

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
 Data File : BF127565.D
 Acq On : 29 Mar 2022 15:06
 Operator : CG\JU
 Sample : N2156-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PILE

Quant Time: Mar 29 15:57:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

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

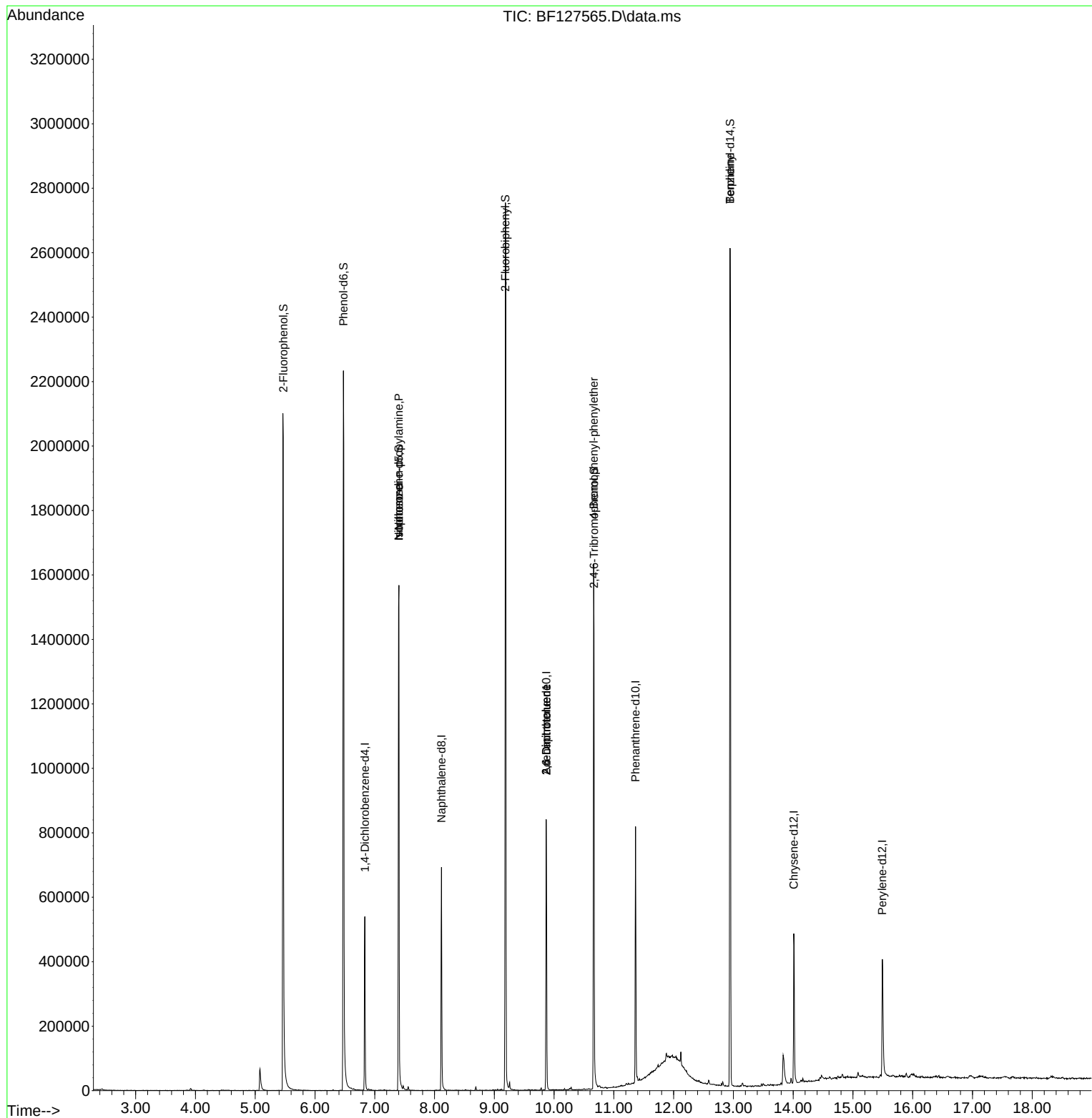
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	76195	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	280796	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	159551	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	274839	20.000	ng	0.00
76) Chrysene-d12	14.010	240	175278	20.000	ng	# 0.00
86) Perylene-d12	15.492	264	181536	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	571938	119.816	ng	0.01
7) Phenol-d6	6.475	99	782608	119.941	ng	0.00
23) Nitrobenzene-d5	7.404	82	532765	81.103	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	192054	112.998	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	905589	82.881	ng	0.00
79) Terphenyl-d14	12.945	244	920829	86.001	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.475	77	1222	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.404	70	71736	18.341	ng	# 78
25) Isophorone	7.404	82	532760	50.921	ng	# 70
51) 2,6-Dinitrotoluene	9.869	165	20306	8.715	ng	# 17
55) Dibenzofuran	10.092	168	310	Below Cal	#	45
57) 2,4-Dinitrotoluene	9.869	165	20306	6.771	ng	# 14
58) Fluorene	10.663	166	7888	Below Cal	#	88
67) 4-Bromophenyl-phenylether	10.663	248	12366	3.854	ng	# 1
77) Benzidine	12.945	184	12249	2.931	ng	# 93

