

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091021\
 Data File : BF125419.D
 Acq On : 10 Sep 2021 11:58
 Operator : JU/CG
 Sample : PB139002TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139002TB

Quant Time: Sep 10 13:13:16 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)

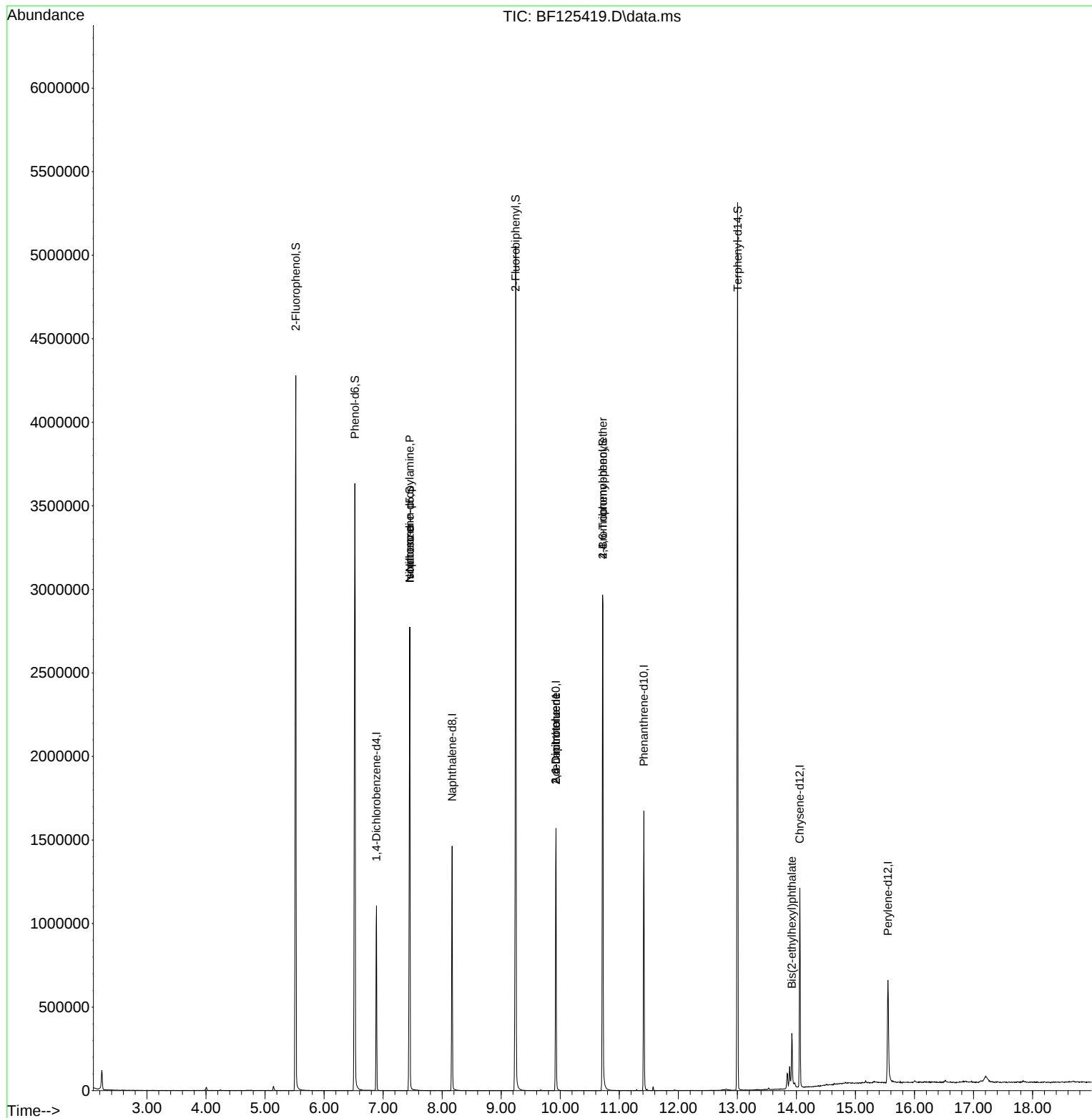
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	162989	20.000	ng	0.00
21) Naphthalene-d8	8.168	136	639054	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	336167	20.000	ng	0.00
64) Phenanthrene-d10	11.415	188	617324	20.000	ng	0.00
76) Chrysene-d12	14.056	240	403972	20.000	ng	# 0.00
86) Perylene-d12	15.550	264	341712	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1132501	105.170	ng	0.01
7) Phenol-d6	6.521	99	1431965	102.820	ng	0.00
23) Nitrobenzene-d5	7.451	82	972619	76.622	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	448552	133.669	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1737205	72.024	ng	0.00
79) Terphenyl-d14	13.003	244	1974508	77.866	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	131926	15.749	ng	# 57
25) Isophorone	7.451	82	972771	39.725	ng	# 59
51) 2,6-Dinitrotoluene	9.927	165	42760	8.465	ng	# 28
57) 2,4-Dinitrotoluene	9.927	165	42760	6.994	ng	# 20
67) 4-Bromophenyl-phenylether	10.721	248	27165	3.665	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.921	149	112315	6.002	ng	# 53

