

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081721\
 Data File : BF125078.D
 Acq On : 17 Aug 2021 20:34
 Operator : JU/CG
 Sample : M3412-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PG-1

Quant Time: Aug 18 05:02:25 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)

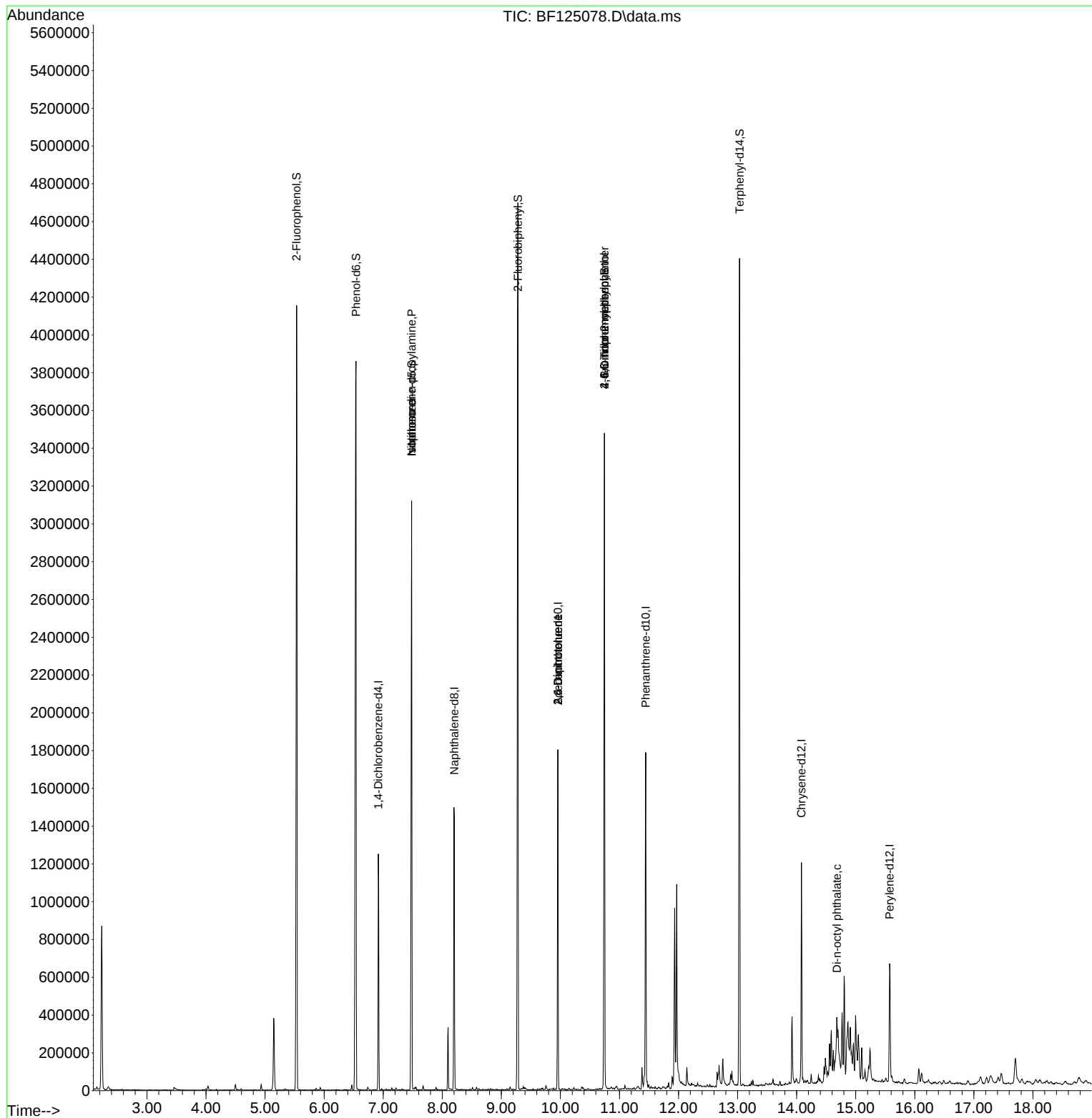
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	169285	20.000	ng	0.00
21) Naphthalene-d8	8.204	136	655599	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	312807	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	593371	20.000	ng	# 0.00
76) Chrysene-d12	14.080	240	367059	20.000	ng	0.00
86) Perylene-d12	15.574	264	279935	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1158251	102.216	ng	0.00
7) Phenol-d6	6.540	99	1413105	101.385	ng	0.00
23) Nitrobenzene-d5	7.481	82	952784	80.408	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	397198	136.007	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1469701	62.625	ng	0.00
79) Terphenyl-d14	13.033	244	1513892	59.387	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	133271	14.730	ng	# 63
25) Isophorone	7.481	82	947379	36.730	ng	# 59
51) 2,6-Dinitrotoluene	9.957	165	40506	9.495	ng	# 28
57) 2,4-Dinitrotoluene	9.957	165	40506	7.973	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.745	198	891	5.534	ng	# 1
67) 4-Bromophenyl-phenylether	10.745	248	23489	3.756	ng	# 1
85) Di-n-octyl phthalate	14.680	149	164350	6.460	ng	# 27

