

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062221\
 Data File : BF124419.D
 Acq On : 22 Jun 2021 19:00
 Operator : JU/CG
 Sample : M2783-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-SLAB-1-1

Quant Time: Jun 23 02:51:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 20:09:26 2021
 Response via : Initial Calibration

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

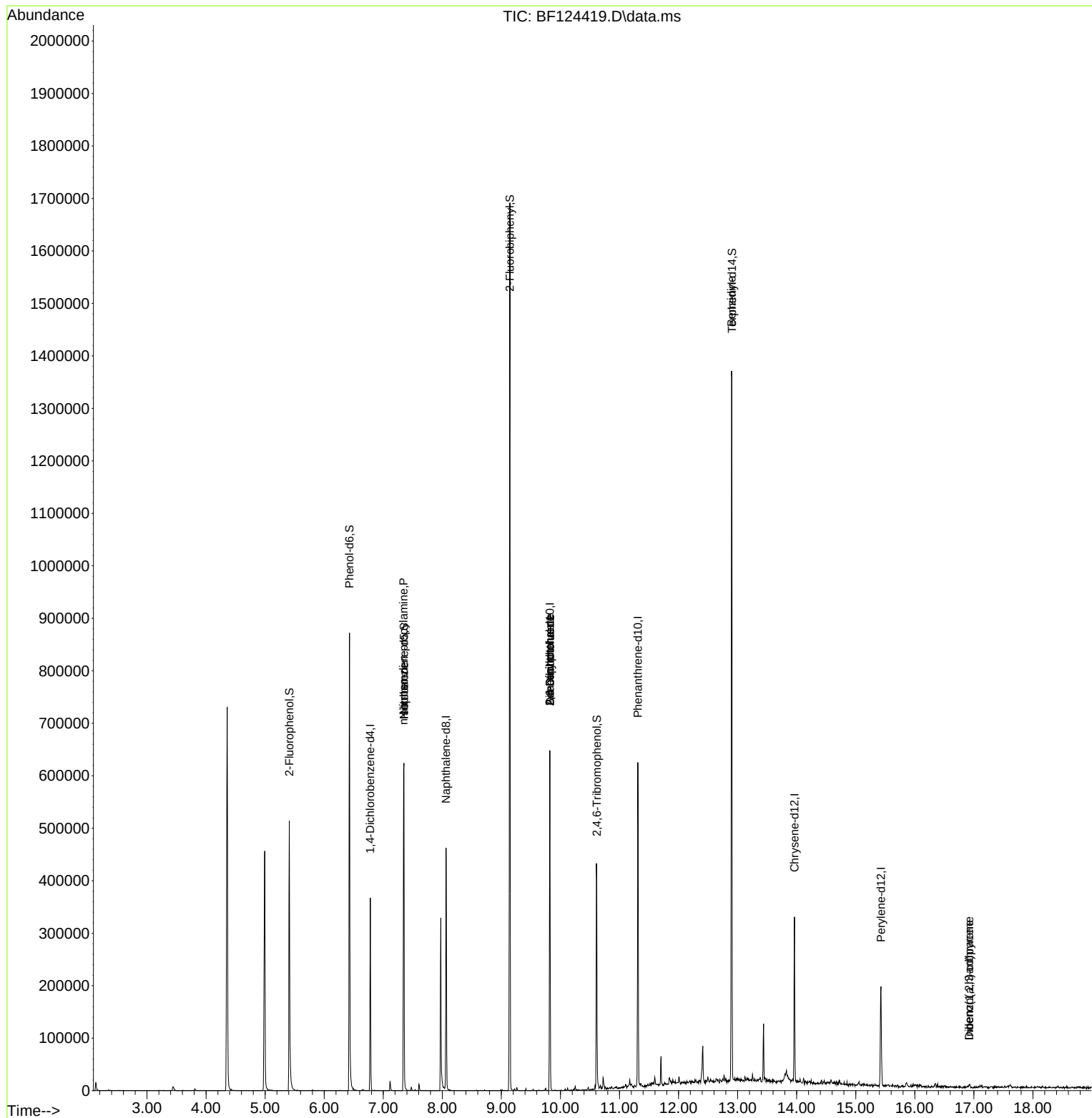
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	44623	20.00	ng	0.00
21) Naphthalene-d8	8.063	136	177330	20.00	ng	-0.01
39) Acenaphthene-d10	9.822	164	115645	20.00	ng	0.00
64) Phenanthrene-d10	11.310	188	208991	20.00	ng	0.00
76) Chrysene-d12	13.962	240	94495	20.00	ng	0.00
86) Perylene-d12	15.427	264	85619	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	126025	42.51	ng	0.00
7) Phenol-d6	6.428	99	231963	58.22	ng	-0.02
23) Nitrobenzene-d5	7.351	82	205787	46.03	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	45130	27.54	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	444868	48.41	ng	0.00
79) Terphenyl-d14	12.904	244	444860	64.64	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	28875	10.27	ng	Qvalue
25) Isophorone	7.351	82	205787	25.54	ng	# 65
50) Dimethylphthalate	9.822	163	22068	2.31	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	15144	6.90	ng	# 12
57) 2,4-Dinitrotoluene	9.822	165	15144	5.23	ng	# 17
77) Benzidine	12.898	184	7609	7.22	ng	# 87
87) Indeno(1,2,3-cd)pyrene	16.921	276	146	4.35	ng	# 53
91) Dibenzo(a,h)anthracene	16.921	278	114	4.19	ng	# 57

