

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
 Data File : BF125420.D
 Acq On : 10 Sep 2021 12:52
 Operator : JU/CG
 Sample : PB139018BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139018BL

Quant Time: Sep 10 15:03:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 08 14:14:01 2021
 Response via : Initial Calibration

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

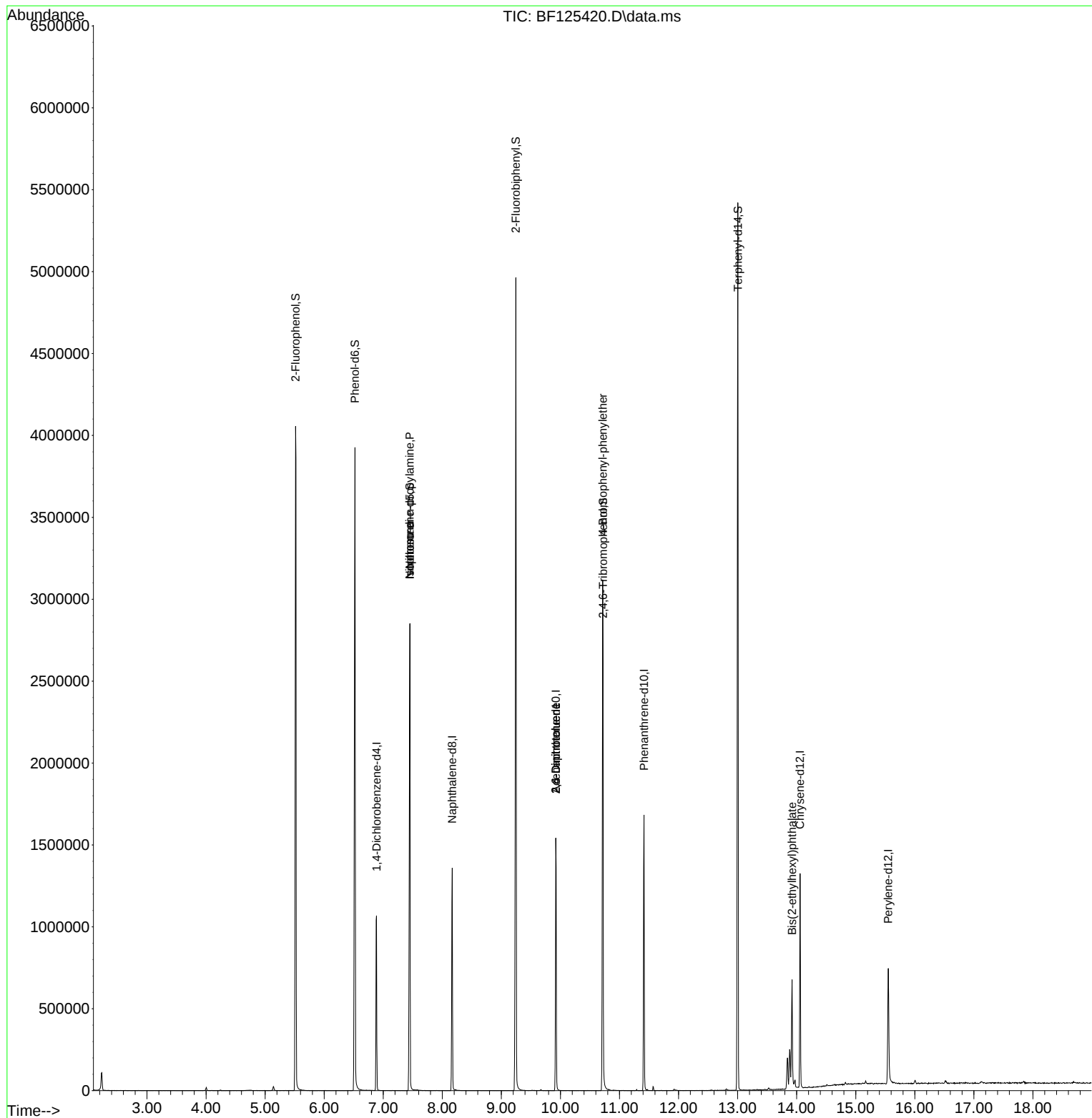
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	162872	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	637061	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	342248	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	629741	20.000	ng	0.00
76) Chrysene-d12	14.057	240	431789	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	358852	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1148729	106.753	ng	0.00
7) Phenol-d6	6.522	99	1425706	102.445	ng	0.00
23) Nitrobenzene-d5	7.451	82	963075	76.107	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	456278	133.556	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1763893	71.831	ng	0.00
79) Terphenyl-d14	13.004	244	2074380	76.534	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	127602	15.244	ng	# 56
25) Isophorone	7.451	82	963061	39.451	ng	# 59
51) 2,6-Dinitrotoluene	9.922	165	43943	8.545	ng	# 28
57) 2,4-Dinitrotoluene	9.922	165	43943	7.060	ng	# 20
67) 4-Bromophenyl-phenylether	10.716	248	28057	3.710	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.921	149	226495	11.323	ng	# 53