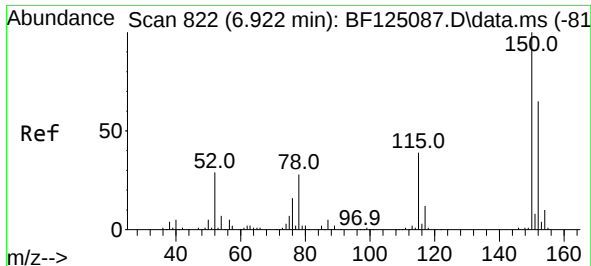
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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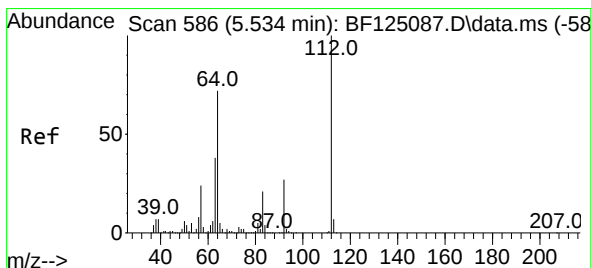
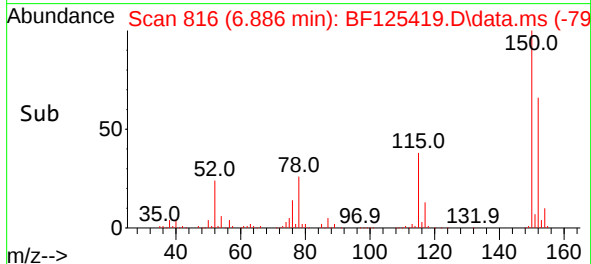
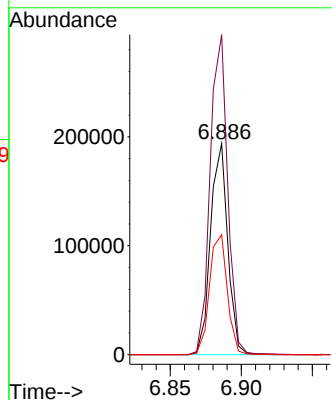
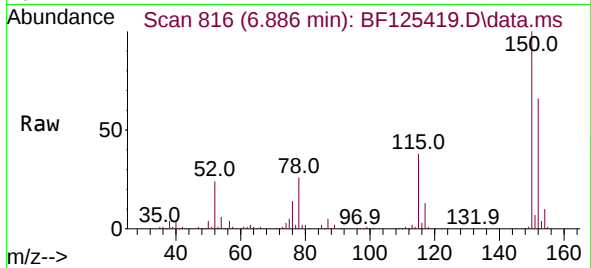




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF125419.D
Acq: 10 Sep 2021 11:58

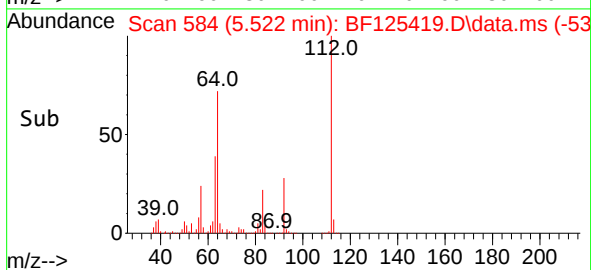
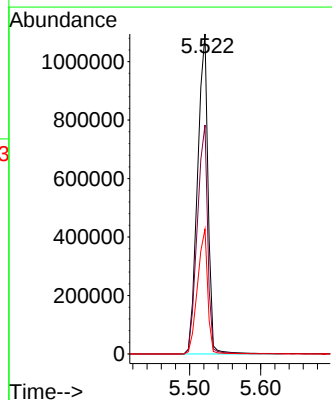
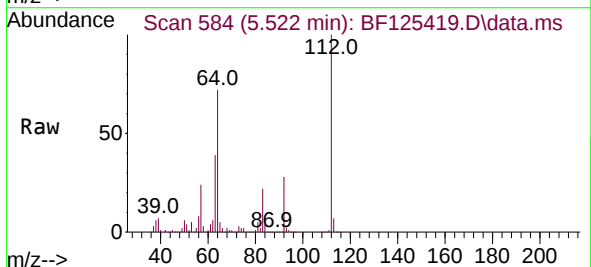
Instrument :
BNA_F
ClientSampleId :
PB139002TB

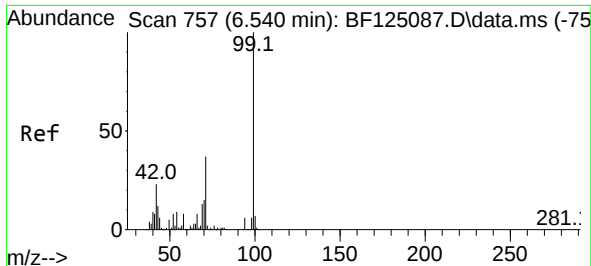
Tgt Ion:152 Resp: 162989
Ion Ratio Lower Upper
152 100
150 151.7 117.6 176.4
115 56.9 47.1 70.7



#5
2-Fluorophenol
Concen: 105.170 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.011 min
Lab File: BF125419.D
Acq: 10 Sep 2021 11:58