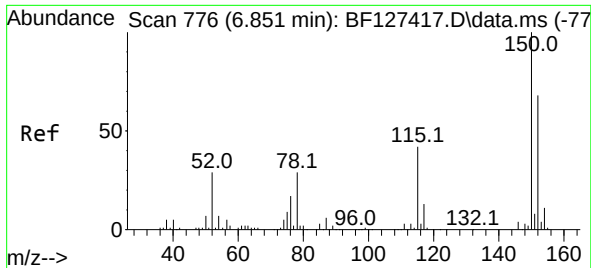
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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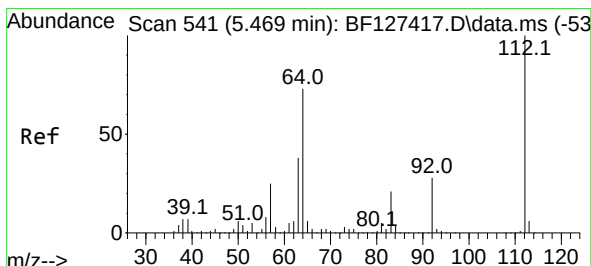
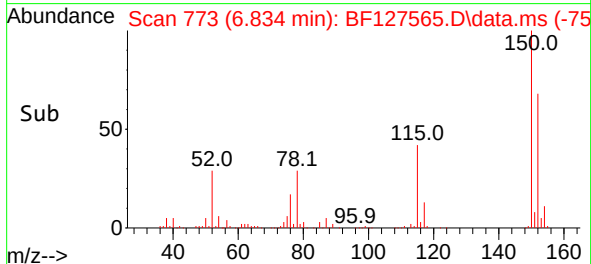
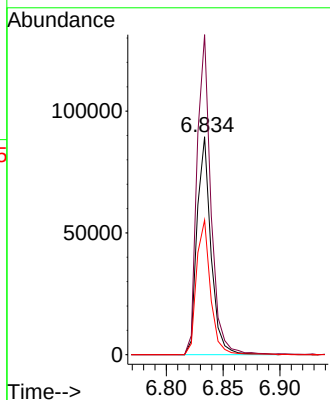
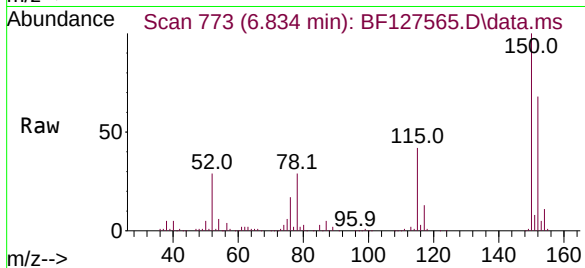




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BF127565.D
 Acq: 29 Mar 2022 15:06

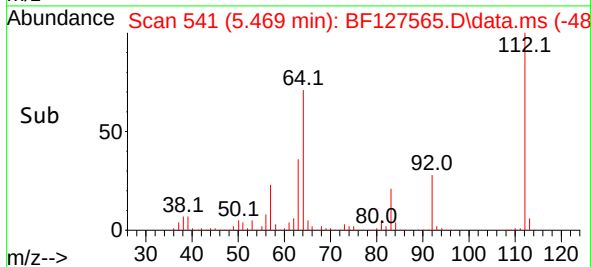
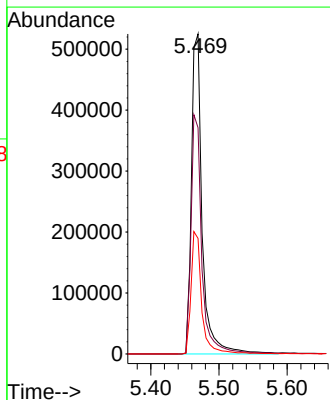
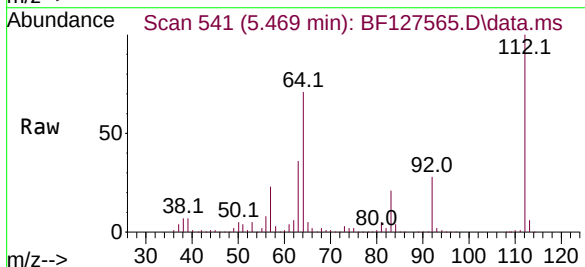
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PILE

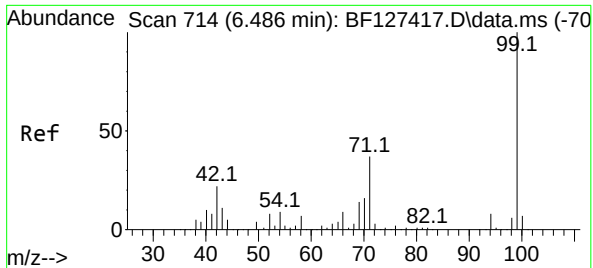
Tgt Ion:152 Resp: 76195
 Ion Ratio Lower Upper
 152 100
 150 146.9 117.2 175.8
 115 61.8 49.8 74.6



#5
 2-Fluorophenol
 Concen: 119.816 ng
 RT: 5.469 min Scan# 541
 Delta R.T. 0.012 min
 Lab File: BF127565.D
 Acq: 29 Mar 2022 15:06

Tgt Ion:112 Resp: 571938
 Ion Ratio Lower Upper
 112 100
 64 70.7 58.4 87.6
 63 36.1 30.1 45.1

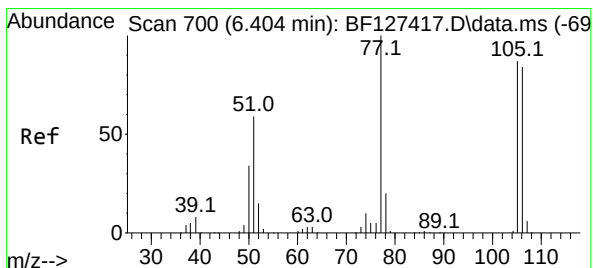
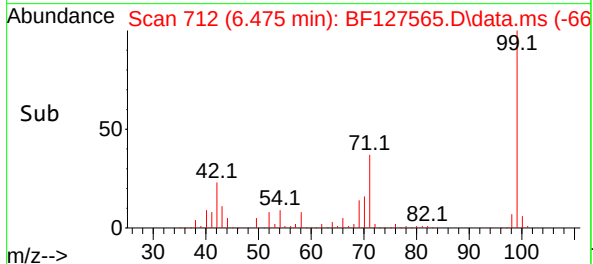
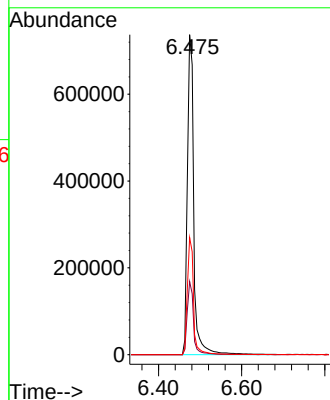
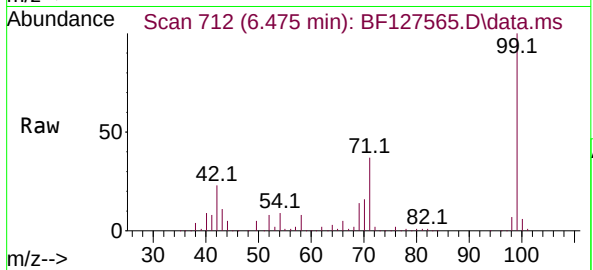




