

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081721\
 Data File : BF125074.D
 Acq On : 17 Aug 2021 18:10
 Operator : JU/CG
 Sample : PB138424BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138424BL

Quant Time: Aug 18 05:01:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 17 16:45:36 2021
 Response via : Initial Calibration

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

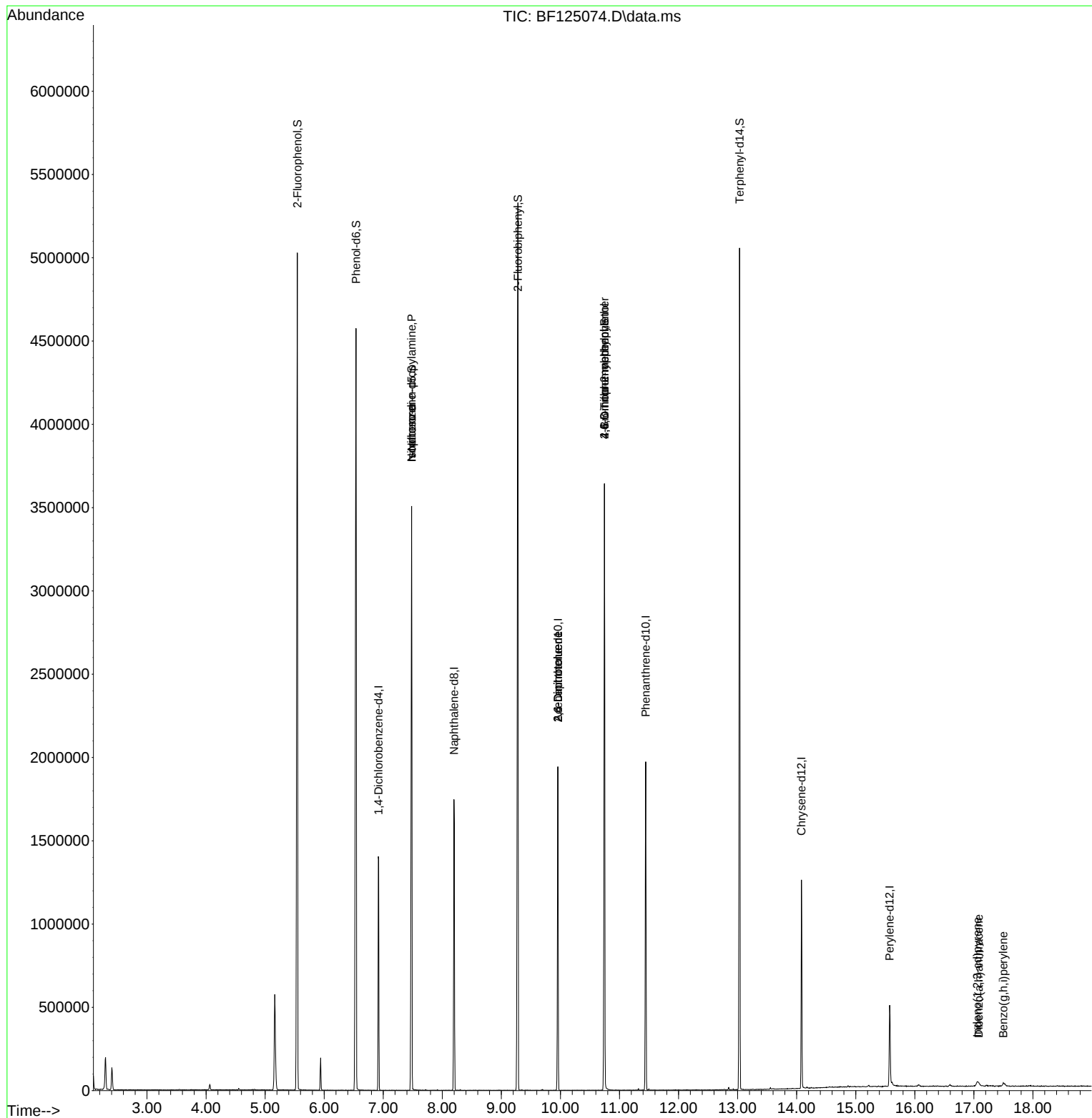
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	206018	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	804792	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	375481	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	677389	20.000	ng	0.00
76) Chrysene-d12	14.080	240	420866	20.000	ng	0.00
86) Perylene-d12	15.574	264	228028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	1460670	105.921	ng	0.01
7) Phenol-d6	6.539	99	1699124	100.170	ng	0.00
23) Nitrobenzene-d5	7.480	82	1157735	79.592	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	453513	129.369	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1807435	64.160	ng	0.00
79) Terphenyl-d14	13.033	244	1842298	63.031	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.480	70	160442	14.571	ng	# 64
25) Isophorone	7.480	82	1157443	36.556	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	48786	9.527	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	48786	8.000	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.745	198	912	5.505	ng	# 1
67) 4-Bromophenyl-phenylether	10.745	248	25610	3.588	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.056	276	22380	2.833	ng	# 82
91) Dibenzo(a,h)anthracene	17.080	278	23400	3.120	ng	96
92) Benzo(g,h,i)perylene	17.497	276	24963	5.227	ng	97

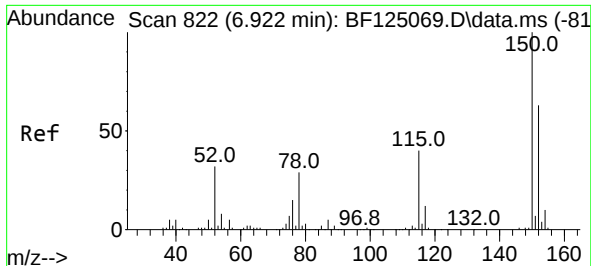
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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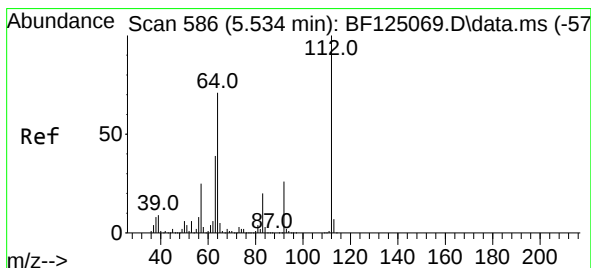
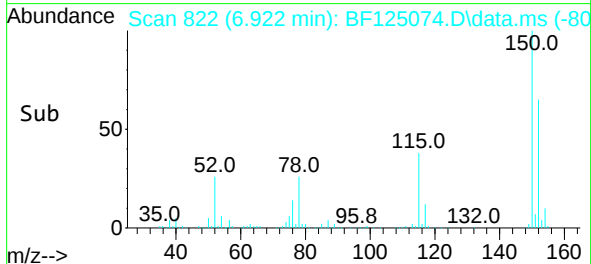
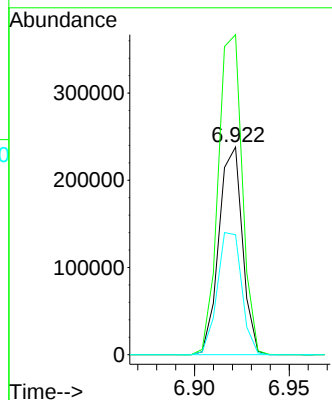
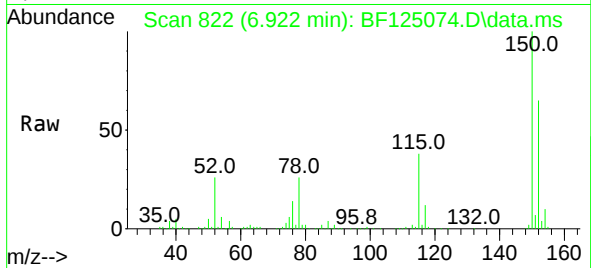




