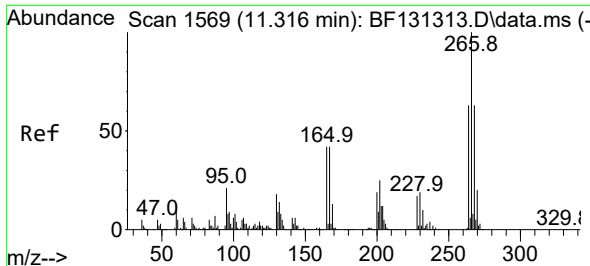
Tgt Ion:169 Resp: 36955
Ion Ratio Lower Upper
169 100
168 22.3 52.4 78.6#
167 26.9 29.2 43.8#



#69
Atrazine
Concen: 2.112 ng
RT: 11.210 min Scan# 1551
Delta R.T. 0.018 min
Lab File: BF131470.D
Acq: 30 Nov 2022 14:29

Tgt Ion:200 Resp: 4726
Ion Ratio Lower Upper
200 100
173 193.0 5.2 45.2#
215 151.0 28.3 68.3#

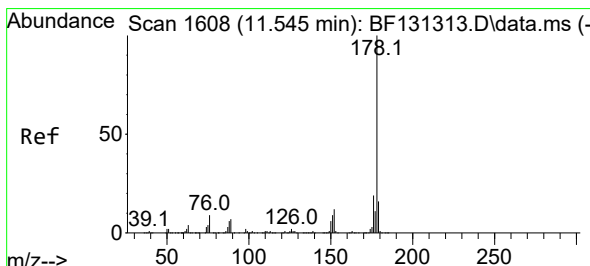
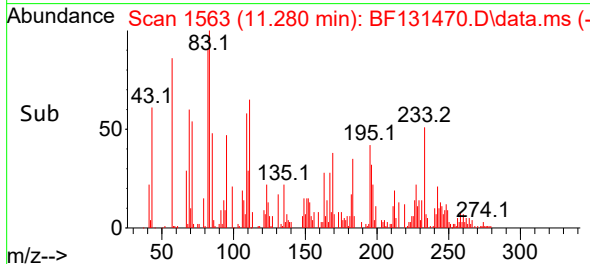
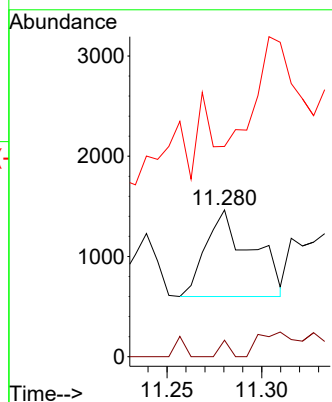
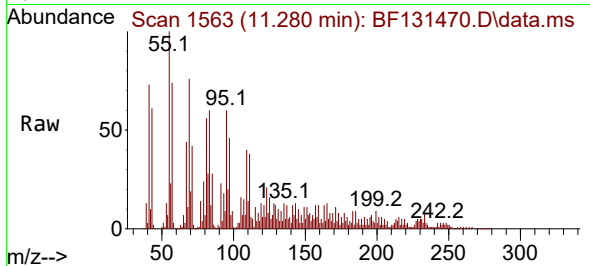




#70
Pentachlorophenol
Concen: 5.663 ng
RT: 11.280 min Scan# 1563
Delta R.T. -0.018 min
Lab File: BF131470.D
Acq: 30 Nov 2022 14:29

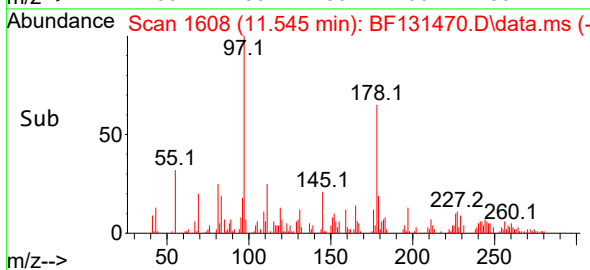
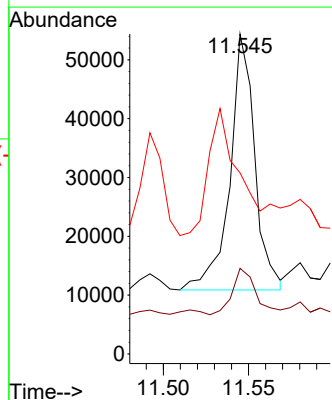
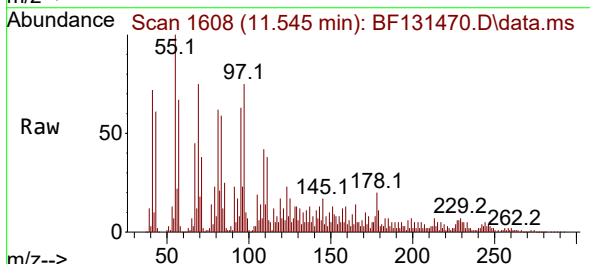
Instrument :
BNA_F
ClientSampleId :
220-1-CONCRETE