#7
Phenol-d6
Concen: 119.941 ng
RT: 6.475 min Scan# 712
Delta R.T. -0.006 min
Lab File: BF127565.D
Acq: 29 Mar 2022 15:06

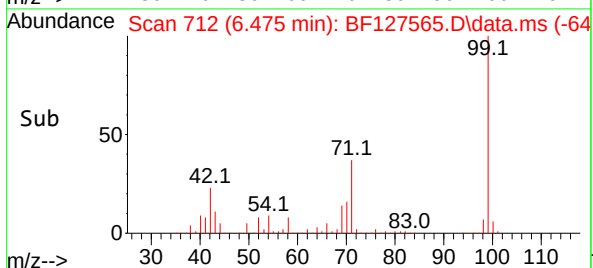
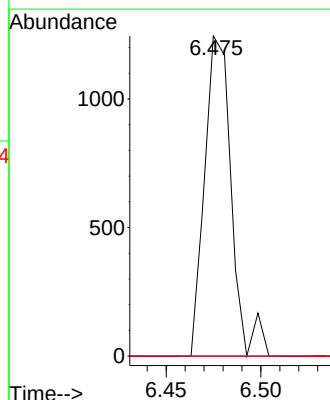
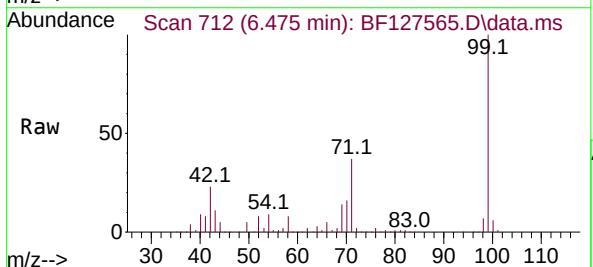
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

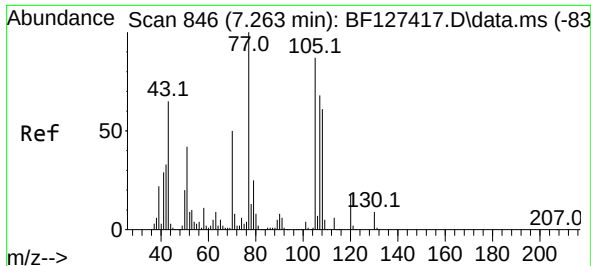
Tgt Ion: 99 Resp: 782608
Ion Ratio Lower Upper
99 100
42 22.9 17.8 26.6
71 36.6 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.475 min Scan# 712
Delta R.T. 0.083 min
Lab File: BF127565.D
Acq: 29 Mar 2022 15:06

Tgt Ion: 77 Resp: 1222
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 18.341 ng

RT: 7.404 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127565.D

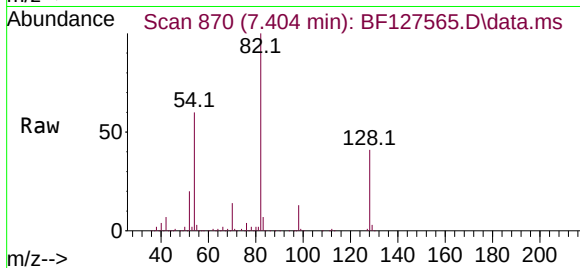
Acq: 29 Mar 2022 15:06

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PILE



Tgt Ion: 70 Resp: 71736

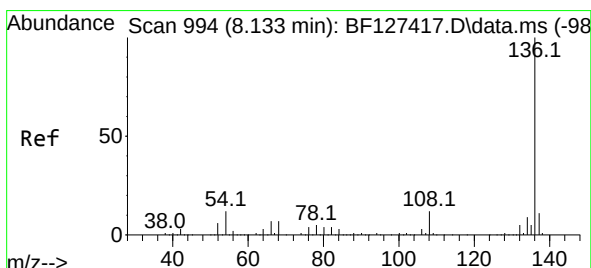
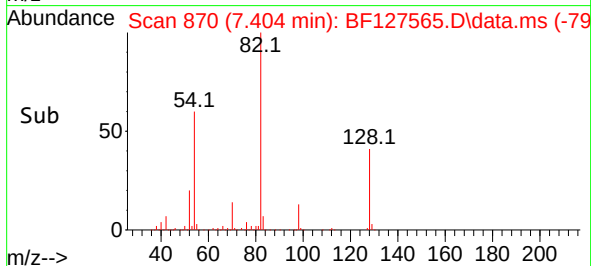
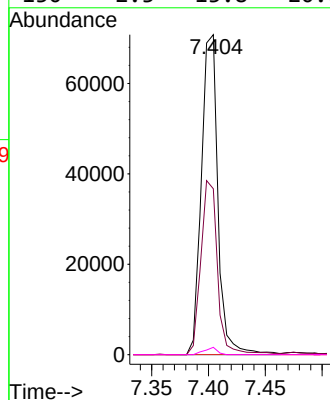
Ion Ratio Lower Upper

70 100

42 51.9 53.0 79.6#

101 0.0 6.8 10.2#

130 2.3 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF127565.D

Acq: 29 Mar 2022 15:06

Tgt Ion: 136 Resp: 280796

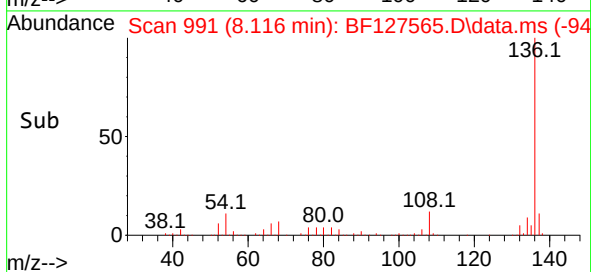
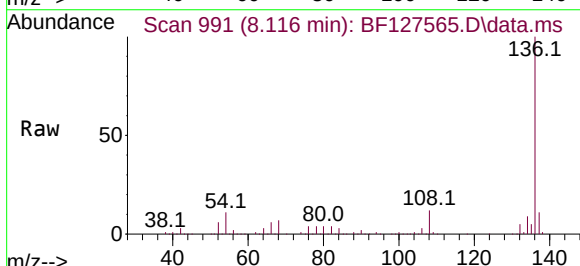
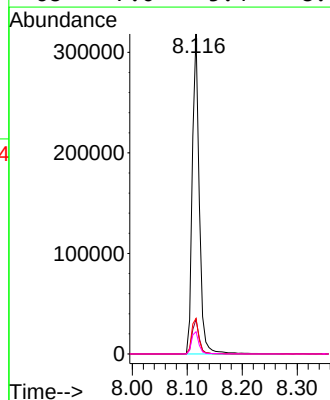
Ion Ratio Lower Upper

