

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052821\
 Data File : BF124112.D
 Acq On : 28 May 2021 18:09
 Operator : JU/CG
 Sample : M2542-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-074

Quant Time: May 29 00:00:26 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 13:12:25 2021
 Response via : Initial Calibration

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

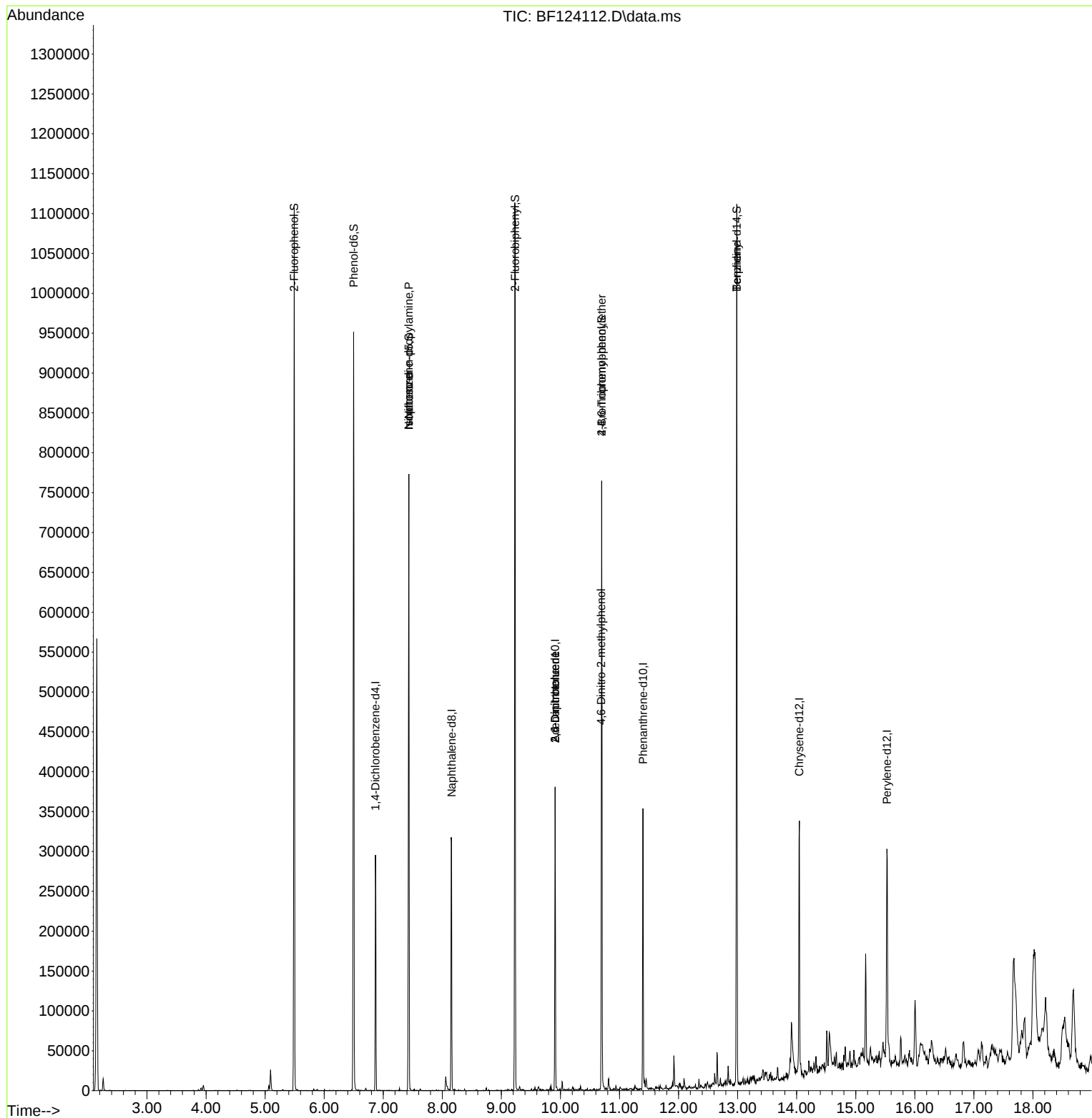
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	36242	20.00	ng	-0.01
21) Naphthalene-d8	8.157	136	125138	20.00	ng	# 0.00
39) Acenaphthene-d10	9.910	164	64385	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	103809	20.00	ng	0.00
76) Chrysene-d12	14.045	240	98283	20.00	ng	0.00
86) Perylene-d12	15.527	264	115254	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	223756	86.68	ng	0.00
7) Phenol-d6	6.498	99	268454	80.17	ng	-0.01
23) Nitrobenzene-d5	7.433	82	214607	73.89	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	75115	97.13	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	314134	60.04	ng	0.00
79) Terphenyl-d14	12.986	244	300335	46.28	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.433	70	30844	13.63	ng	# 69
25) Isophorone	7.433	82	214602	38.41	ng	# 69
51) 2,6-Dinitrotoluene	9.910	165	8400	8.08	ng	# 10
57) 2,4-Dinitrotoluene	9.910	165	8400	6.59	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.692	198	113	5.59	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	4849	3.55	ng	# 1
77) Benzidine	12.986	184	5349	2.26	ng	# 81