Tgt Ion:112 Resp: 1132501
Ion Ratio Lower Upper
112 100
64 71.5 44.2 66.2#
63 39.0 26.2 39.2

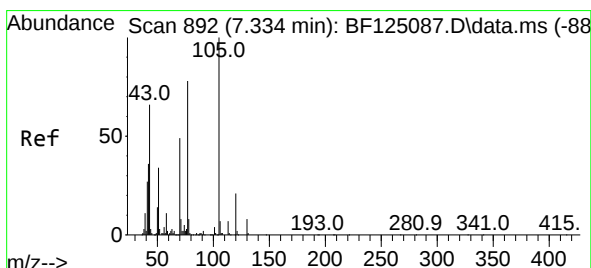
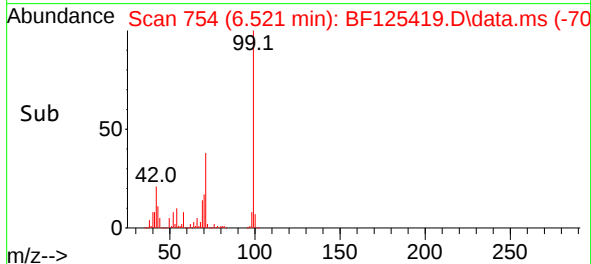
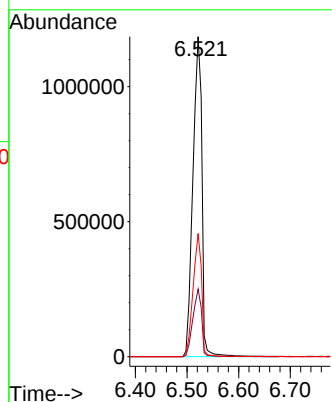
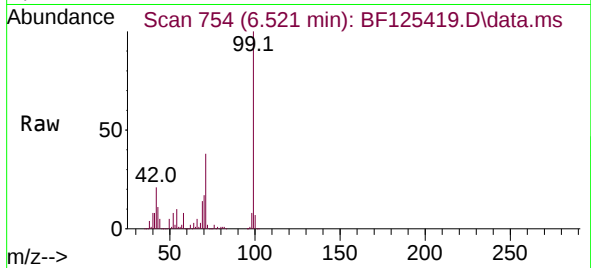




#7
Phenol-d6
Concen: 102.820 ng
RT: 6.521 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF125419.D
Acq: 10 Sep 2021 11:58

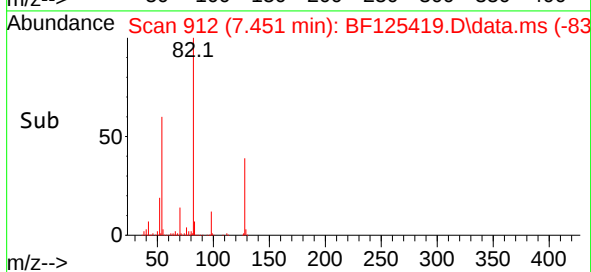
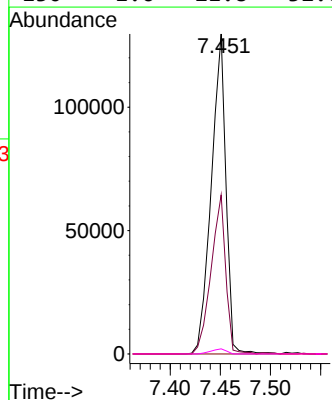
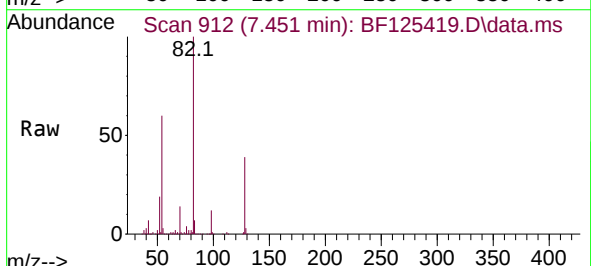
Instrument :
BNA_F
ClientSampleId :
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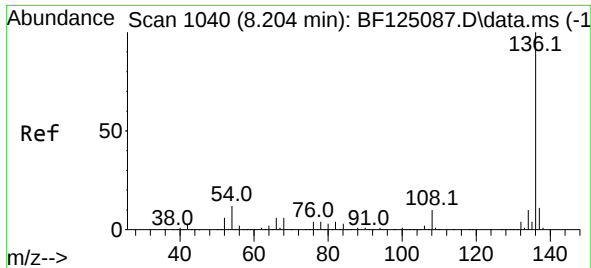
Tgt Ion: 99 Resp: 1431965
Ion Ratio Lower Upper
99 100
42 21.1 23.5 35.3#
71 38.5 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 15.749 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.147 min
Lab File: BF125419.D
Acq: 10 Sep 2021 11:58

Tgt Ion: 70 Resp: 131926
Ion Ratio Lower Upper
70 100
42 49.7 72.2 108.2#
101 0.0 7.8 11.8#
130 1.6 21.8 32.6#