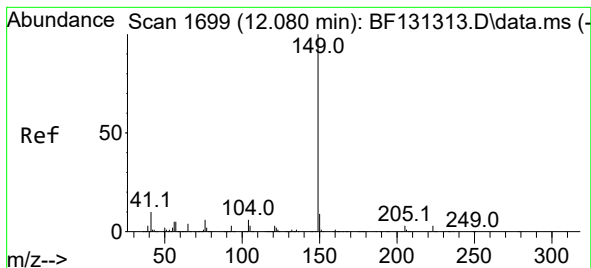
Tgt Ion:266 Resp: 1441
Ion Ratio Lower Upper
266 100
268 11.2 50.6 75.8#
264 143.3 50.4 75.6#



#71
Phenanthrene
Concen: 3.590 ng
RT: 11.545 min Scan# 1608
Delta R.T. 0.018 min
Lab File: BF131470.D
Acq: 30 Nov 2022 14:29

Tgt Ion:178 Resp: 44257
Ion Ratio Lower Upper
178 100
176 26.8 15.6 23.4#
179 56.6 12.4 18.6#





#74

Di-n-butylphthalate

Concen: 2.477 ng

RT: 12.074 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF131470.D

Acq: 30 Nov 2022 14:29

Instrument :

BNA_F

ClientSampleId :

220-1-CONCRETE

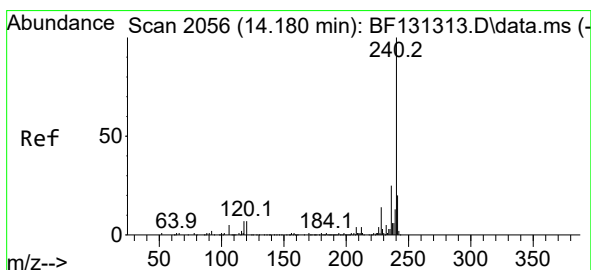
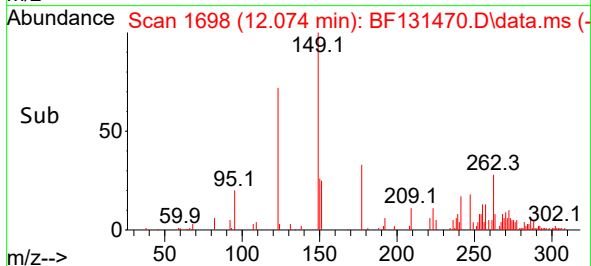
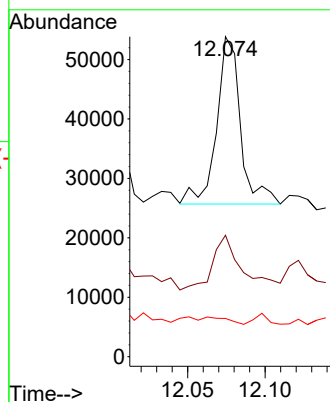
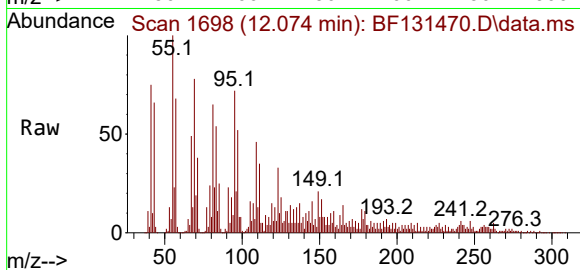
Tgt Ion:149 Resp: 30167

Ion Ratio Lower Upper

149 100

150 38.0 7.3 10.9#

104 11.9 4.7 7.1#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.163 min Scan# 2053