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 822
Delta R.T. -0.000 min
Lab File: BF125074.D
Acq: 17 Aug 2021 18:10

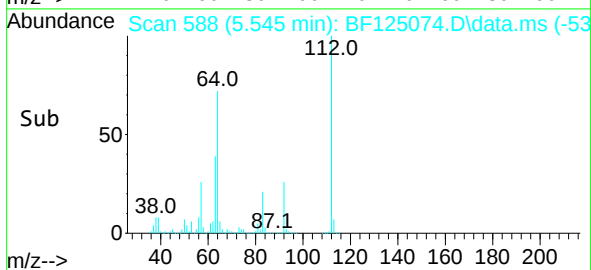
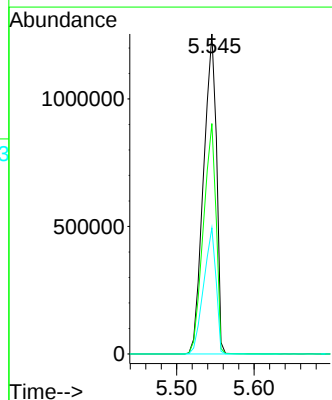
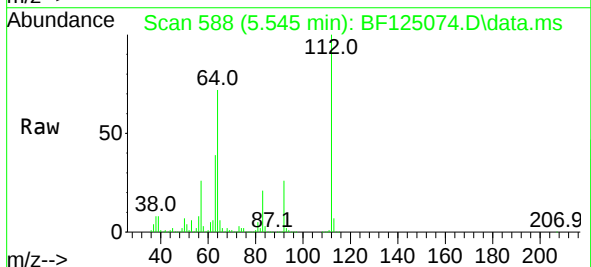
Instrument :
BNA_F
ClientSampleId :
PB138424BL

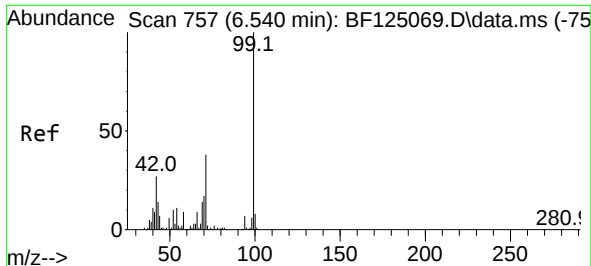
Tgt Ion:152 Resp: 206018
Ion Ratio Lower Upper
152 100
150 154.0 117.6 176.4
115 57.8 47.1 70.7



#5
2-Fluorophenol
Concen: 105.921 ng
RT: 5.545 min Scan# 588
Delta R.T. 0.012 min
Lab File: BF125074.D
Acq: 17 Aug 2021 18:10

Tgt Ion:112 Resp: 1460670
Ion Ratio Lower Upper
112 100
64 72.0 44.2 66.2#
63 39.4 26.2 39.2#

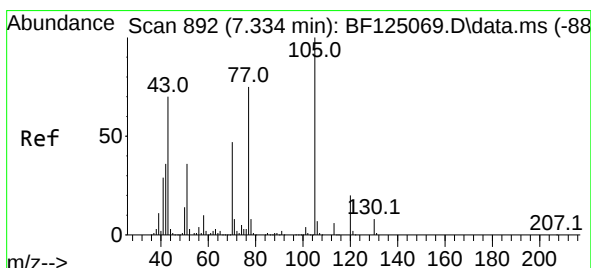
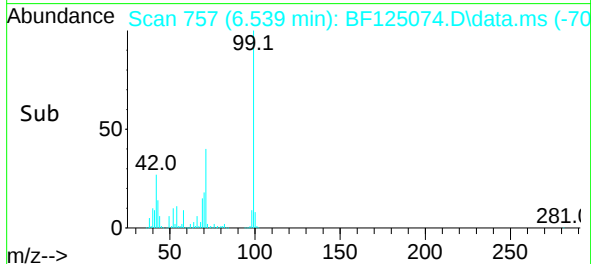
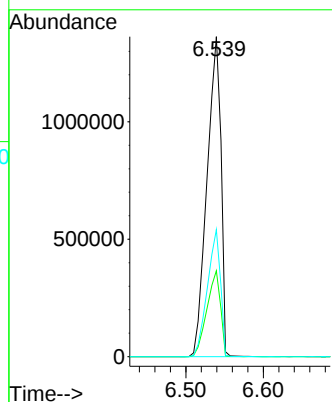
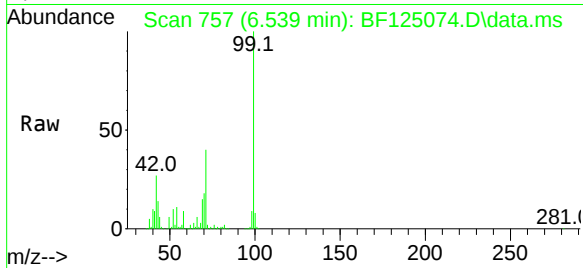




#7
Phenol-d6
Concen: 100.170 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.000 min
Lab File: BF125074.D
Acq: 17 Aug 2021 18:10