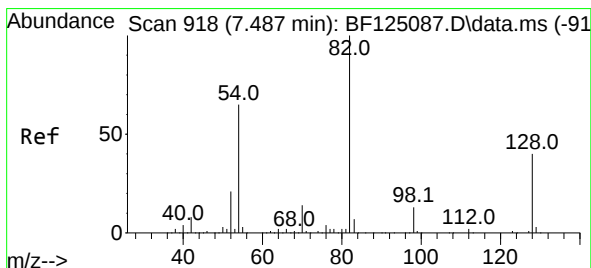
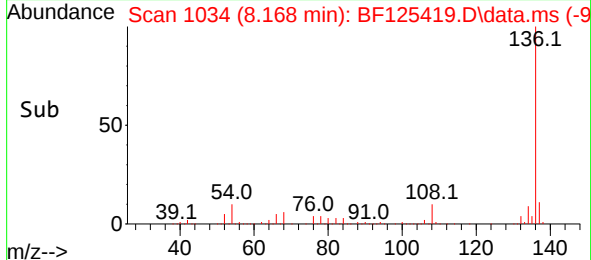
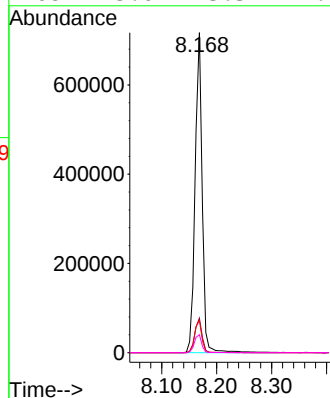
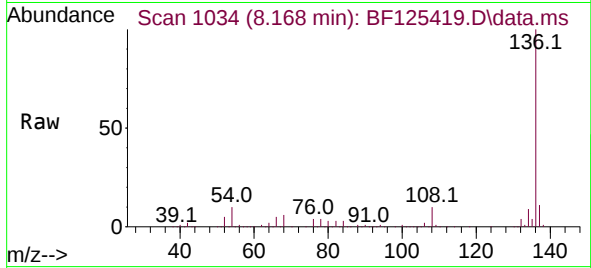




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.168 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125419.D
Acq: 10 Sep 2021 11:58

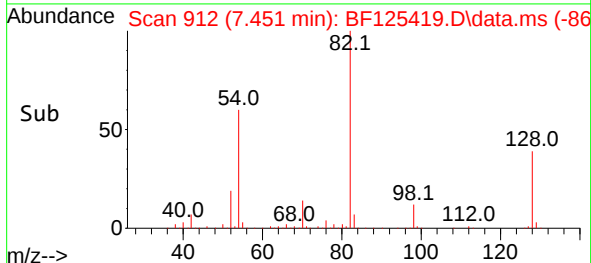
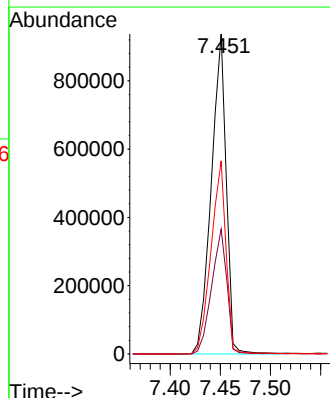
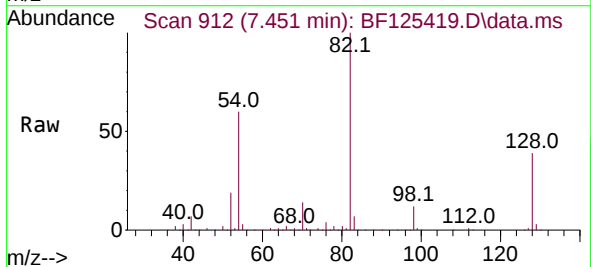
Instrument :
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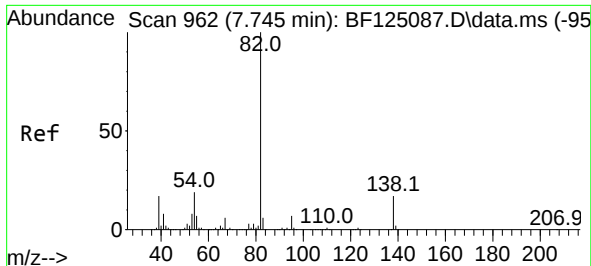
Tgt Ion:136 Resp: 639054
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 10.1 6.4 9.6#
68 5.6 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 76.622 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF125419.D
Acq: 10 Sep 2021 11:58

Tgt Ion: 82 Resp: 972619
Ion Ratio Lower Upper
82 100
128 39.0 40.6 60.8#
54 60.4 49.6 74.4