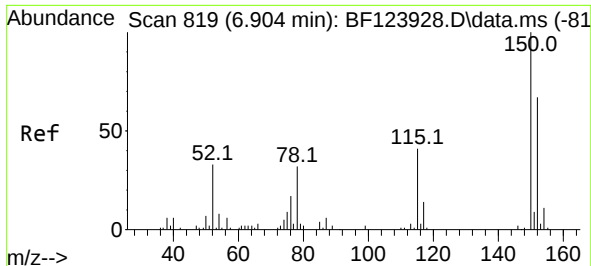
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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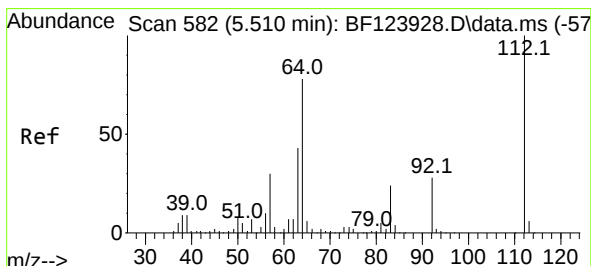
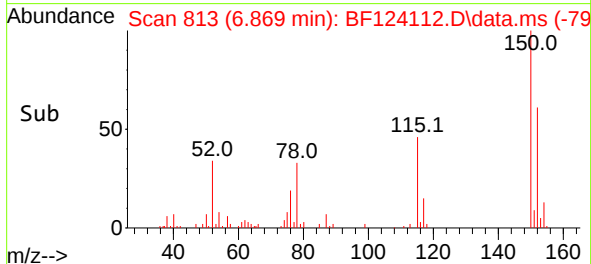
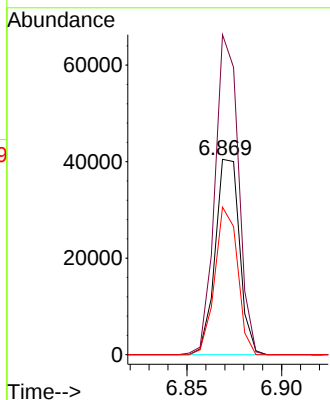
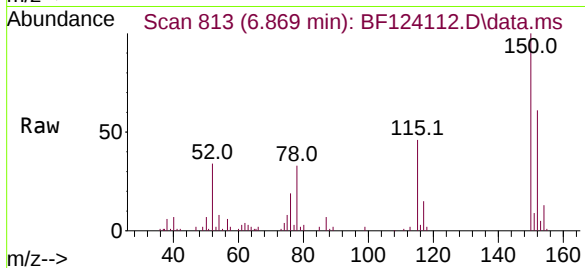




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF124112.D
Acq: 28 May 2021 18:09

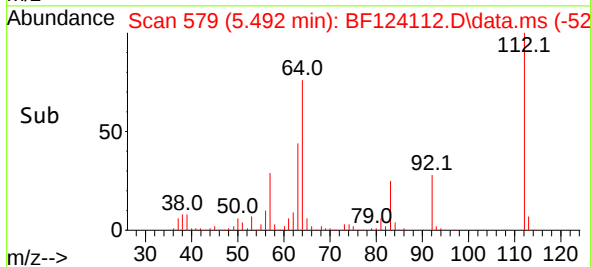
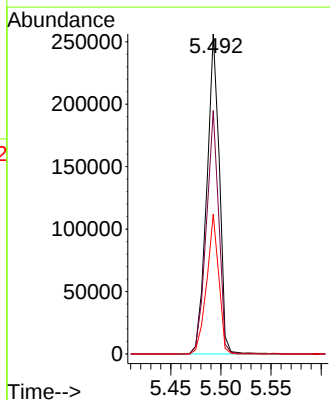
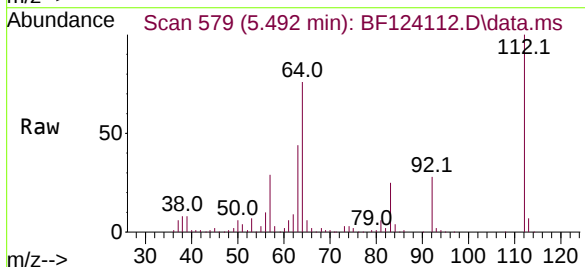
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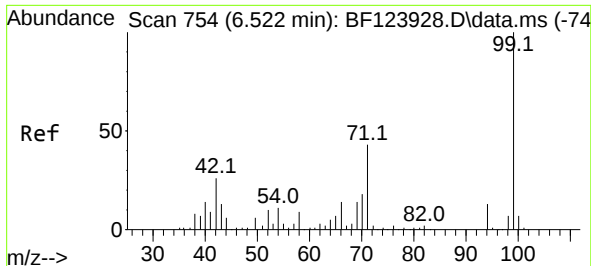
Tgt Ion:152 Resp: 36242
Ion Ratio Lower Upper
152 100
150 163.8 127.0 190.6
115 75.6 54.3 81.5



#5
2-Fluorophenol
Concen: 86.68 ng
RT: 5.492 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF124112.D
Acq: 28 May 2021 18:09

Tgt Ion:112 Resp: 223756
Ion Ratio Lower Upper
112 100
64 76.0 61.4 92.0
63 43.7 33.0 49.4

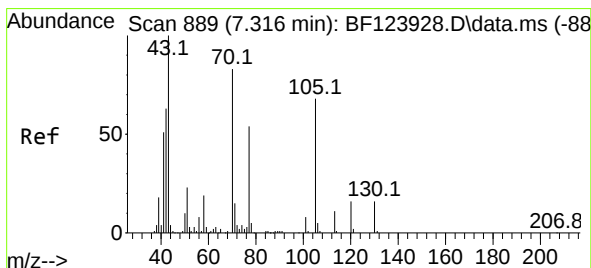
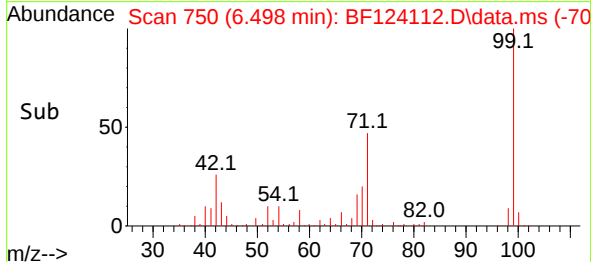
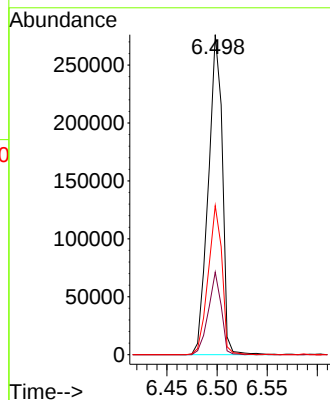
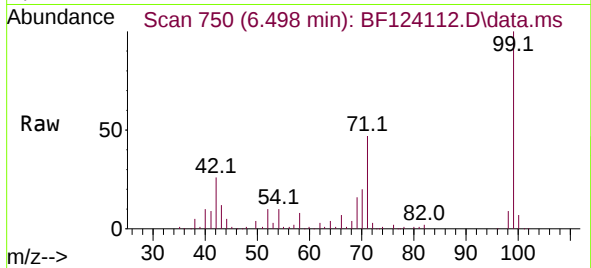