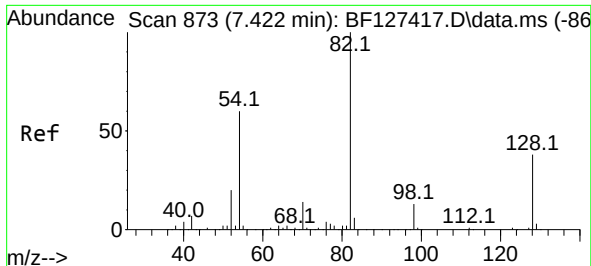
136 100

137 10.8 8.6 13.0

54 11.1 9.2 13.8

68 7.0 5.4 8.0

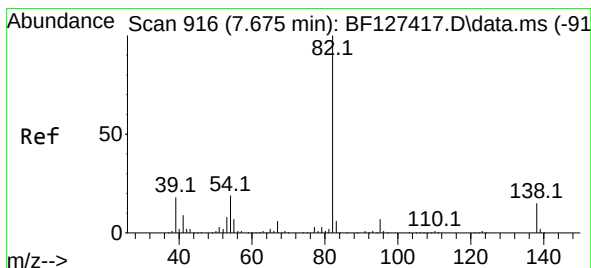
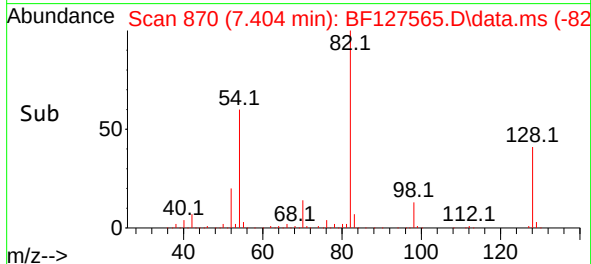
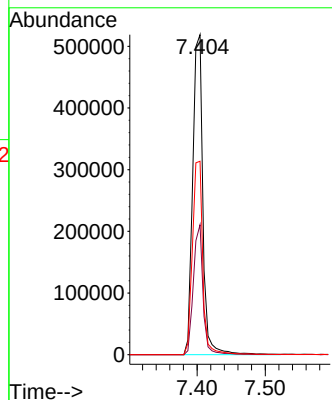
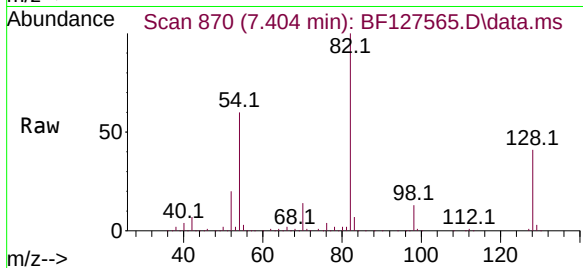




#23
Nitrobenzene-d5
Concen: 81.103 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127565.D
Acq: 29 Mar 2022 15:06

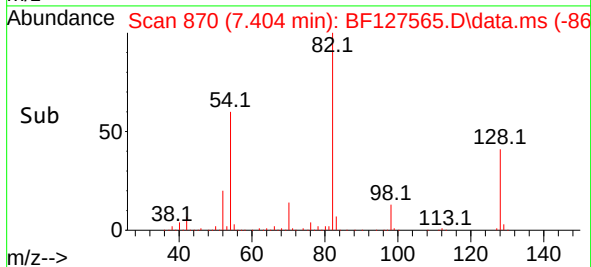
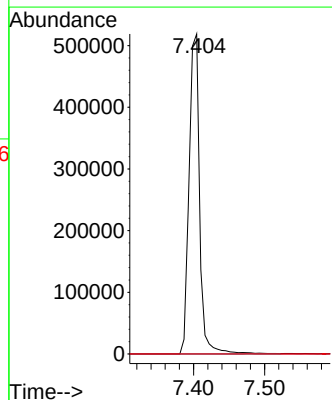
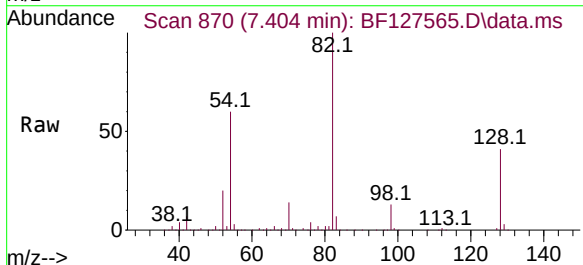
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

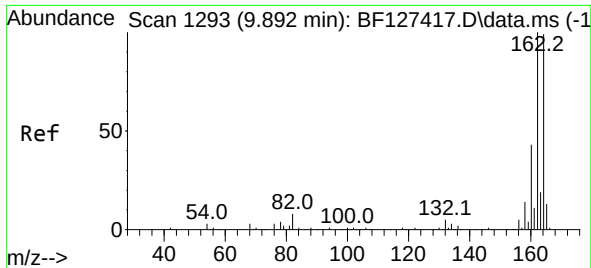
Tgt Ion: 82 Resp: 532765
Ion Ratio Lower Upper
82 100
128 40.6 30.6 45.8
54 60.4 48.2 72.2



#25
Isophorone
Concen: 50.921 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.259 min
Lab File: BF127565.D
Acq: 29 Mar 2022 15:06

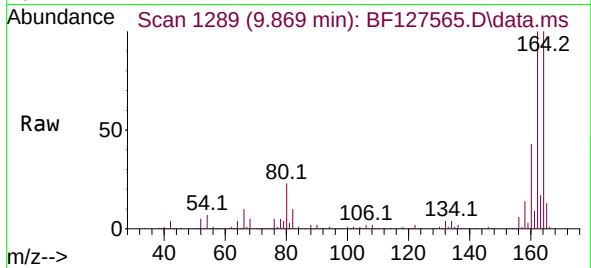
Tgt Ion: 82 Resp: 532760
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#