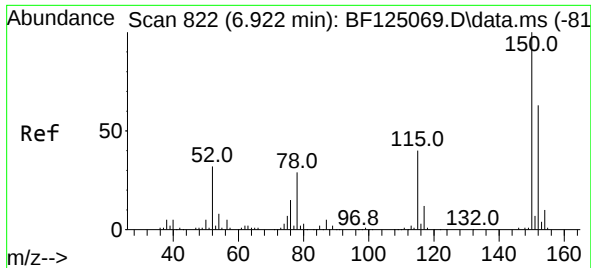
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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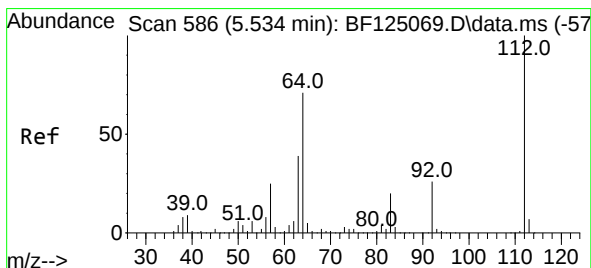
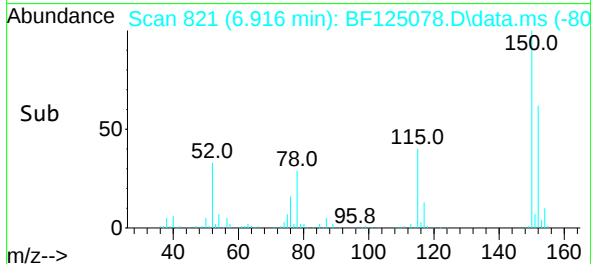
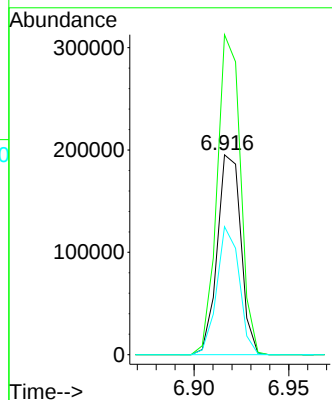
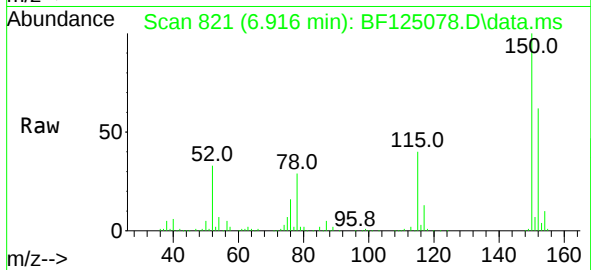




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BF125078.D
Acq: 17 Aug 2021 20:34

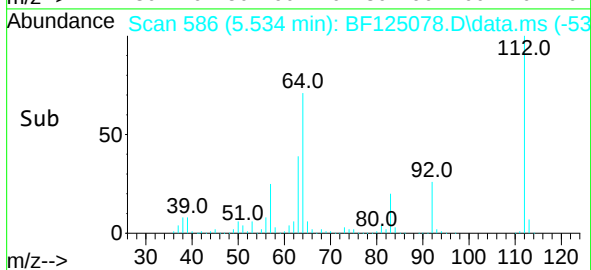
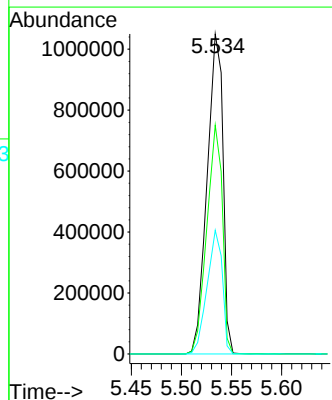
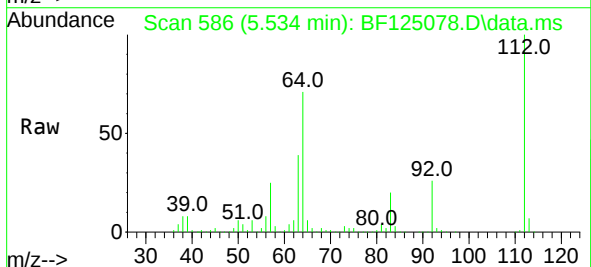
Instrument :
BNA_F
ClientSampled :
PG-1

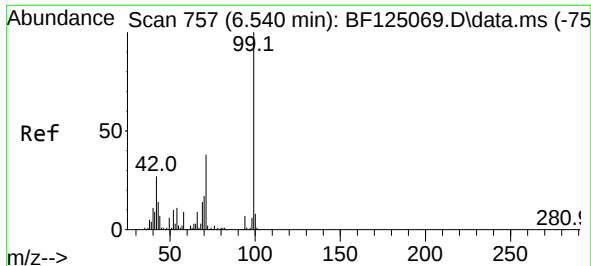
Tgt Ion:152 Resp: 169285
Ion Ratio Lower Upper
152 100
150 160.1 117.6 176.4
115 64.0 47.1 70.7



#5
2-Fluorophenol
Concen: 102.216 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.000 min
Lab File: BF125078.D
Acq: 17 Aug 2021 20:34

Tgt Ion:112 Resp: 1158251
Ion Ratio Lower Upper
112 100
64 71.5 44.2 66.2#
63 38.7 26.2 39.2

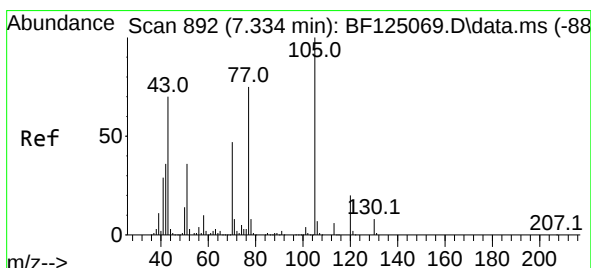
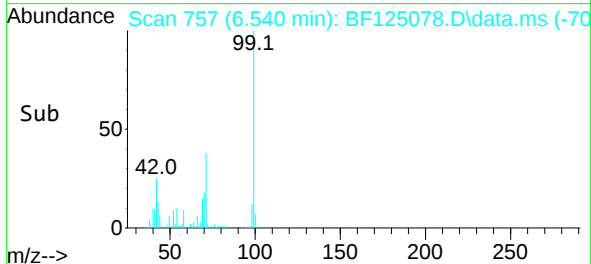
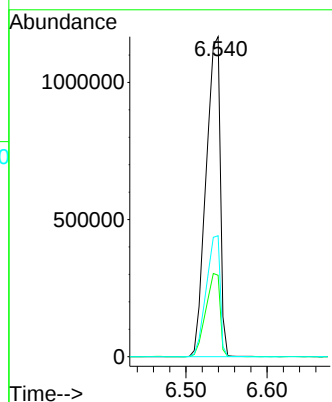
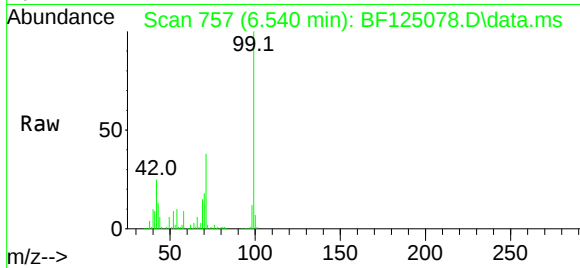