#7
Phenol-d6
Concen: 80.17 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF124112.D
Acq: 28 May 2021 18:09

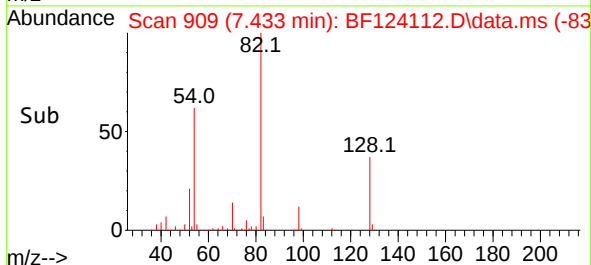
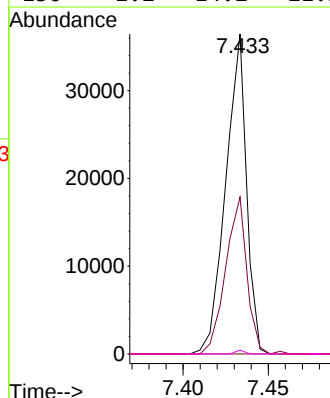
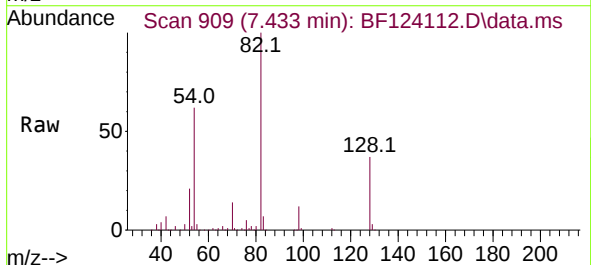
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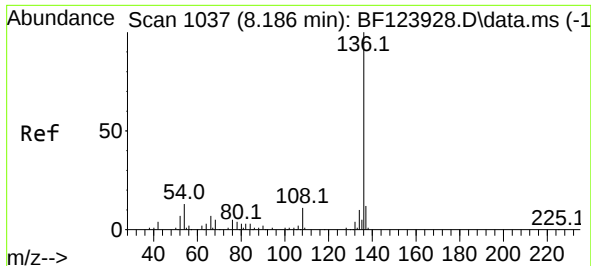
Tgt Ion: 99 Resp: 268454
Ion Ratio Lower Upper
99 100
42 25.8 19.8 29.8
71 46.5 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 13.63 ng
RT: 7.433 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124112.D
Acq: 28 May 2021 18:09

Tgt Ion: 70 Resp: 30844
Ion Ratio Lower Upper
70 100
42 49.0 60.1 90.1#
101 0.0 7.4 11.2#
130 1.2 14.2 21.2#

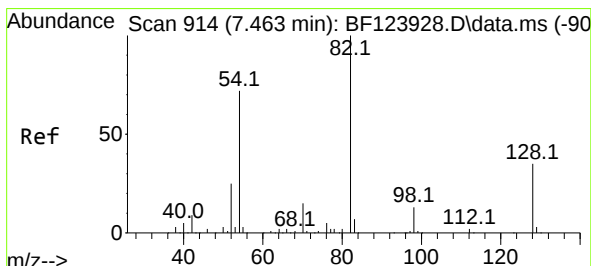
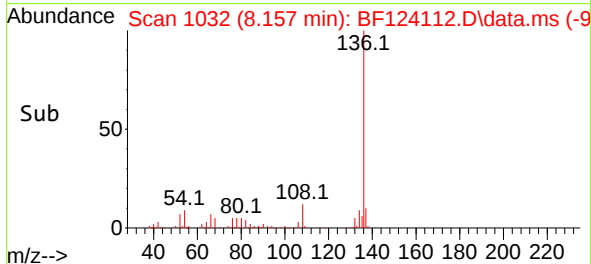
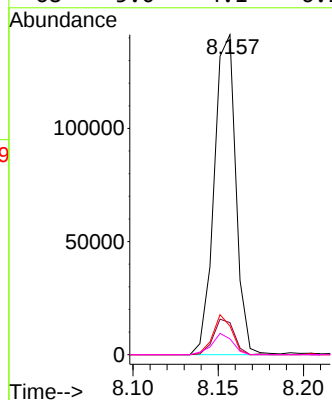
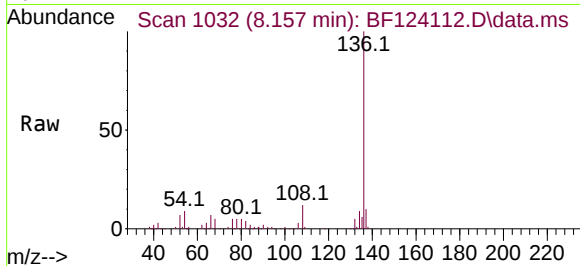




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF124112.D
Acq: 28 May 2021 18:09