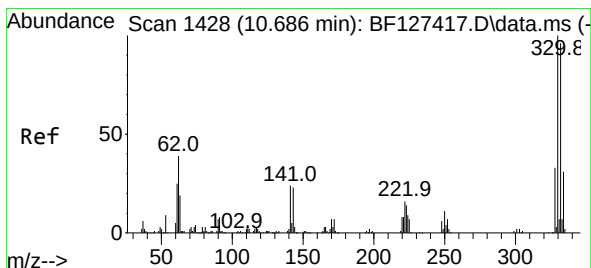
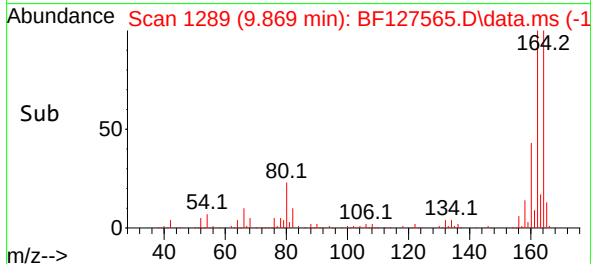
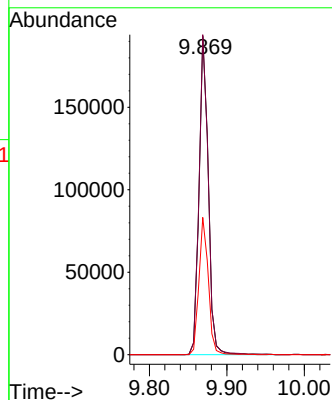


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127565.D
Acq: 29 Mar 2022 15:06

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

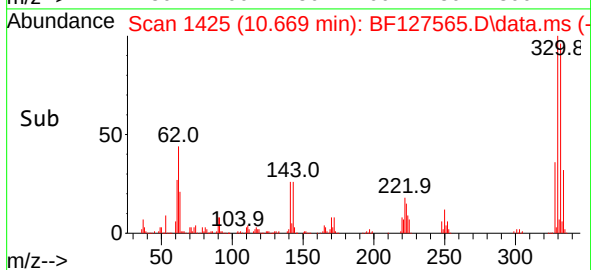
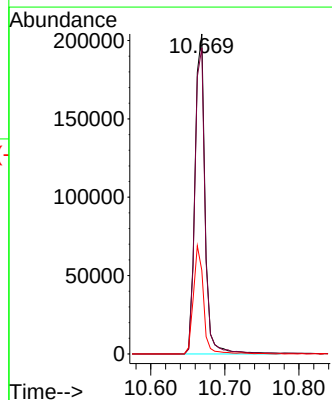
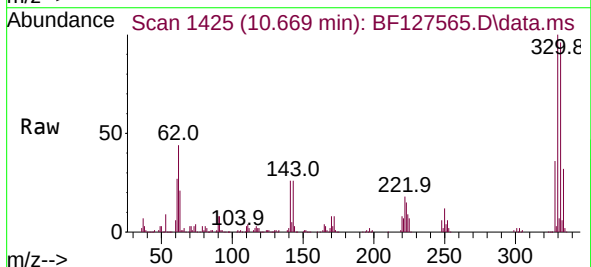


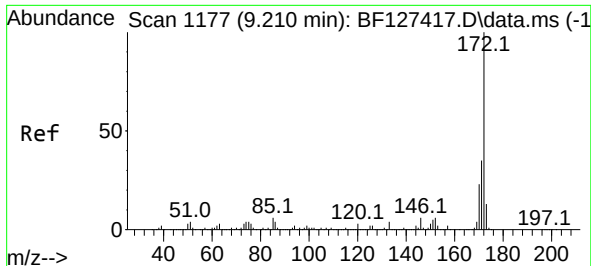
Tgt Ion:164 Resp: 159551
Ion Ratio Lower Upper
164 100
162 100.5 81.2 121.8
160 43.1 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 112.998 ng
RT: 10.669 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF127565.D
Acq: 29 Mar 2022 15:06

Tgt Ion:330 Resp: 192054
Ion Ratio Lower Upper
330 100
332 96.4 79.1 118.7
141 33.7 26.2 39.4

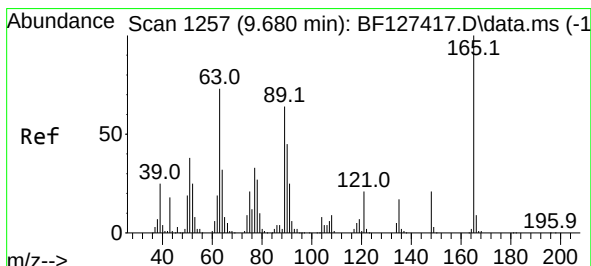
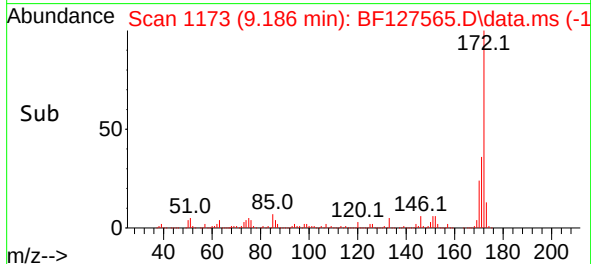
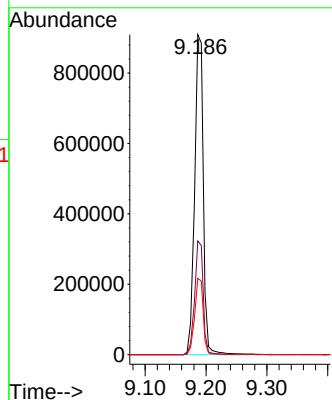
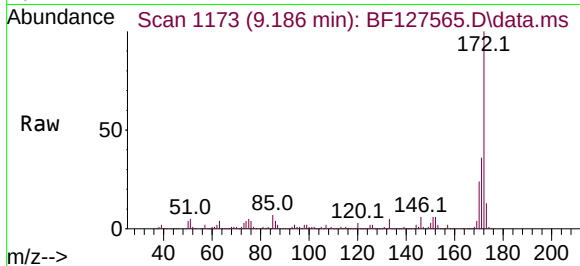




#45
2-Fluorobiphenyl
Concen: 82.881 ng
RT: 9.186 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF127565.D
Acq: 29 Mar 2022 15:06