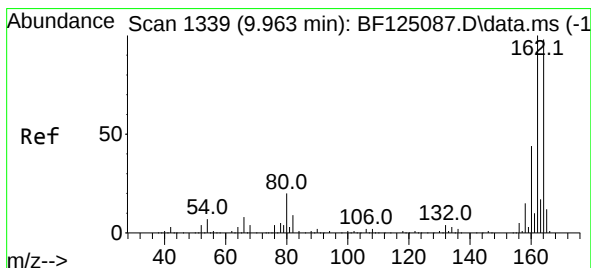
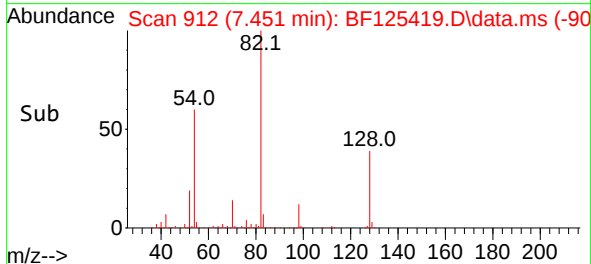
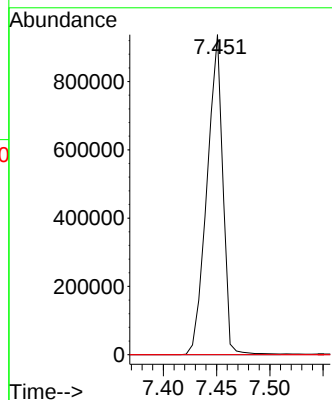
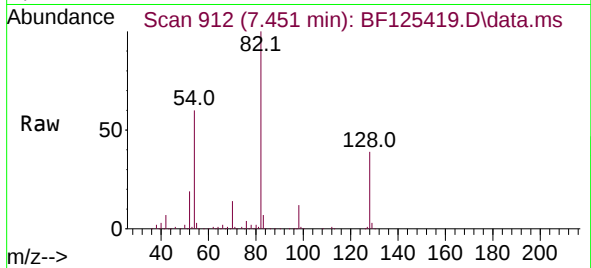




#25
Isophorone
Concen: 39.725 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.259 min
Lab File: BF125419.D
Acq: 10 Sep 2021 11:58

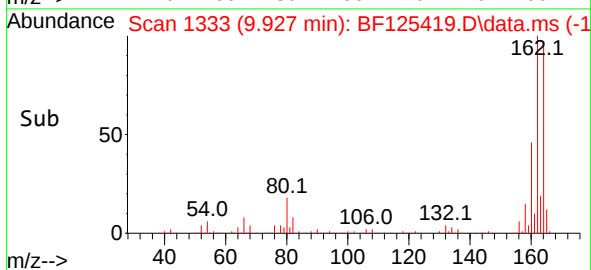
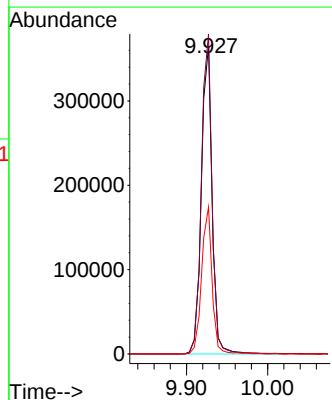
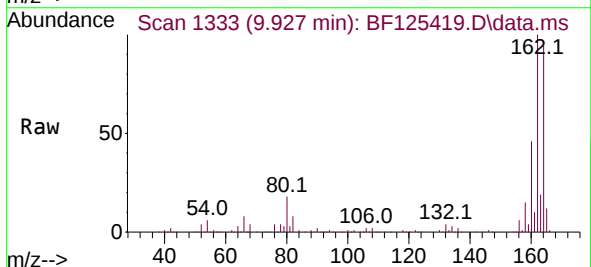
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ClientSampleId :
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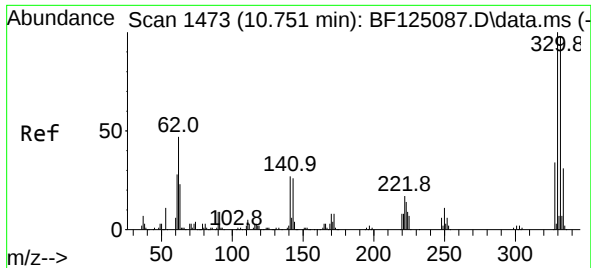
Tgt Ion: 82 Resp: 972771
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF125419.D
Acq: 10 Sep 2021 11:58

Tgt Ion: 164 Resp: 336167
Ion Ratio Lower Upper
164 100
162 103.8 81.3 121.9
160 47.7 38.0 57.0

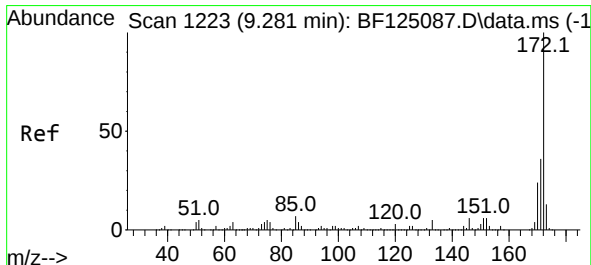
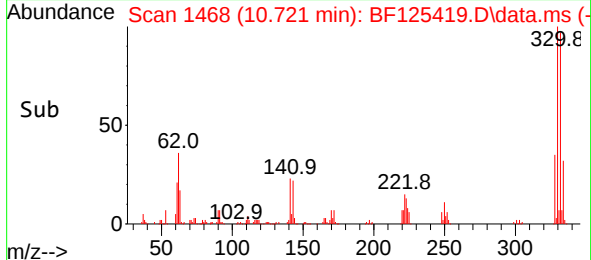
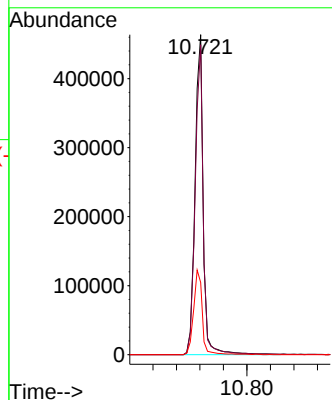
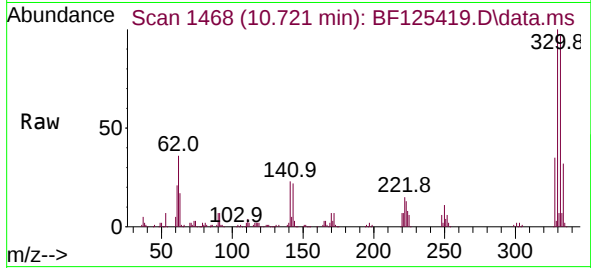