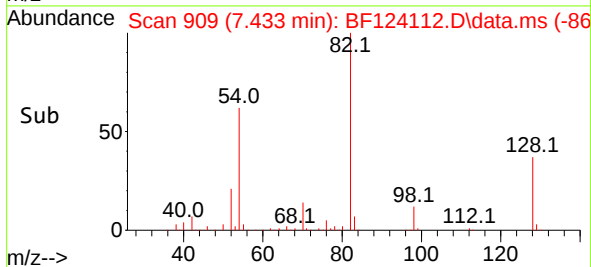
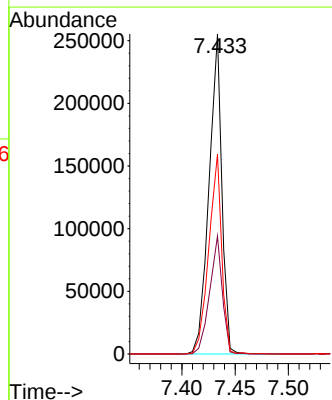
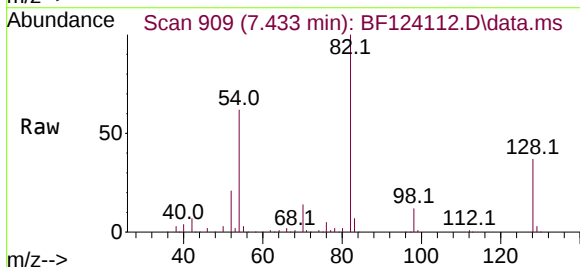
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ClientSampleId :
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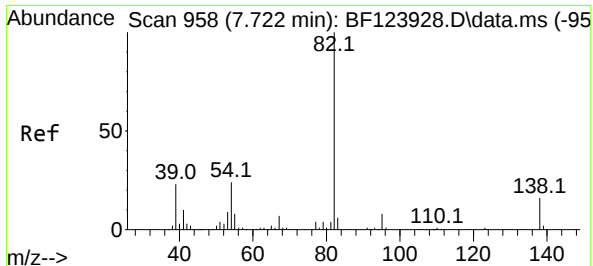
Tgt Ion:136	Resp: 125138
Ion Ratio	Lower Upper
136 100	
137 10.0	8.7 13.1
54 8.9	9.8 14.6#
68 5.0	4.1 6.1



#23
Nitrobenzene-d5
Concen: 73.89 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF124112.D
Acq: 28 May 2021 18:09

Tgt Ion: 82	Resp: 214607
Ion Ratio	Lower Upper
82 100	
128 36.9	29.4 44.2
54 62.4	54.1 81.1

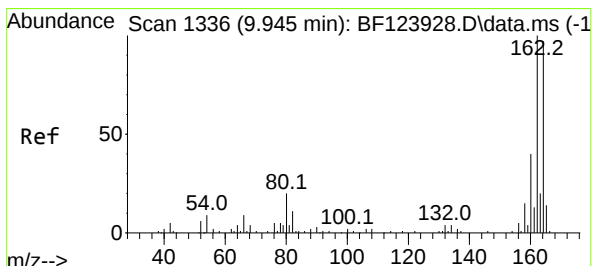
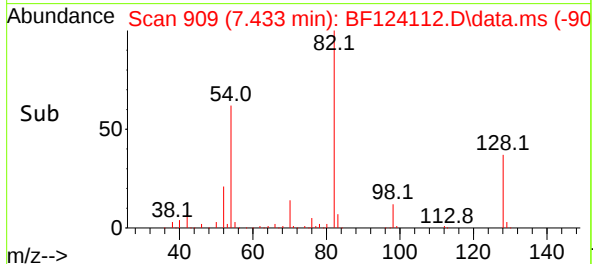
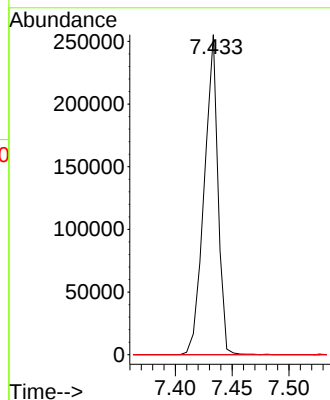
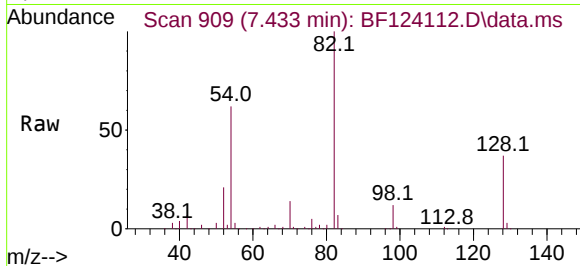




#25
Isophorone
Concen: 38.41 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124112.D
Acq: 28 May 2021 18:09

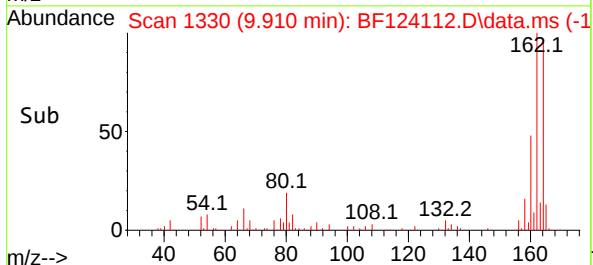
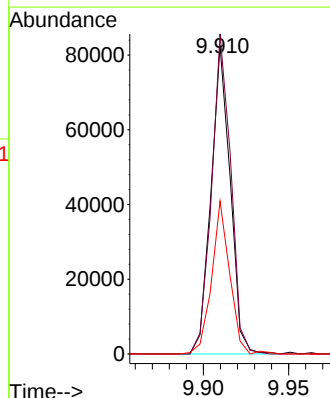
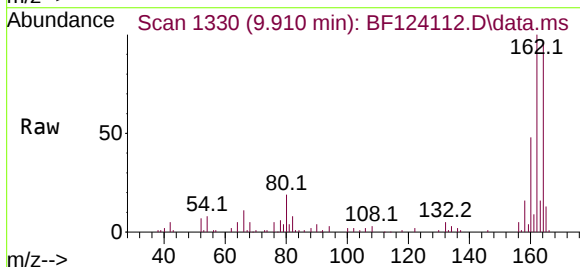
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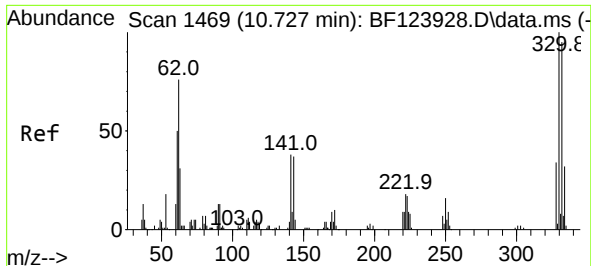
Tgt Ion: 82 Resp: 214602
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124112.D
Acq: 28 May 2021 18:09

