

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091421\
 Data File : BF125471.D
 Acq On : 14 Sep 2021 13:20
 Operator : JU/CG
 Sample : M3686-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MAIN-GUARD-HOUSE-JET-GROUT

Quant Time: Sep 14 13:51:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 14 11:45:52 2021
 Response via : Initial Calibration

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

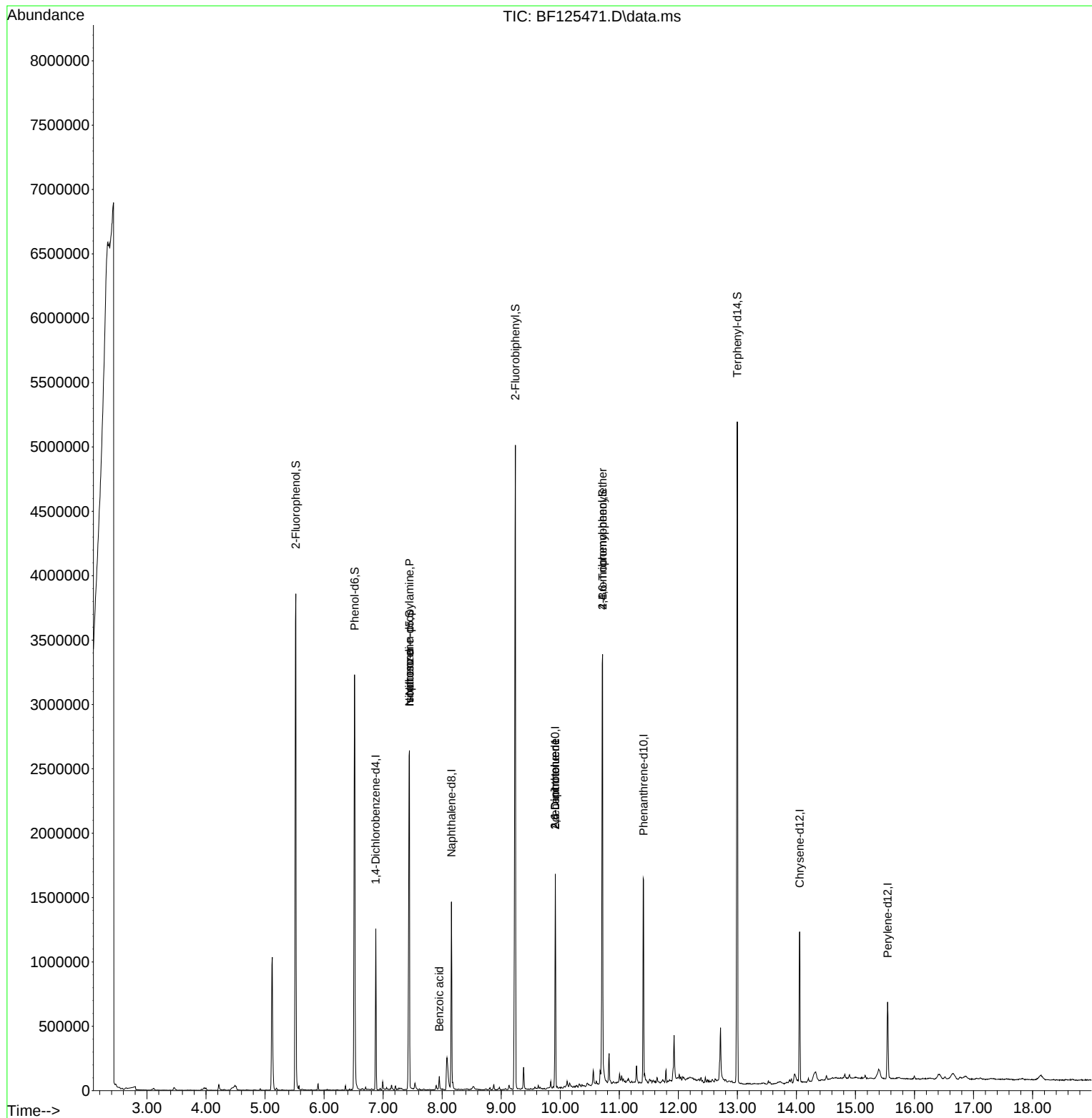
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	161517	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	632603	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	339921	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	629933	20.000	ng	0.00
76) Chrysene-d12	14.057	240	436025	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	279121	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1103170	103.380	ng	0.02
7) Phenol-d6	6.516	99	1273751	92.294	ng	0.00
23) Nitrobenzene-d5	7.445	82	1042321	82.950	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	524369	154.537	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1781229	73.033	ng	0.00
79) Terphenyl-d14	12.998	244	2169036	79.249	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	140275	16.898	ng	# 56
25) Isophorone	7.445	82	1039046	42.864	ng	# 59
32) Benzoic acid	7.951	122	21155	3.256	ng	# 21
51) 2,6-Dinitrotoluene	9.916	165	42346	8.290	ng	# 28
57) 2,4-Dinitrotoluene	9.916	165	42346	6.850	ng	# 20
67) 4-Bromophenyl-phenylether	10.716	248	31408	4.152	ng	# 1