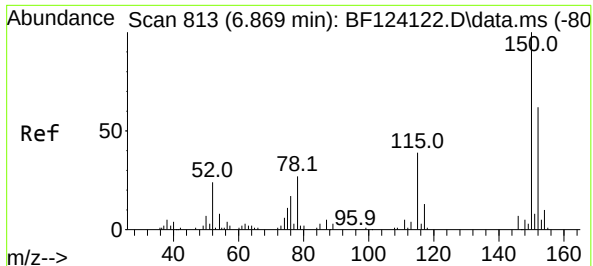
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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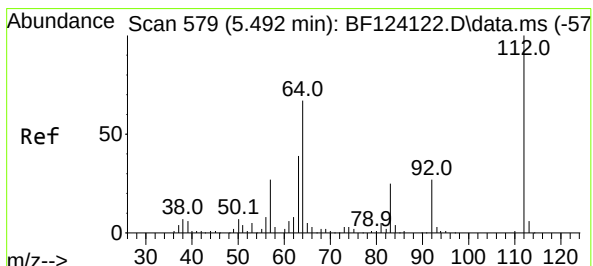
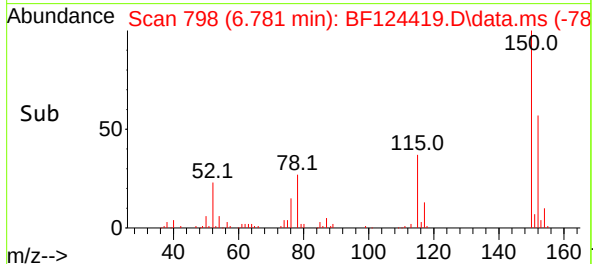
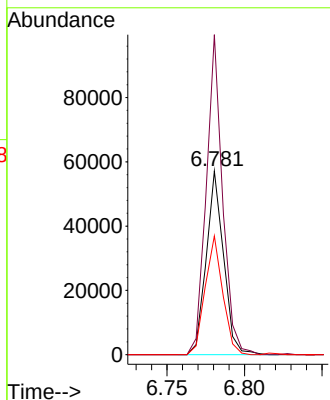
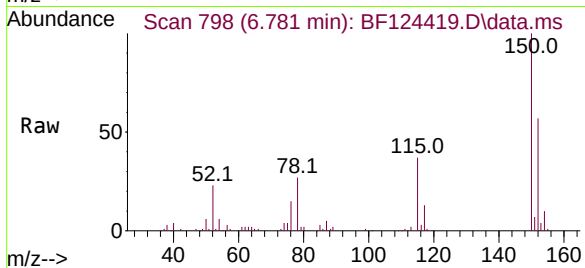




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124419.D
Acq: 22 Jun 2021 19:00

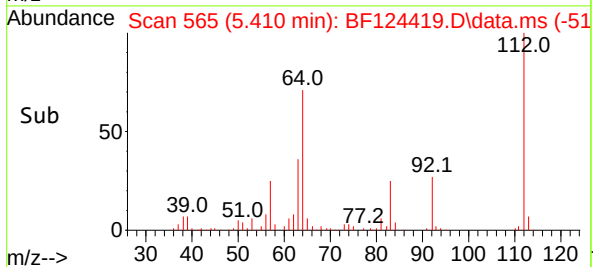
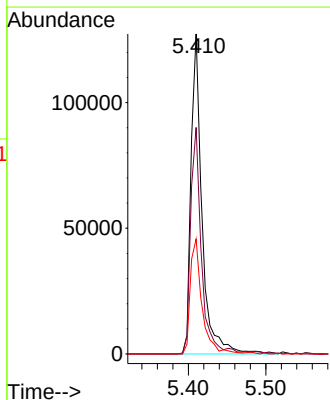
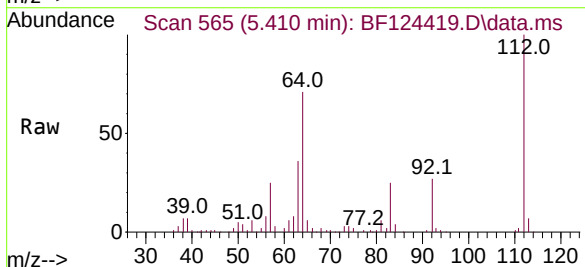
Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB-1-1

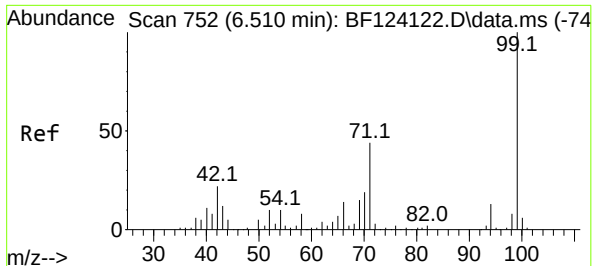
Tgt Ion:152 Resp: 44623
Ion Ratio Lower Upper
152 100
150 174.2 127.0 190.6
115 64.6 54.3 81.5



#5
2-Fluorophenol
Concen: 42.51 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124419.D
Acq: 22 Jun 2021 19:00

Tgt Ion:112 Resp: 126025
Ion Ratio Lower Upper
112 100
64 70.8 61.4 92.0
63 35.9 33.0 49.4

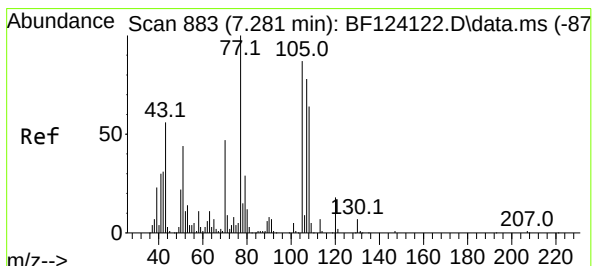
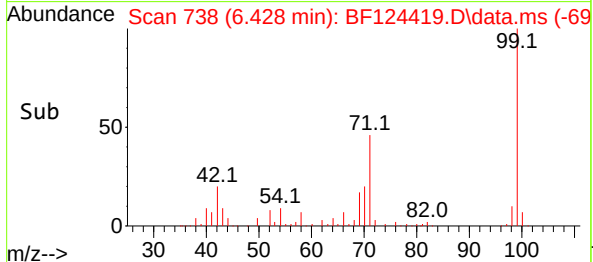
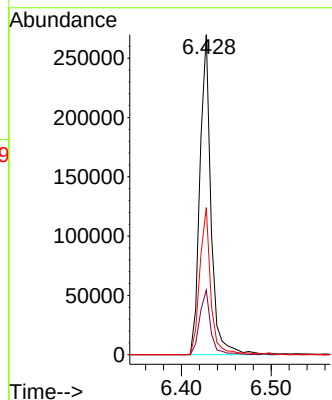
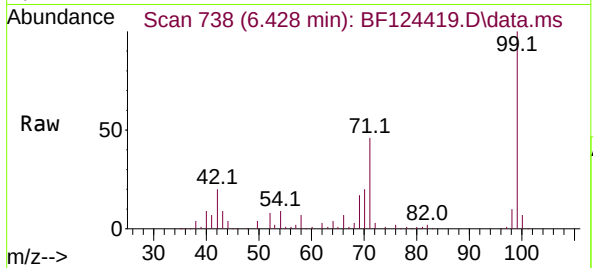