#7
Phenol-d6
Concen: 101.385 ng
RT: 6.540 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF125078.D
Acq: 17 Aug 2021 20:34

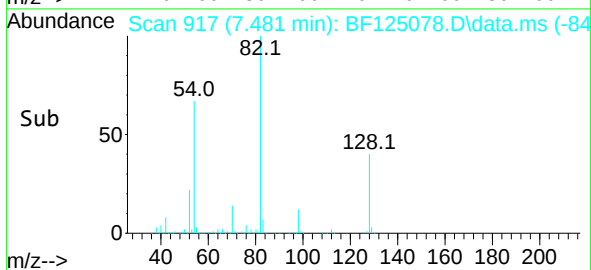
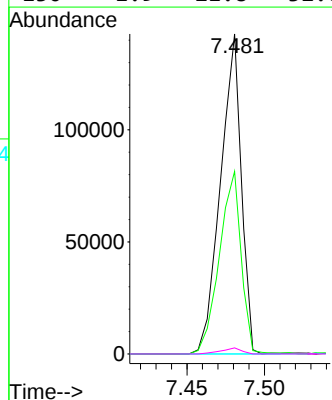
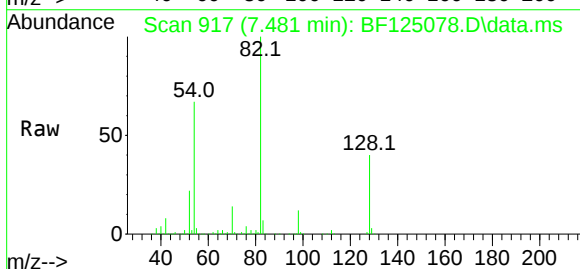
Instrument :
BNA_F
ClientSampled :
PG-1

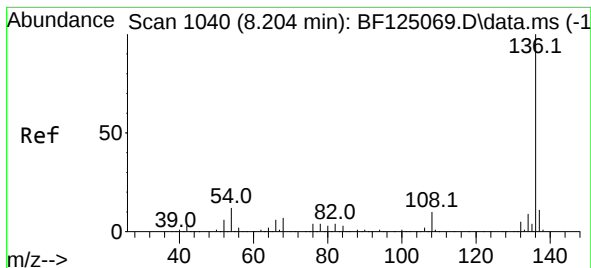
Tgt Ion: 99 Resp: 1413105
Ion Ratio Lower Upper
99 100
42 25.4 23.5 35.3
71 37.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.730 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.147 min
Lab File: BF125078.D
Acq: 17 Aug 2021 20:34

Tgt Ion: 70 Resp: 133271
Ion Ratio Lower Upper
70 100
42 57.0 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#

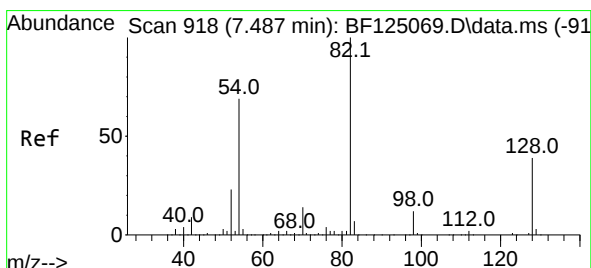
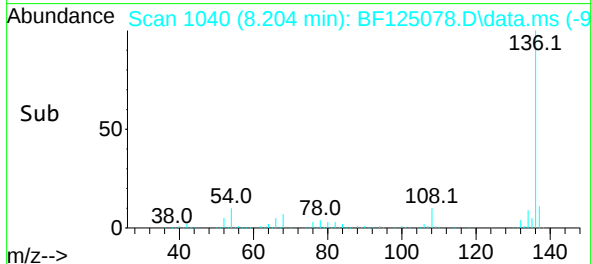
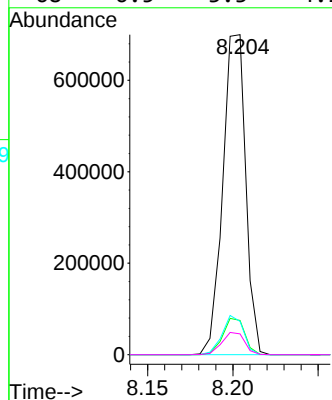
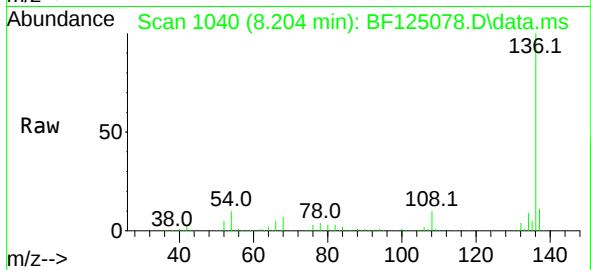




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF125078.D
Acq: 17 Aug 2021 20:34

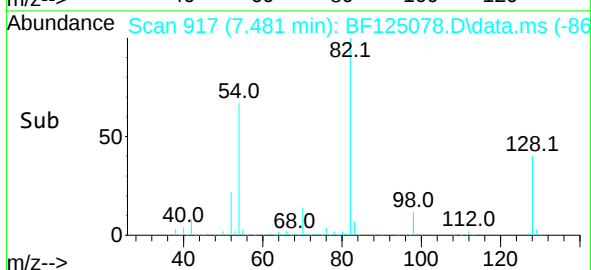
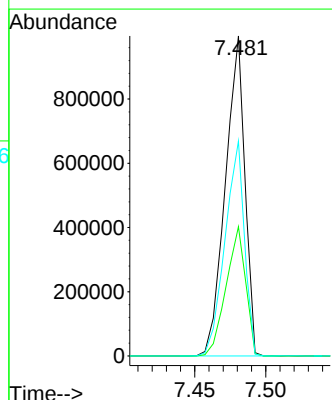
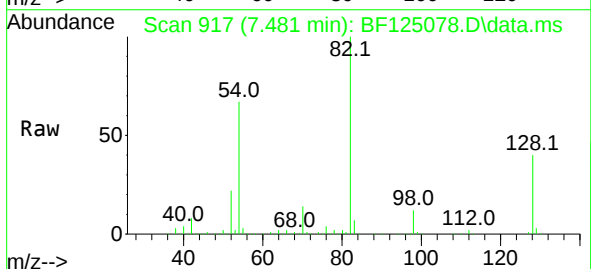
Instrument :
BNA_F
ClientSampled :
PG-1

