

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062121\
 Data File : BF124403.D
 Acq On : 21 Jun 2021 20:36
 Operator : JU/CG
 Sample : M2775-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PILE

Quant Time: Jun 22 01:33:40 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)

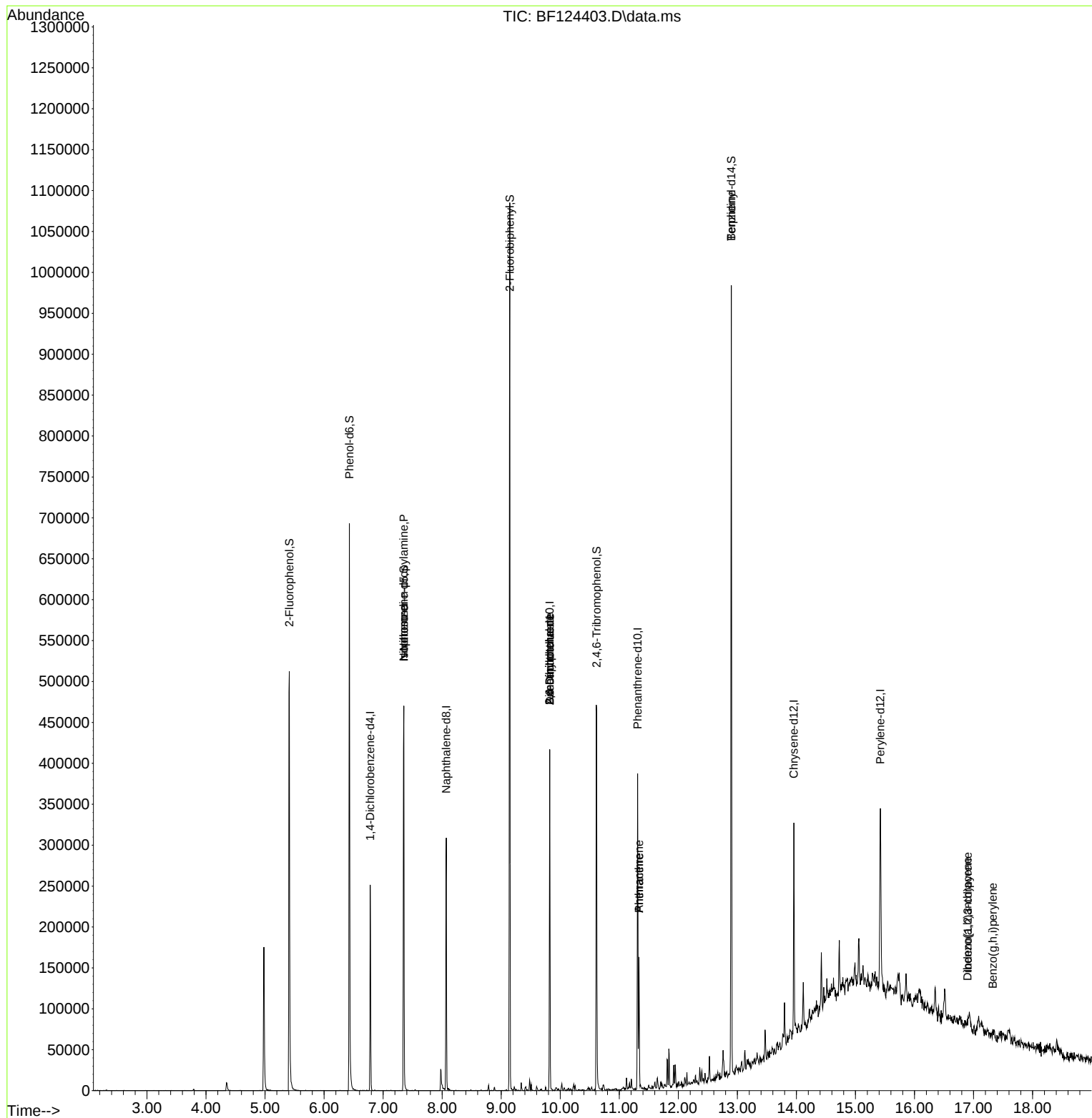
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	31902	20.00	ng	0.00
21) Naphthalene-d8	8.069	136	122798	20.00	ng	# 0.00
39) Acenaphthene-d10	9.822	164	69978	20.00	ng	0.00
64) Phenanthrene-d10	11.310	188	122948	20.00	ng	0.00
76) Chrysene-d12	13.957	240	73840	20.00	ng	0.00
86) Perylene-d12	15.421	264	79874	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	130672	61.66	ng	0.00
7) Phenol-d6	6.428	99	179187	62.90	ng	-0.02
23) Nitrobenzene-d5	7.351	82	143589	46.38	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	55175	55.65	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	282978	50.89	ng	0.00
79) Terphenyl-d14	12.898	244	262817	48.87	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	20376	10.13	ng	# 61
25) Isophorone	7.351	82	143587	25.74	ng	# 69
50) Dimethylphthalate	9.822	163	13645	2.36	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	9517	7.17	ng	# 11
57) 2,4-Dinitrotoluene	9.822	165	9517	5.44	ng	# 17
71) Phenanthrene	11.333	178	53573	6.98	ng	95
72) Anthracene	11.333	178	53573	6.93	ng	95
77) Benzidine	12.898	184	4197	6.29	ng	# 83
87) Indeno(1,2,3-cd)pyrene	16.903	276	117	4.35	ng	# 1
91) Dibenzo(a,h)anthracene	16.898	278	310	4.22	ng	# 1
92) Benzo(g,h,i)perylene	17.327	276	731	3.93	ng	# 1

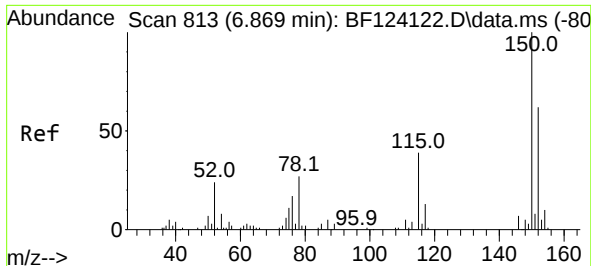
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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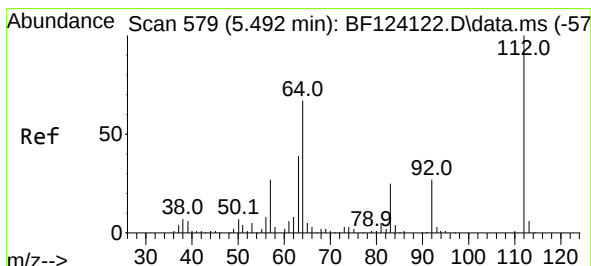
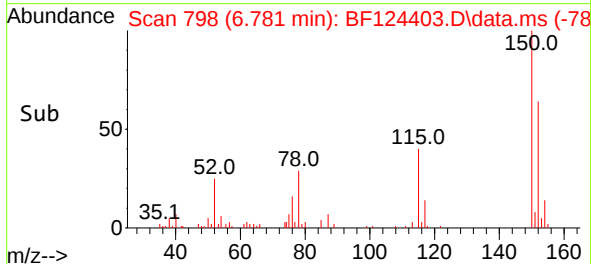
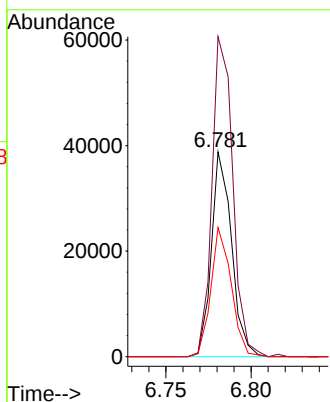
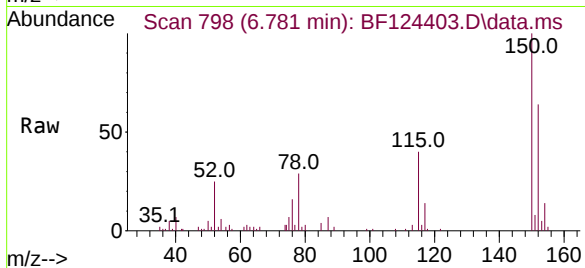