#7
Phenol-d6
Concen: 58.22 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF124419.D
Acq: 22 Jun 2021 19:00

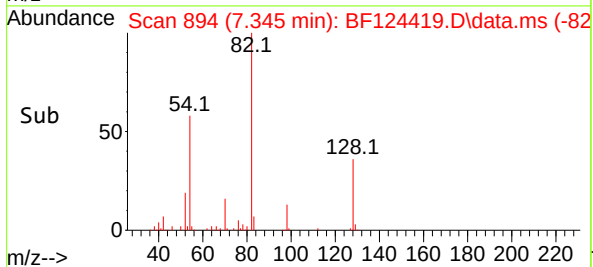
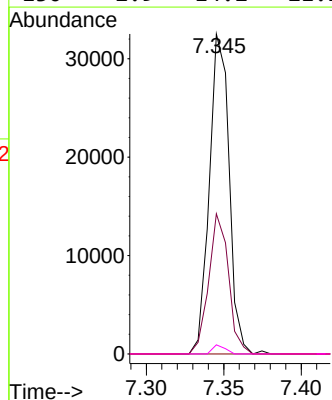
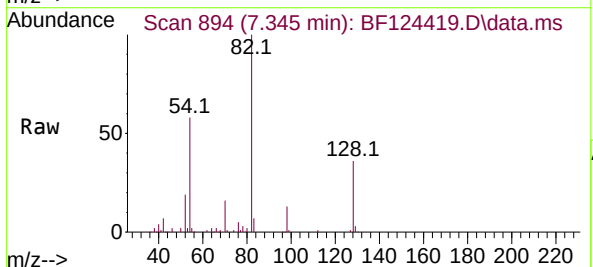
Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB-1-1

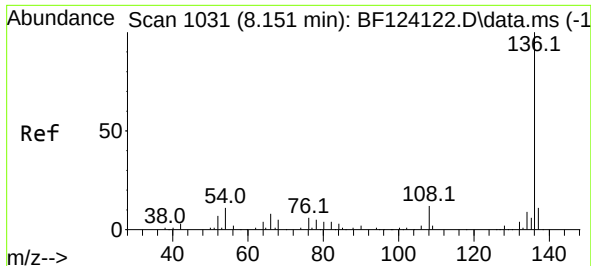
Tgt Ion: 99 Resp: 231963
Ion Ratio Lower Upper
99 100
42 20.2 19.8 29.8
71 45.9 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.27 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF124419.D
Acq: 22 Jun 2021 19:00

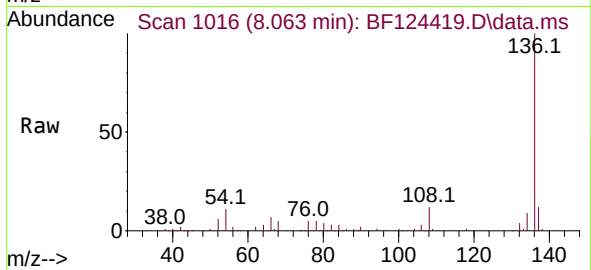
Tgt Ion: 70 Resp: 28875
Ion Ratio Lower Upper
70 100
42 43.8 60.1 90.1#
101 0.0 7.4 11.2#
130 2.9 14.2 21.2#



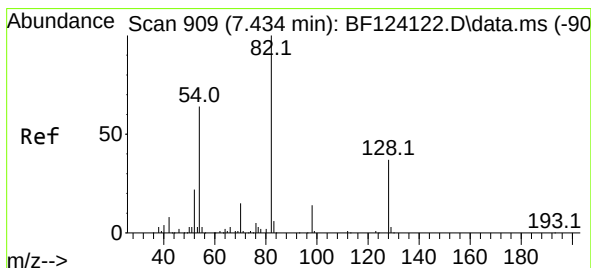
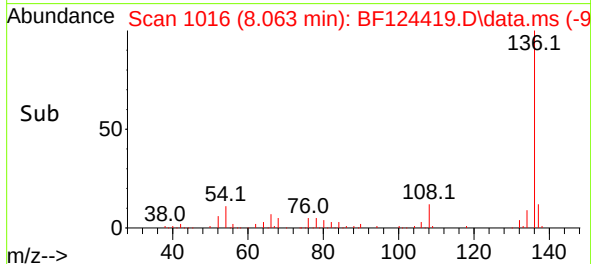
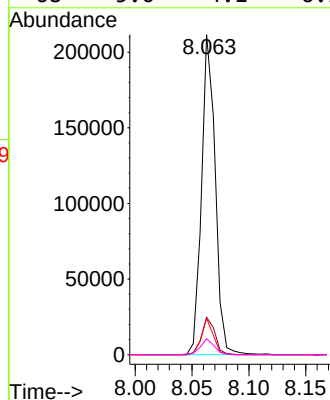


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF124419.D
Acq: 22 Jun 2021 19:00

Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB-1-1

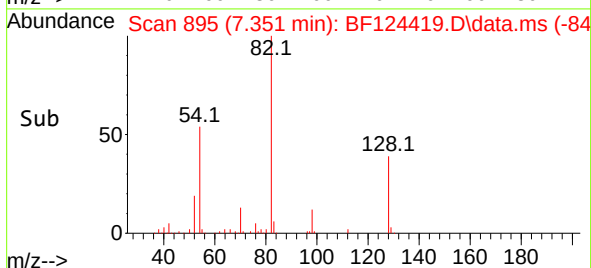
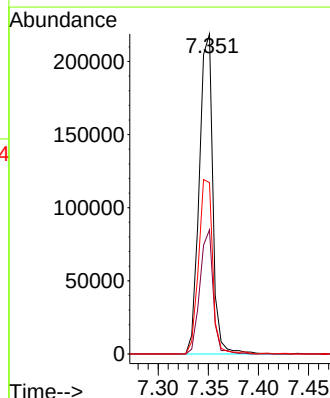
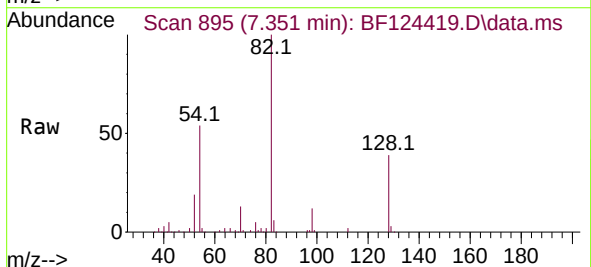