Tgt Ion: 164 Resp: 64385
Ion Ratio Lower Upper
164 100
162 103.8 80.7 121.1
160 49.6 37.3 55.9

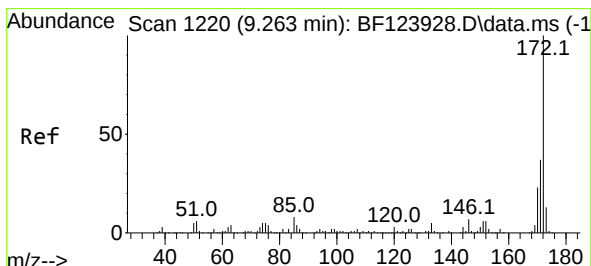
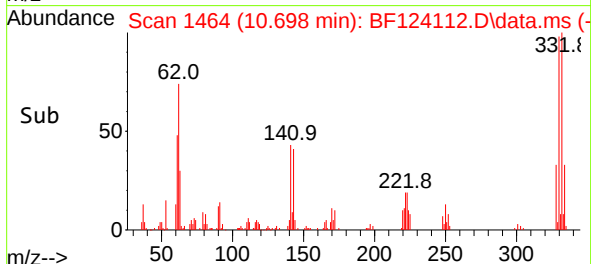
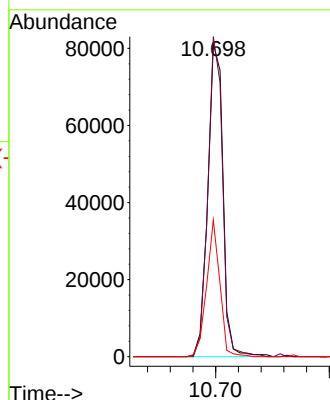
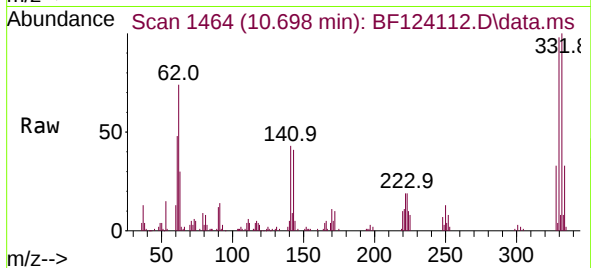




#42
2,4,6-Tribromophenol
Concen: 97.13 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124112.D
Acq: 28 May 2021 18:09

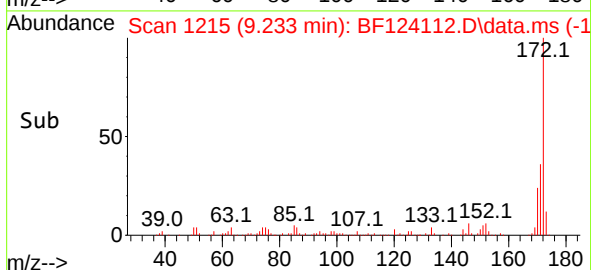
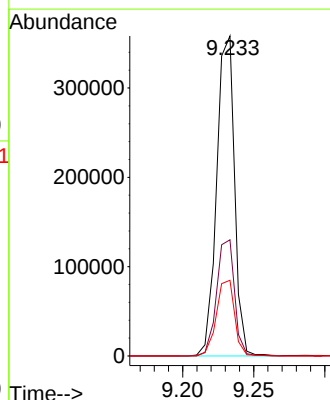
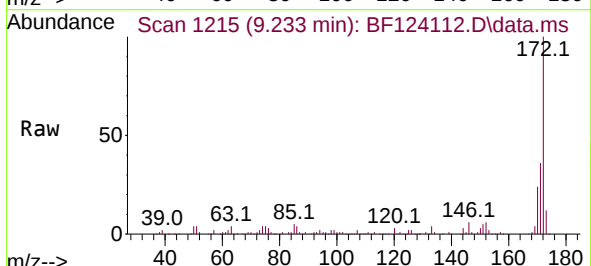
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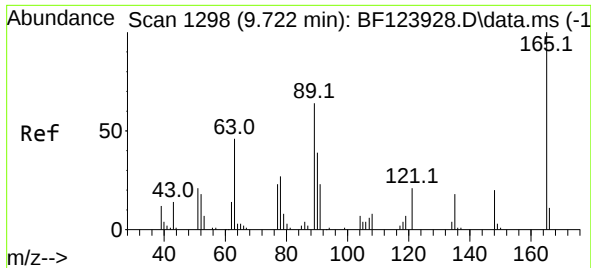
Tgt Ion: 330 Resp: 75115
Ion Ratio Lower Upper
330 100
332 98.0 77.1 115.7
141 38.1 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 60.04 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF124112.D
Acq: 28 May 2021 18:09

Tgt Ion: 172 Resp: 314134
Ion Ratio Lower Upper
172 100
171 36.3 28.1 42.1
170 23.6 19.2 28.8