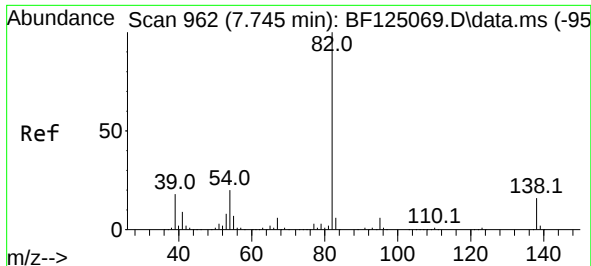
Tgt Ion:136 Resp: 655599
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 10.4 6.4 9.6#
68 6.5 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 80.408 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.006 min
Lab File: BF125078.D
Acq: 17 Aug 2021 20:34

Tgt Ion: 82 Resp: 952784
Ion Ratio Lower Upper
82 100
128 40.4 40.6 60.8#
54 67.1 49.6 74.4

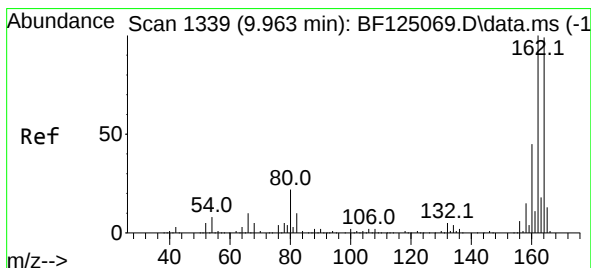
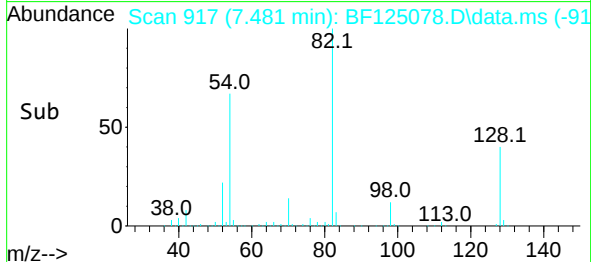
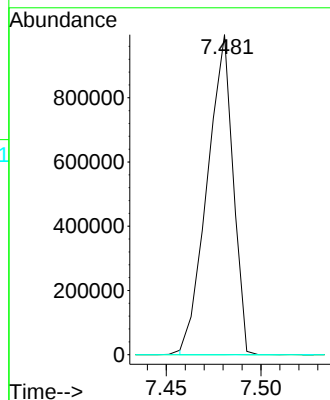
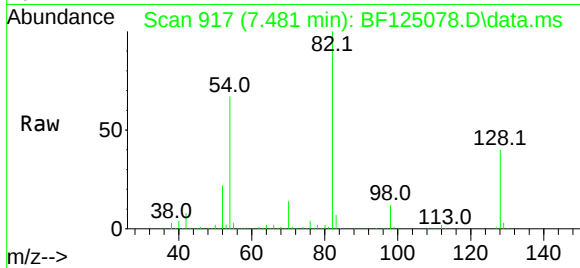




#25
Isophorone
Concen: 36.730 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.265 min
Lab File: BF125078.D
Acq: 17 Aug 2021 20:34

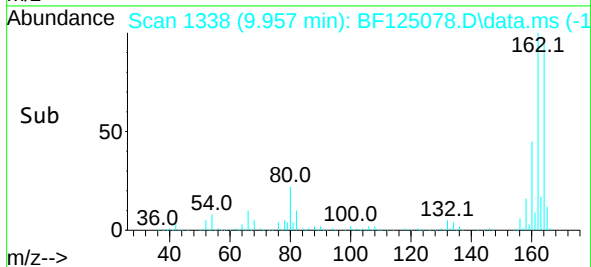
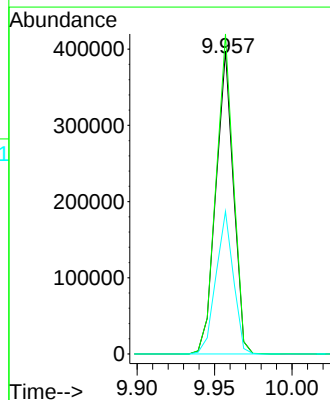
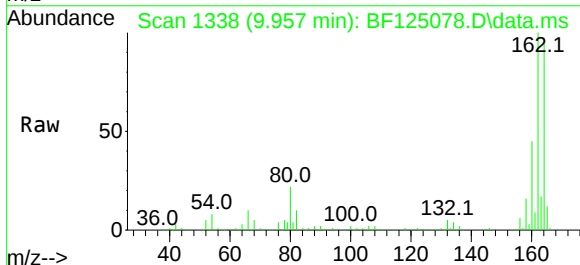
Instrument :
BNA_F
ClientSampled :
PG-1

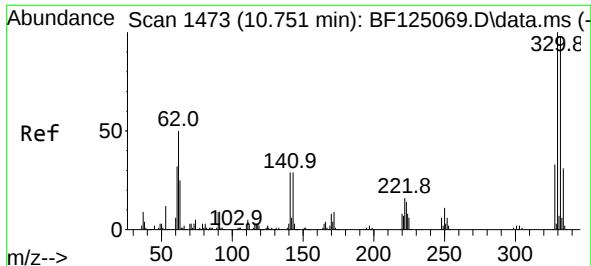
Tgt Ion: 82 Resp: 947379
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF125078.D
Acq: 17 Aug 2021 20:34