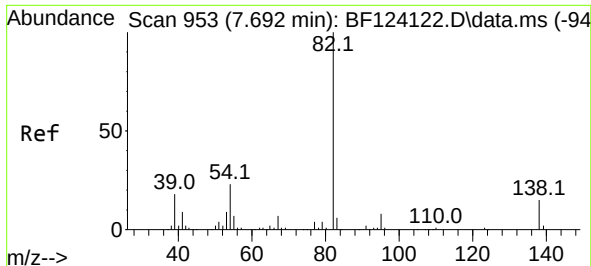
Tgt Ion:	136	Resp:	177330
Ion Ratio	Lower	Upper	
136	100		
137	11.7	8.7	13.1
54	11.4	9.8	14.6
68	5.0	4.1	6.1



#23
Nitrobenzene-d5
Concen: 46.03 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124419.D
Acq: 22 Jun 2021 19:00

Tgt Ion:	82	Resp:	205787
Ion Ratio	Lower	Upper	
82	100		
128	38.8	29.4	44.2
54	53.6	54.1	81.1#

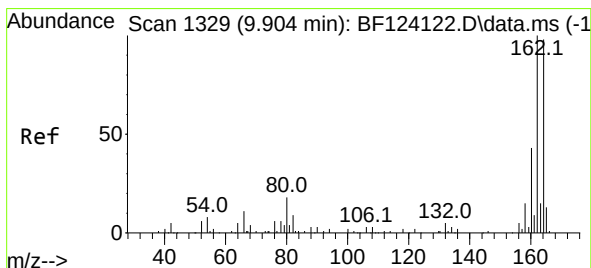
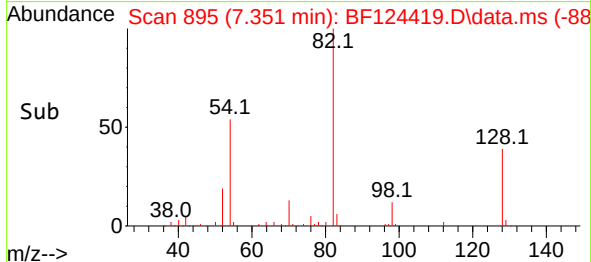
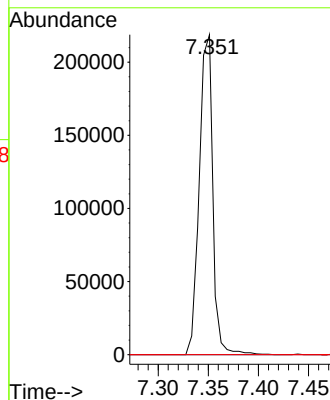
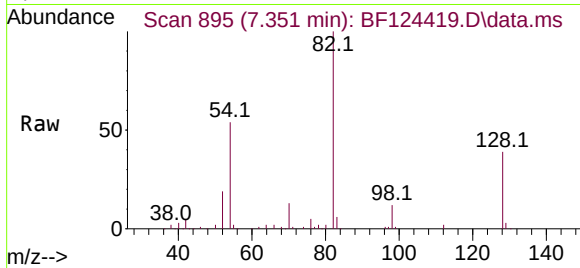




#25
Isophorone
Concen: 25.54 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124419.D
Acq: 22 Jun 2021 19:00

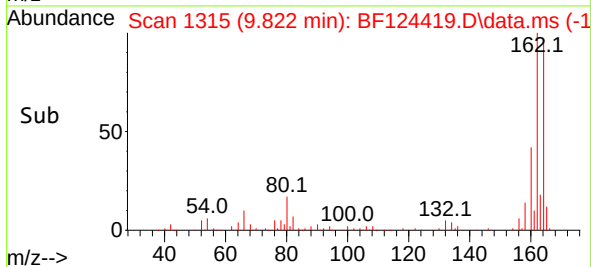
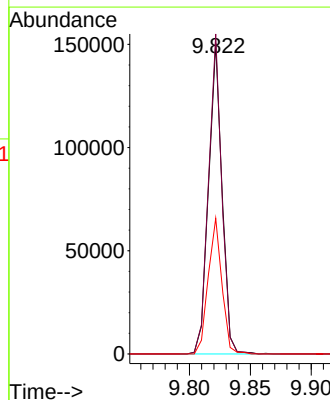
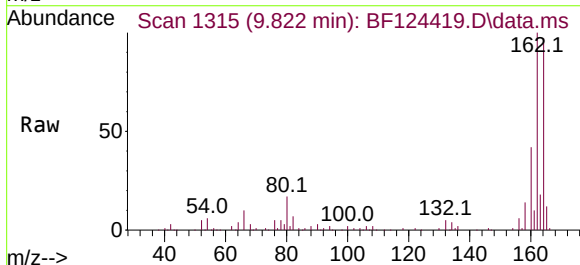
Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB-1-1

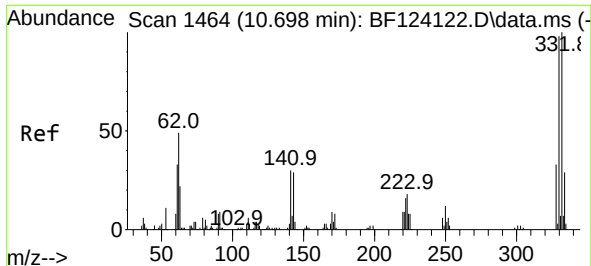
Tgt Ion: 82 Resp: 205787
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124419.D
Acq: 22 Jun 2021 19:00

Tgt Ion:164 Resp: 115645
Ion Ratio Lower Upper
164 100
162 103.0 80.7 121.1
160 43.7 37.3 55.9