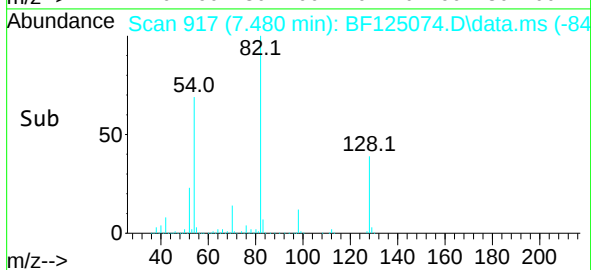
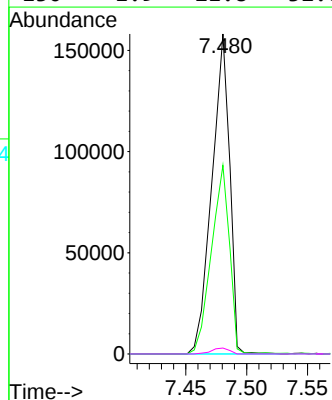
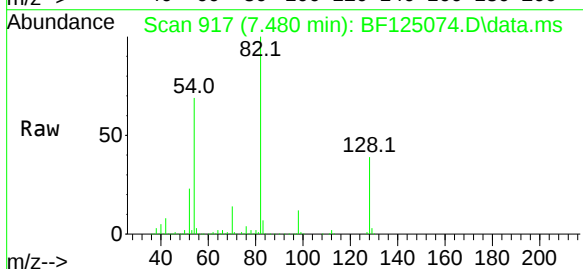
Instrument :
BNA_F
ClientSampleId :
PB138424BL

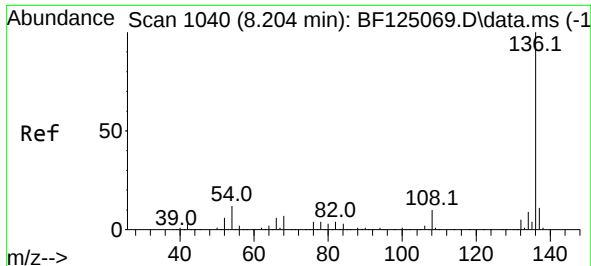
Tgt Ion: 99 Resp: 1699124
Ion Ratio Lower Upper
99 100
42 26.9 23.5 35.3
71 39.7 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 14.571 ng
RT: 7.480 min Scan# 917
Delta R.T. 0.147 min
Lab File: BF125074.D
Acq: 17 Aug 2021 18:10

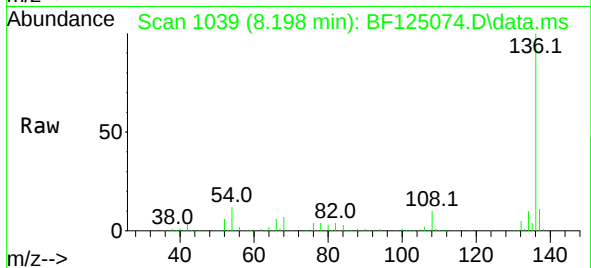
Tgt Ion: 70 Resp: 160442
Ion Ratio Lower Upper
70 100
42 59.0 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#



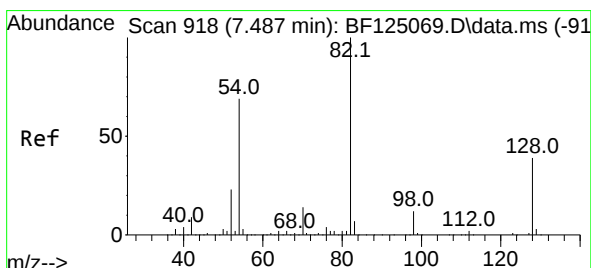
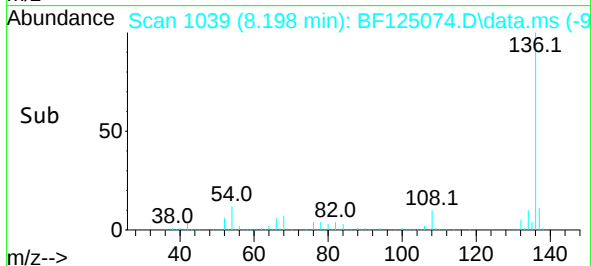
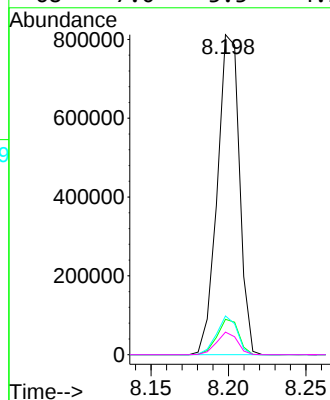


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF125074.D
Acq: 17 Aug 2021 18:10

Instrument :
BNA_F
ClientSampleId :
PB138424BL

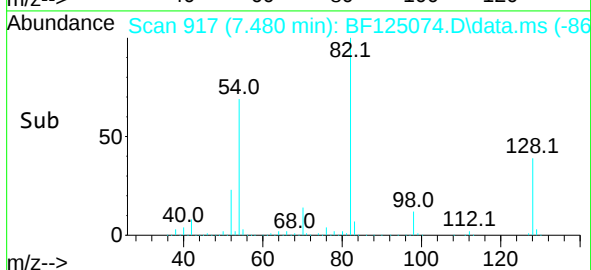
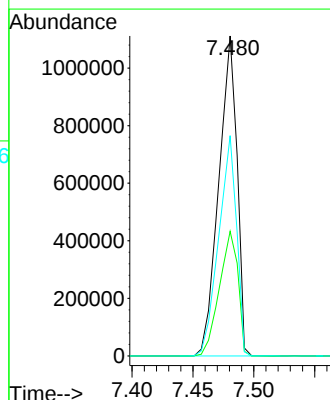
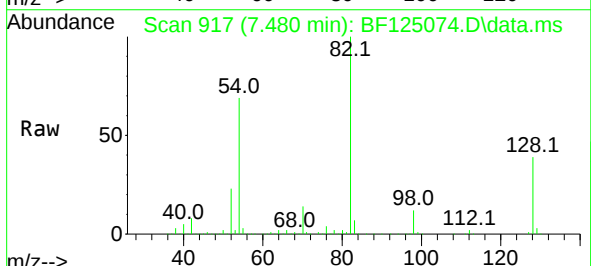


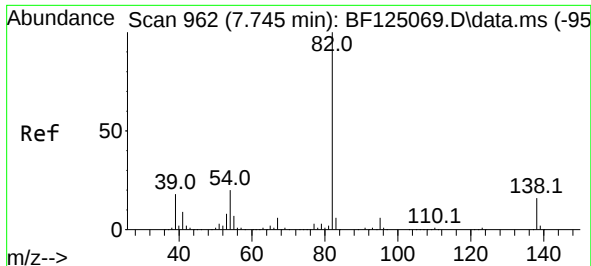
Tgt Ion:136 Resp: 804792
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 12.1 6.4 9.6#
68 7.0 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 79.592 ng
RT: 7.480 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125074.D
Acq: 17 Aug 2021 18:10