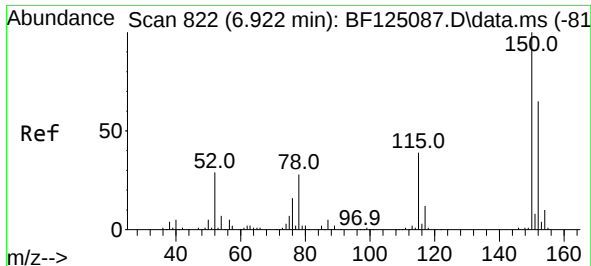
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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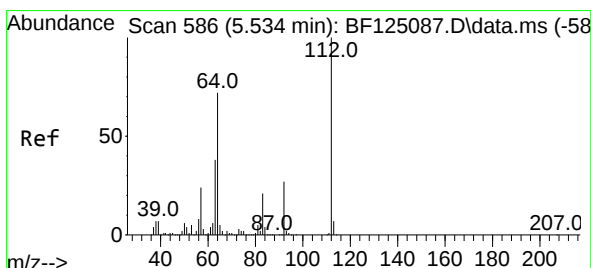
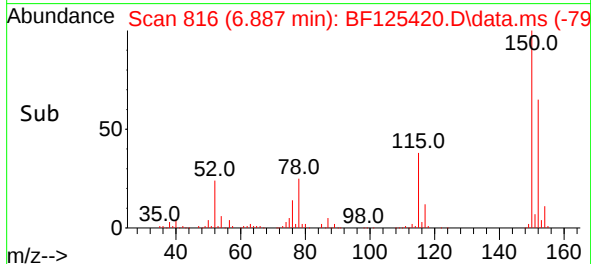
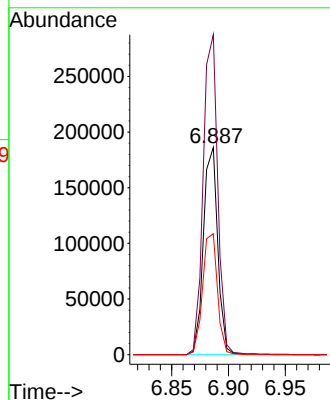
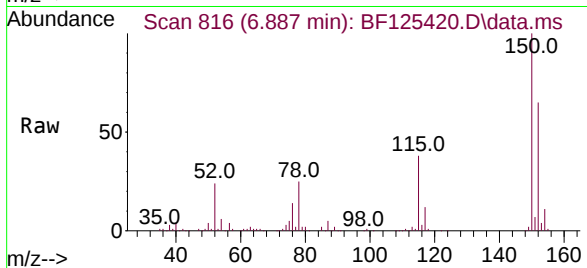




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF125420.D
Acq: 10 Sep 2021 12:52

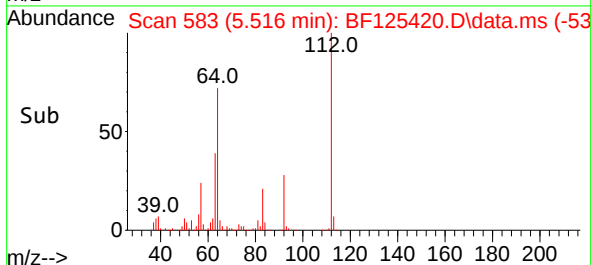
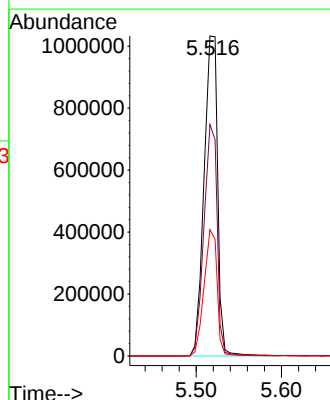
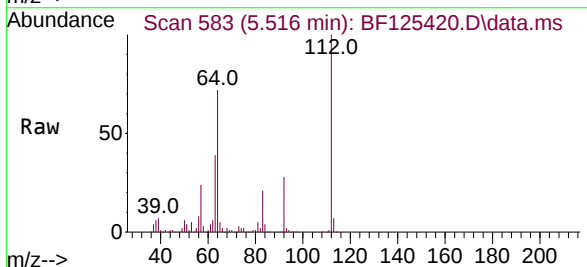
Instrument :
BNA_F
ClientSampleId :
PB139018BL

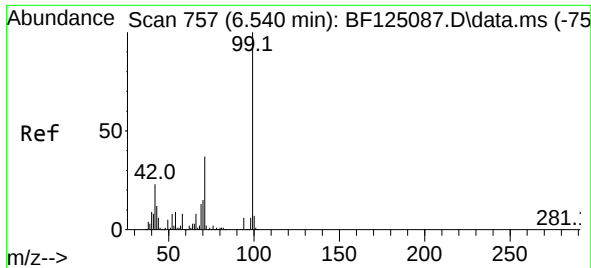
Tgt Ion:152 Resp: 162872
Ion Ratio Lower Upper
152 100
150 154.4 117.6 176.4
115 58.4 47.1 70.7



#5
2-Fluorophenol
Concen: 106.753 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF125420.D
Acq: 10 Sep 2021 12:52

Tgt Ion:112 Resp: 1148729
Ion Ratio Lower Upper
112 100
64 72.3 44.2 66.2#
63 39.4 26.2 39.2#

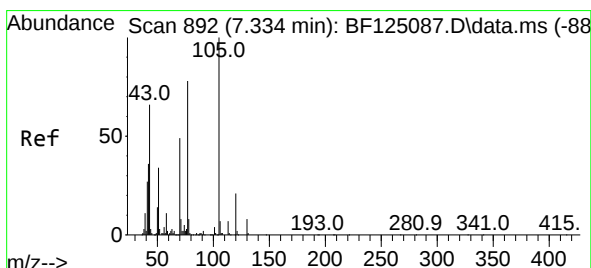
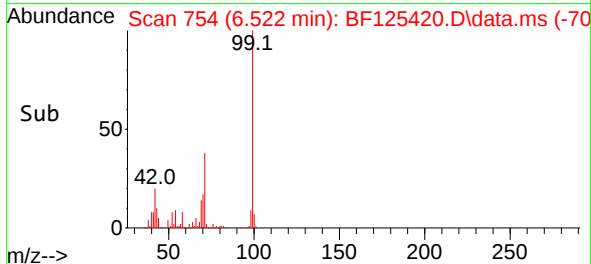
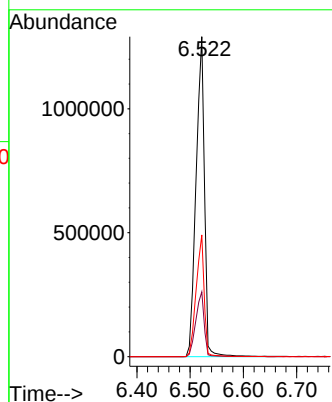
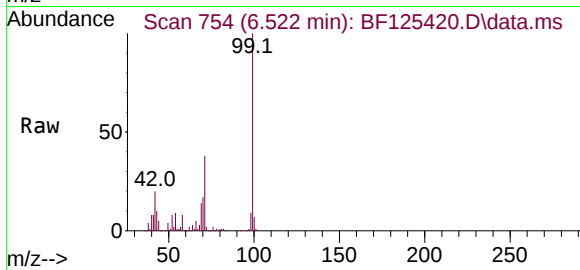