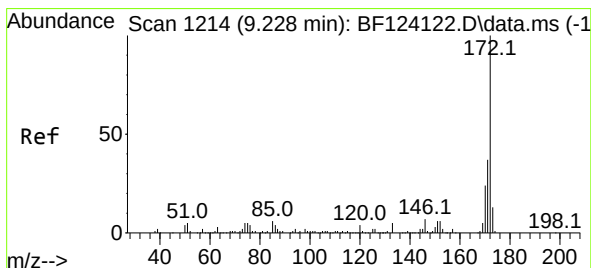
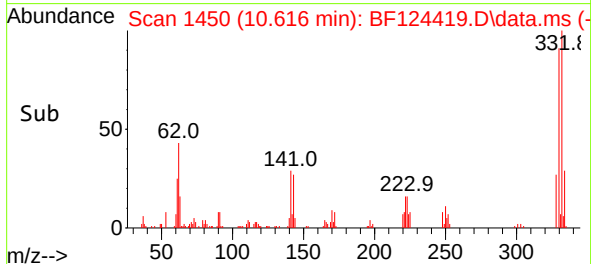
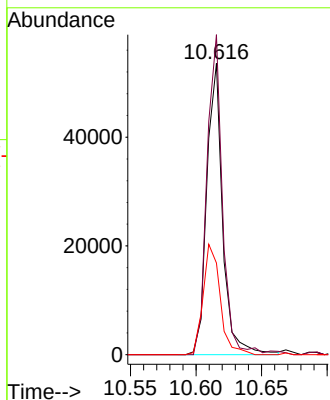
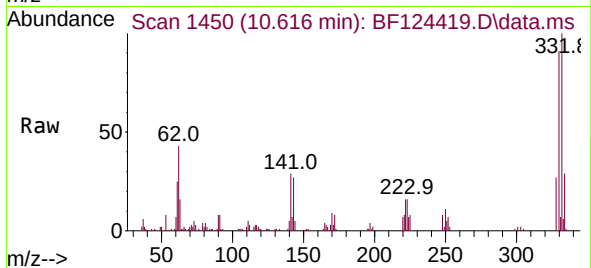




#42
2,4,6-Tribromophenol
Concen: 27.54 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124419.D
Acq: 22 Jun 2021 19:00

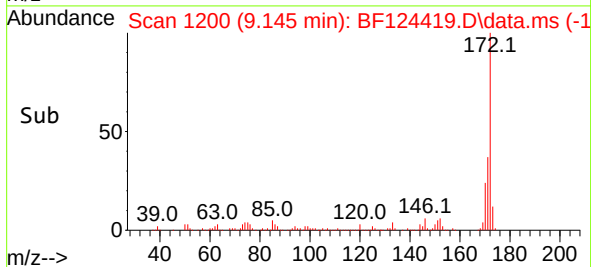
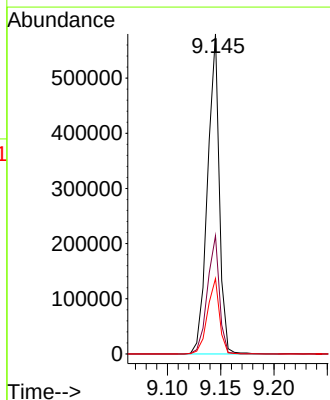
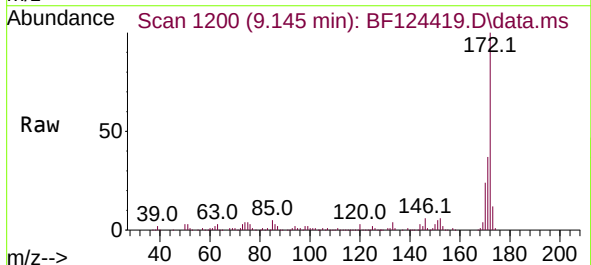
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ClientSampleId :
CONCRETE-SLAB-1-1

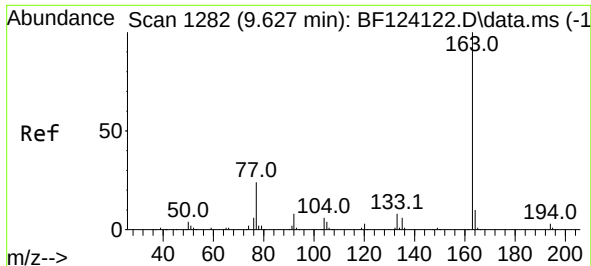
Tgt Ion: 330 Resp: 45130
Ion Ratio Lower Upper
330 100
332 107.8 77.1 115.7
141 40.9 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 48.41 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124419.D
Acq: 22 Jun 2021 19:00

Tgt Ion: 172 Resp: 444868
Ion Ratio Lower Upper
172 100
171 37.0 28.1 42.1
170 23.5 19.2 28.8

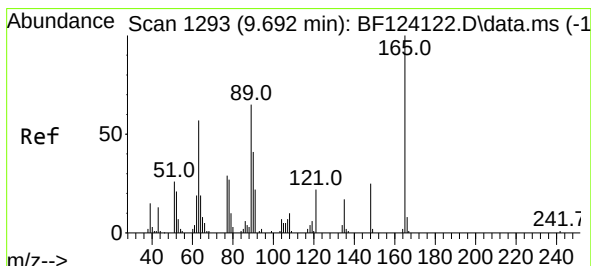
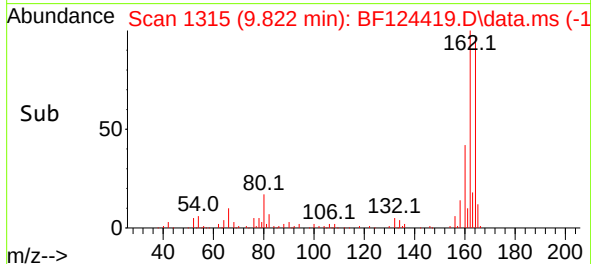
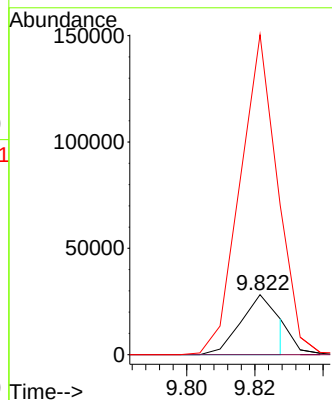
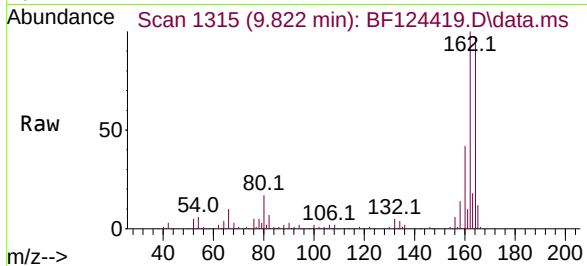




#50
Dimethylphthalate
Concen: 2.31 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124419.D
Acq: 22 Jun 2021 19:00