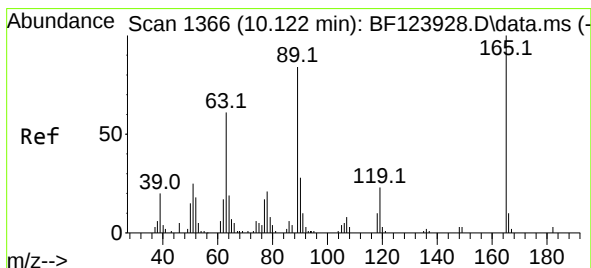
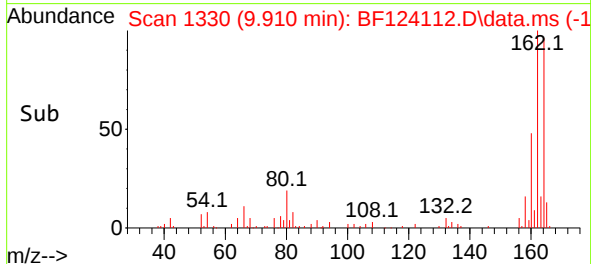
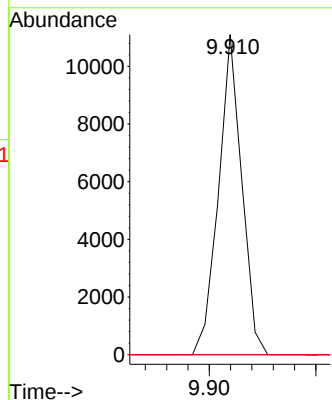
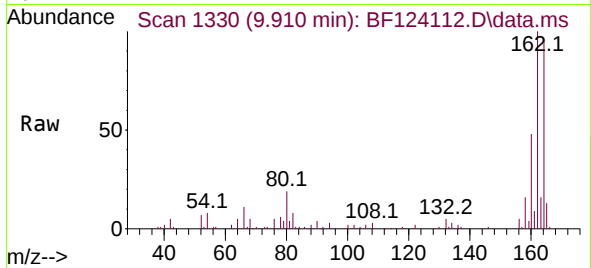




#51
2,6-Dinitrotoluene
Concen: 8.08 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124112.D
Acq: 28 May 2021 18:09

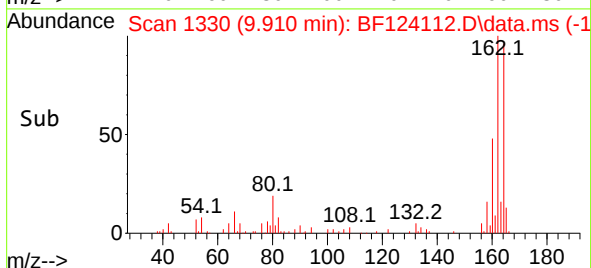
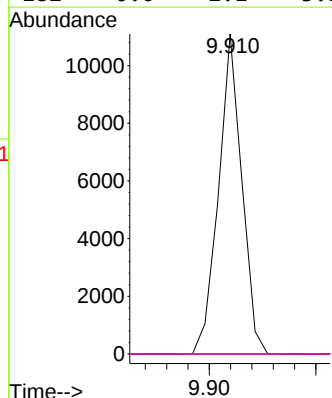
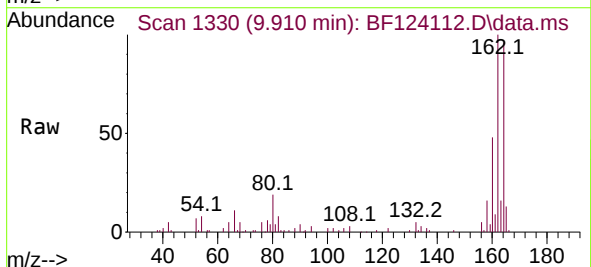
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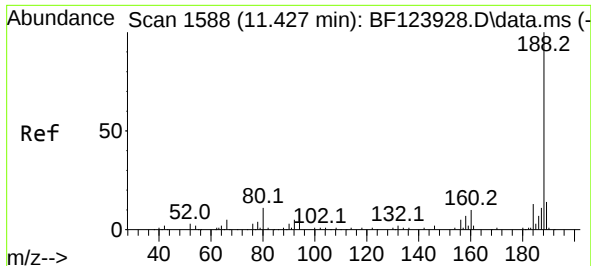
Tgt Ion:165 Resp: 8400
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.59 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.194 min
Lab File: BF124112.D
Acq: 28 May 2021 18:09

Tgt Ion:165 Resp: 8400
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

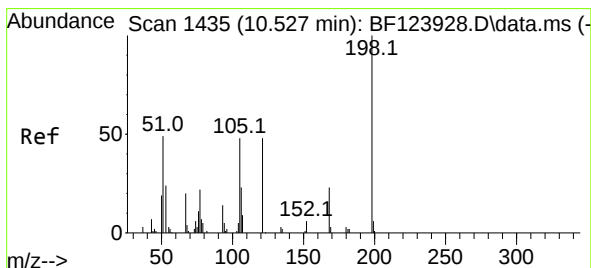
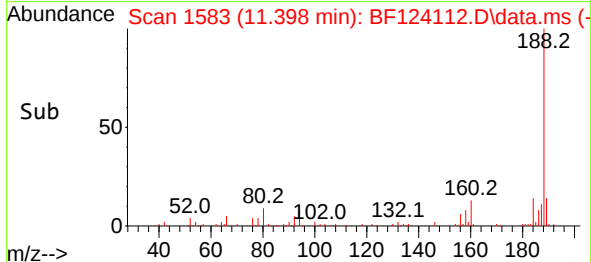
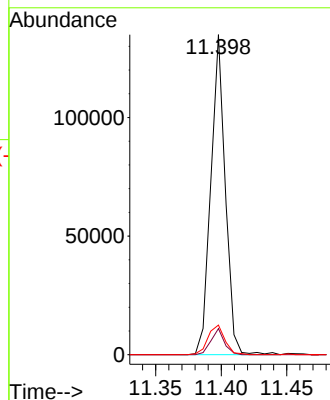
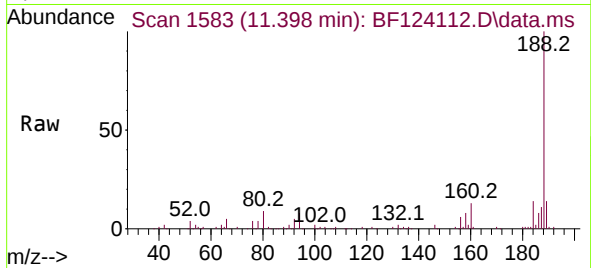




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF124112.D
Acq: 28 May 2021 18:09