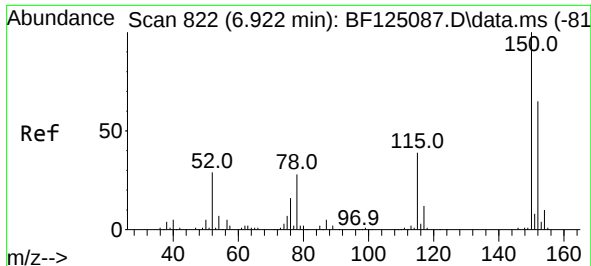
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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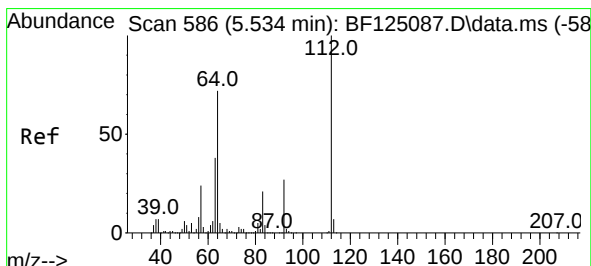
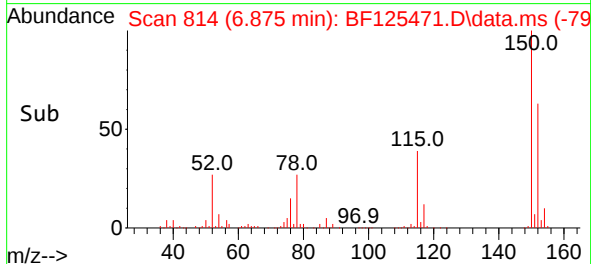
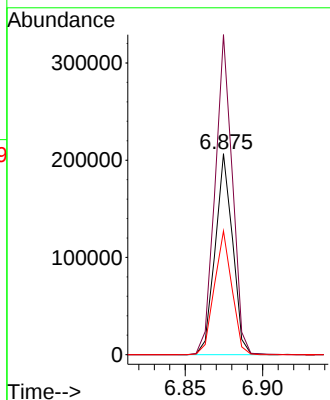
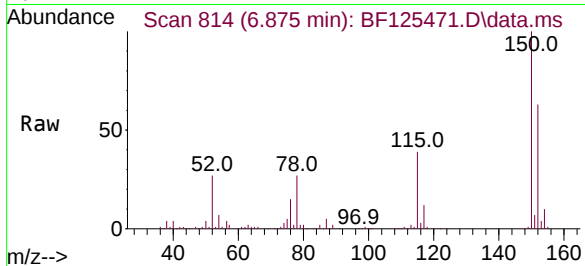




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 814
 Delta R.T. -0.006 min
 Lab File: BF125471.D
 Acq: 14 Sep 2021 13:20

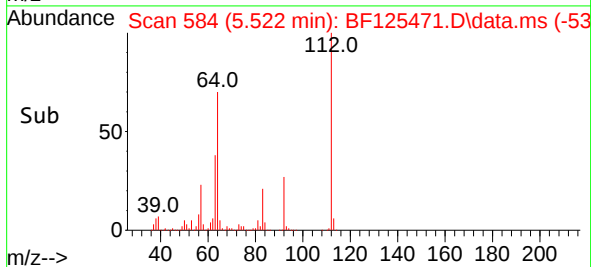
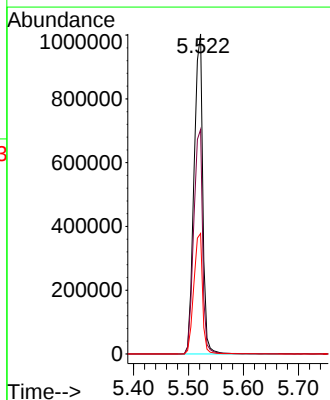
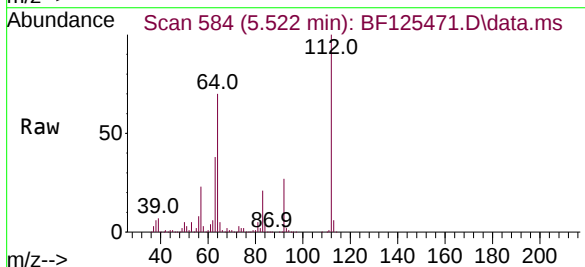
Instrument :
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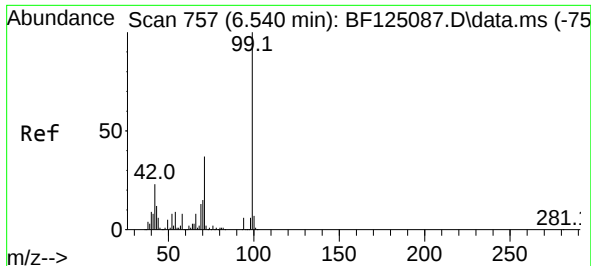
Tgt Ion:152 Resp: 161517
 Ion Ratio Lower Upper
 152 100
 150 159.2 117.6 176.4
 115 61.5 47.1 70.7



#5
 2-Fluorophenol
 Concen: 103.380 ng
 RT: 5.522 min Scan# 584
 Delta R.T. 0.017 min
 Lab File: BF125471.D
 Acq: 14 Sep 2021 13:20

Tgt Ion:112 Resp: 1103170
 Ion Ratio Lower Upper
 112 100
 64 70.2 44.2 66.2#
 63 37.6 26.2 39.2