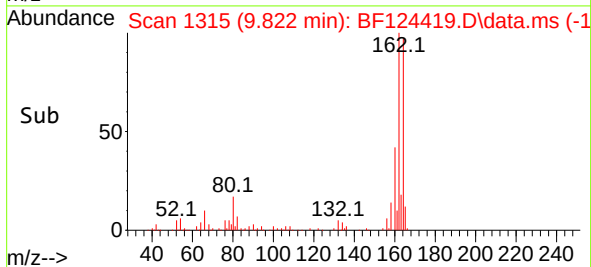
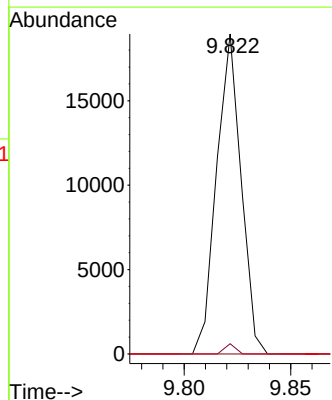
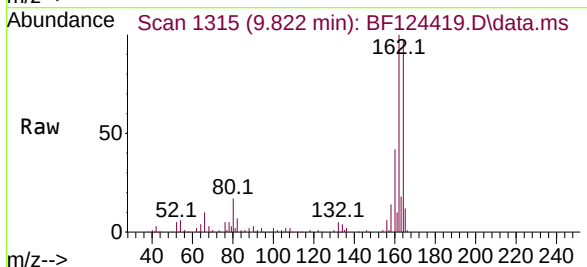
Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB-1-1

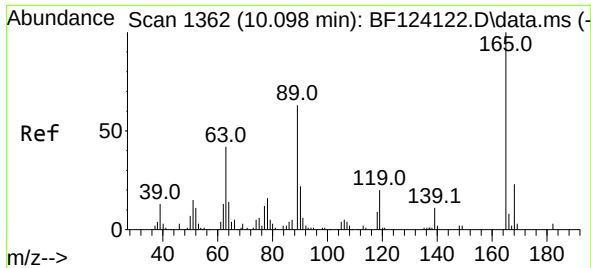
Tgt Ion:163 Resp: 22068
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 533.3 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 6.90 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124419.D
Acq: 22 Jun 2021 19:00

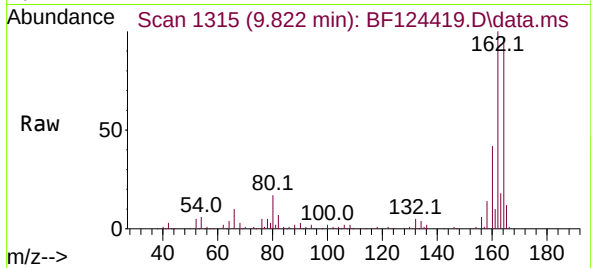
Tgt Ion:165 Resp: 15144
Ion Ratio Lower Upper
165 100
63 3.2 67.7 101.5#
89 0.0 58.8 88.2#



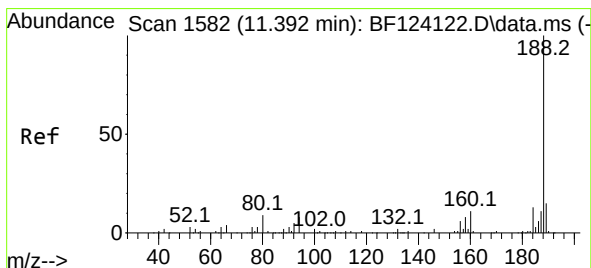
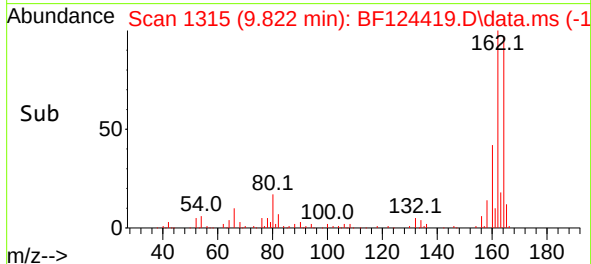
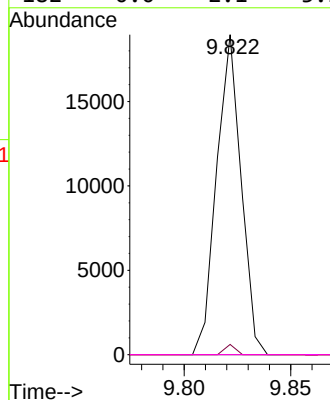


#57
2,4-Dinitrotoluene
Concen: 5.23 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124419.D
Acq: 22 Jun 2021 19:00

Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB-1-1

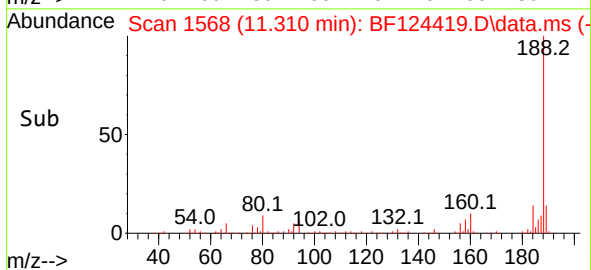
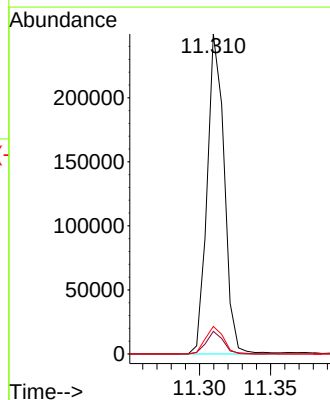
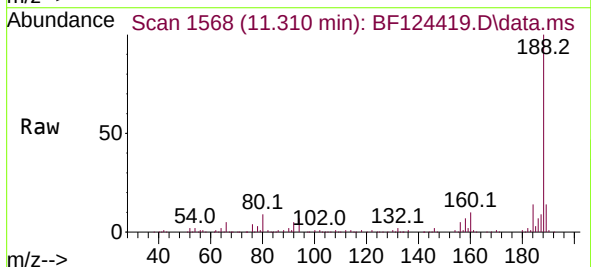