Tgt Ion: 164 Resp: 312807
Ion Ratio Lower Upper
164 100
162 105.6 81.3 121.9
160 47.0 38.0 57.0

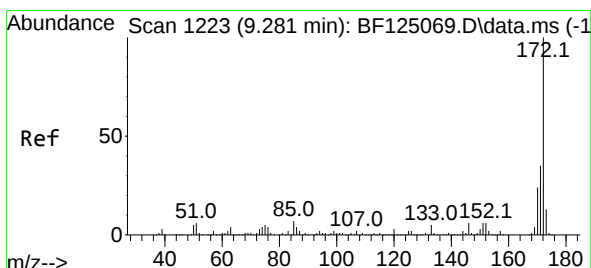
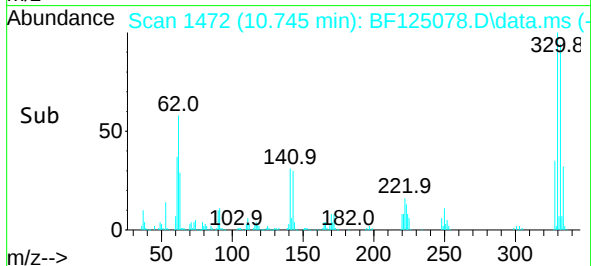
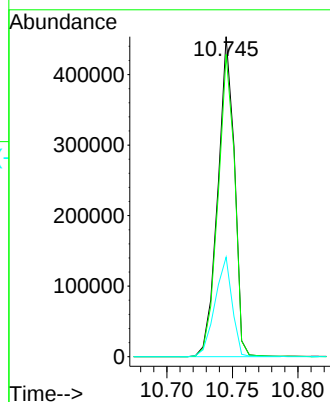
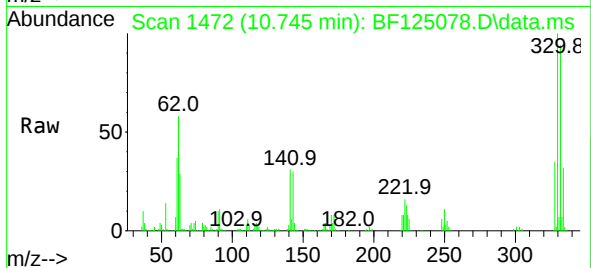




#42
2,4,6-Tribromophenol
Concen: 136.007 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.006 min
Lab File: BF125078.D
Acq: 17 Aug 2021 20:34

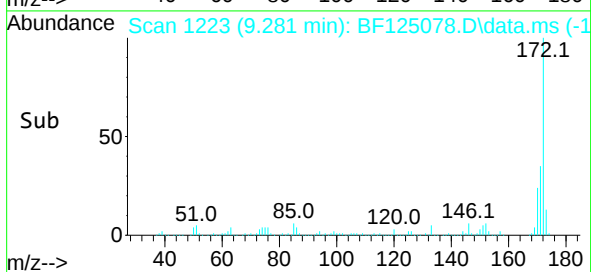
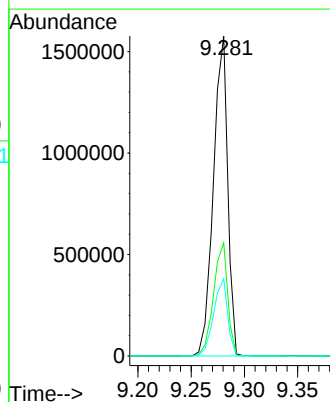
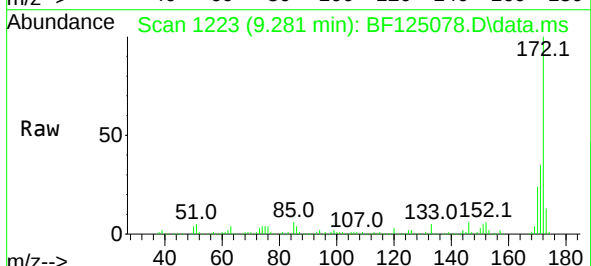
Instrument :
BNA_F
ClientSampled :
PG-1

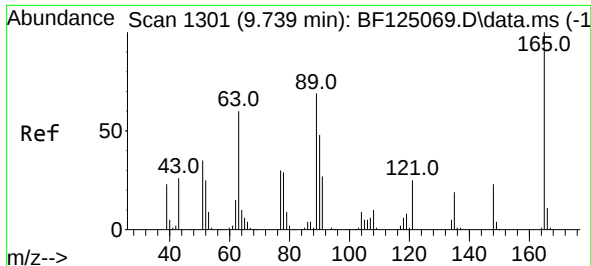
Tgt Ion: 330 Resp: 397198
Ion Ratio Lower Upper
330 100
332 95.0 76.2 114.4
141 32.4 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 62.625 ng
RT: 9.281 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF125078.D
Acq: 17 Aug 2021 20:34

Tgt Ion: 172 Resp: 1469701
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 24.1 18.8 28.2

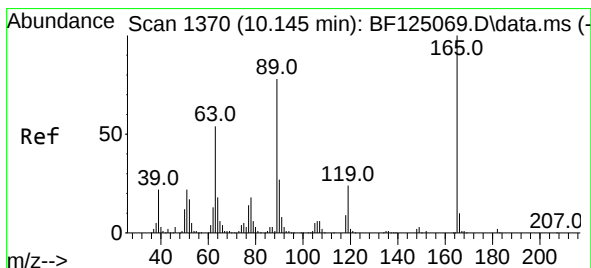
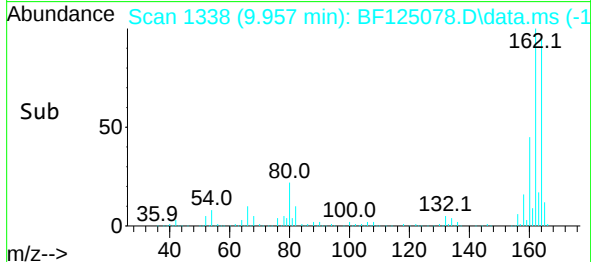
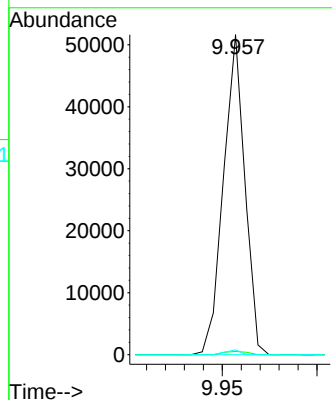
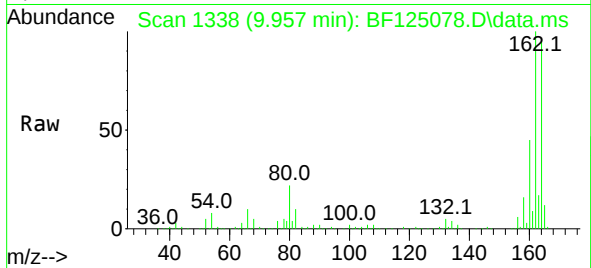