Tgt Ion: 82 Resp: 1157735
Ion Ratio Lower Upper
82 100
128 39.0 40.6 60.8#
54 68.9 49.6 74.4

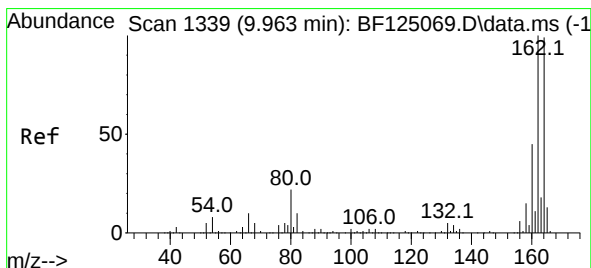
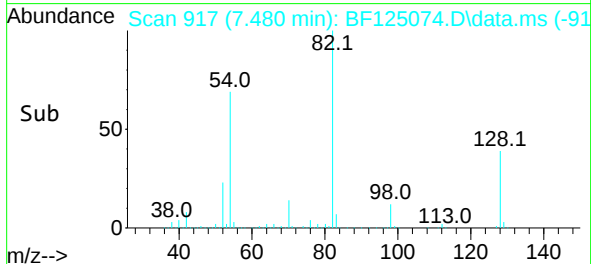
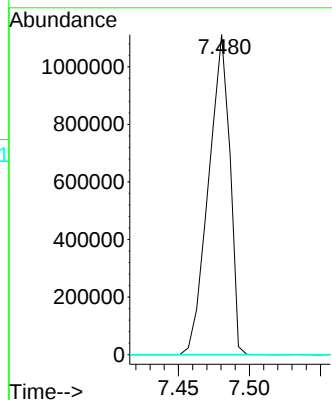
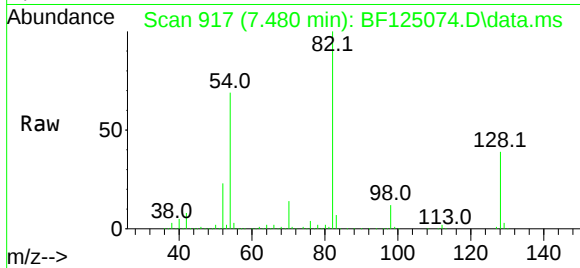




#25
Isophorone
Concen: 36.556 ng
RT: 7.480 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125074.D
Acq: 17 Aug 2021 18:10

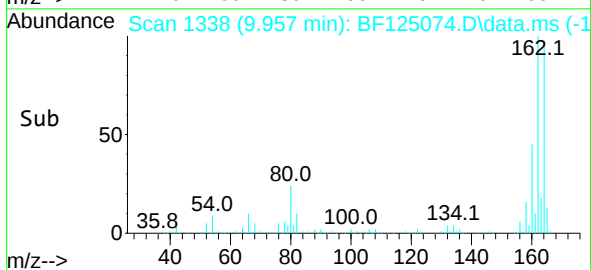
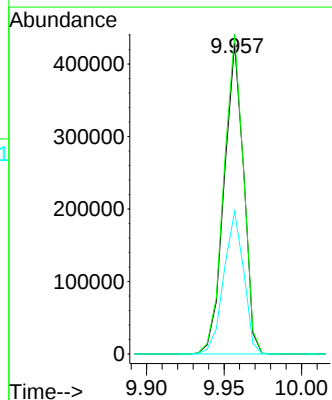
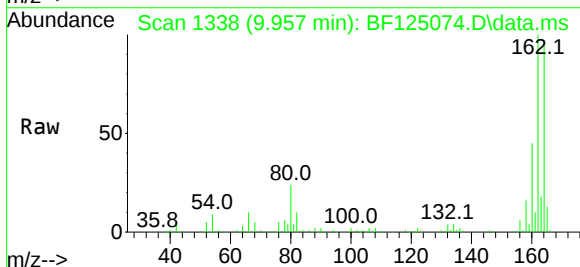
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ClientSampleId :
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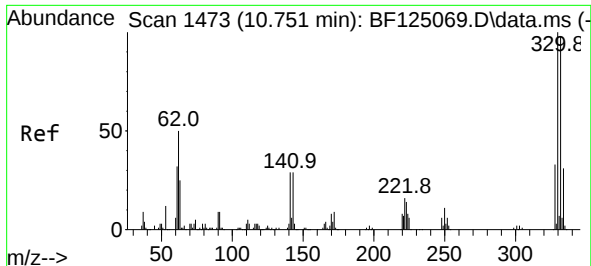
Tgt Ion: 82 Resp: 1157443
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125074.D
Acq: 17 Aug 2021 18:10

Tgt Ion: 164 Resp: 375481
Ion Ratio Lower Upper
164 100
162 103.0 81.3 121.9
160 46.0 38.0 57.0

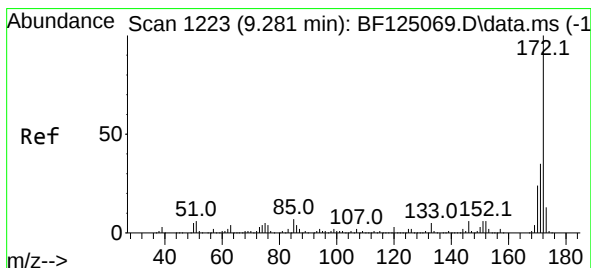
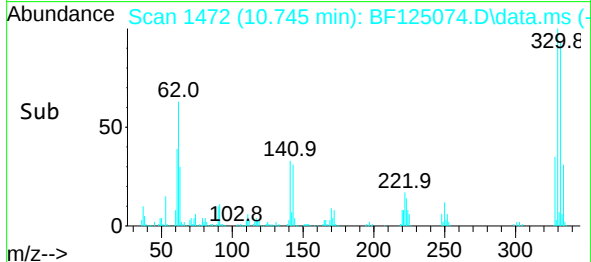
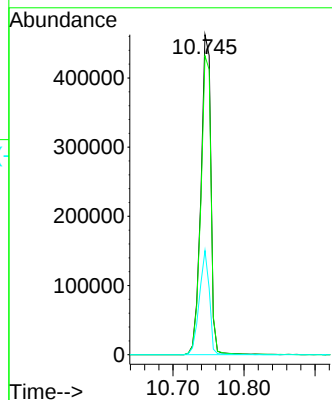
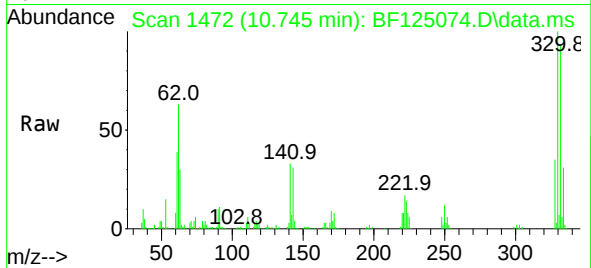