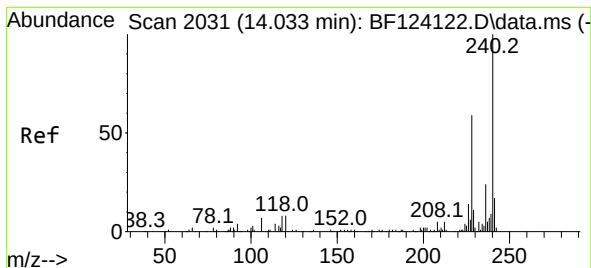
Tgt Ion:165 Resp: 15144
Ion Ratio Lower Upper
165 100
63 3.2 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124419.D
Acq: 22 Jun 2021 19:00

Tgt Ion:188 Resp: 208991
Ion Ratio Lower Upper
188 100
94 7.0 6.9 10.3
80 8.6 8.2 12.2

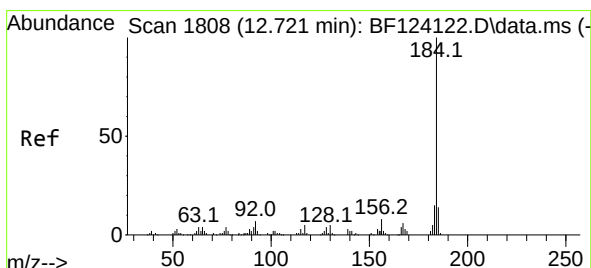
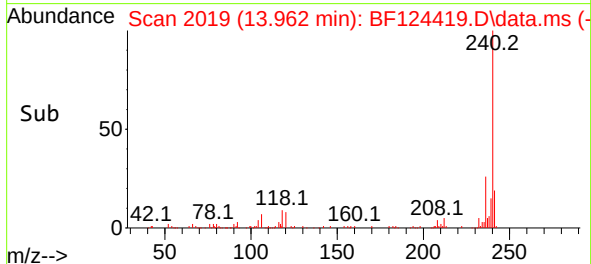
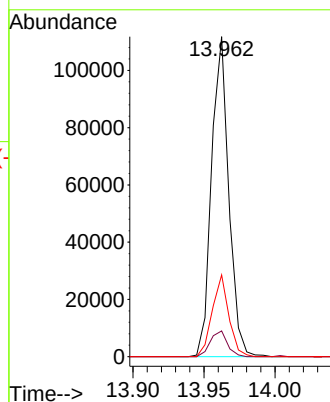
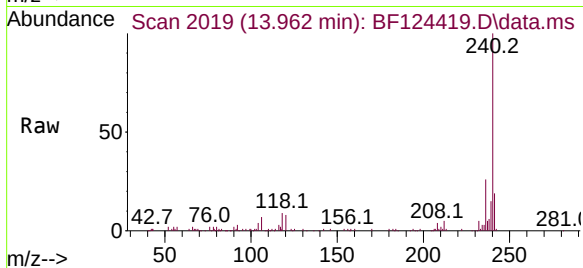




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF124419.D
Acq: 22 Jun 2021 19:00

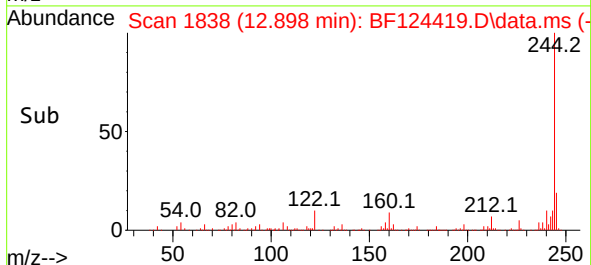
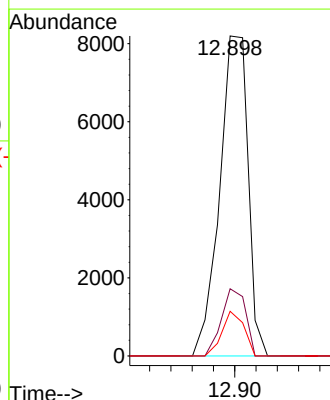
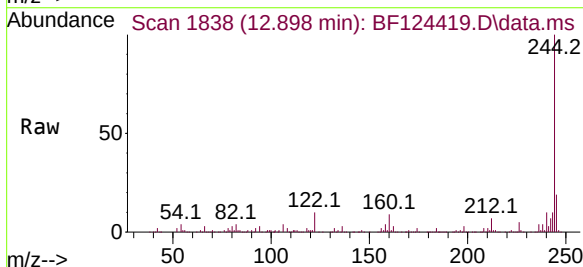
Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB-1-1

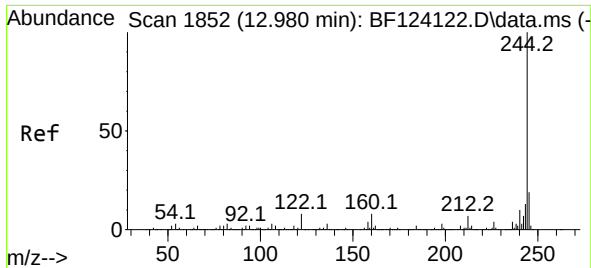
Tgt Ion:240 Resp: 94495
Ion Ratio Lower Upper
240 100
120 8.1 7.2 10.8
236 25.5 19.0 28.4



#77
Benzidine
Concen: 7.22 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.200 min
Lab File: BF124419.D
Acq: 22 Jun 2021 19:00

Tgt Ion:184 Resp: 7609
Ion Ratio Lower Upper
184 100
185 21.0 12.1 18.1#
183 14.0 7.8 11.8#

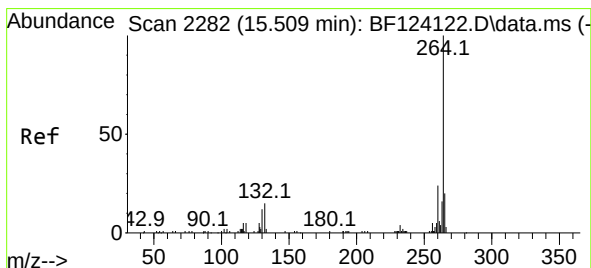
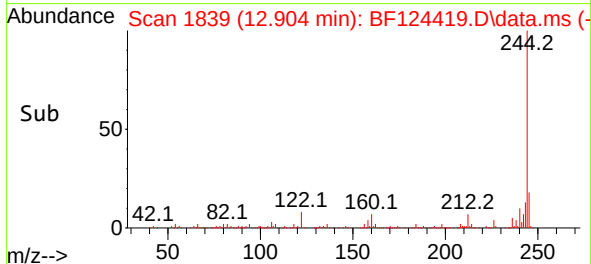
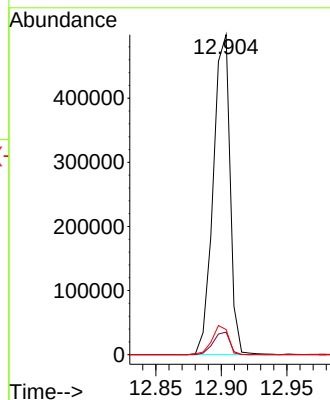
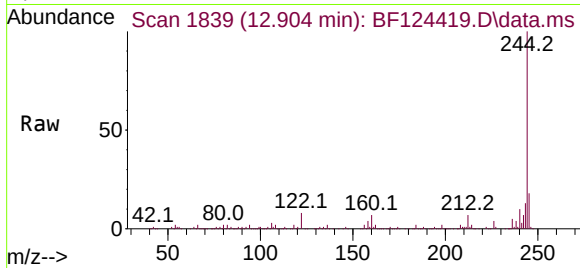