#51
2,6-Dinitrotoluene
Concen: 9.495 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.218 min
Lab File: BF125078.D
Acq: 17 Aug 2021 20:34

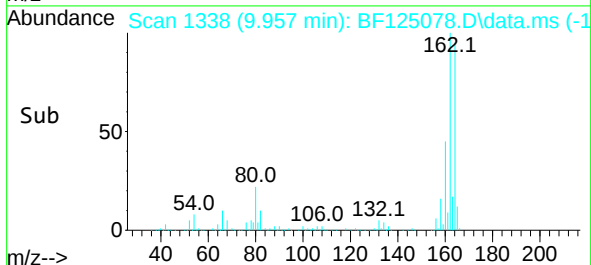
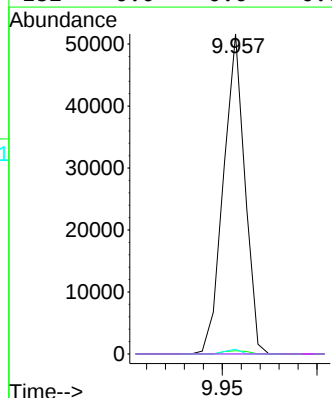
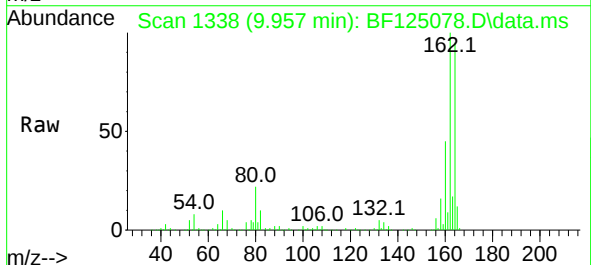
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BNA_F
ClientSampled :
PG-1

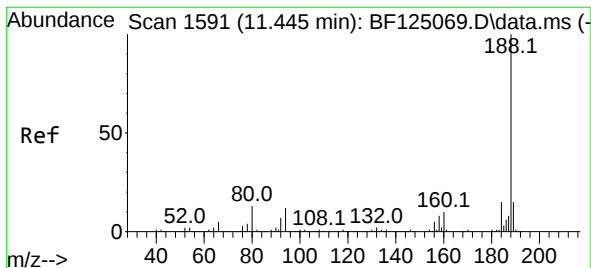
Tgt Ion:165 Resp: 40506
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.5 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.973 ng
RT: 9.957 min Scan# 1338
Delta R.T. -0.188 min
Lab File: BF125078.D
Acq: 17 Aug 2021 20:34

Tgt Ion:165 Resp: 40506
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.5 59.7 89.5#
182 0.0 0.0 0.0

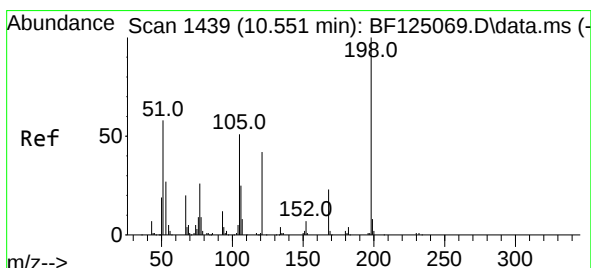
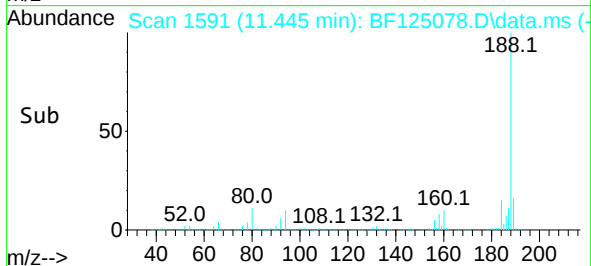
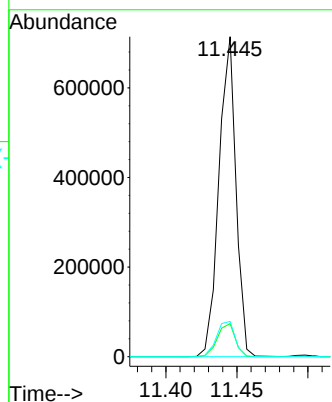
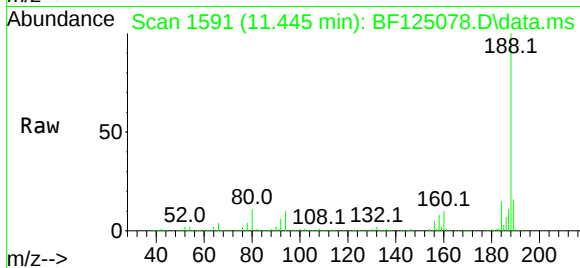




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BF125078.D
Acq: 17 Aug 2021 20:34