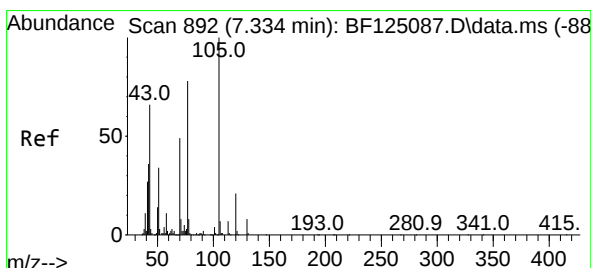
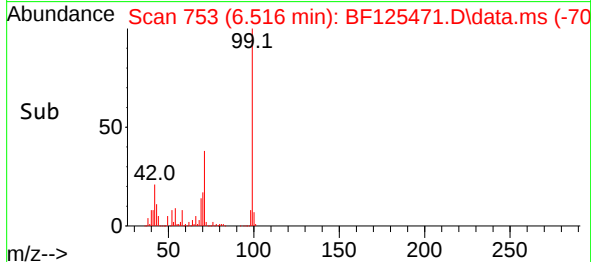
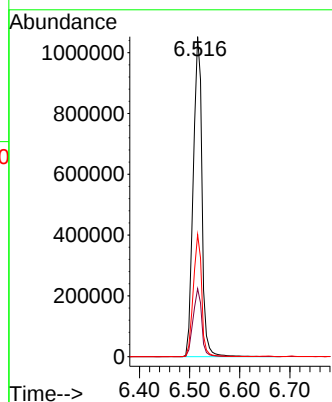
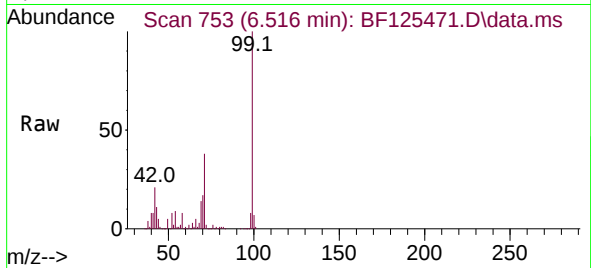




#7
Phenol-d6
Concen: 92.294 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF125471.D
Acq: 14 Sep 2021 13:20

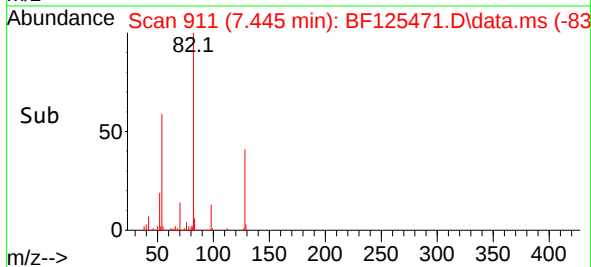
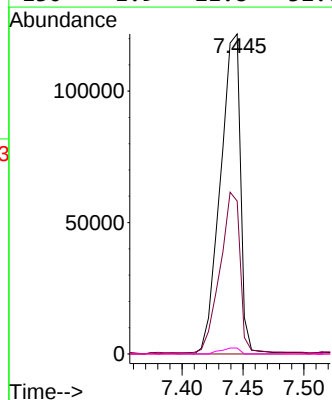
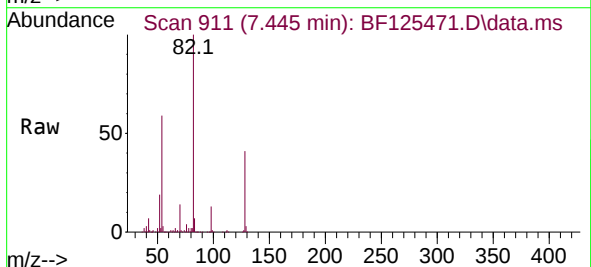
Instrument :
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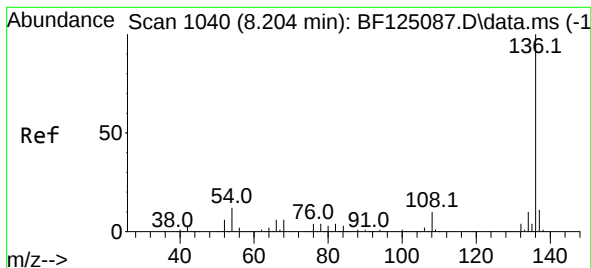
Tgt Ion: 99 Resp: 1273751
Ion Ratio Lower Upper
99 100
42 21.2 23.5 35.3#
71 38.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.898 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF125471.D
Acq: 14 Sep 2021 13:20

Tgt Ion: 70 Resp: 140275
Ion Ratio Lower Upper
70 100
42 47.8 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#

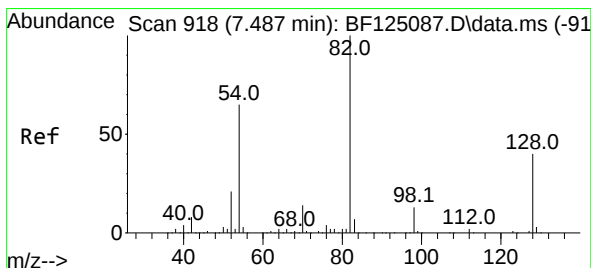
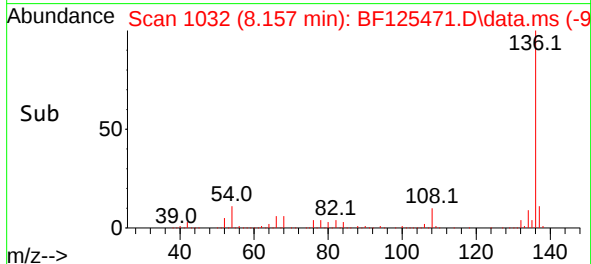
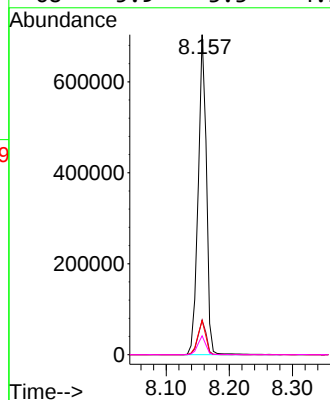
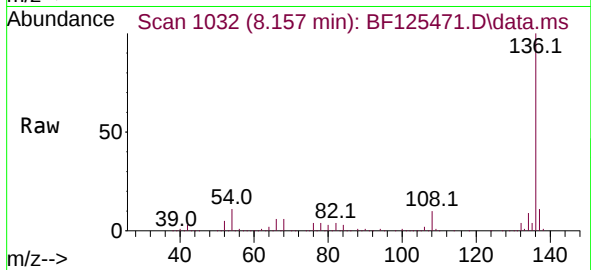