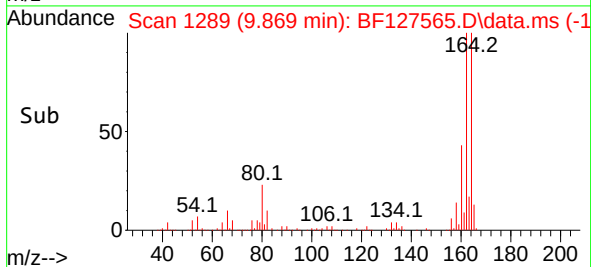
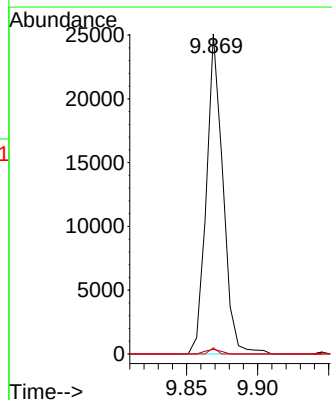
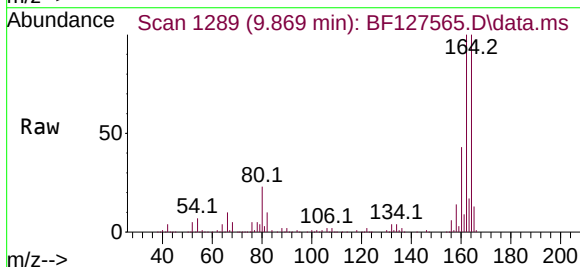
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ClientSampleId :
CONCRETE-PILE

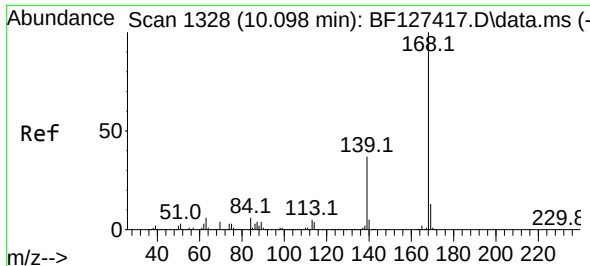
Tgt Ion:172 Resp: 905589
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.8 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.715 ng
RT: 9.869 min Scan# 1289
Delta R.T. 0.200 min
Lab File: BF127565.D
Acq: 29 Mar 2022 15:06

Tgt Ion:165 Resp: 20306
Ion Ratio Lower Upper
165 100
63 1.5 58.3 87.5#
89 2.0 51.5 77.3#

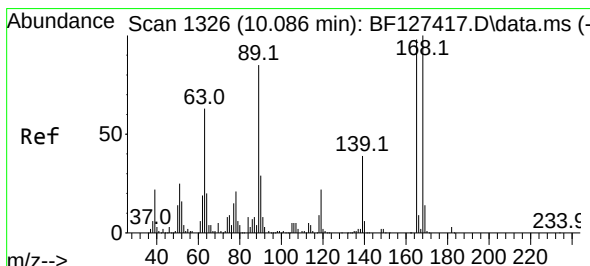
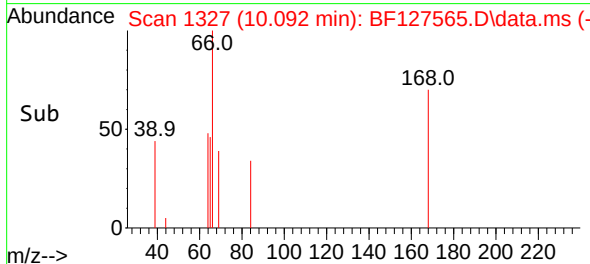
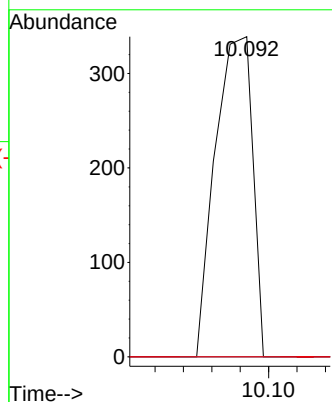
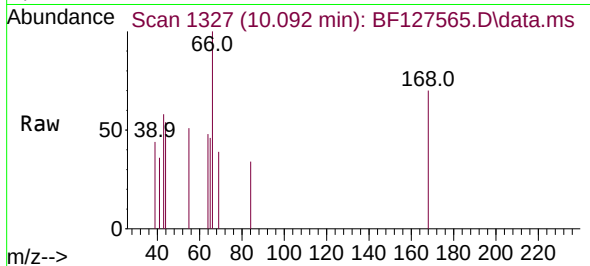




#55
Dibenzenofuran
Concen: Below Cal
RT: 10.092 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF127565.D
Acq: 29 Mar 2022 15:06

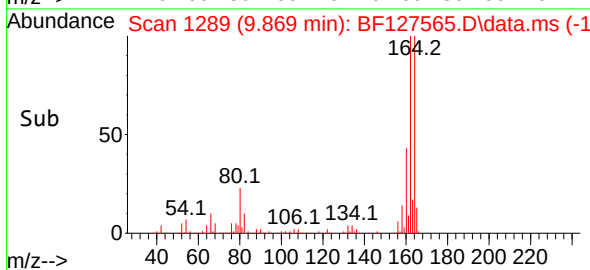
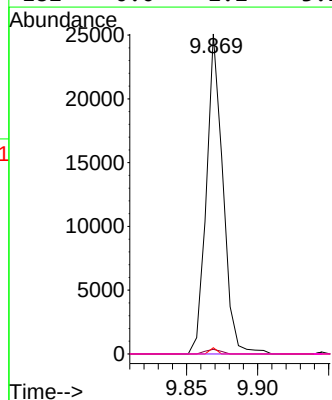
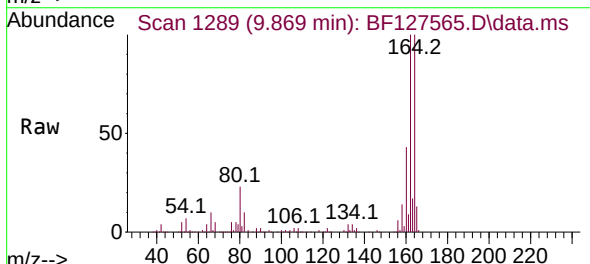
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