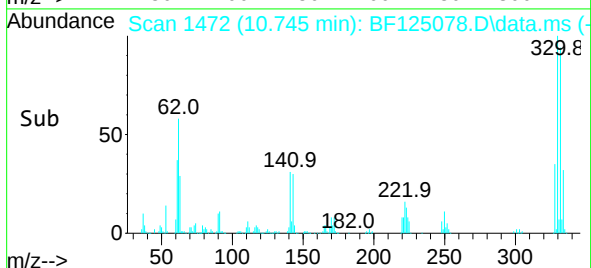
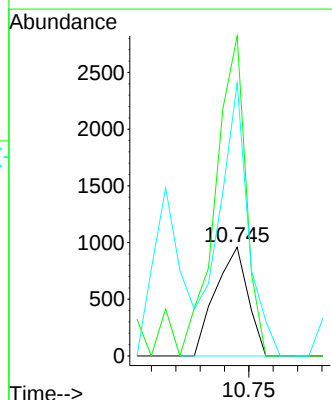
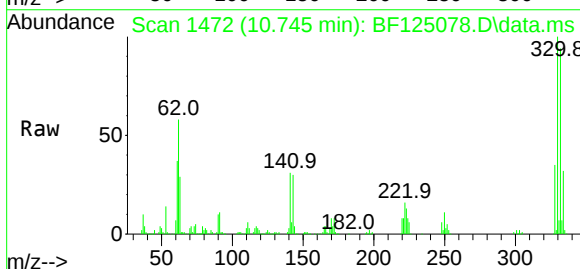
Instrument :
BNA_F
ClientSampled :
PG-1

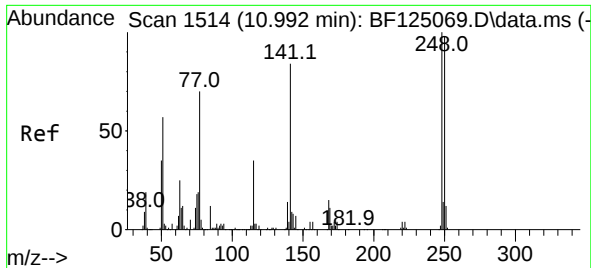
Tgt Ion:188 Resp: 593371
Ion Ratio Lower Upper
188 100
94 10.4 6.7 10.1#
80 11.0 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 5.534 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.194 min
Lab File: BF125078.D
Acq: 17 Aug 2021 20:34

Tgt Ion:198 Resp: 891
Ion Ratio Lower Upper
198 100
51 294.3 45.3 85.3#
105 250.9 30.6 70.6#

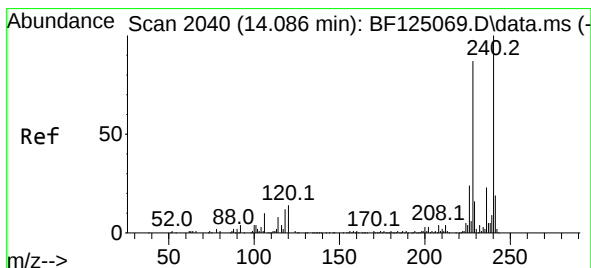
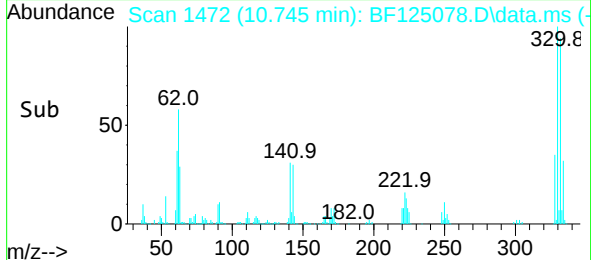
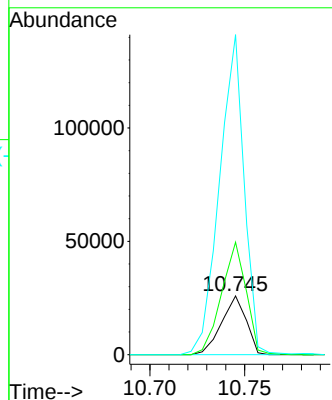
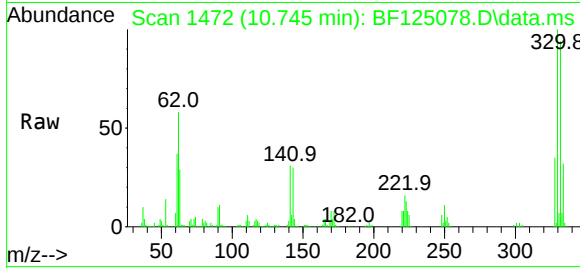




#67
4-Bromophenyl-phenylether
Concen: 3.756 ng
RT: 10.745 min Scan# 1472
Delta R.T. -0.247 min
Lab File: BF125078.D
Acq: 17 Aug 2021 20:34

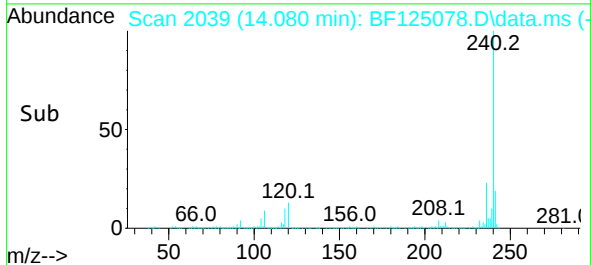
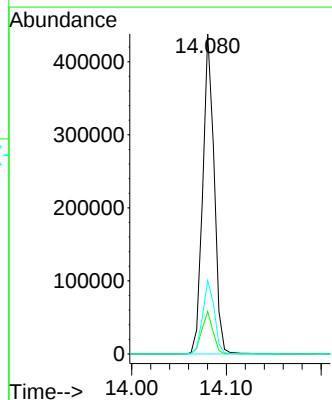
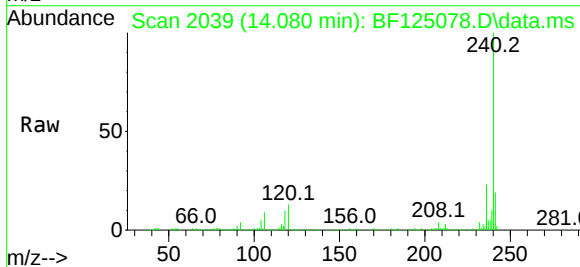
Instrument :
BNA_F
ClientSampled :
PG-1