Delta R.T. 0.006 min

Lab File: BF131470.D

Acq: 30 Nov 2022 14:29

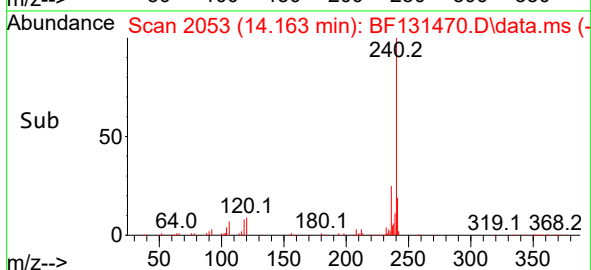
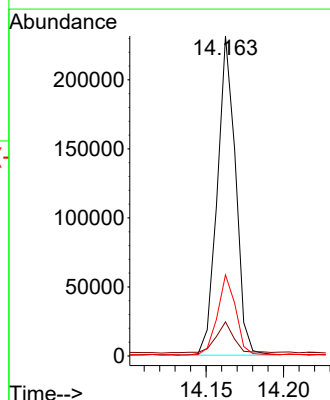
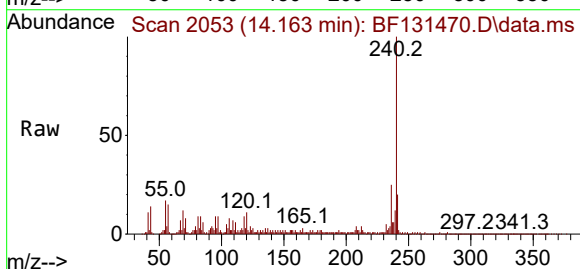
Tgt Ion:240 Resp: 189707

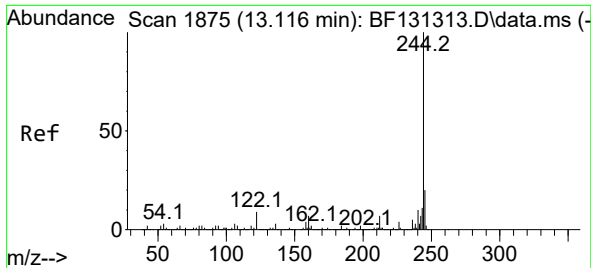
Ion Ratio Lower Upper

240 100

120 10.7 5.8 8.8#

236 25.3 20.3 30.5

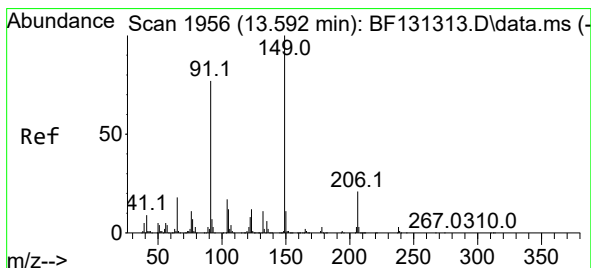
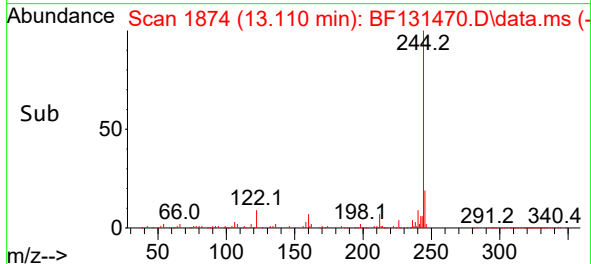
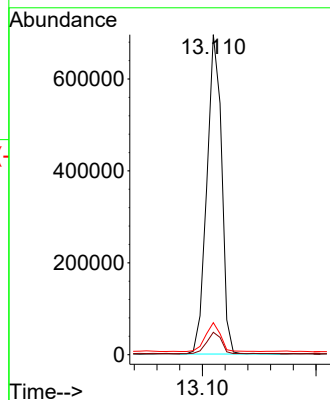
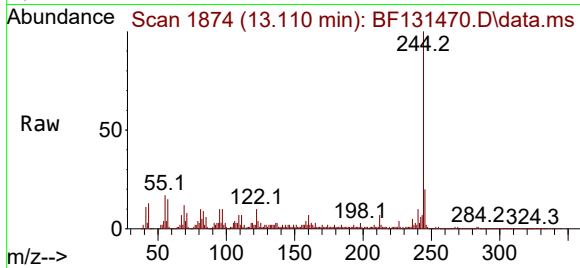