#42
2,4,6-Tribromophenol
Concen: 129.369 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125074.D
Acq: 17 Aug 2021 18:10

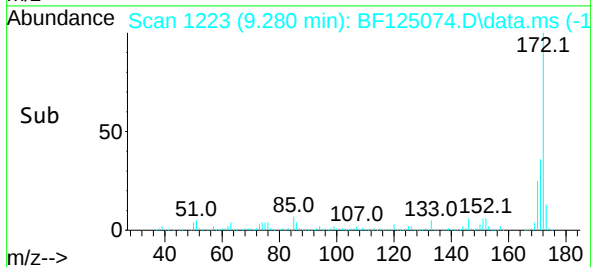
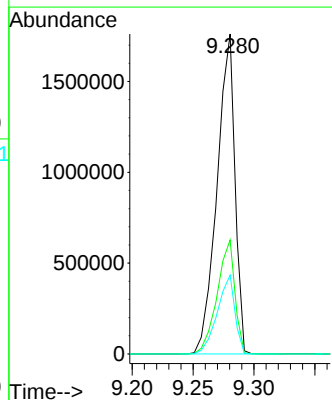
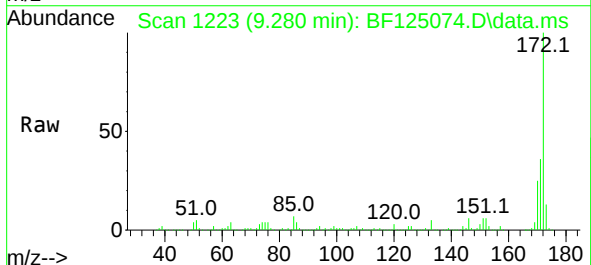
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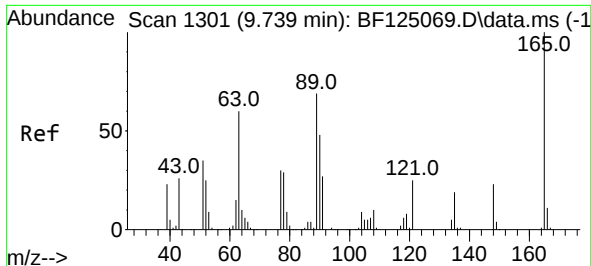
Tgt Ion: 330 Resp: 453513
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 32.7 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 64.160 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF125074.D
Acq: 17 Aug 2021 18:10

Tgt Ion: 172 Resp: 1807435
Ion Ratio Lower Upper
172 100
171 35.6 26.5 39.7
170 24.7 18.8 28.2

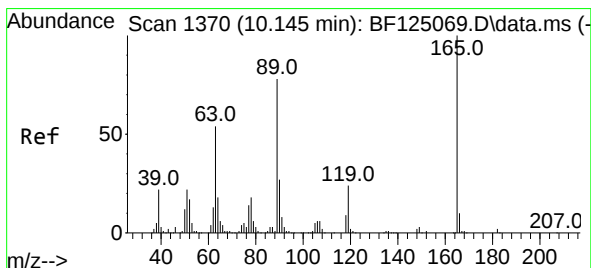
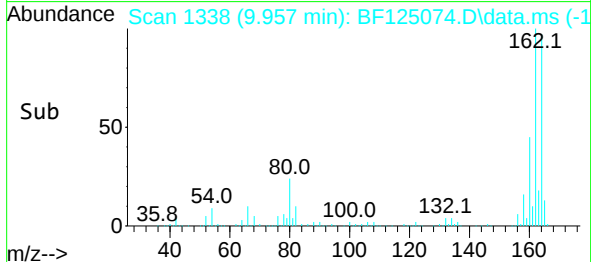
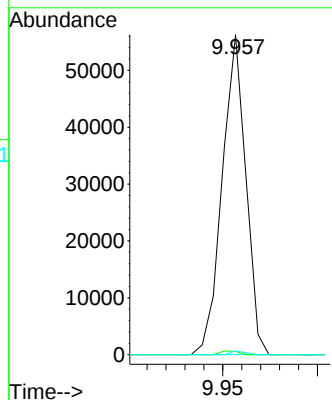
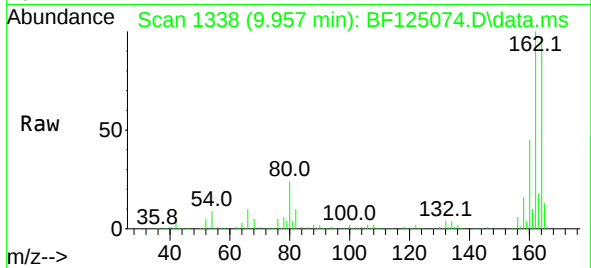




#51
2,6-Dinitrotoluene
Concen: 9.527 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.217 min
Lab File: BF125074.D
Acq: 17 Aug 2021 18:10

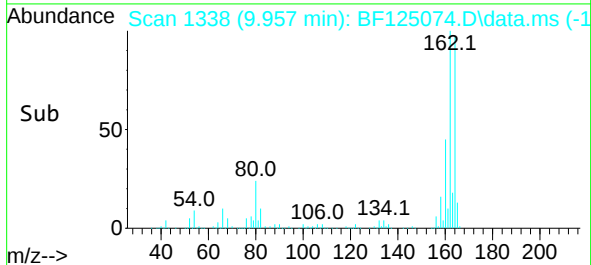
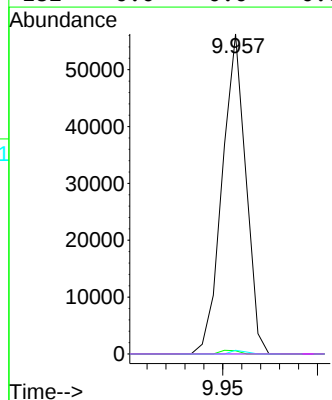
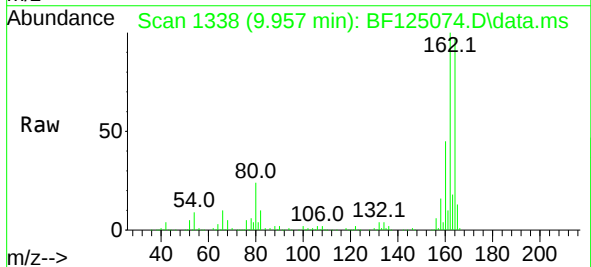
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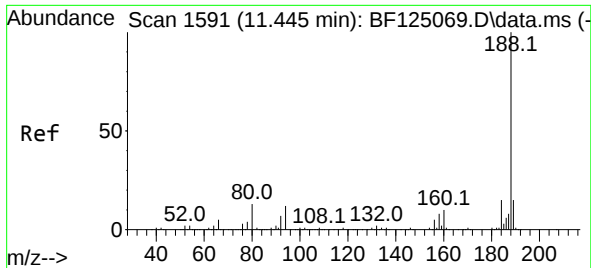
Tgt Ion:165 Resp: 48786
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 8.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF125074.D
Acq: 17 Aug 2021 18:10