#7
Phenol-d6
Concen: 102.445 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF125420.D
Acq: 10 Sep 2021 12:52

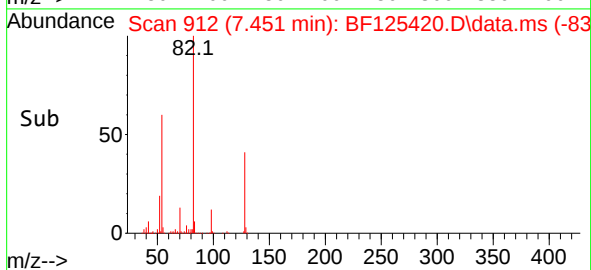
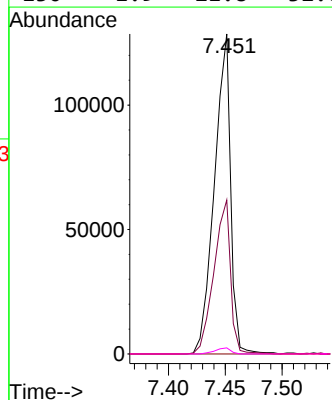
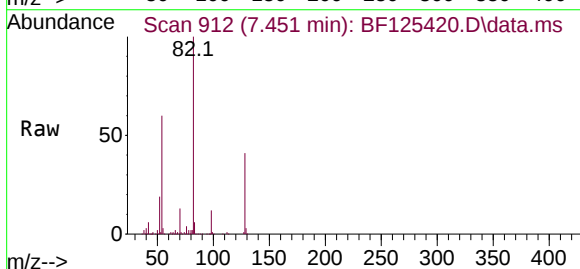
Instrument :
BNA_F
ClientSampleId :
PB139018BL

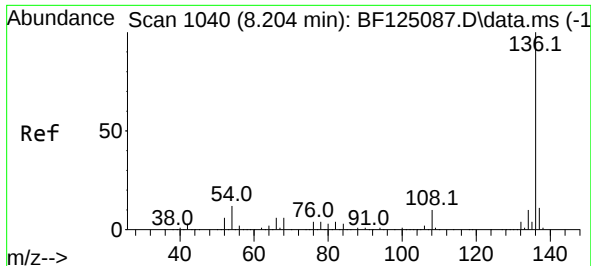
Tgt Ion: 99 Resp: 1425706
Ion Ratio Lower Upper
99 100
42 20.3 23.5 35.3#
71 38.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.244 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.147 min
Lab File: BF125420.D
Acq: 10 Sep 2021 12:52

Tgt Ion: 70 Resp: 127602
Ion Ratio Lower Upper
70 100
42 48.1 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#

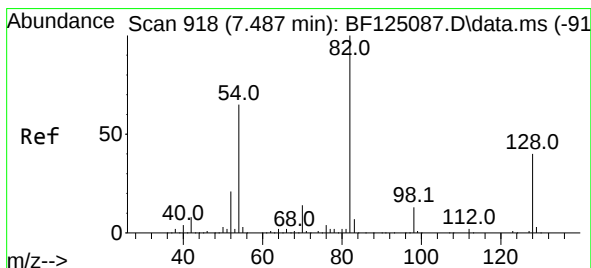
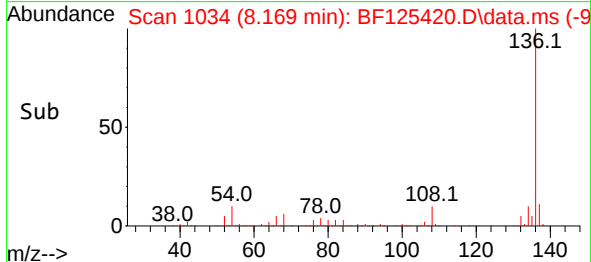
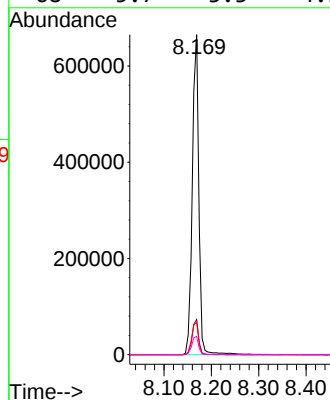
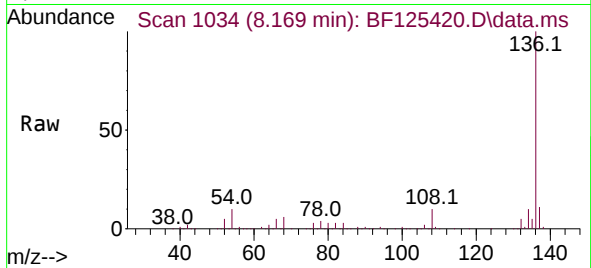




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125420.D
Acq: 10 Sep 2021 12:52