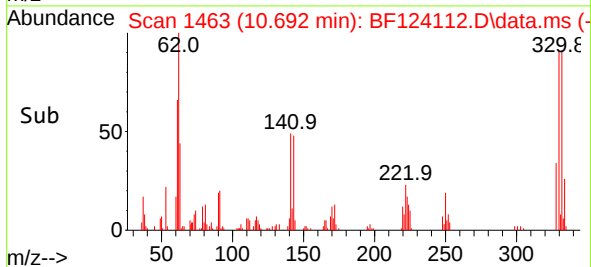
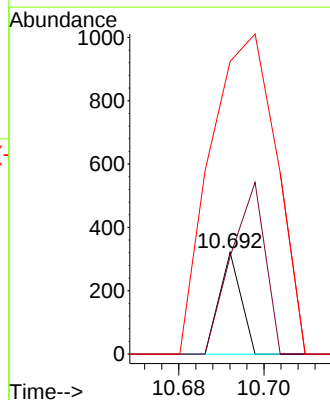
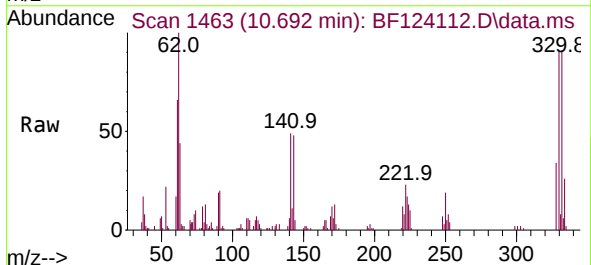
Instrument :
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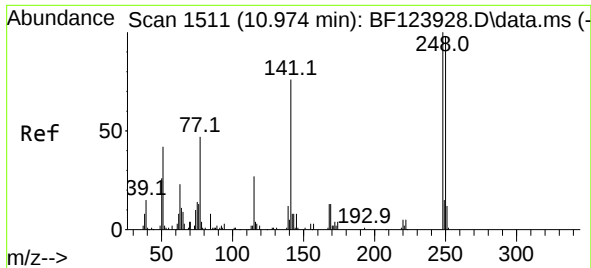
Tgt Ion:188 Resp: 103809
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 9.2 8.2 12.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.59 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.182 min
Lab File: BF124112.D
Acq: 28 May 2021 18:09

Tgt Ion:198 Resp: 113
Ion Ratio Lower Upper
198 100
51 96.0 64.8 104.8
105 287.9 42.6 82.6#

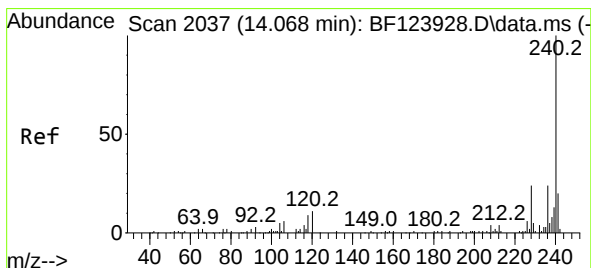
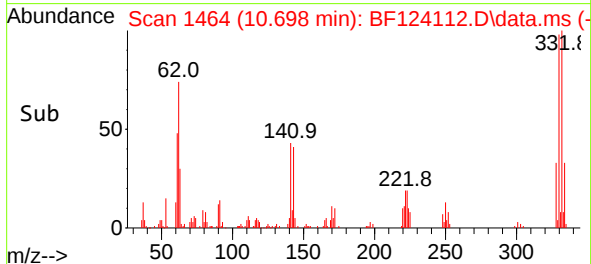
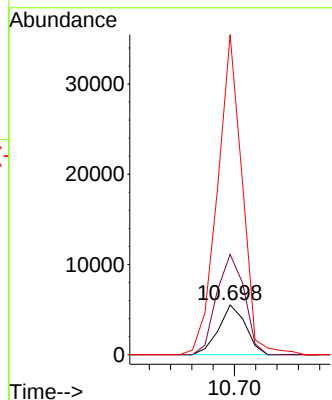
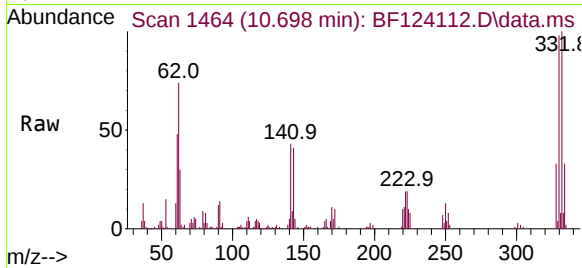




#67
4-Bromophenyl-phenylether
Concen: 3.55 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124112.D
Acq: 28 May 2021 18:09

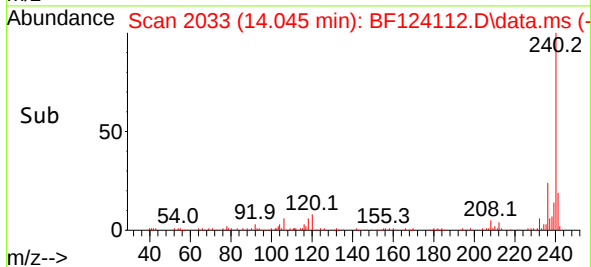
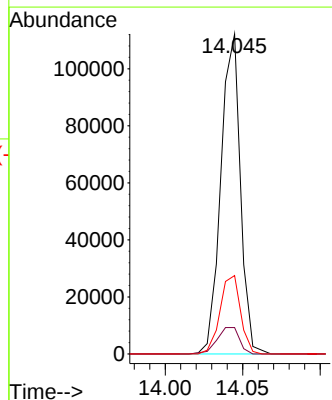
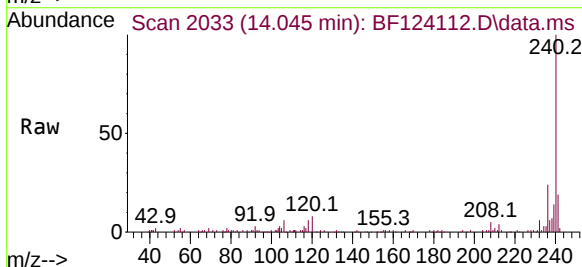
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-074