Tgt Ion:165 Resp: 48786
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

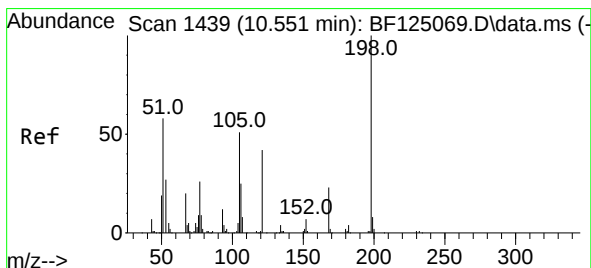
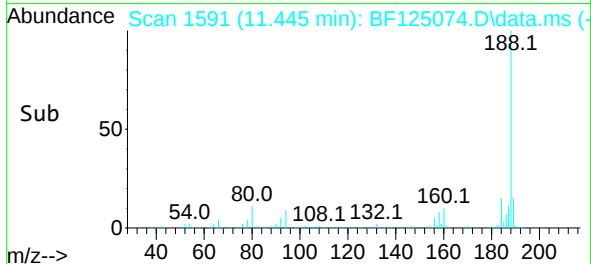
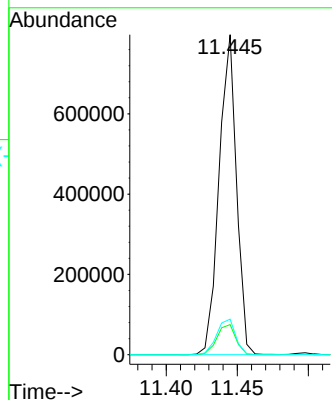
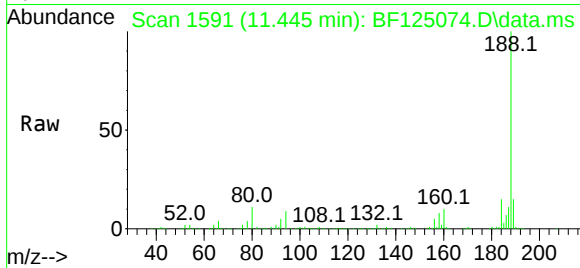




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BF125074.D
Acq: 17 Aug 2021 18:10

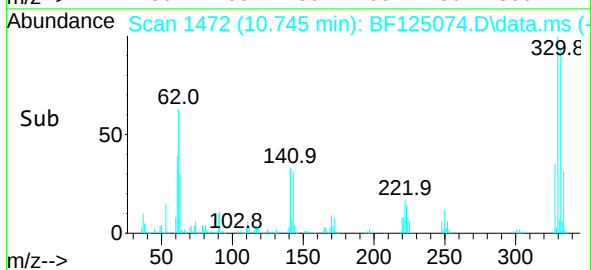
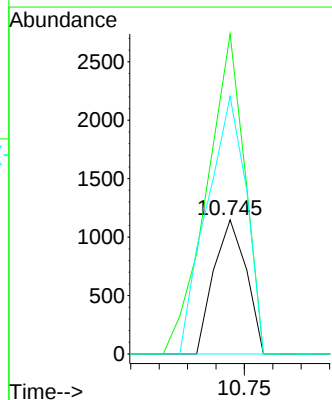
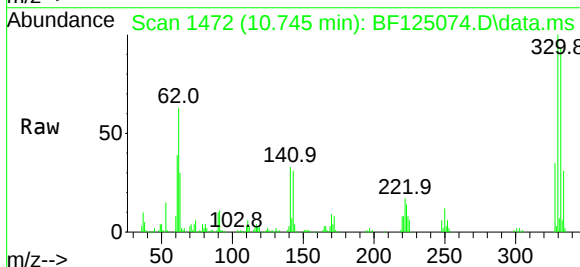
Instrument :
BNA_F
ClientSampleId :
PB138424BL

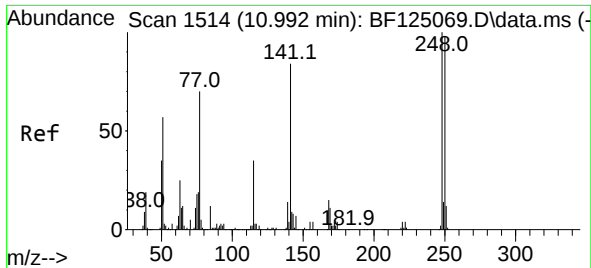
Tgt Ion:188 Resp: 677389
Ion Ratio Lower Upper
188 100
94 9.4 6.7 10.1
80 11.1 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 5.505 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.194 min
Lab File: BF125074.D
Acq: 17 Aug 2021 18:10

Tgt Ion:198 Resp: 912
Ion Ratio Lower Upper
198 100
51 238.5 45.3 85.3#
105 192.0 30.6 70.6#

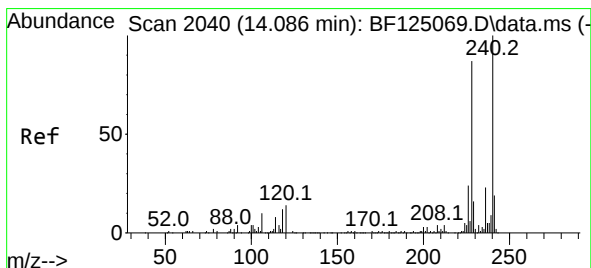
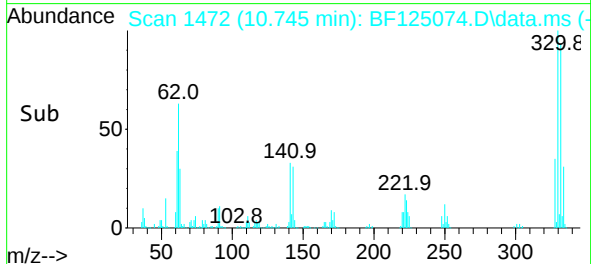
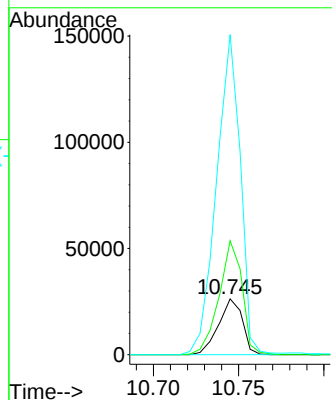
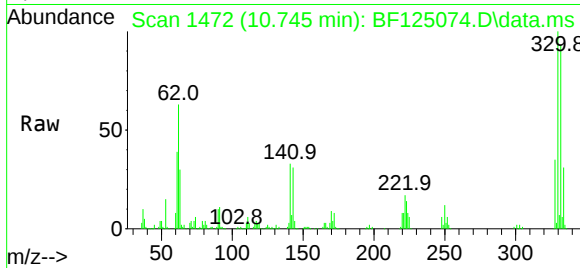