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124403.D
Acq: 21 Jun 2021 20:36

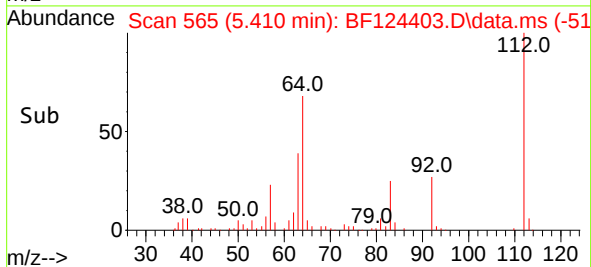
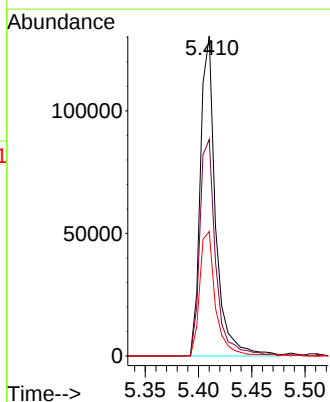
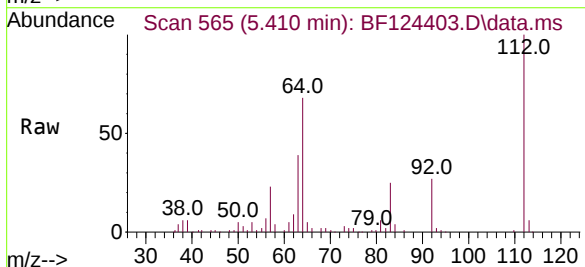
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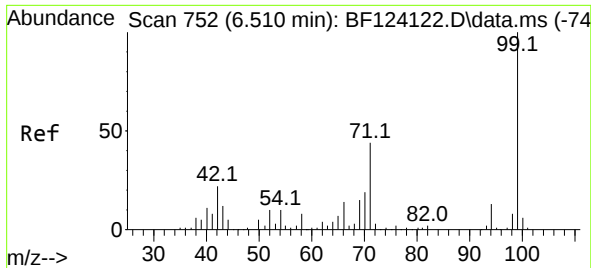
Tgt Ion:152 Resp: 31902
Ion Ratio Lower Upper
152 100
150 156.3 127.0 190.6
115 63.1 54.3 81.5



#5
2-Fluorophenol
Concen: 61.66 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.006 min
Lab File: BF124403.D
Acq: 21 Jun 2021 20:36

Tgt Ion:112 Resp: 130672
Ion Ratio Lower Upper
112 100
64 67.7 61.4 92.0
63 38.9 33.0 49.4

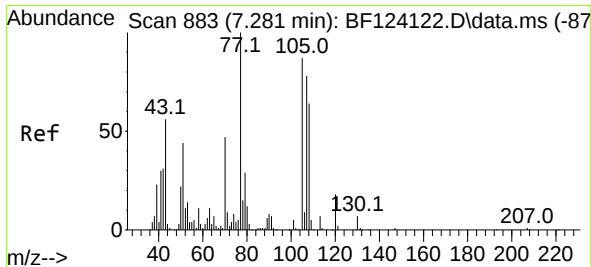
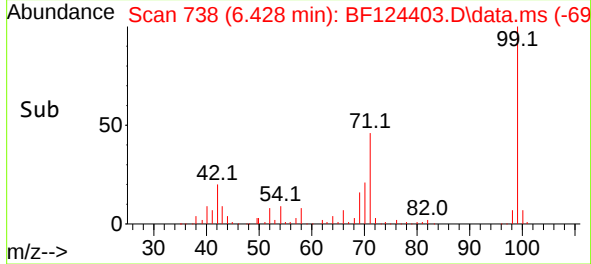
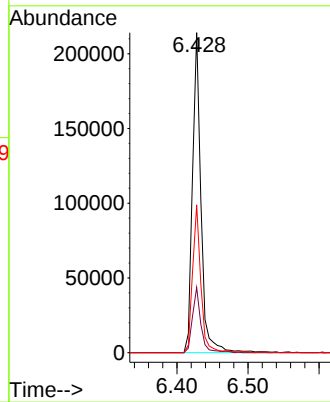
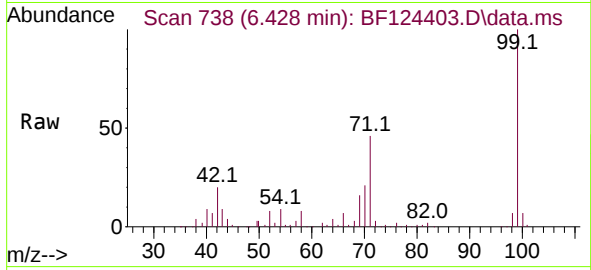




#7
Phenol-d6
Concen: 62.90 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF124403.D
Acq: 21 Jun 2021 20:36

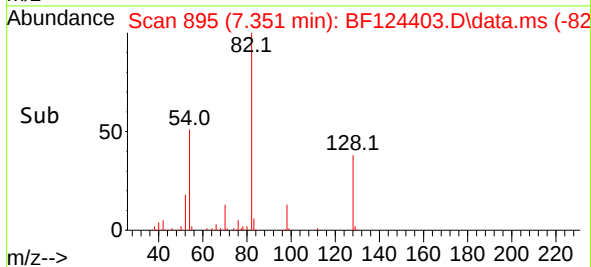
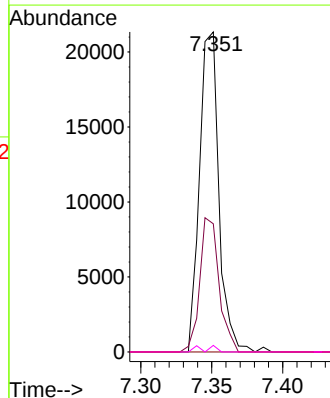
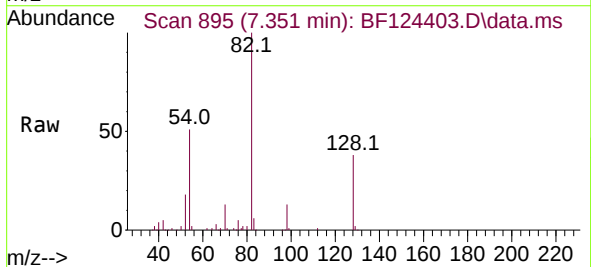
Instrument :
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ClientSampleId :
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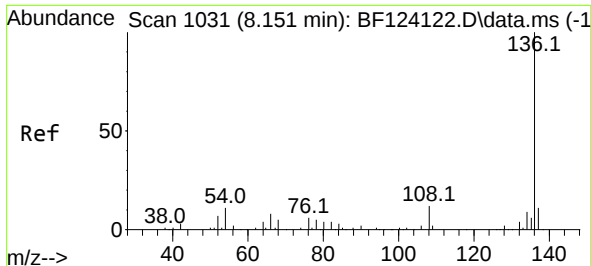
Tgt Ion: 99 Resp: 179187
Ion Ratio Lower Upper
99 100
42 20.4 19.8 29.8
71 46.2 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.13 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124403.D
Acq: 21 Jun 2021 20:36