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF125471.D
Acq: 14 Sep 2021 13:20

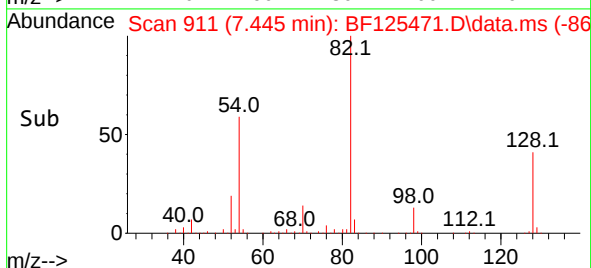
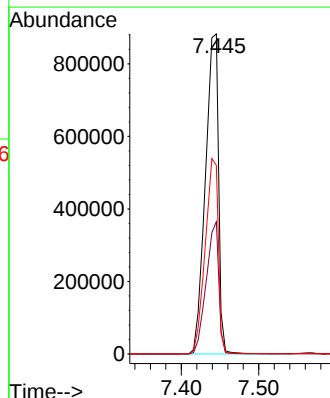
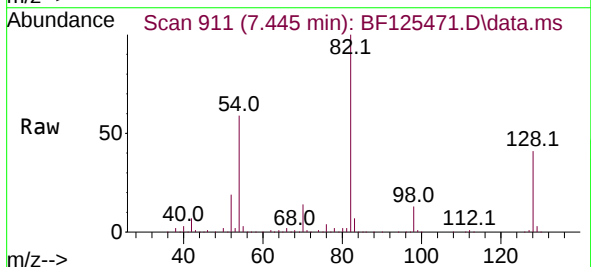
Instrument :
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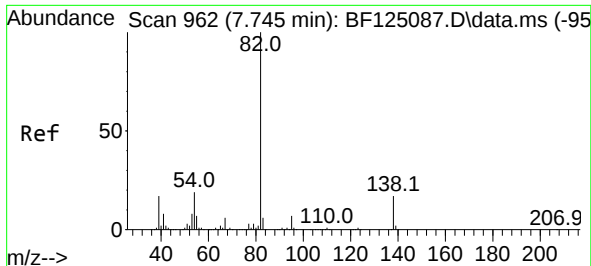
Tgt Ion:136	Resp: 632603
Ion Ratio	Lower Upper
136 100	
137 10.9	9.8 14.6
54 10.6	6.4 9.6#
68 5.9	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 82.950 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125471.D
Acq: 14 Sep 2021 13:20

Tgt Ion: 82		Resp: 1042321	
Ion	Ratio	Lower	Upper
82	100		
128	41.3	40.6	60.8
54	58.9	49.6	74.4

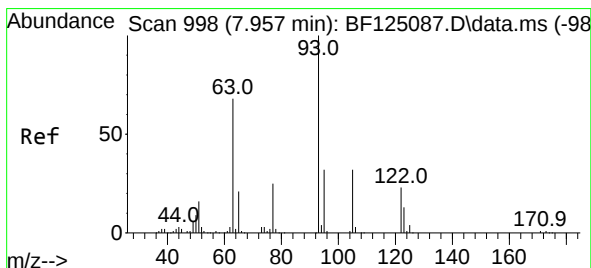
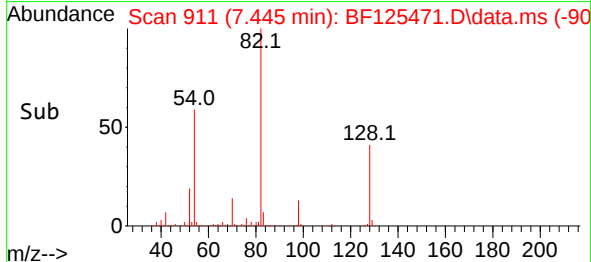
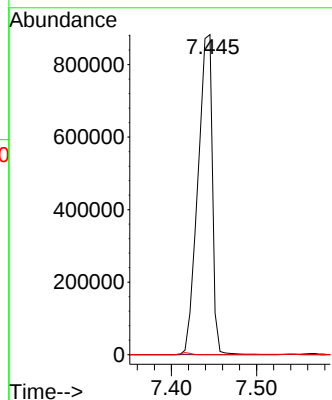
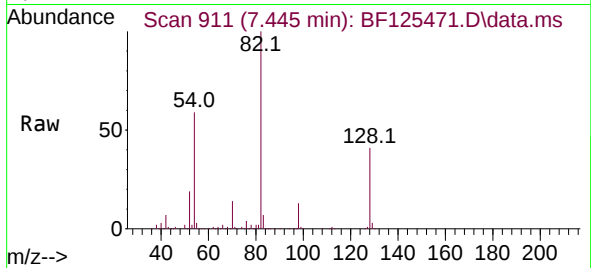




#25
Isophorone
Concen: 42.864 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF125471.D
Acq: 14 Sep 2021 13:20