#67
4-Bromophenyl-phenylether
Concen: 3.588 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF125074.D
Acq: 17 Aug 2021 18:10

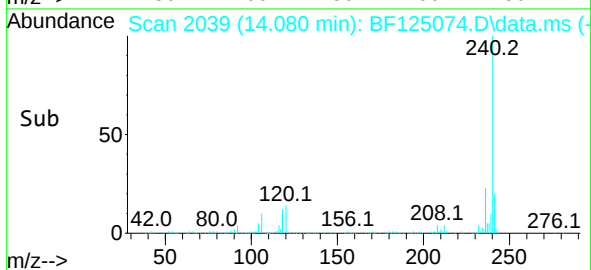
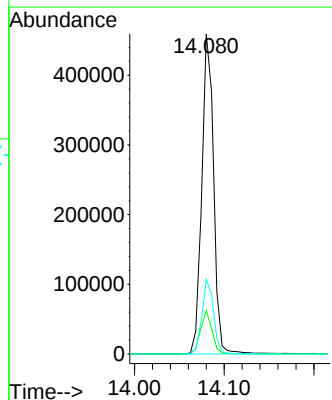
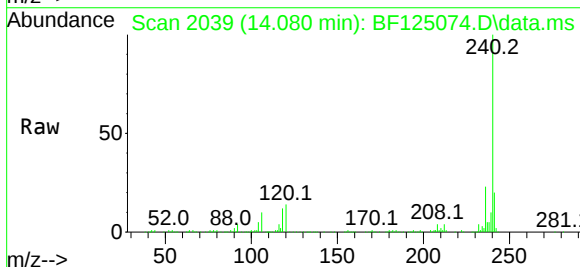
Instrument :
BNA_F
ClientSampleId :
PB138424BL

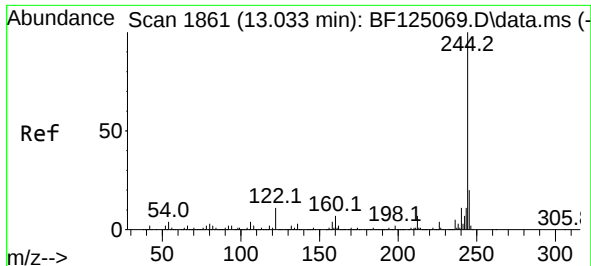
Tgt Ion:248 Resp: 25610
Ion Ratio Lower Upper
248 100
250 203.9 74.2 111.4#
141 572.7 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF125074.D
Acq: 17 Aug 2021 18:10

Tgt Ion:240 Resp: 420866
Ion Ratio Lower Upper
240 100
120 13.6 10.8 16.2
236 23.2 21.6 32.4

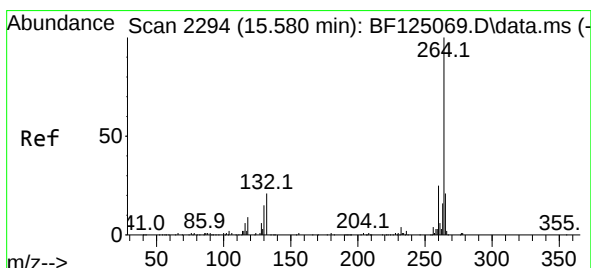
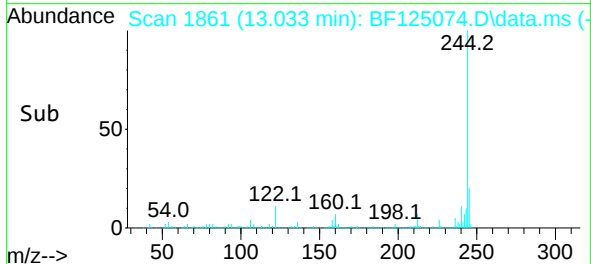
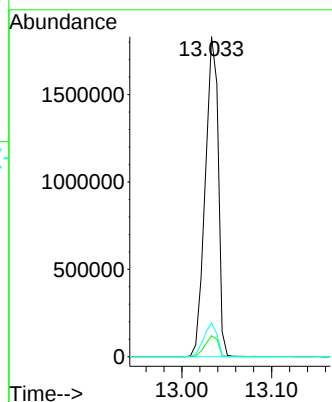
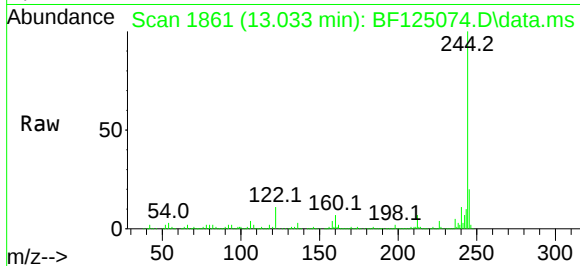




#79
Terphenyl-d14
Concen: 63.031 ng
RT: 13.033 min Scan# 1861
Delta R.T. -0.000 min
Lab File: BF125074.D
Acq: 17 Aug 2021 18:10

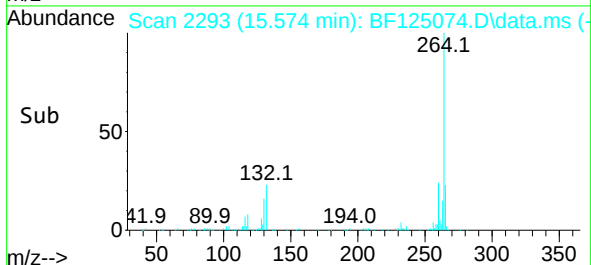
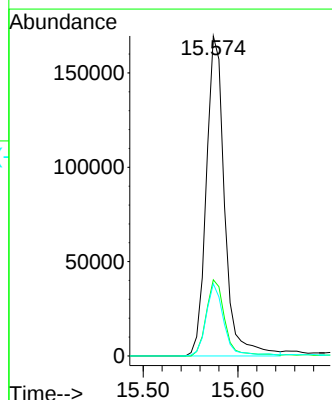
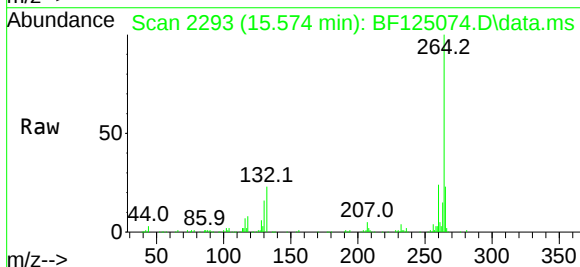
Instrument :
BNA_F
ClientSampleId :
PB138424BL