Tgt Ion: 70 Resp: 20376
Ion Ratio Lower Upper
70 100
42 40.0 60.1 90.1#
101 0.0 7.4 11.2#
130 2.1 14.2 21.2#

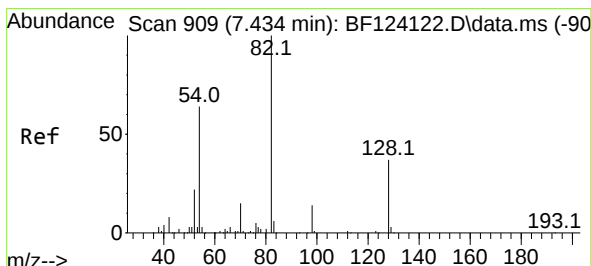
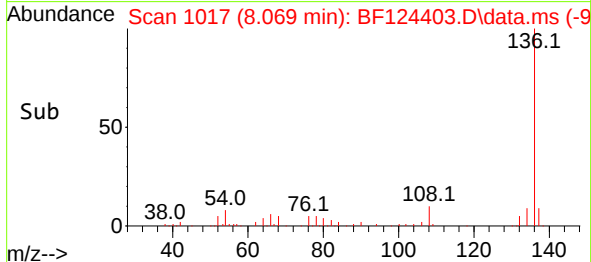
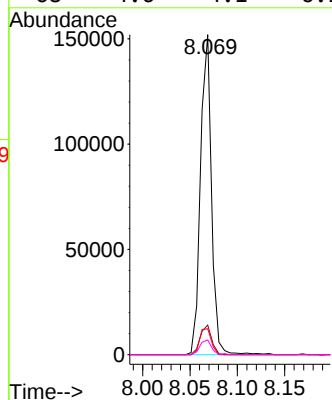
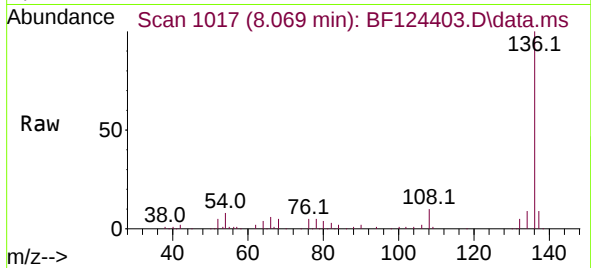




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124403.D
Acq: 21 Jun 2021 20:36

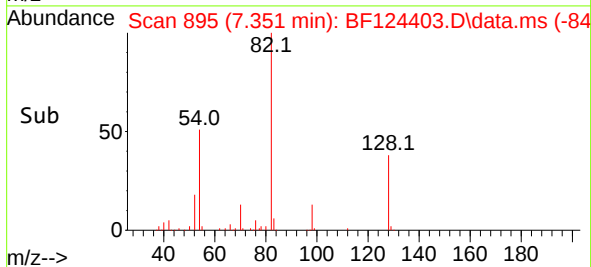
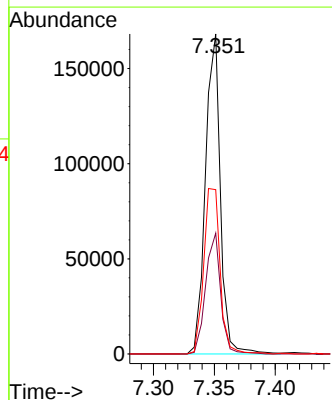
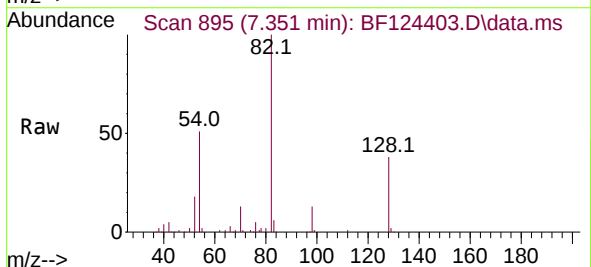
Instrument :
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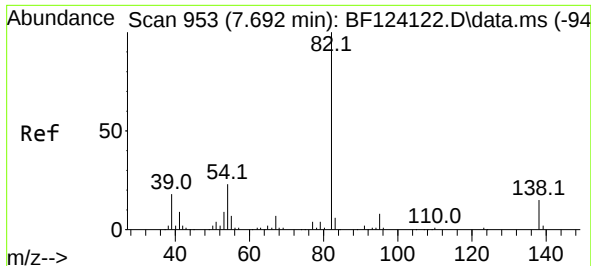
Tgt Ion:136	Resp: 122798
Ion Ratio	Lower Upper
136	100
137	9.3 8.7 13.1
54	8.1 9.8 14.6#
68	4.6 4.1 6.1



#23
Nitrobenzene-d5
Concen: 46.38 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124403.D
Acq: 21 Jun 2021 20:36

Tgt Ion: 82	Resp: 143589
Ion Ratio	Lower Upper
82	100
128	37.8 29.4 44.2
54	51.3 54.1 81.1#

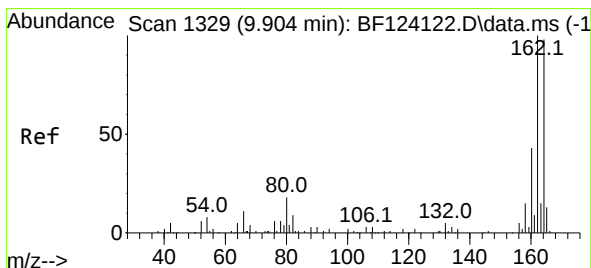
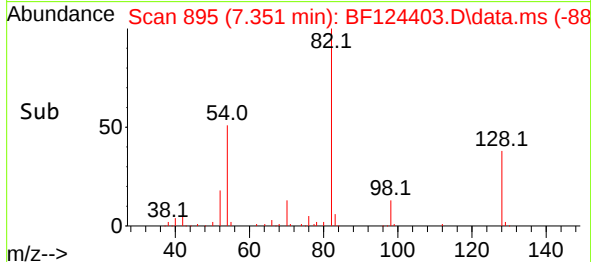
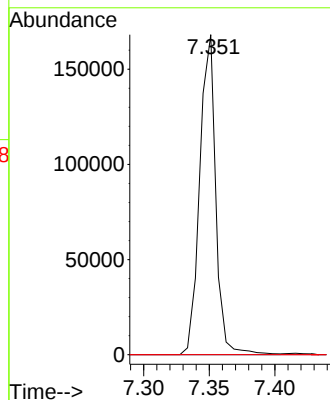
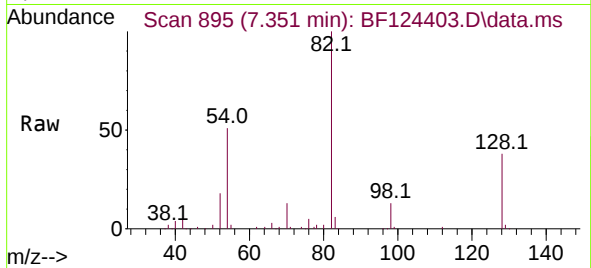