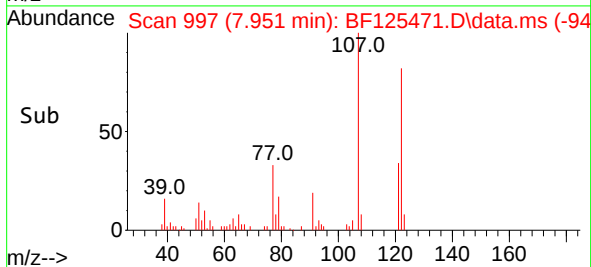
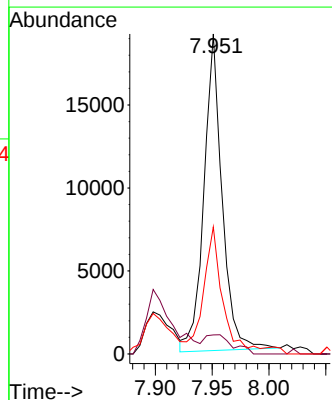
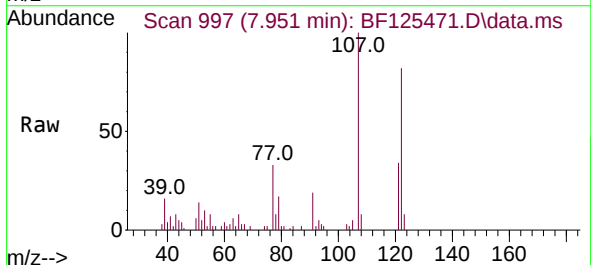
Instrument :
BNA_F
ClientSampleId :
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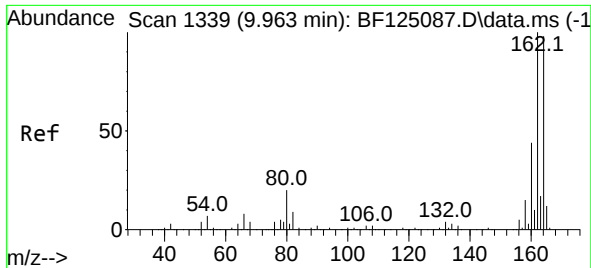
Tgt Ion: 82 Resp: 1039046
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 3.256 ng
RT: 7.951 min Scan# 997
Delta R.T. -0.012 min
Lab File: BF125471.D
Acq: 14 Sep 2021 13:20

Tgt Ion:122 Resp: 21155
Ion Ratio Lower Upper
122 100
105 6.0 97.6 137.6#
77 39.7 59.6 99.6#

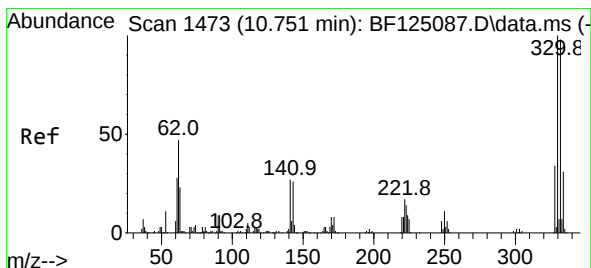
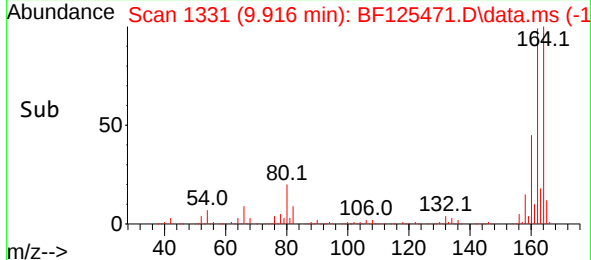
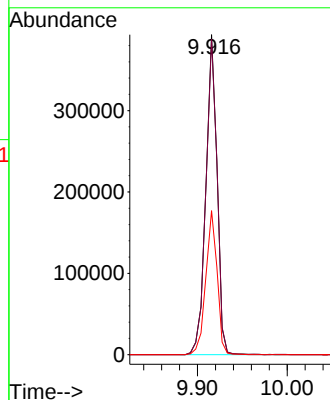
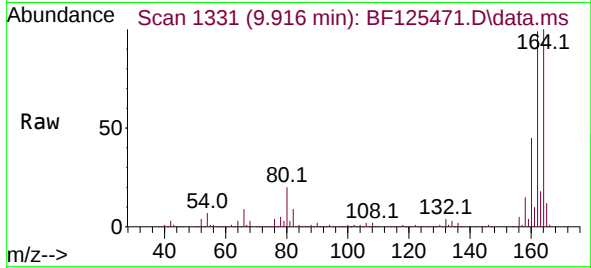




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF125471.D
Acq: 14 Sep 2021 13:20

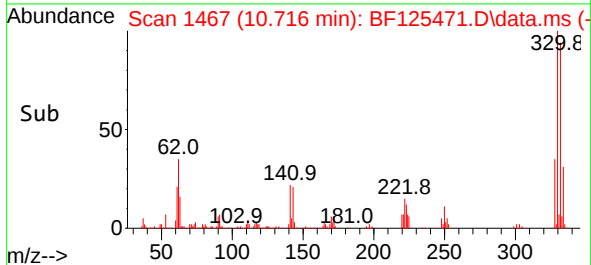
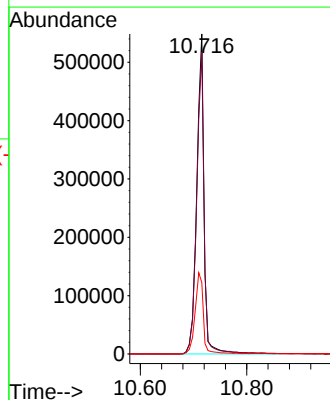
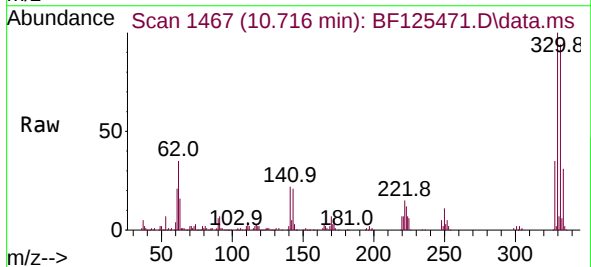
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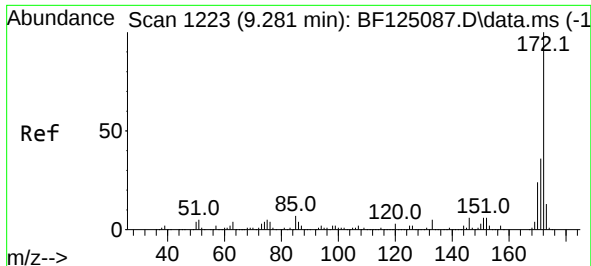
Tgt Ion:164 Resp: 339921
Ion Ratio Lower Upper
164 100
162 98.6 81.3 121.9
160 45.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 154.537 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF125471.D
Acq: 14 Sep 2021 13:20