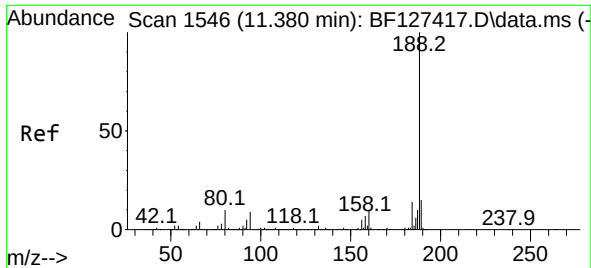
Tgt Ion:168 Resp: 310
Ion Ratio Lower Upper
168 100
139 0.0 30.3 45.5#
169 0.0 10.8 16.2#



#57
2,4-Dinitrotoluene
Concen: 6.771 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.206 min
Lab File: BF127565.D
Acq: 29 Mar 2022 15:06

Tgt Ion:165 Resp: 20306
Ion Ratio Lower Upper
165 100
63 1.5 53.1 79.7#
89 2.0 69.2 103.8#
182 0.0 2.2 3.2#

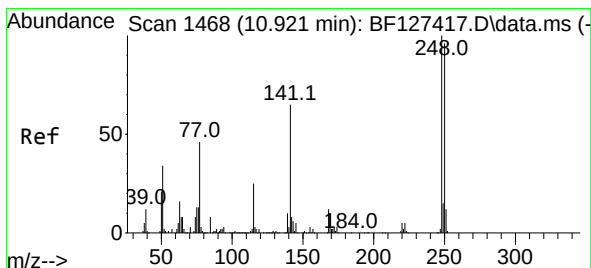
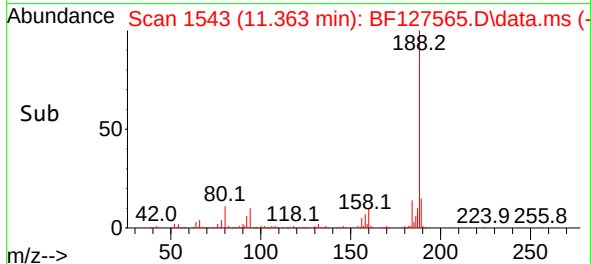
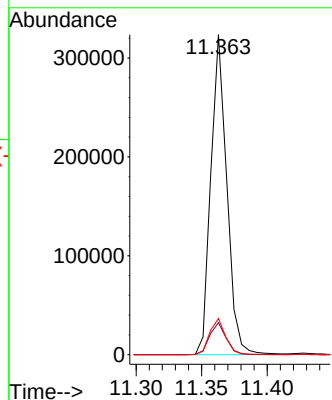
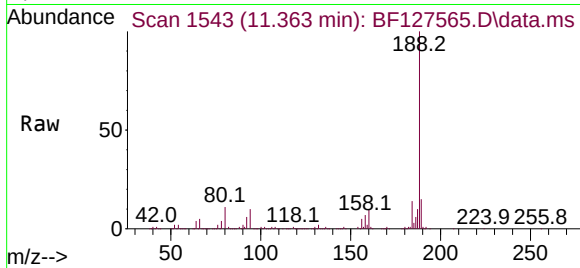




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127565.D
Acq: 29 Mar 2022 15:06

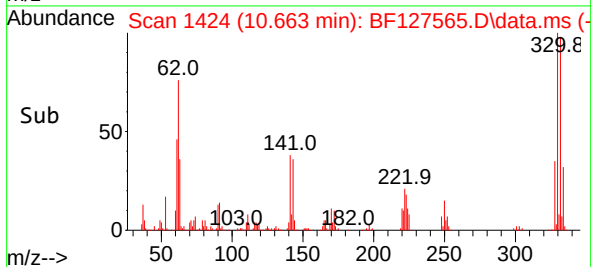
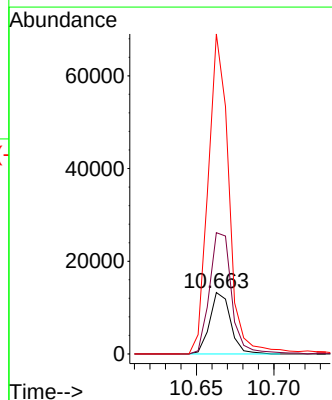
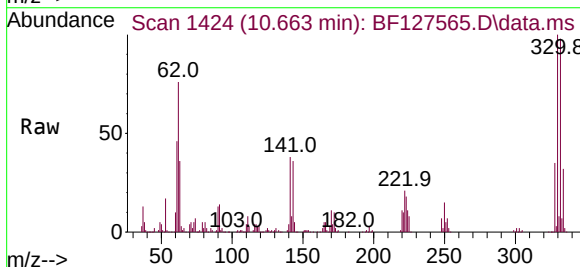
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

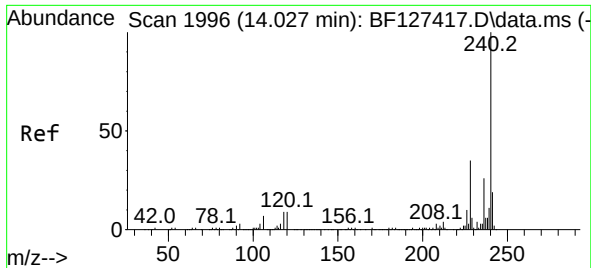
Tgt Ion:188 Resp: 274839
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.0
80 11.3 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 3.854 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.241 min
Lab File: BF127565.D
Acq: 29 Mar 2022 15:06

Tgt Ion:248 Resp: 12366
Ion Ratio Lower Upper
248 100
250 197.6 76.6 115.0#
141 521.0 52.2 78.2#