#25
Isophorone
Concen: 25.74 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124403.D
Acq: 21 Jun 2021 20:36

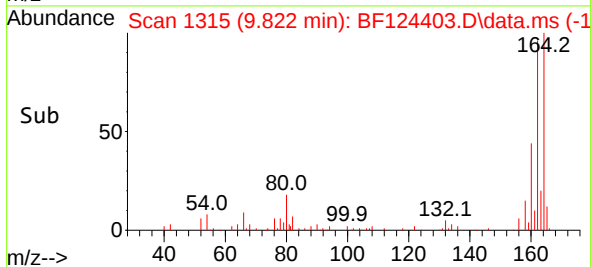
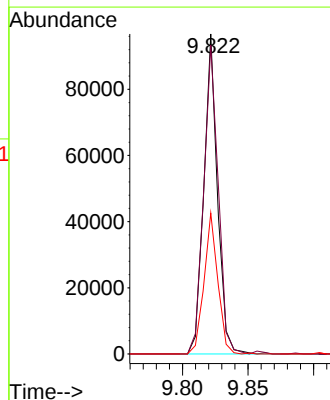
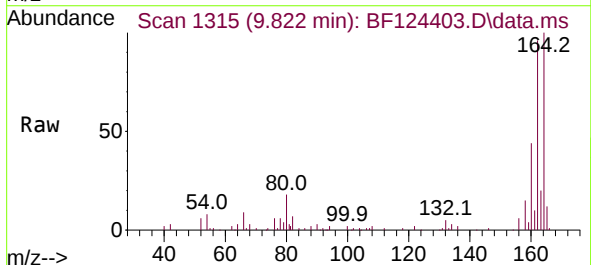
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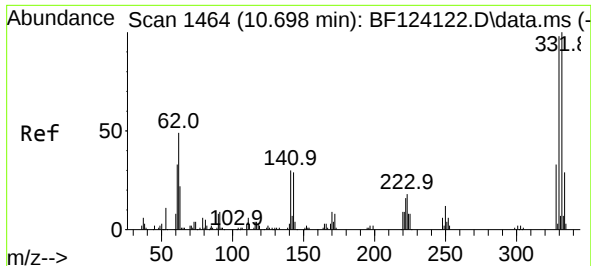
Tgt Ion: 82 Resp: 143587
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124403.D
Acq: 21 Jun 2021 20:36

Tgt Ion: 164 Resp: 69978
Ion Ratio Lower Upper
164 100
162 96.5 80.7 121.1
160 44.0 37.3 55.9

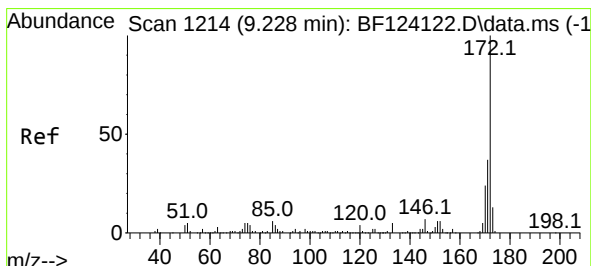
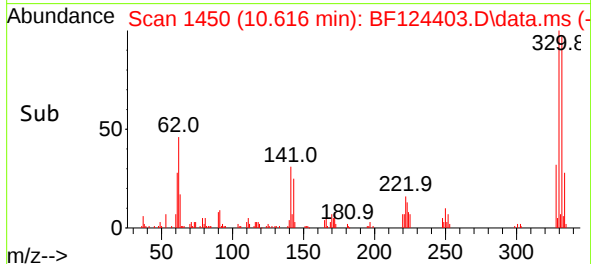
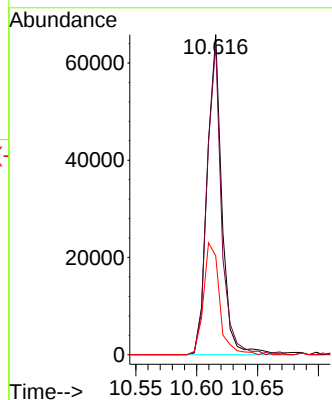
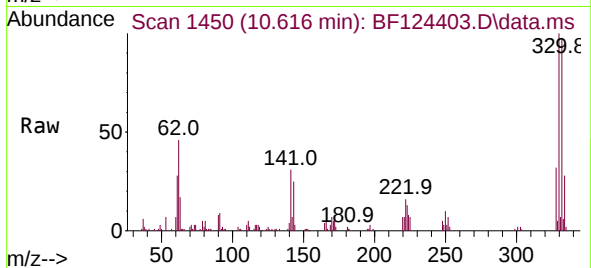




#42
2,4,6-Tribromophenol
Concen: 55.65 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124403.D
Acq: 21 Jun 2021 20:36

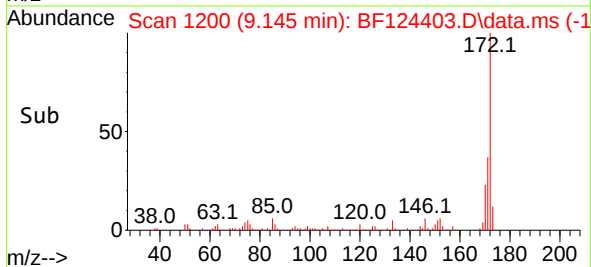
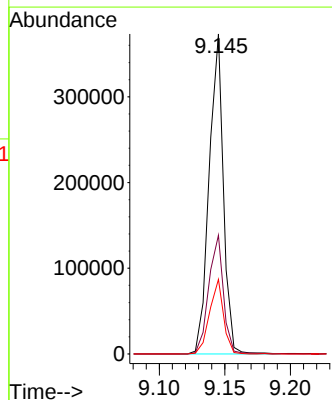
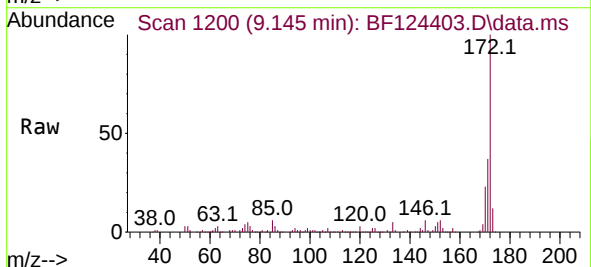
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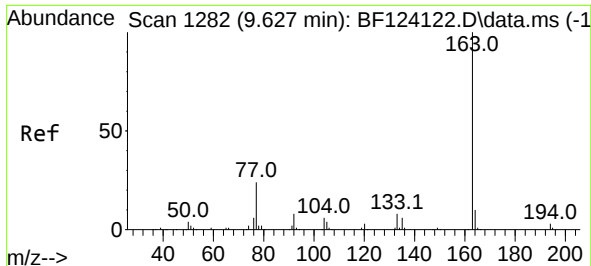
Tgt Ion: 330 Resp: 55175
Ion Ratio Lower Upper
330 100
332 94.6 77.1 115.7
141 38.3 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 50.89 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124403.D
Acq: 21 Jun 2021 20:36