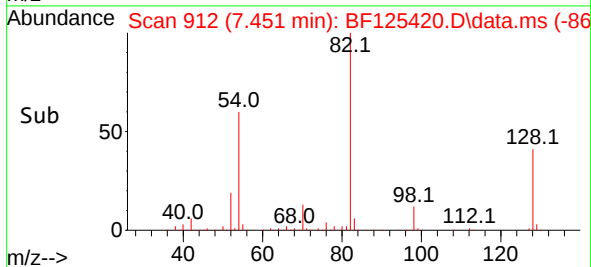
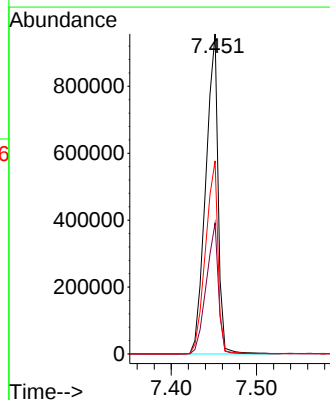
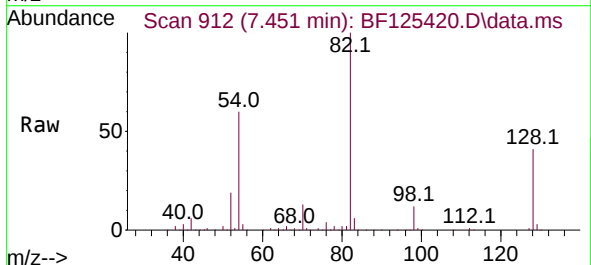
Instrument :
BNA_F
ClientSampleId :
PB139018BL

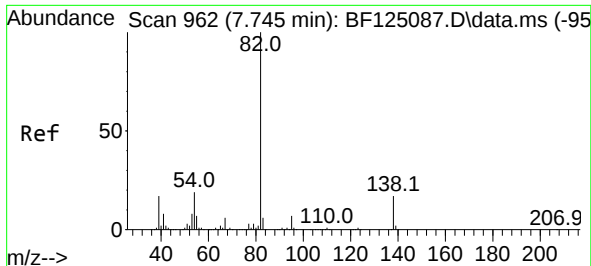
Tgt	Ion:136	Resp:	637061
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.6
54	10.1	6.4	9.6#
68	5.7	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 76.107 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF125420.D
Acq: 10 Sep 2021 12:52

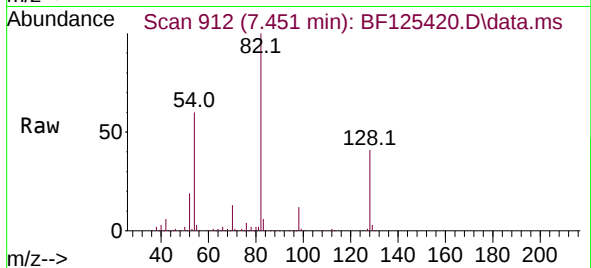
Tgt Ion: 82	Resp: 963075
Ion Ratio	Lower Upper
82 100	
128 40.9	40.6 60.8
54 60.4	49.6 74.4



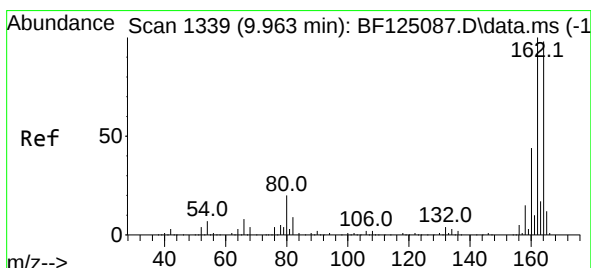
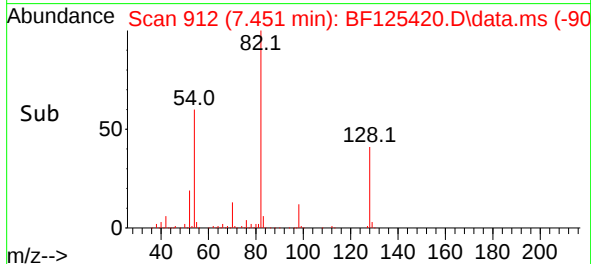
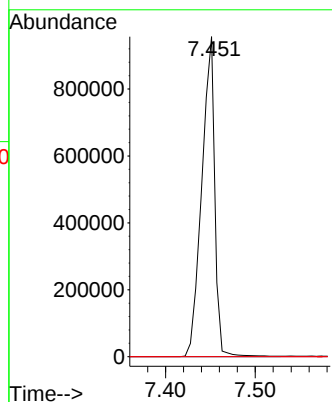


#25
Isophorone
Concen: 39.451 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.259 min
Lab File: BF125420.D
Acq: 10 Sep 2021 12:52

Instrument :
BNA_F
ClientSampleId :
PB139018BL

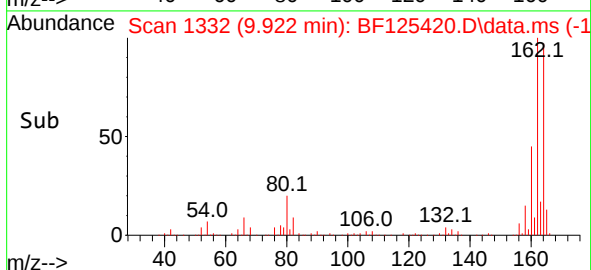
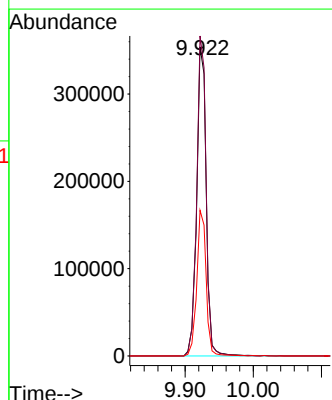
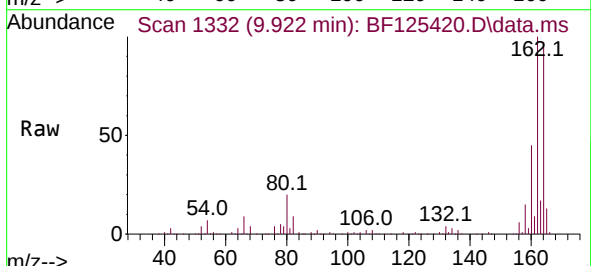