#79
 Terphenyl-d14
 Concen: 54.005 ng
 RT: 13.110 min Scan# 1875
 Delta R.T. 0.012 min
 Lab File: BF131470.D
 Acq: 30 Nov 2022 14:29

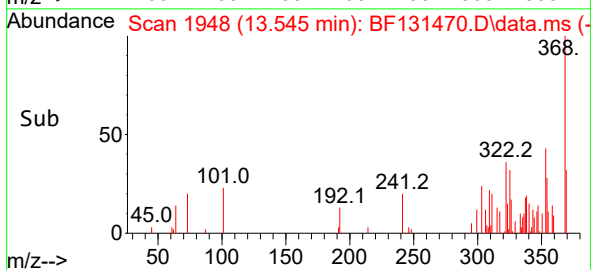
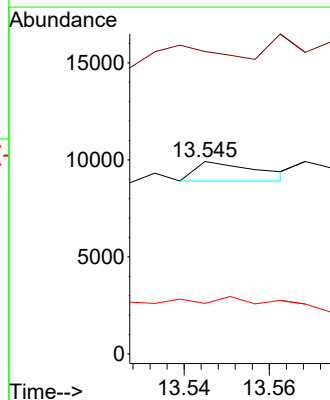
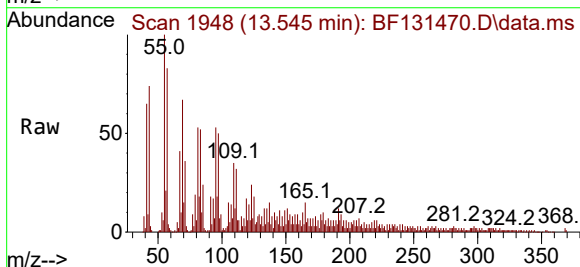
Instrument :
 BNA_F
 ClientSampleId :
 220-1-CONCRETE

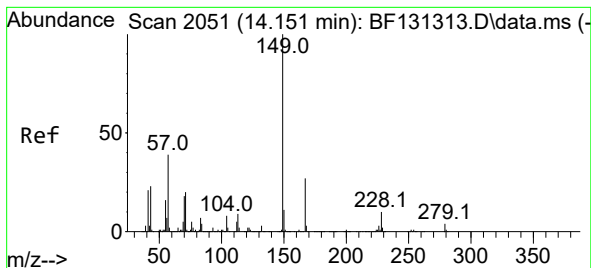
Tgt Ion:244 Resp: 626514
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 10.0 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 4.306 ng
 RT: 13.545 min Scan# 1948
 Delta R.T. -0.024 min
 Lab File: BF131470.D
 Acq: 30 Nov 2022 14:29

Tgt Ion:149 Resp: 1004
 Ion Ratio Lower Upper
 149 100
 91 157.1 61.9 92.9#
 206 26.2 16.5 24.7#

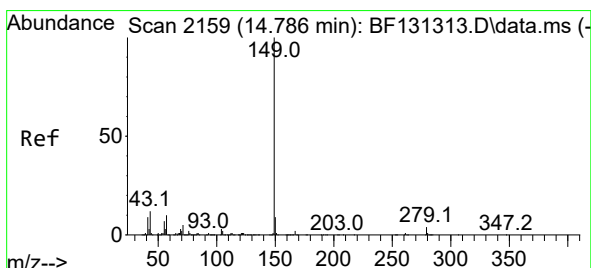
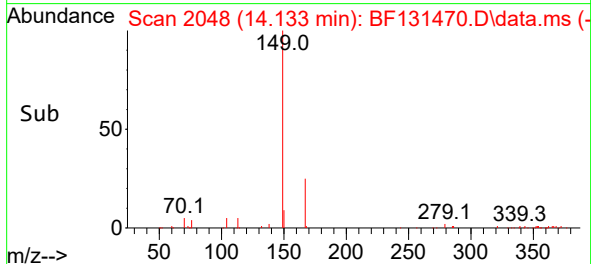
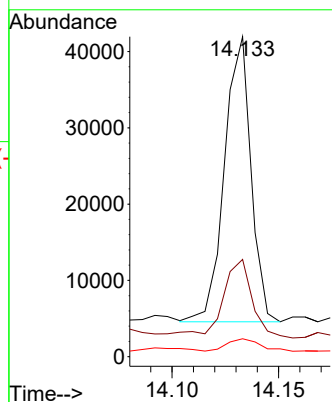
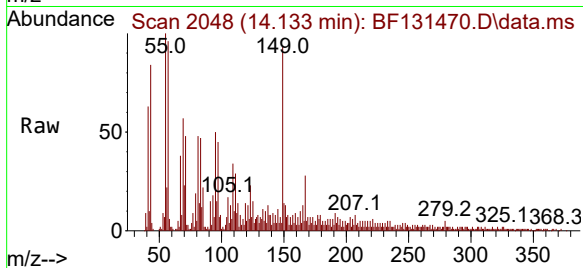