Tgt Ion: 172 Resp: 282978
Ion Ratio Lower Upper
172 100
171 37.1 28.1 42.1
170 23.3 19.2 28.8

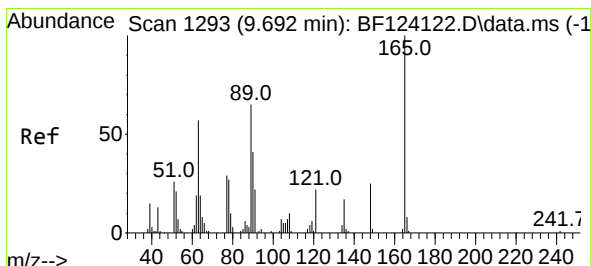
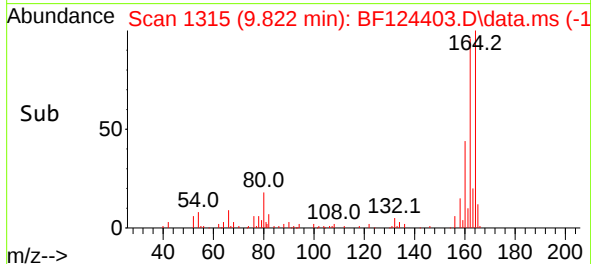
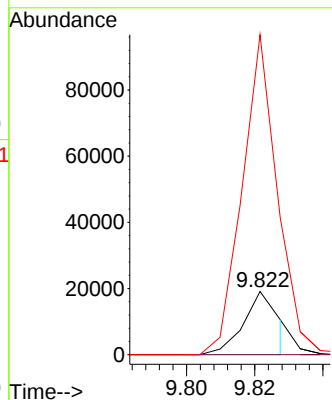
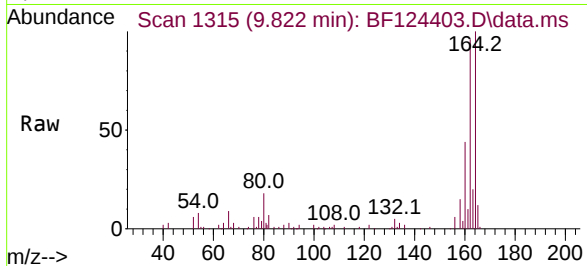




#50
Dimethylphthalate
Concen: 2.36 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124403.D
Acq: 21 Jun 2021 20:36

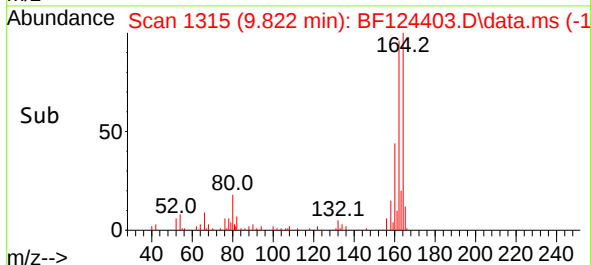
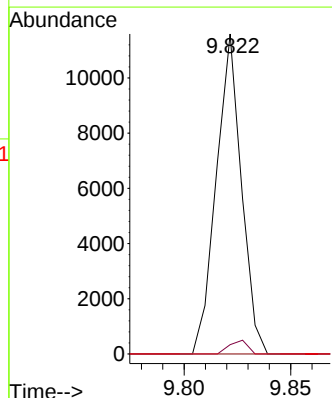
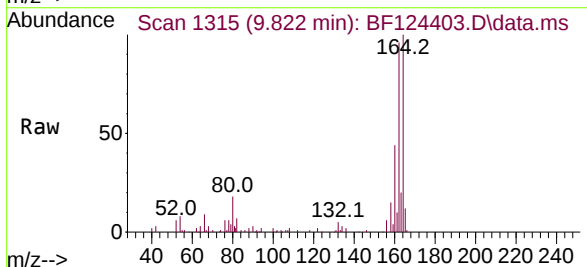
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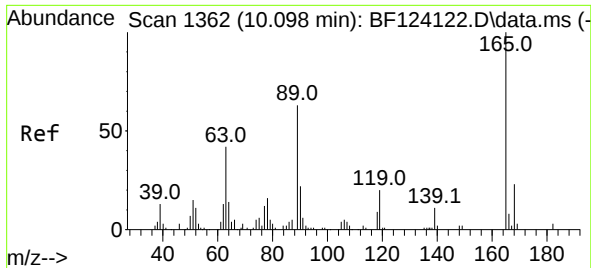
Tgt Ion:163 Resp: 13645
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 506.3 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 7.17 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.200 min
Lab File: BF124403.D
Acq: 21 Jun 2021 20:36

Tgt Ion:165 Resp: 9517
Ion Ratio Lower Upper
165 100
63 2.9 67.7 101.5#
89 0.0 58.8 88.2#

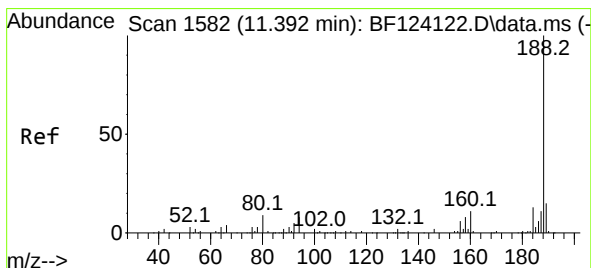
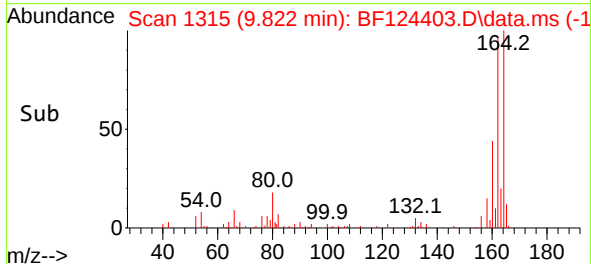
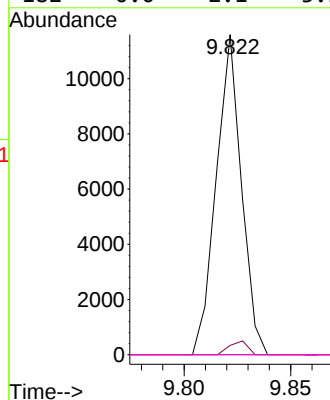
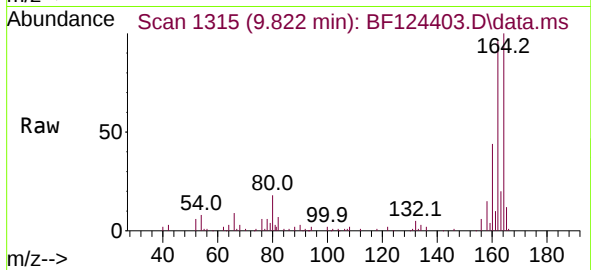




#57
2,4-Dinitrotoluene
Concen: 5.44 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124403.D
Acq: 21 Jun 2021 20:36