#42
2,4,6-Tribromophenol
Concen: 133.669 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.000 min
Lab File: BF125419.D
Acq: 10 Sep 2021 11:58

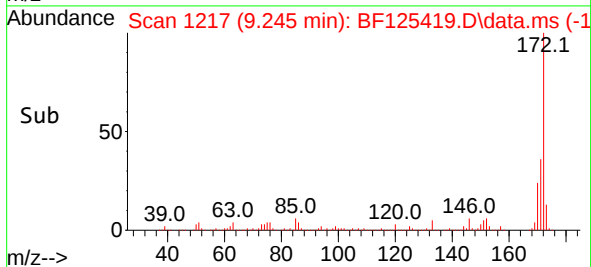
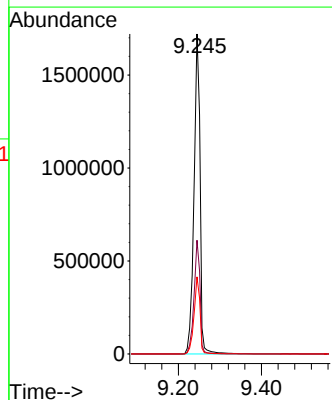
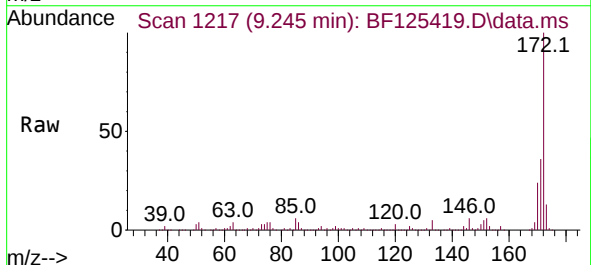
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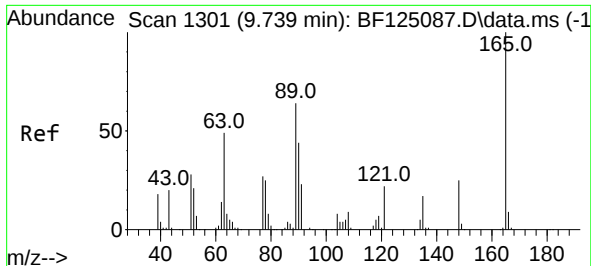
Tgt Ion:330 Resp: 448552
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 27.8 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 72.024 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125419.D
Acq: 10 Sep 2021 11:58

Tgt Ion:172 Resp: 1737205
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 24.1 18.8 28.2

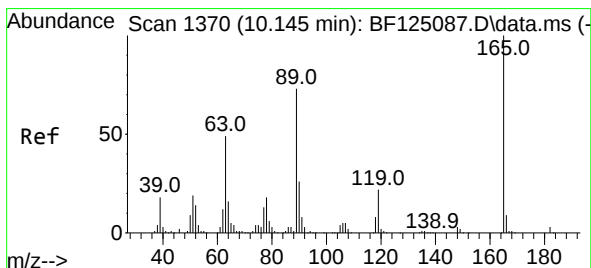
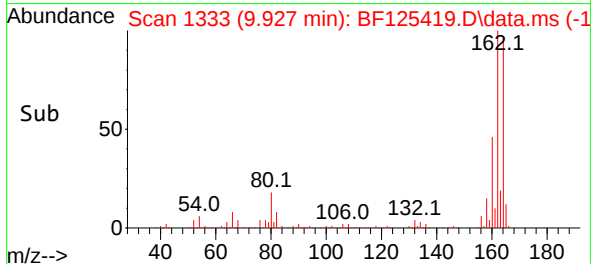
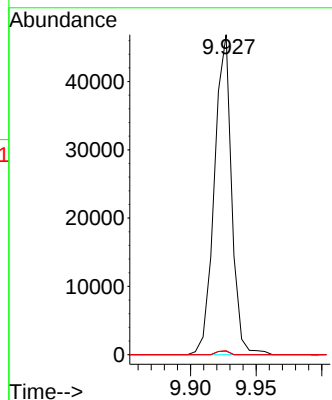
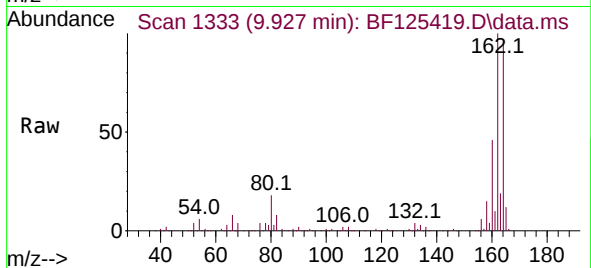