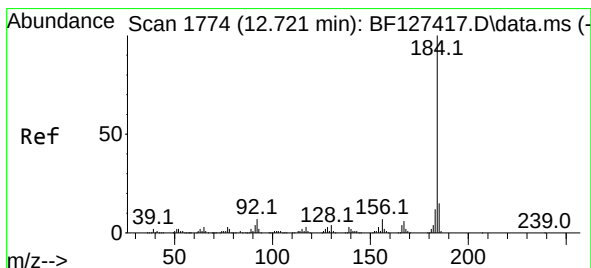
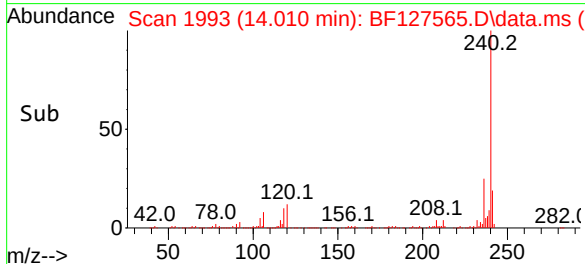
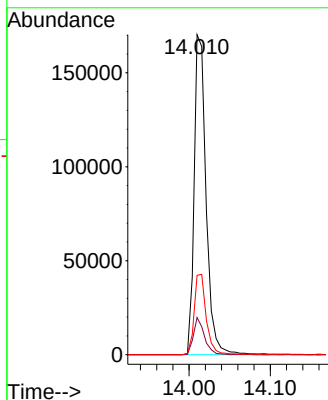
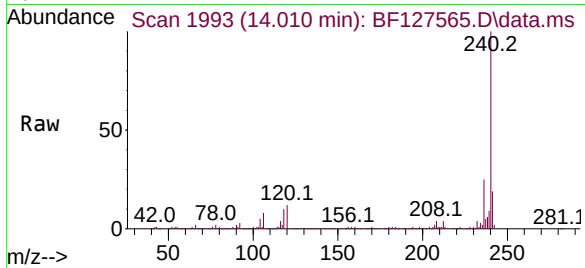




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF127565.D
Acq: 29 Mar 2022 15:06

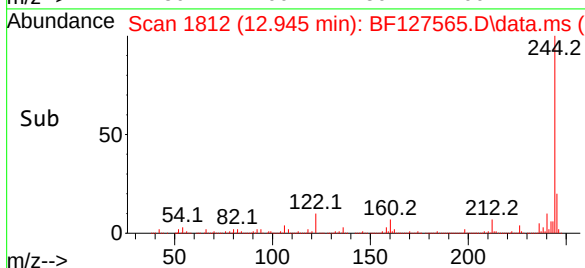
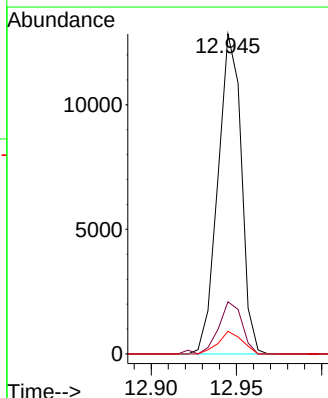
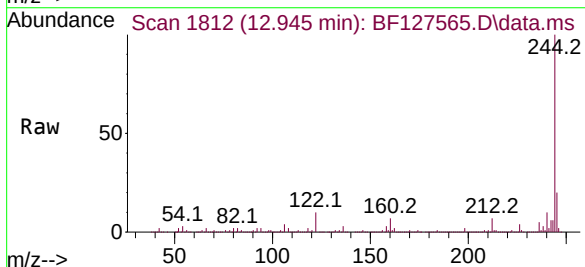
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

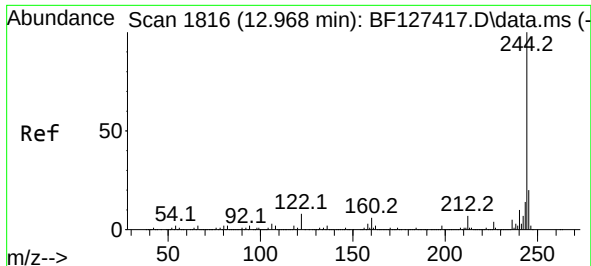
Tgt Ion:240 Resp: 175278
Ion Ratio Lower Upper
240 100
120 11.6 7.1 10.7#
236 24.8 20.7 31.1



#77
Benzidine
Concen: 2.931 ng
RT: 12.945 min Scan# 1812
Delta R.T. 0.235 min
Lab File: BF127565.D
Acq: 29 Mar 2022 15:06

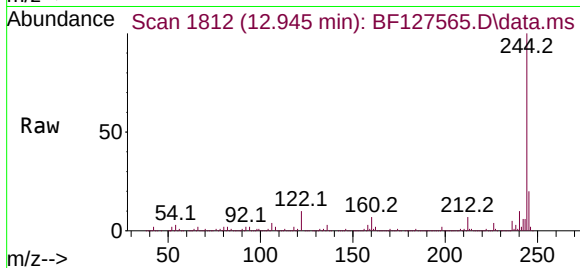
Tgt Ion:184 Resp: 12249
Ion Ratio Lower Upper
184 100
185 16.3 12.2 18.2
183 7.1 9.4 14.0#



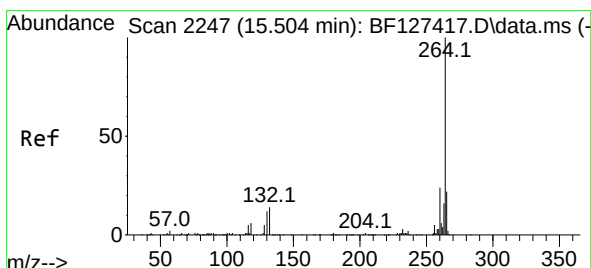
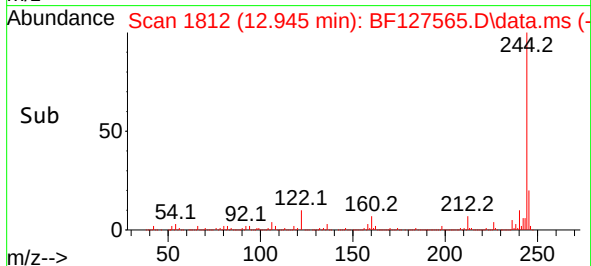
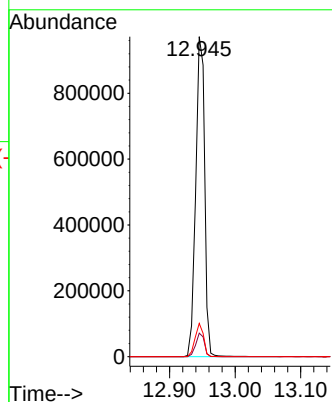


#79
 Terphenyl-d14
 Concen: 86.001 ng
 RT: 12.945 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127565.D
 Acq: 29 Mar 2022 15:06

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PILE



Tgt Ion:244 Resp: 920829
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 10.4 6.2 9.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2245
 Delta R.T. 0.000 min
 Lab File: BF127565.D
 Acq: 29 Mar 2022 15:06

Tgt Ion:264 Resp: 181536
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.1 28.7
 265 20.4 17.4 26.2