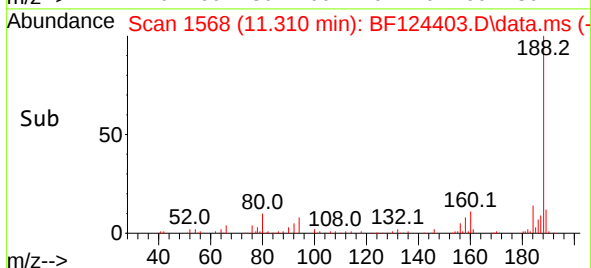
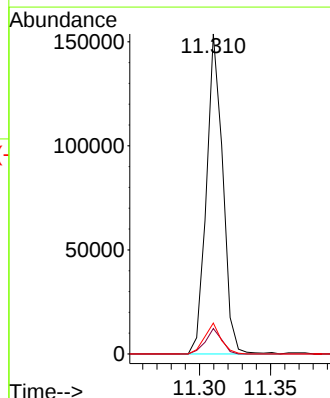
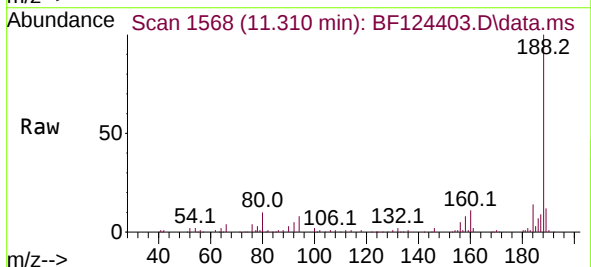
Instrument :
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CONCRETE-PILE

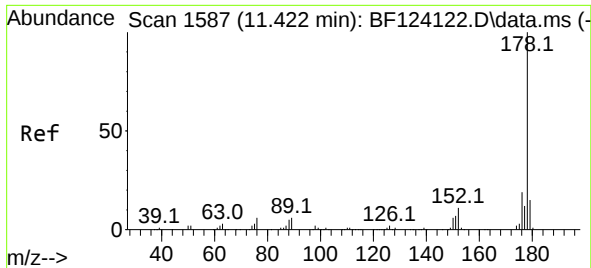
Tgt Ion:165	Resp:	9517
Ion Ratio	Lower	Upper
165	100	
63	2.9	43.5 65.3#
89	0.0	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF124403.D
Acq: 21 Jun 2021 20:36

Tgt Ion:188	Resp:	122948
Ion Ratio	Lower	Upper
188	100	
94	8.0	6.9 10.3
80	9.6	8.2 12.2

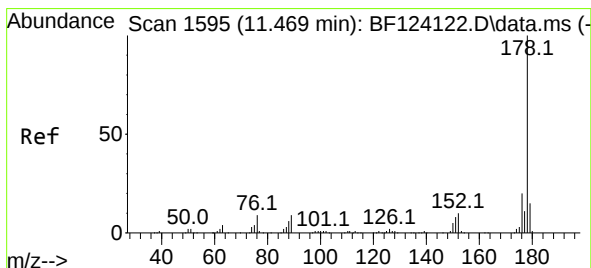
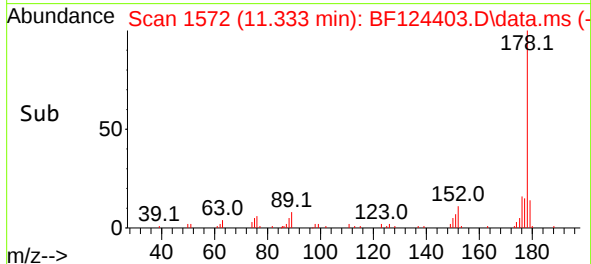
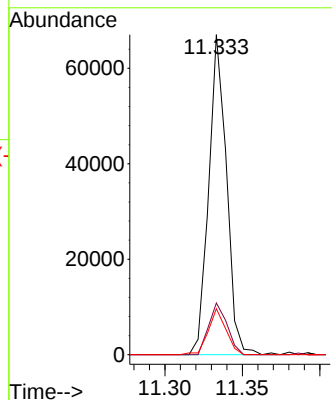
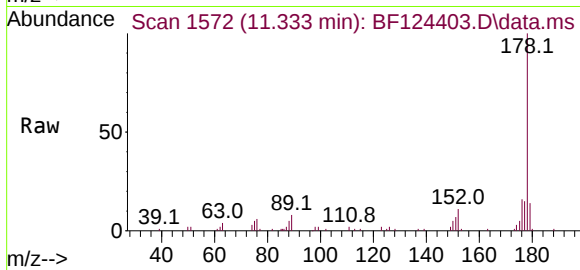




#71
Phenanthrene
Concen: 6.98 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF124403.D
Acq: 21 Jun 2021 20:36

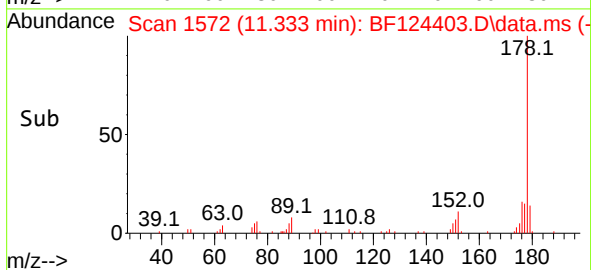
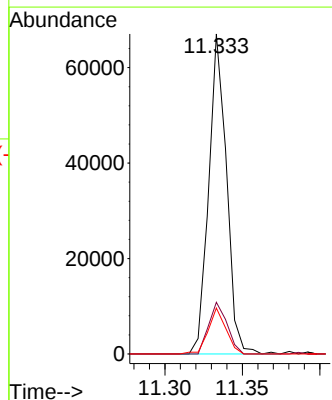
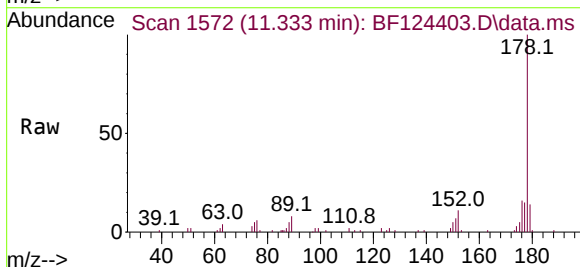
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

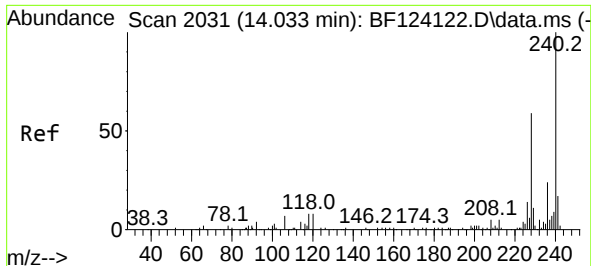
Tgt Ion:178 Resp: 53573
Ion Ratio Lower Upper
178 100
176 16.1 15.6 23.4
179 14.4 12.5 18.7



#72
Anthracene
Concen: 6.93 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.065 min
Lab File: BF124403.D
Acq: 21 Jun 2021 20:36

Tgt Ion:178 Resp: 53573
Ion Ratio Lower Upper
178 100
176 16.1 15.4 23.0
179 14.4 12.6 18.8