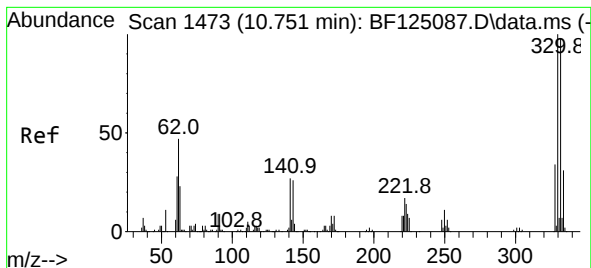
Tgt Ion: 82 Resp: 963061
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125420.D
Acq: 10 Sep 2021 12:52

Tgt Ion: 164 Resp: 342248
Ion Ratio Lower Upper
164 100
162 103.5 81.3 121.9
160 47.1 38.0 57.0

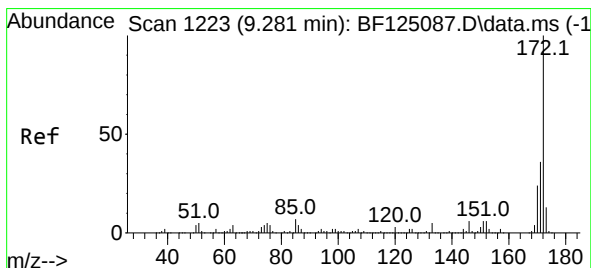
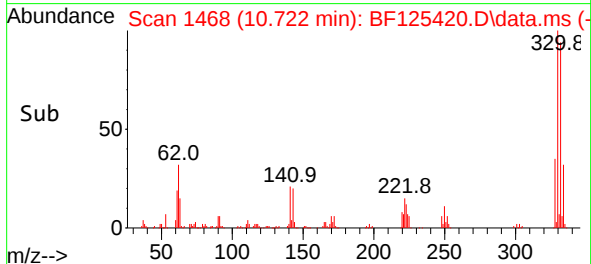
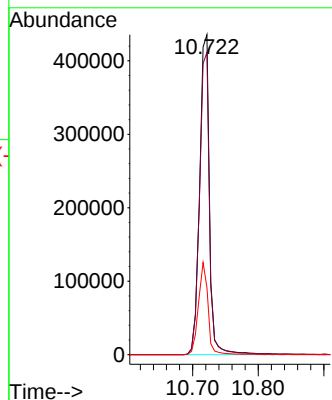
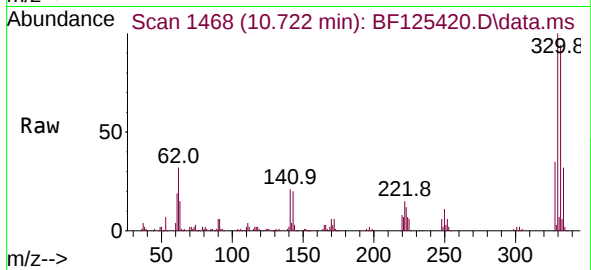




#42
2,4,6-Tribromophenol
Concen: 133.556 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BF125420.D
Acq: 10 Sep 2021 12:52

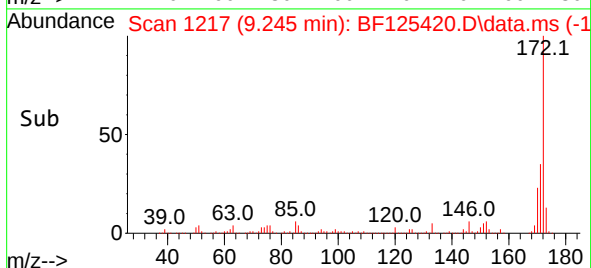
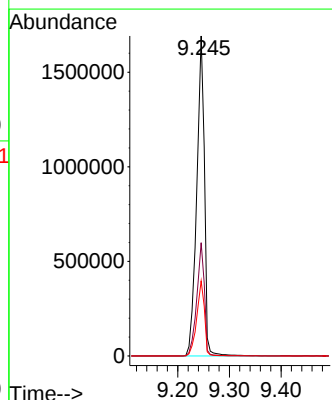
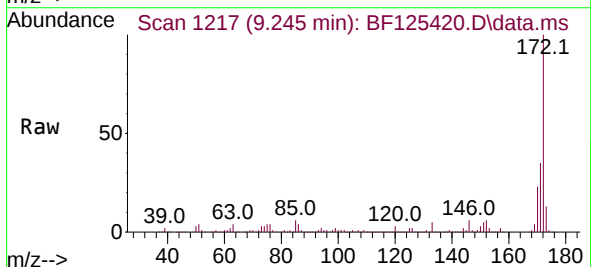
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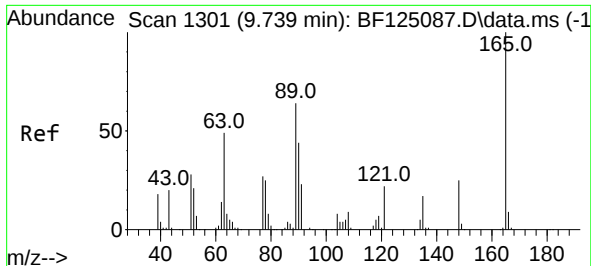
Tgt Ion:330 Resp: 456278
Ion Ratio Lower Upper
330 100
332 95.1 76.2 114.4
141 28.1 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 71.831 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125420.D
Acq: 10 Sep 2021 12:52