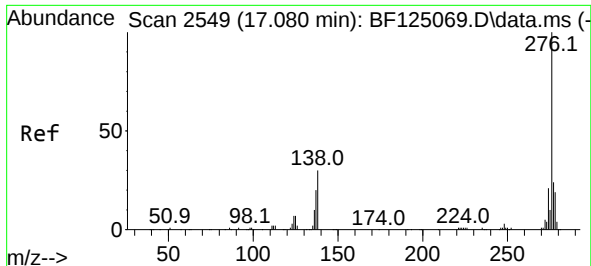
Tgt Ion:244 Resp: 1842298
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 10.6 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BF125074.D
Acq: 17 Aug 2021 18:10

Tgt Ion:264 Resp: 228028
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 22.5 17.2 25.8

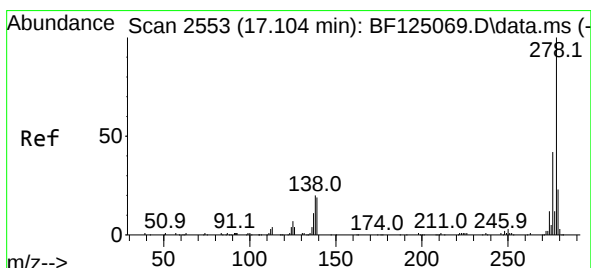
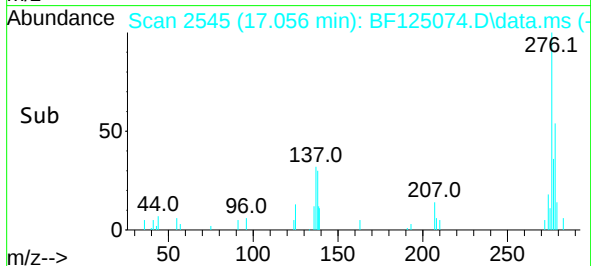
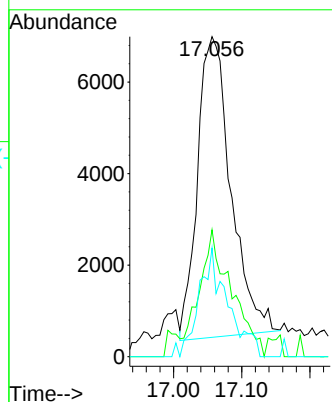
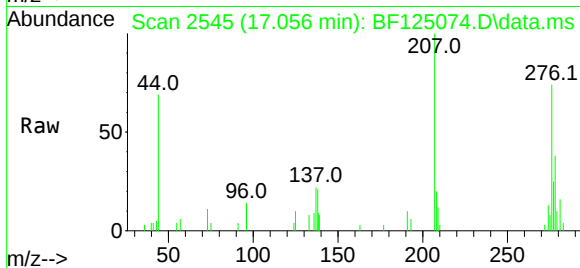




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.833 ng
 RT: 17.056 min Scan# 2545
 Delta R.T. -0.024 min
 Lab File: BF125074.D
 Acq: 17 Aug 2021 18:10

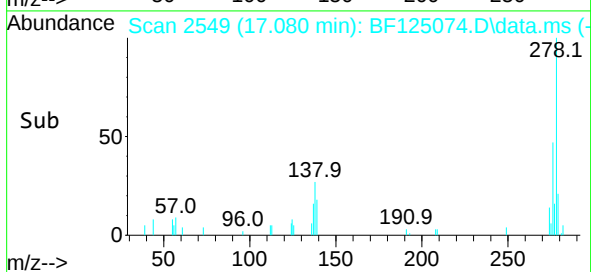
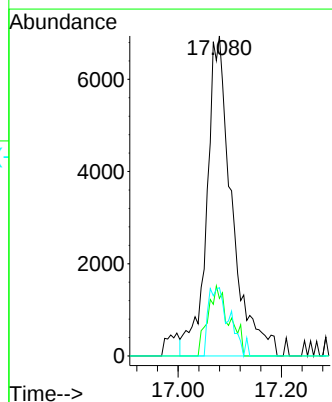
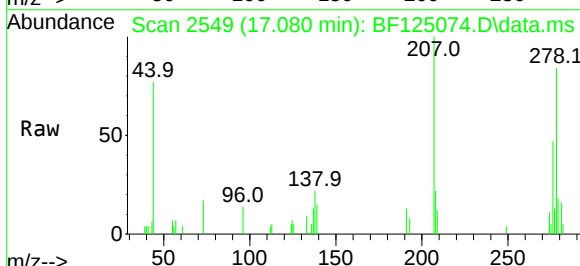
Instrument :
 BNA_F
 ClientSampleID :
 PB138424BL

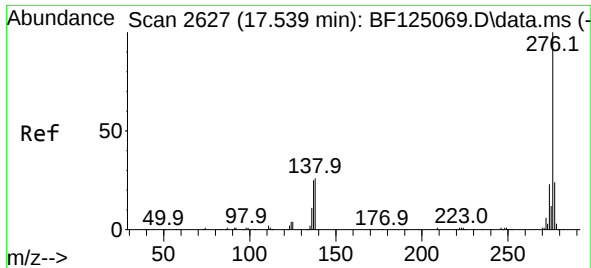
Tgt Ion:	276	Resp:	22380
Ion Ratio	Lower	Upper	
276	100		
138	40.9	24.1	36.1#
277	31.3	18.8	28.2#



#91
 Dibenzo(a,h)anthracene
 Concen: 3.120 ng
 RT: 17.080 min Scan# 2549
 Delta R.T. -0.024 min
 Lab File: BF125074.D
 Acq: 17 Aug 2021 18:10

Tgt Ion:	278	Resp:	23400
Ion Ratio	Lower	Upper	
278	100		
139	18.0	14.9	22.3
279	21.4	19.7	29.5





#92
 Benzo(g,h,i)perylene
 Concen: 5.227 ng
 RT: 17.497 min Scan# 2620
 Delta R.T. -0.042 min
 Lab File: BF125074.D
 Acq: 17 Aug 2021 18:10

Instrument :
 BNA_F
 ClientSampleId :
 PB138424BL

Tgt Ion:	276	Resp:	24963
Ion	Ratio	Lower	Upper
276	100		
277	27.4	22.0	33.0
138	24.4	22.2	33.4