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 7.734 ng
 RT: 14.133 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: BF131470.D
 Acq: 30 Nov 2022 14:29

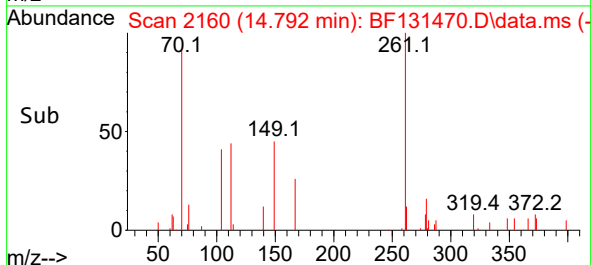
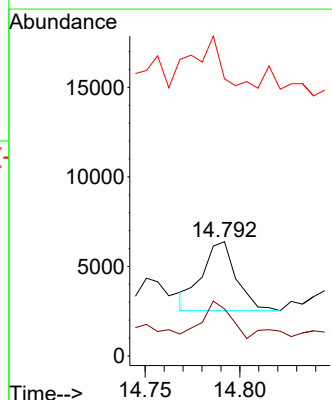
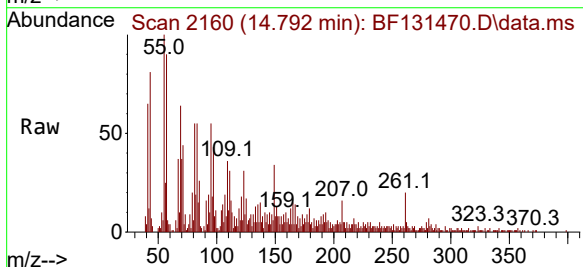
Instrument :
 BNA_F
 ClientSampleId :
 220-1-CONCRETE

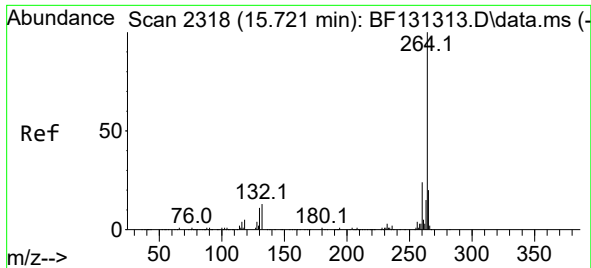
Tgt Ion:149 Resp: 32304
 Ion Ratio Lower Upper
 149 100
 167 30.4 21.9 32.9
 279 5.6 3.0 4.4#



#85
 Di-n-octyl phthalate
 Concen: 4.426 ng
 RT: 14.792 min Scan# 2160
 Delta R.T. 0.035 min
 Lab File: BF131470.D
 Acq: 30 Nov 2022 14:29

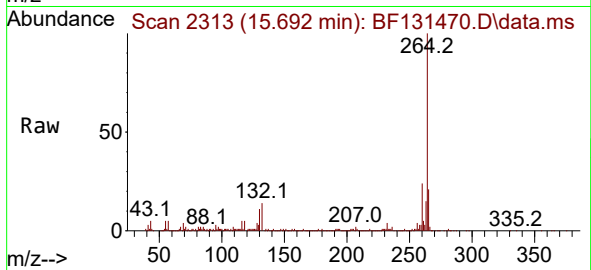
Tgt Ion:149 Resp: 4872
 Ion Ratio Lower Upper
 149 100
 167 44.0 1.2 1.8#
 43 45.0 10.7 16.1#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.692 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF131470.D
 Acq: 30 Nov 2022 14:29

Instrument :
 BNA_F
 ClientSampleId :
 220-1-CONCRETE



Tgt Ion:264 Resp: 185192

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.4
265	21.5	16.4	24.6