Tgt Ion:330 Resp: 524369
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 28.6 44.6 66.8#

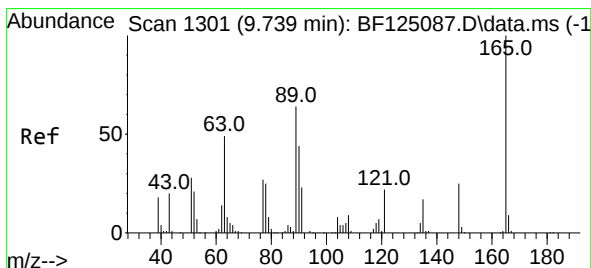
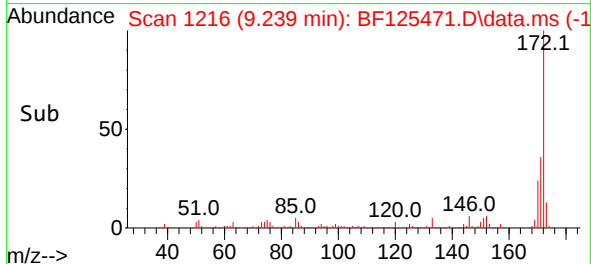
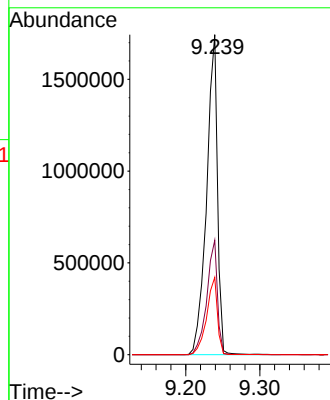
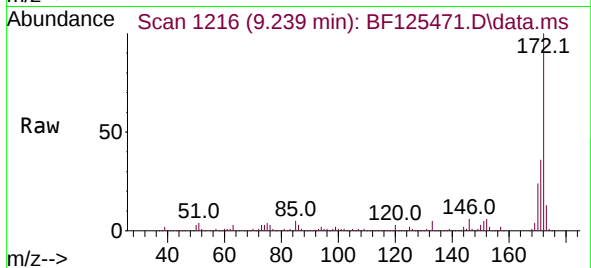




#45
2-Fluorobiphenyl
Concen: 73.033 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BF125471.D
Acq: 14 Sep 2021 13:20

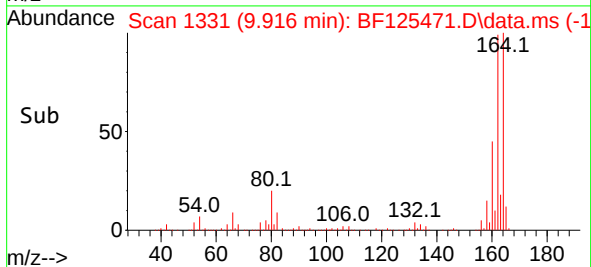
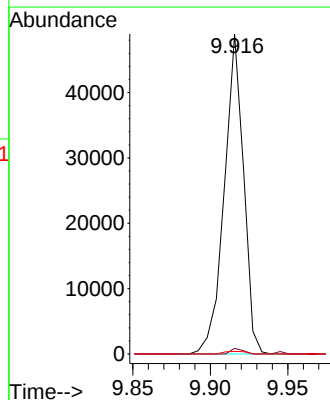
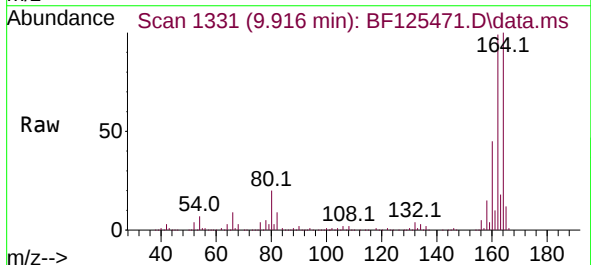
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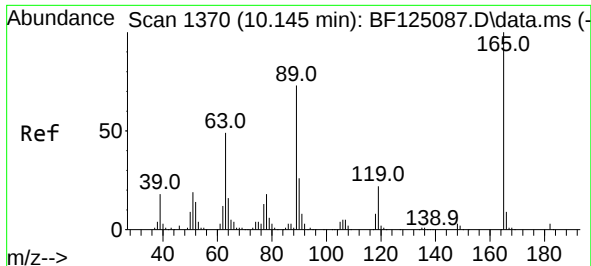
Tgt Ion:172 Resp: 1781229
Ion Ratio Lower Upper
172 100
171 35.7 26.5 39.7
170 24.2 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 8.290 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.206 min
Lab File: BF125471.D
Acq: 14 Sep 2021 13:20

Tgt Ion:165 Resp: 42346
Ion Ratio Lower Upper
165 100
63 1.8 42.6 63.8#
89 0.8 40.6 60.8#