#51
2,6-Dinitrotoluene
Concen: 8.465 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.211 min
Lab File: BF125419.D
Acq: 10 Sep 2021 11:58

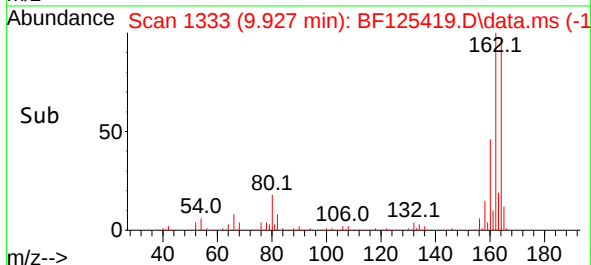
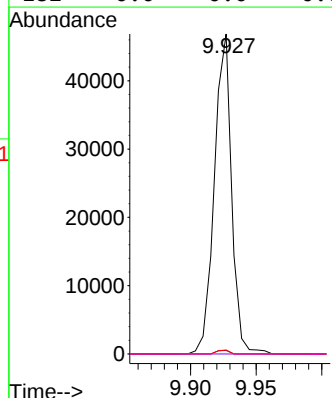
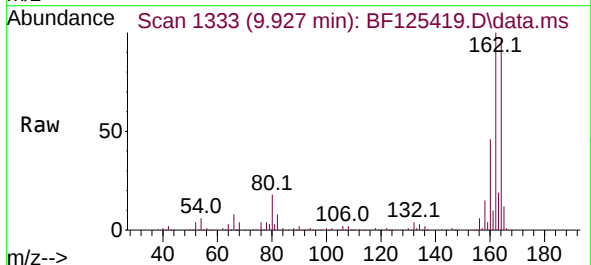
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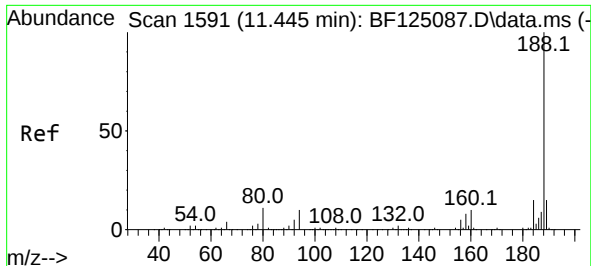
Tgt Ion:165 Resp: 42760
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.994 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF125419.D
Acq: 10 Sep 2021 11:58

Tgt Ion:165 Resp: 42760
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 1.2 59.7 89.5#
182 0.0 0.0 0.0

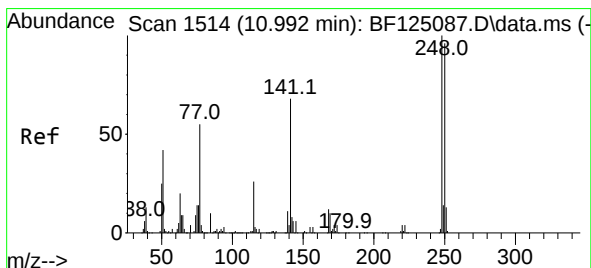
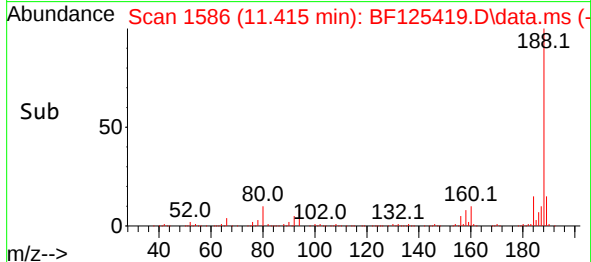
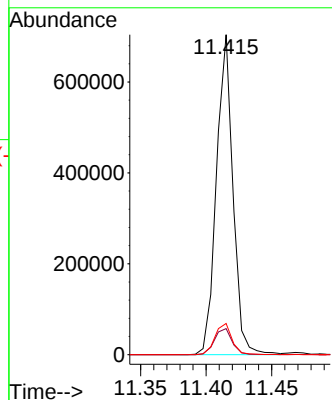
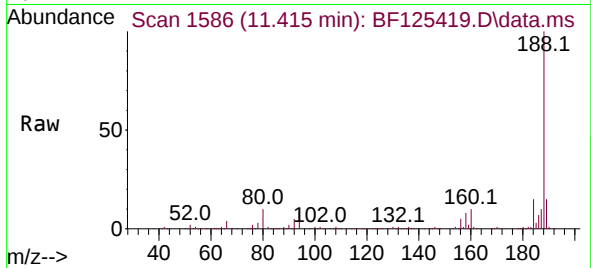




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.415 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF125419.D
Acq: 10 Sep 2021 11:58