Tgt Ion:172 Resp: 1763893
Ion Ratio Lower Upper
172 100
171 35.4 26.5 39.7
170 23.4 18.8 28.2

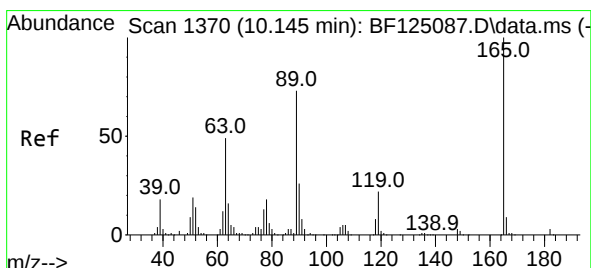
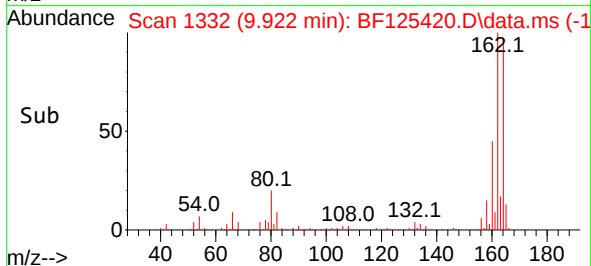
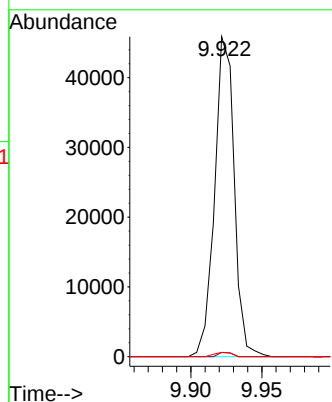
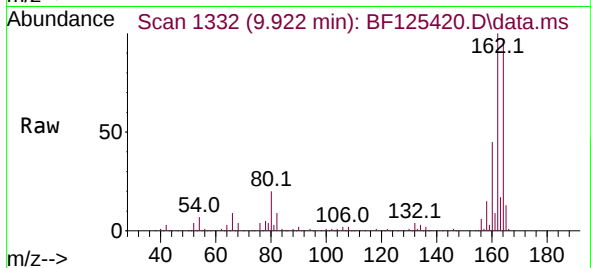




#51
2,6-Dinitrotoluene
Concen: 8.545 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.206 min
Lab File: BF125420.D
Acq: 10 Sep 2021 12:52

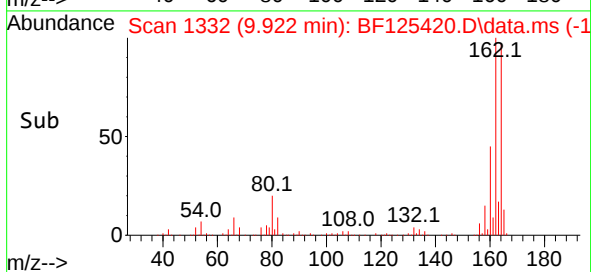
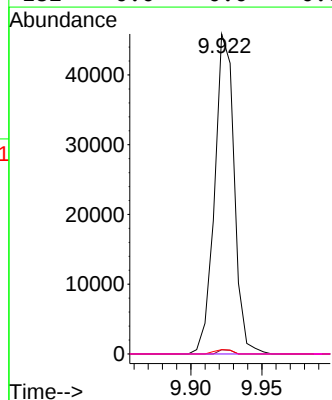
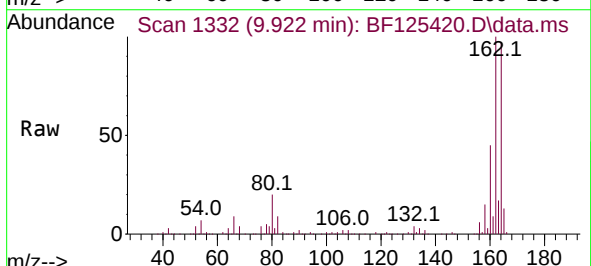
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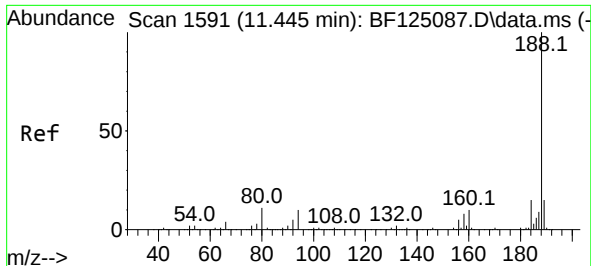
Tgt Ion:165 Resp: 43943
Ion Ratio Lower Upper
165 100
63 1.3 42.6 63.8#
89 1.3 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.060 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.200 min
Lab File: BF125420.D
Acq: 10 Sep 2021 12:52

Tgt Ion:165 Resp: 43943
Ion Ratio Lower Upper
165 100
63 1.3 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0