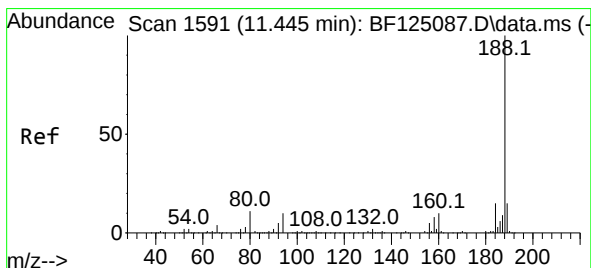
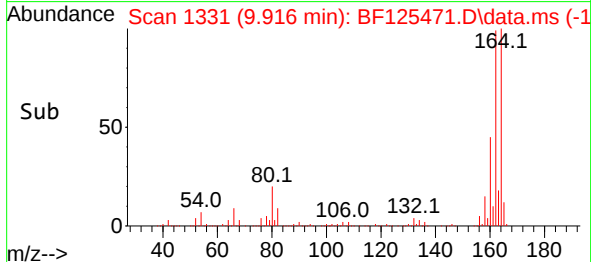
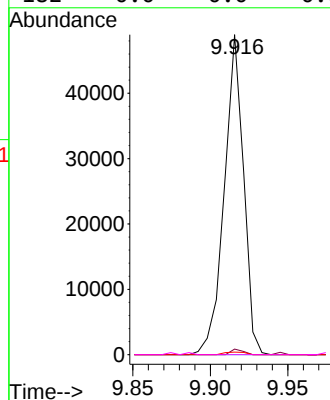
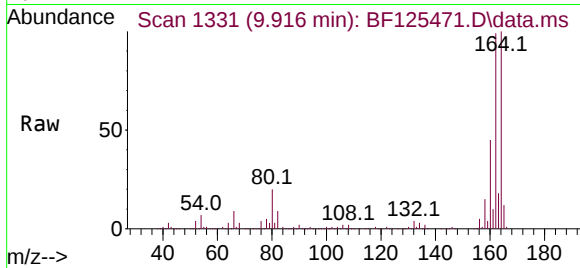




#57
2,4-Dinitrotoluene
Concen: 6.850 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.200 min
Lab File: BF125471.D
Acq: 14 Sep 2021 13:20

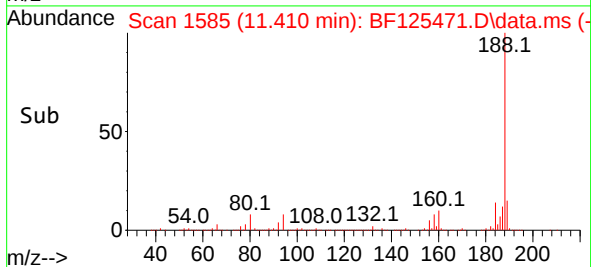
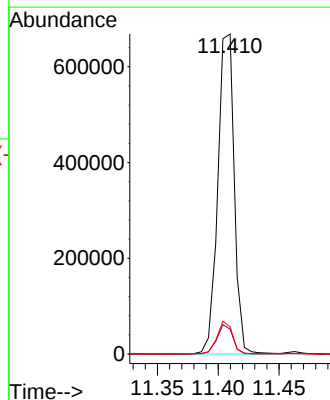
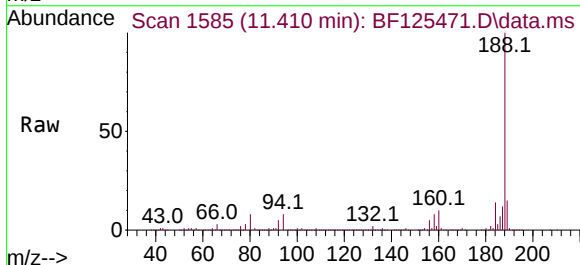
Instrument :
BNA_F
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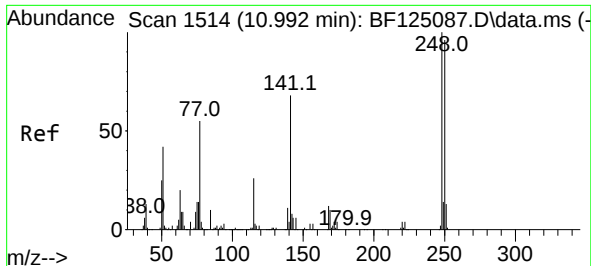
Tgt Ion:165	Resp:	42346
Ion Ratio	Lower	Upper
165	100	
63	1.8	40.9 61.3#
89	0.8	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF125471.D
Acq: 14 Sep 2021 13:20

Tgt Ion:188	Resp:	629933
Ion Ratio	Lower	Upper
188	100	
94	7.8	6.7 10.1
80	8.5	7.5 11.3

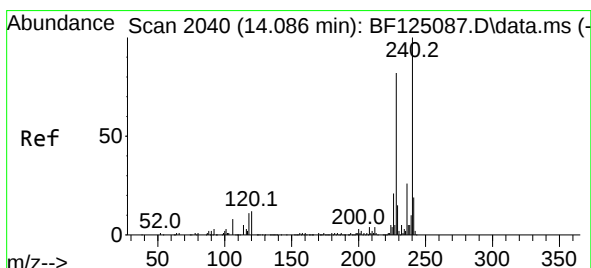
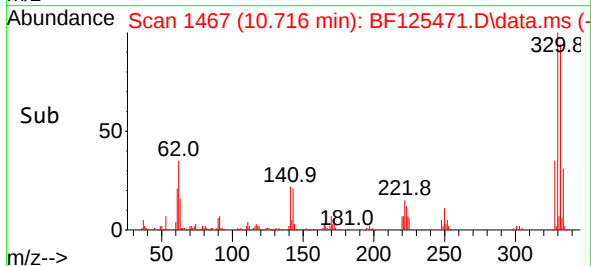
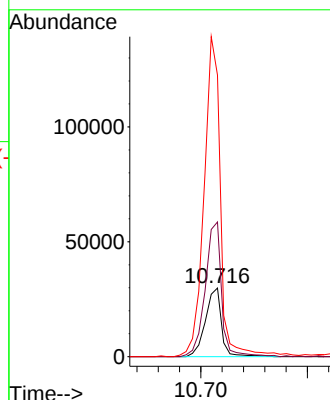
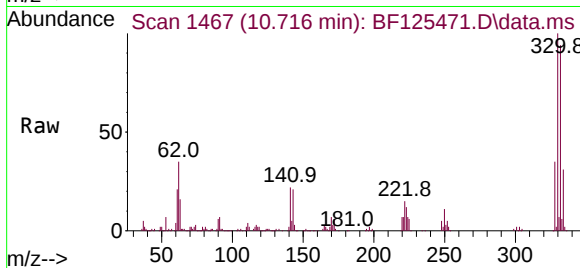