#79
 Terphenyl-d14
 Concen: 64.64 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.000 min
 Lab File: BF124419.D
 Acq: 22 Jun 2021 19:00

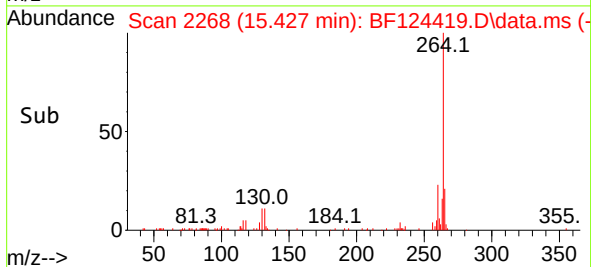
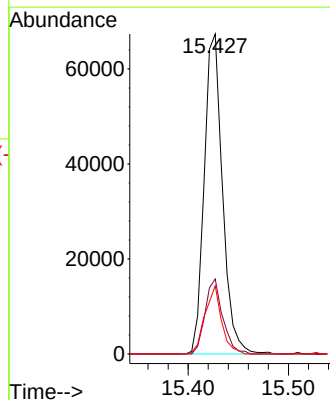
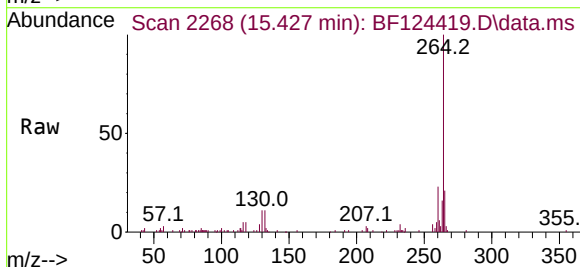
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-SLAB-1-1

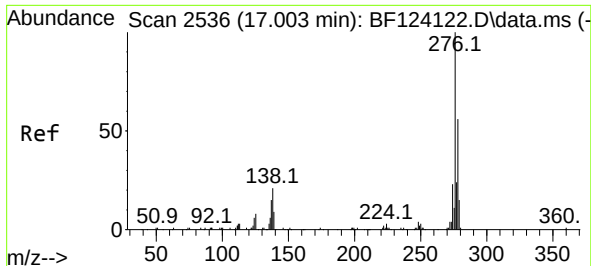
Tgt Ion:244 Resp: 444860
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 7.8 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.427 min Scan# 2268
 Delta R.T. 0.012 min
 Lab File: BF124419.D
 Acq: 22 Jun 2021 19:00

Tgt Ion:264 Resp: 85619
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 21.3 17.8 26.8

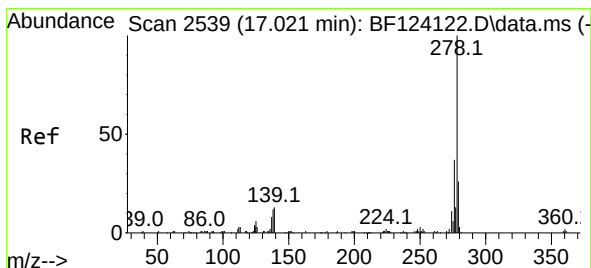
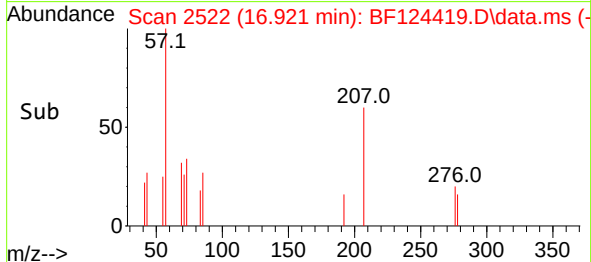
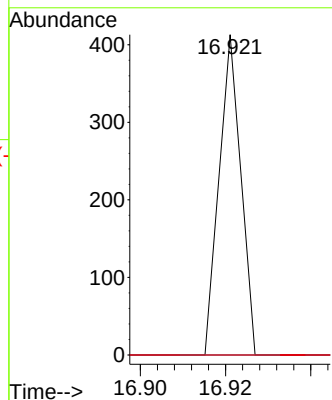
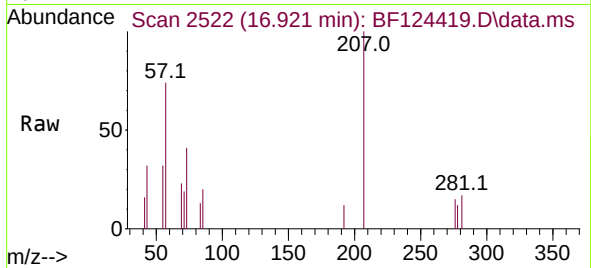




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.35 ng
RT: 16.921 min Scan# 2522
Delta R.T. 0.047 min
Lab File: BF124419.D
Acq: 22 Jun 2021 19:00

Instrument :
BNA_F
ClientSampleId :
CONCRETE-SLAB-1-1

Tgt Ion:276 Resp: 146
Ion Ratio Lower Upper
276 100
138 0.0 16.2 24.2#
277 0.0 20.1 30.1#



#91
Dibenzo(a,h)anthracene
Concen: 4.19 ng
RT: 16.921 min Scan# 2522
Delta R.T. 0.035 min
Lab File: BF124419.D
Acq: 22 Jun 2021 19:00

Tgt Ion:278 Resp: 114
Ion Ratio Lower Upper
278 100
139 0.0 10.2 15.2#
279 0.0 19.4 29.0#