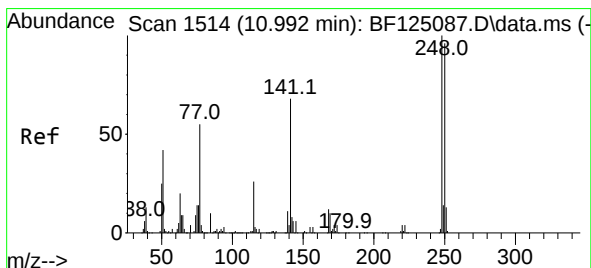
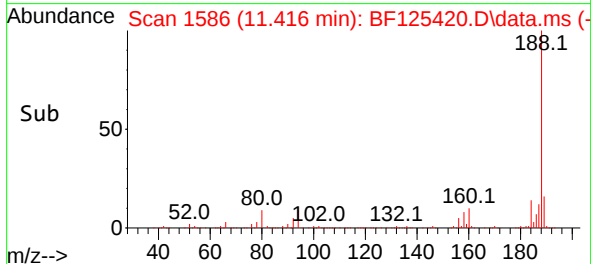
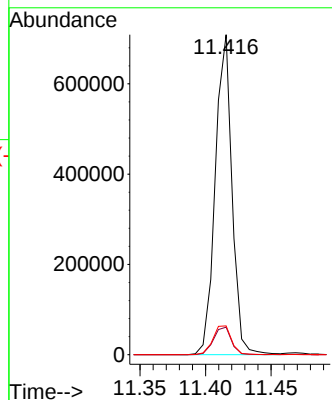
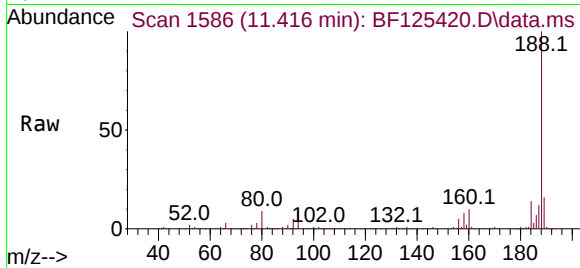




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF125420.D
Acq: 10 Sep 2021 12:52

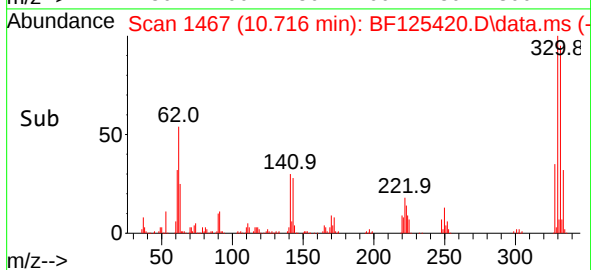
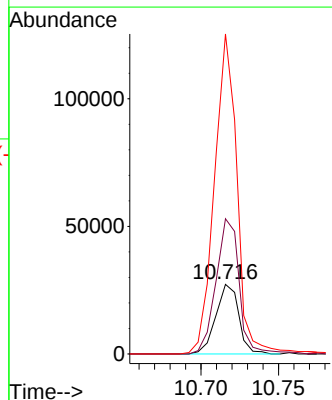
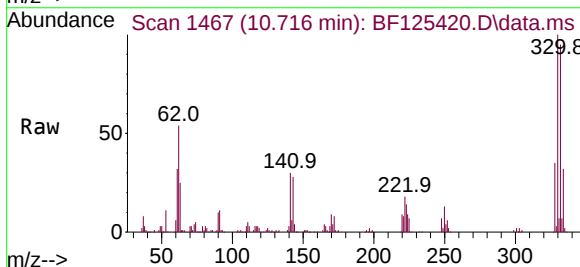
Instrument :
BNA_F
ClientSampleId :
PB139018BL

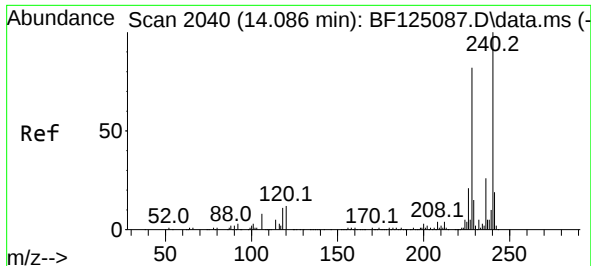
Tgt Ion:188 Resp: 629741
Ion Ratio Lower Upper
188 100
94 8.6 6.7 10.1
80 9.0 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.710 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.241 min
Lab File: BF125420.D
Acq: 10 Sep 2021 12:52

Tgt Ion:248 Resp: 28057
Ion Ratio Lower Upper
248 100
250 194.2 74.2 111.4#
141 459.7 60.4 90.6#

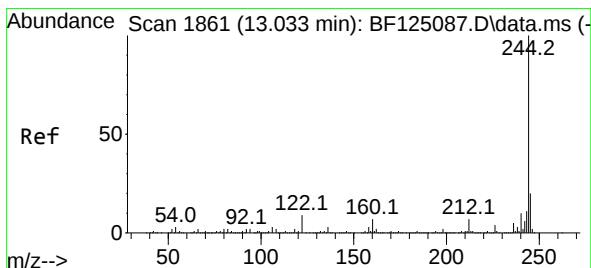
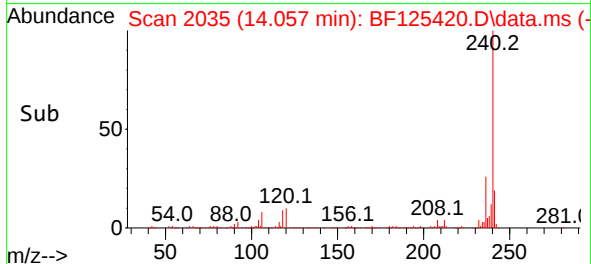
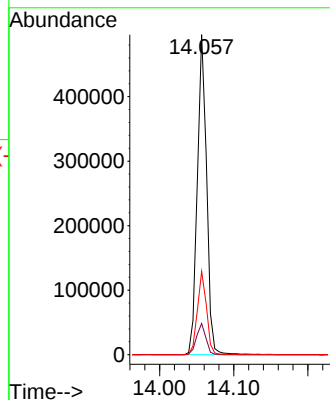
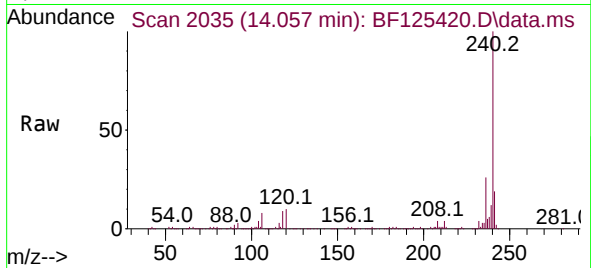