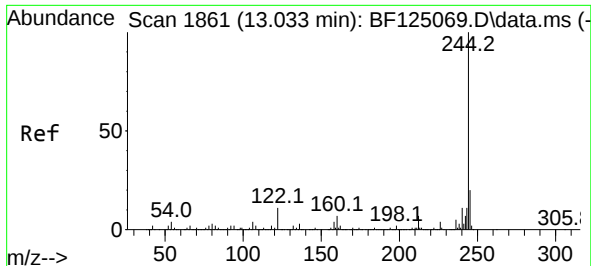
Tgt Ion:248 Resp: 23489
Ion Ratio Lower Upper
248 100
250 191.3 74.2 111.4#
141 544.2 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BF125078.D
Acq: 17 Aug 2021 20:34

Tgt Ion:240 Resp: 367059
Ion Ratio Lower Upper
240 100
120 13.2 10.8 16.2
236 22.9 21.6 32.4

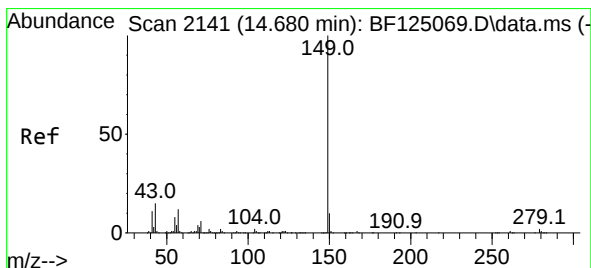
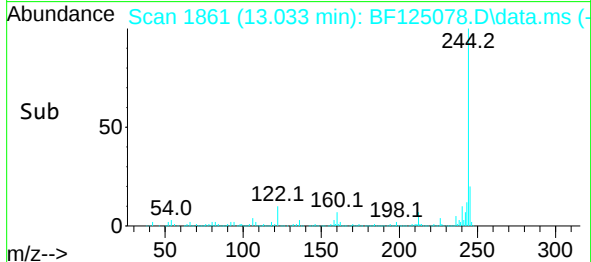
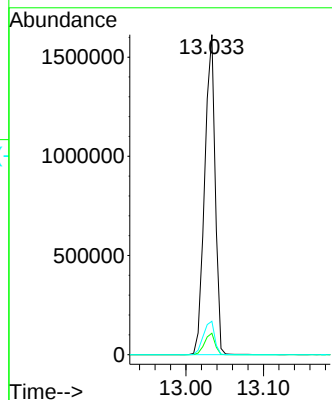
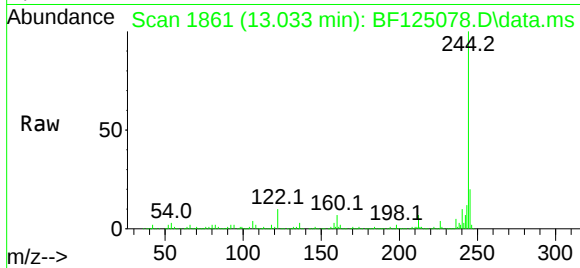




#79
 Terphenyl-d14
 Concen: 59.387 ng
 RT: 13.033 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: BF125078.D
 Acq: 17 Aug 2021 20:34

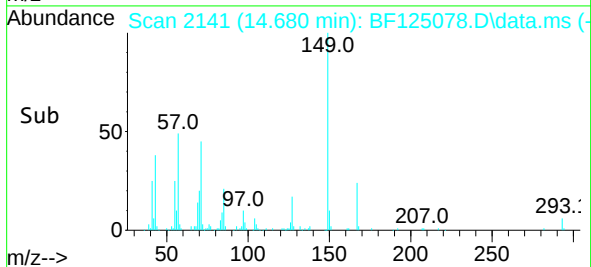
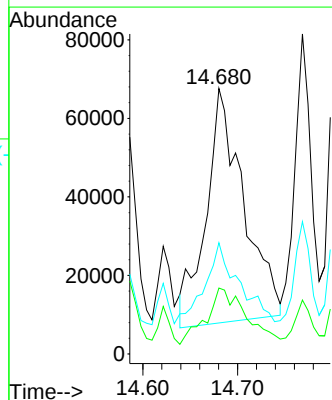
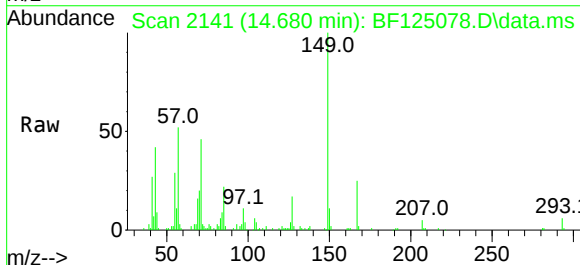
Instrument :
 BNA_F
 ClientSampled :
 PG-1

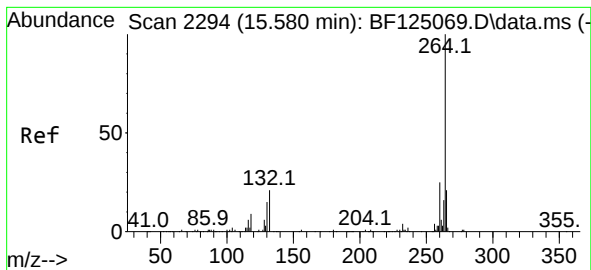
Tgt Ion:244 Resp: 1513892
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 10.4 9.0 13.4



#85
 Di-n-octyl phthalate
 Concen: 6.460 ng
 RT: 14.680 min Scan# 2141
 Delta R.T. 0.000 min
 Lab File: BF125078.D
 Acq: 17 Aug 2021 20:34

Tgt Ion:149 Resp: 164350
 Ion Ratio Lower Upper
 149 100
 167 31.9 1.0 1.6#
 43 40.7 9.9 14.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BF125078.D
Acq: 17 Aug 2021 20:34

Instrument :
BNA_F
ClientSampleId :
PG-1

Tgt Ion:264 Resp: 279935

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.6	29.4
265	21.8	17.2	25.8