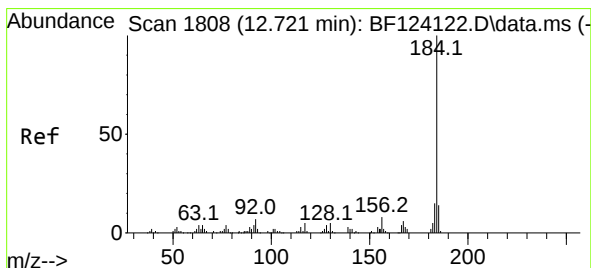
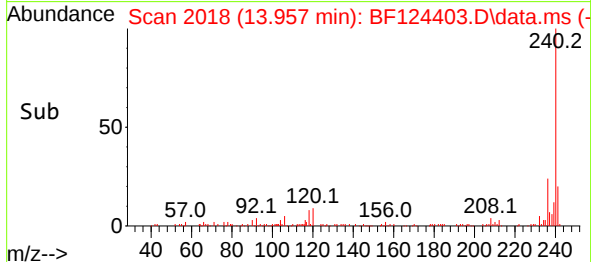
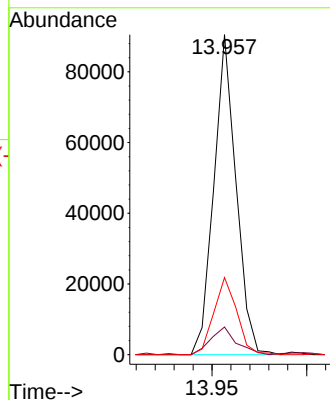
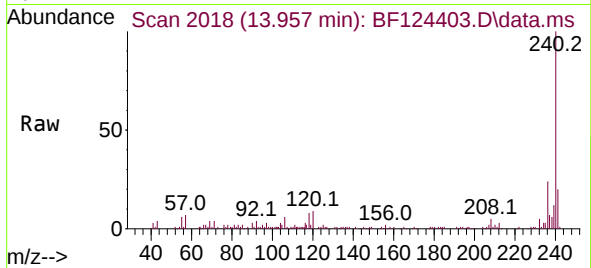




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124403.D
Acq: 21 Jun 2021 20:36

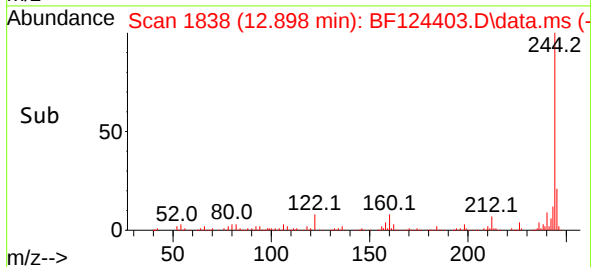
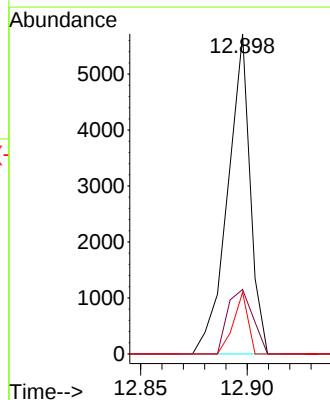
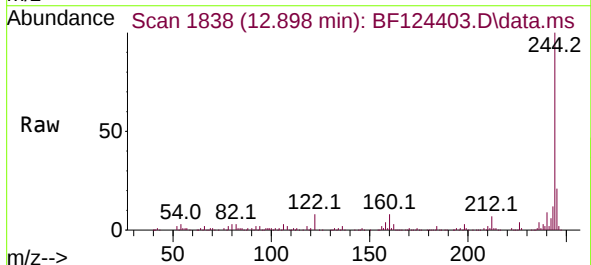
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

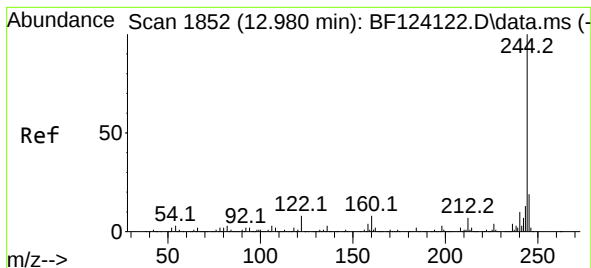
Tgt Ion:240 Resp: 73840
Ion Ratio Lower Upper
240 100
120 8.7 7.2 10.8
236 24.1 19.0 28.4



#77
Benzidine
Concen: 6.29 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.200 min
Lab File: BF124403.D
Acq: 21 Jun 2021 20:36

Tgt Ion:184 Resp: 4197
Ion Ratio Lower Upper
184 100
185 20.2 12.1 18.1#
183 19.2 7.8 11.8#





#79

Terphenyl-d14

Concen: 48.87 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF124403.D

Acq: 21 Jun 2021 20:36

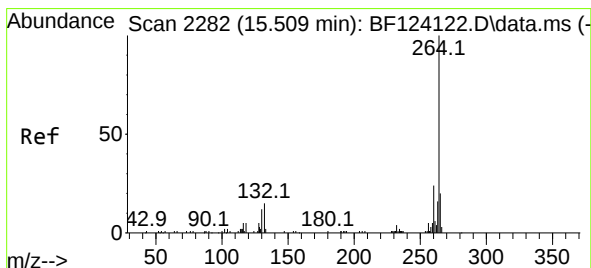
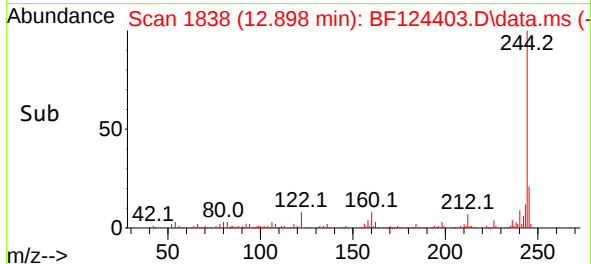
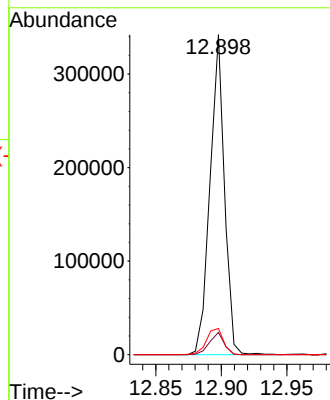
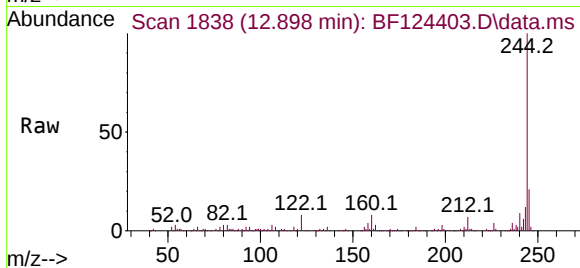
Tgt Ion:	244	Resp:	262817
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.7	8.5
122	8.2	9.7	14.5#