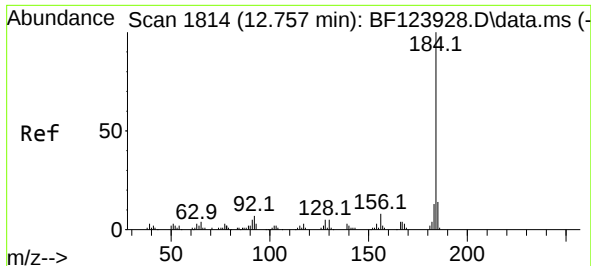
Tgt Ion:248 Resp: 4849
Ion Ratio Lower Upper
248 100
250 268.6 77.4 116.2#
141 644.0 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF124112.D
Acq: 28 May 2021 18:09

Tgt Ion:240 Resp: 98283
Ion Ratio Lower Upper
240 100
120 8.2 7.2 10.8
236 24.5 19.0 28.4

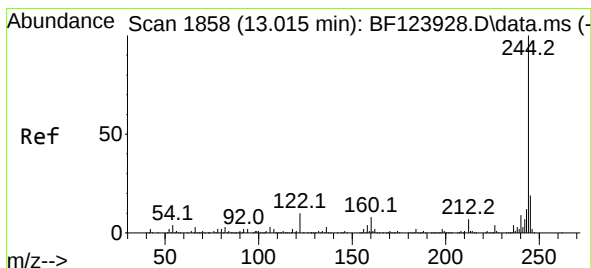
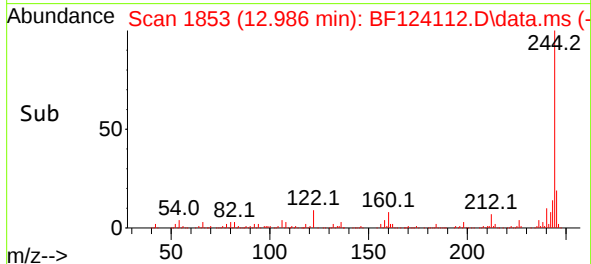
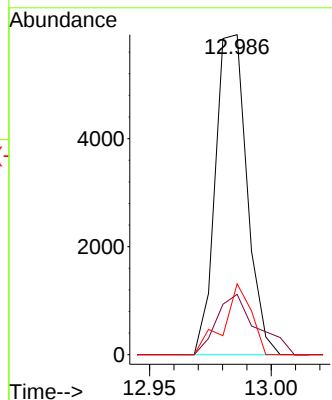
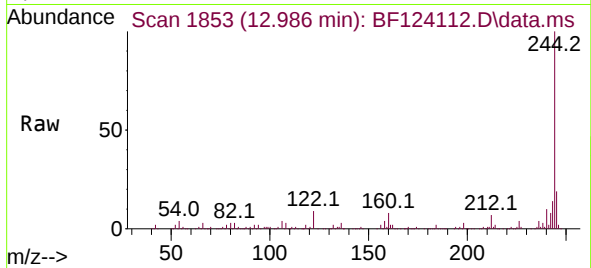




#77
Benzidine
Concen: 2.26 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.253 min
Lab File: BF124112.D
Acq: 28 May 2021 18:09

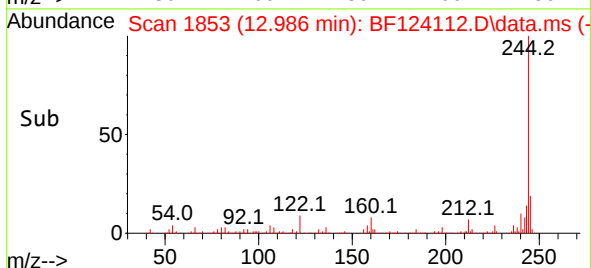
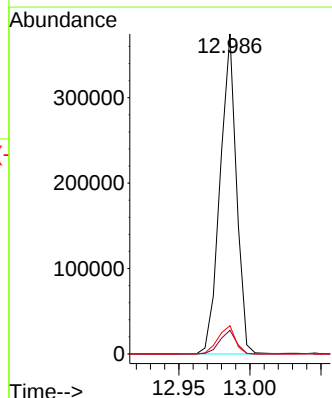
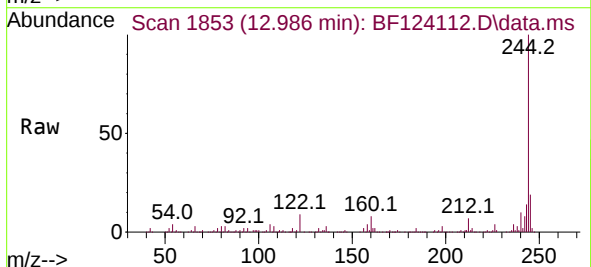
Instrument :
BNA_F
ClientSampleId :
FK-PS-01-074

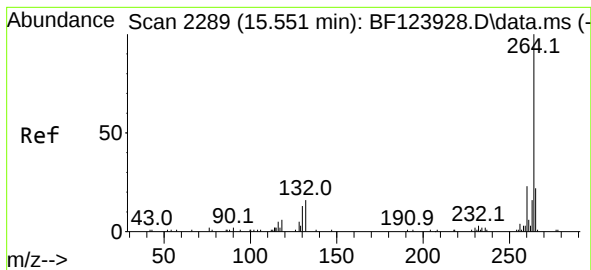
Tgt Ion:184 Resp: 5349
Ion Ratio Lower Upper
184 100
185 18.9 12.1 18.1#
183 22.2 7.8 11.8#



#79
Terphenyl-d14
Concen: 46.28 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.000 min
Lab File: BF124112.D
Acq: 28 May 2021 18:09

Tgt Ion:244 Resp: 300335
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 8.9 9.7 14.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.527 min Scan# 2285
 Delta R.T. -0.000 min
 Lab File: BF124112.D
 Acq: 28 May 2021 18:09

Instrument :
 BNA_F
 ClientSampleId :
 FK-PS-01-074

Tgt Ion:264	Resp:	115254
Ion	Ratio	Lower Upper
264	100	
260	21.2	18.7 28.1
265	19.6	17.8 26.8