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125420.D
Acq: 10 Sep 2021 12:52

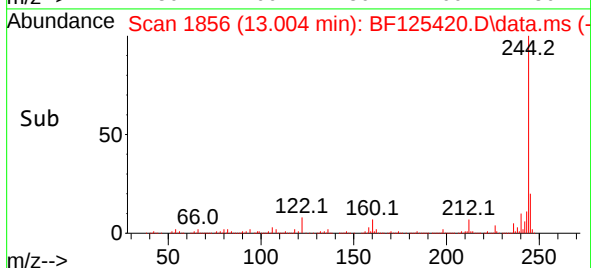
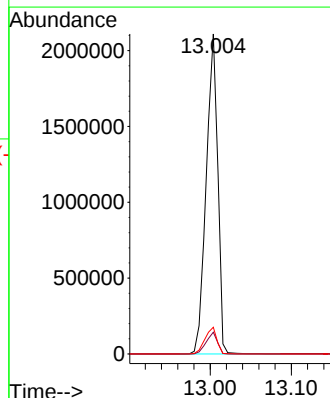
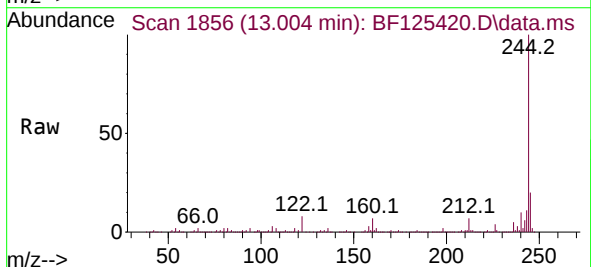
Instrument :
BNA_F
ClientSampleId :
PB139018BL

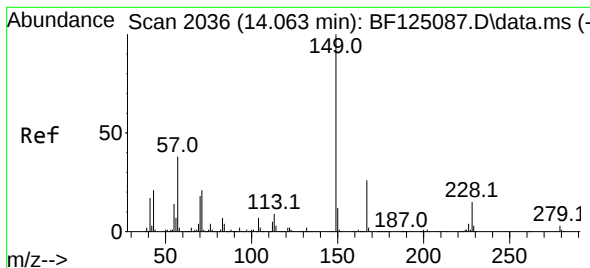
Tgt Ion:240 Resp: 431789
Ion Ratio Lower Upper
240 100
120 9.8 10.8 16.2#
236 26.1 21.6 32.4



#79
Terphenyl-d14
Concen: 76.534 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.000 min
Lab File: BF125420.D
Acq: 10 Sep 2021 12:52

Tgt Ion:244 Resp: 2074380
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 8.3 9.0 13.4#

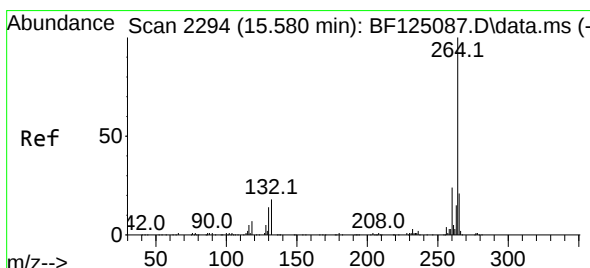
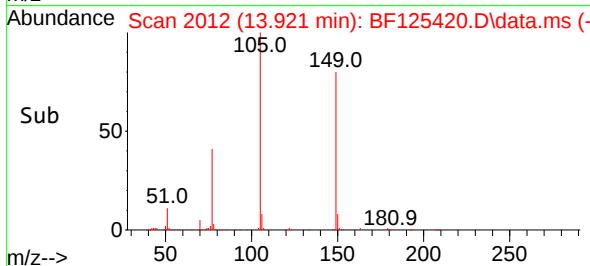
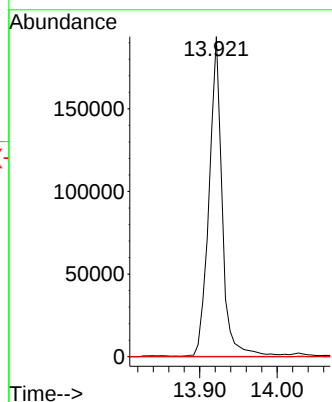
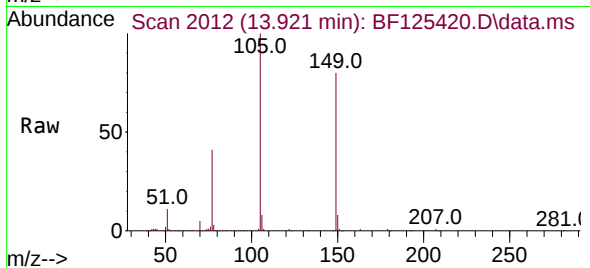




#84
Bis(2-ethylhexyl)phthalate
Concen: 11.323 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.106 min
Lab File: BF125420.D
Acq: 10 Sep 2021 12:52

Instrument :
BNA_F
ClientSampleId :
PB139018BL

Tgt Ion:149 Resp: 226495
Ion Ratio Lower Upper
149 100
167 0.0 21.4 32.0#
279 0.0 2.6 4.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2289
Delta R.T. 0.006 min
Lab File: BF125420.D
Acq: 10 Sep 2021 12:52

Tgt Ion:264 Resp: 358852
Ion Ratio Lower Upper
264 100
260 25.0 19.6 29.4
265 21.9 17.2 25.8