#67
4-Bromophenyl-phenylether
Concen: 4.152 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.235 min
Lab File: BF125471.D
Acq: 14 Sep 2021 13:20

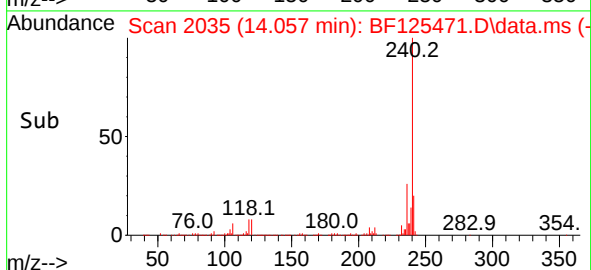
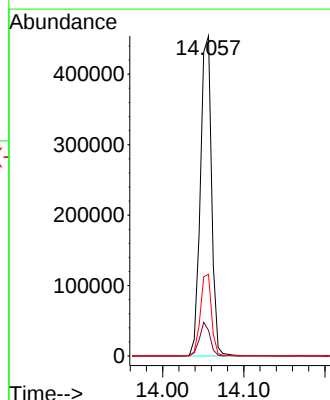
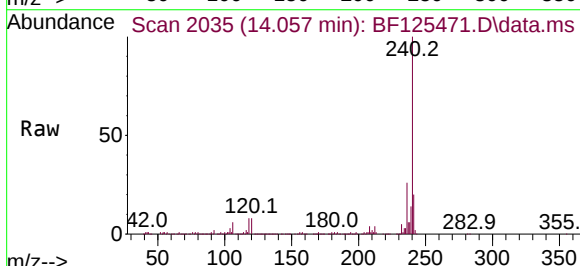
Instrument :
BNA_F
ClientSampleId :
MAIN-GUARD-HOUSE-JET-GROUT

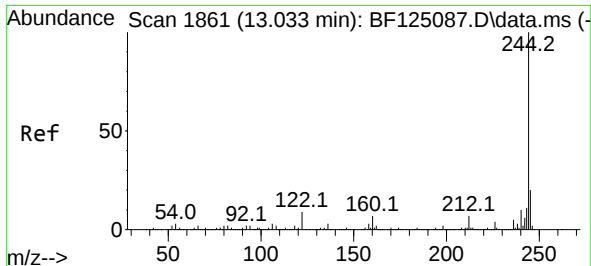
Tgt Ion:248 Resp: 31408
Ion Ratio Lower Upper
248 100
250 196.2 74.2 111.4#
141 409.9 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125471.D
Acq: 14 Sep 2021 13:20

Tgt Ion:240 Resp: 436025
Ion Ratio Lower Upper
240 100
120 8.0 10.8 16.2#
236 25.5 21.6 32.4

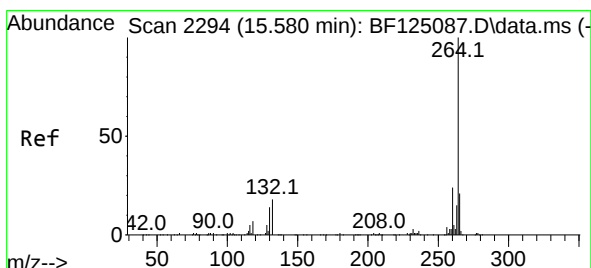
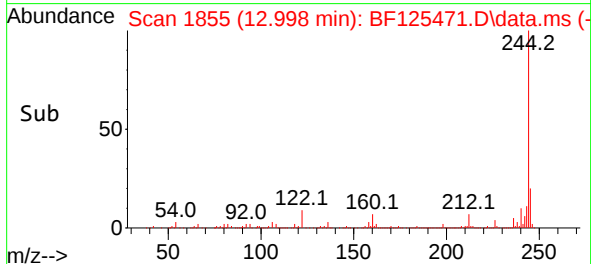
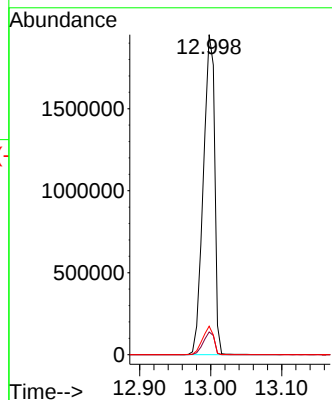
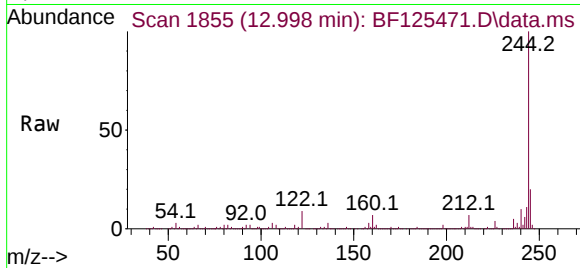




#79
Terphenyl-d14
Concen: 79.249 ng
RT: 12.998 min Scan# 1855
Delta R.T. -0.000 min
Lab File: BF125471.D
Acq: 14 Sep 2021 13:20

Instrument :
BNA_F
ClientSampleId :
MAIN-GUARD-HOUSE-JET-GROUT

Tgt Ion:244 Resp: 2169036
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 8.9 9.0 13.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BF125471.D
Acq: 14 Sep 2021 13:20

Tgt Ion:264 Resp: 279121
Ion Ratio Lower Upper
264 100
260 24.9 19.6 29.4
265 21.7 17.2 25.8