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PILE



#86

Perylene-d12

Concen: 20.00 ng

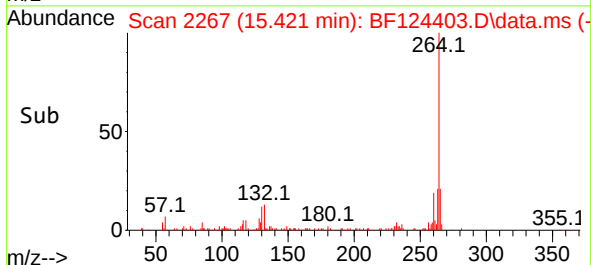
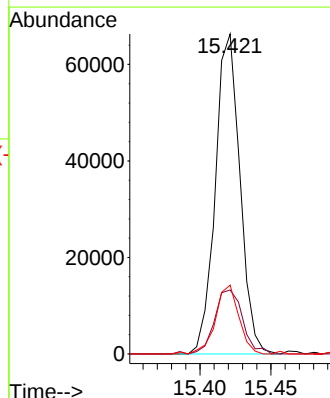
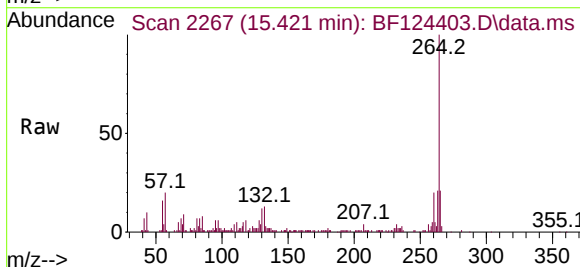
RT: 15.421 min Scan# 2267

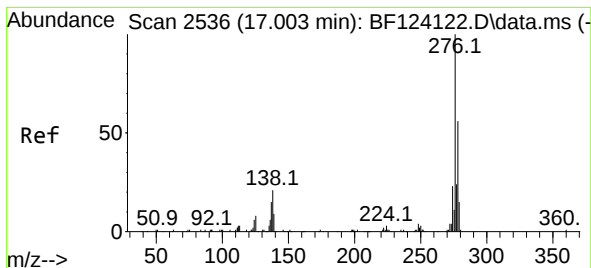
Delta R.T. 0.006 min

Lab File: BF124403.D

Acq: 21 Jun 2021 20:36

Tgt Ion:	264	Resp:	79874
Ion Ratio	Lower	Upper	
264	100		
260	20.0	18.7	28.1
265	21.5	17.8	26.8

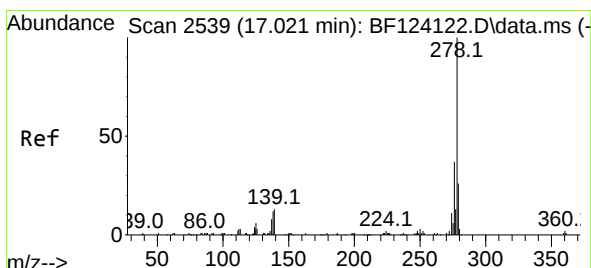
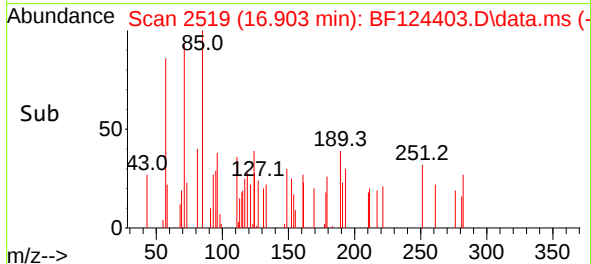
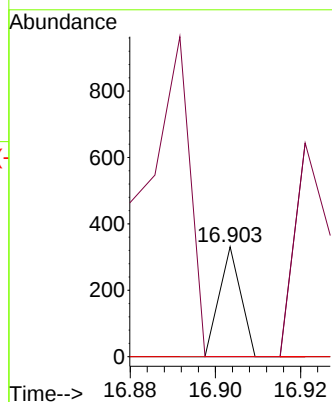
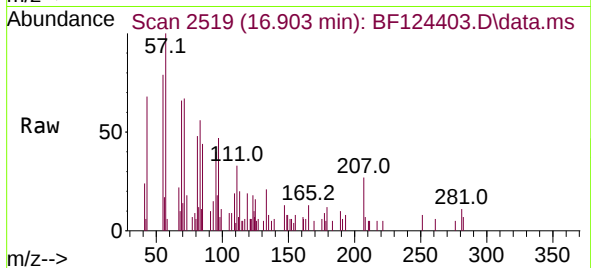




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.35 ng
RT: 16.903 min Scan# 2519
Delta R.T. 0.029 min
Lab File: BF124403.D
Acq: 21 Jun 2021 20:36

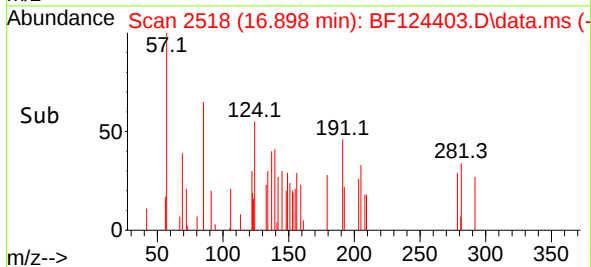
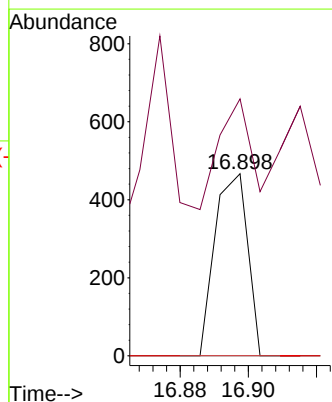
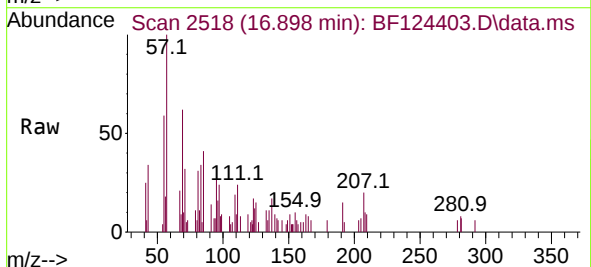
Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE

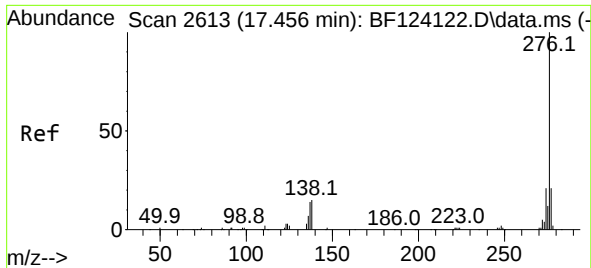
Tgt Ion:276 Resp: 117
Ion Ratio Lower Upper
276 100
138 722.2 16.2 24.2#
277 0.0 20.1 30.1#



#91
Dibenzo(a,h)anthracene
Concen: 4.22 ng
RT: 16.898 min Scan# 2518
Delta R.T. 0.012 min
Lab File: BF124403.D
Acq: 21 Jun 2021 20:36

Tgt Ion:278 Resp: 310
Ion Ratio Lower Upper
278 100
139 141.1 10.2 15.2#
279 0.0 19.4 29.0#





#92
 Benzo(g,h,i)perylene
 Concen: 3.93 ng
 RT: 17.327 min Scan# 2591
 Delta R.T. 0.012 min
 Lab File: BF124403.D
 Acq: 21 Jun 2021 20:36

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PILE

Tgt Ion:276 Resp: 731
 Ion Ratio Lower Upper
 276 100
 277 0.0 18.2 27.2#
 138 94.6 13.8 20.6#