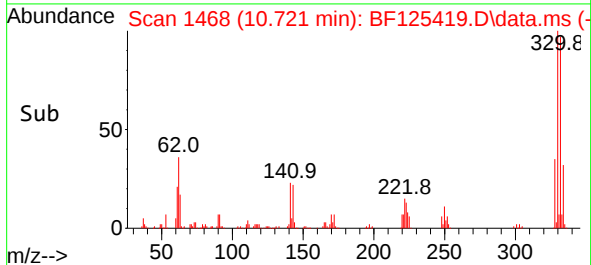
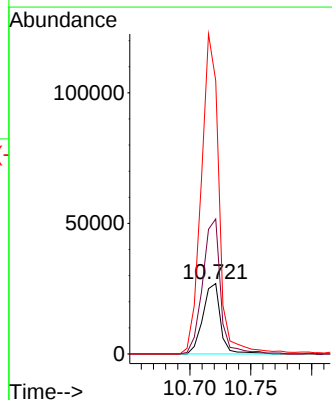
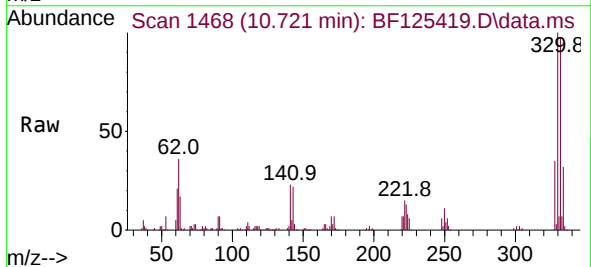
Instrument :
BNA_F
ClientSampleId :
PB139002TB

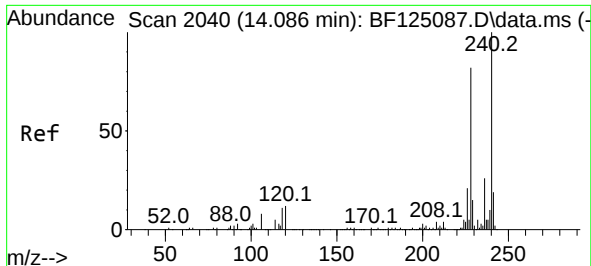
Tgt Ion:188 Resp: 617324
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 9.8 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.665 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.236 min
Lab File: BF125419.D
Acq: 10 Sep 2021 11:58

Tgt Ion:248 Resp: 27165
Ion Ratio Lower Upper
248 100
250 191.6 74.2 111.4#
141 387.8 60.4 90.6#

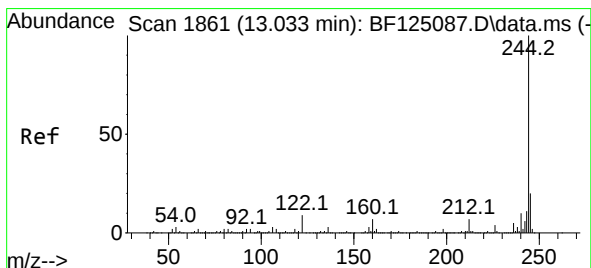
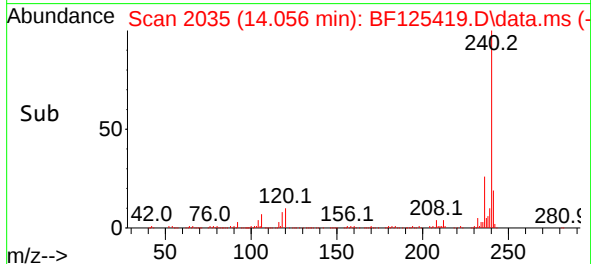
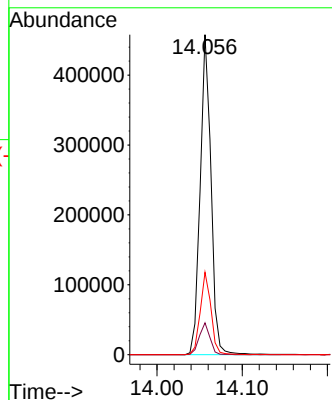
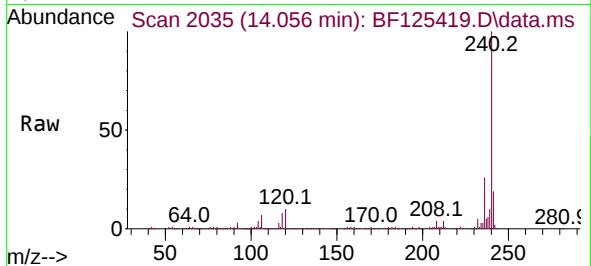




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.056 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF125419.D
Acq: 10 Sep 2021 11:58

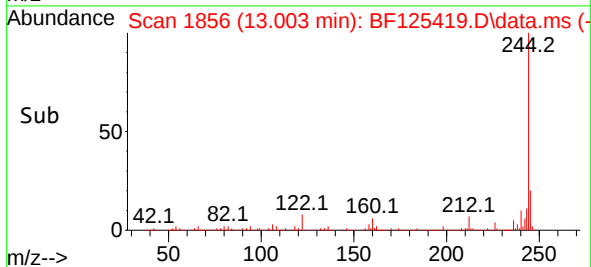
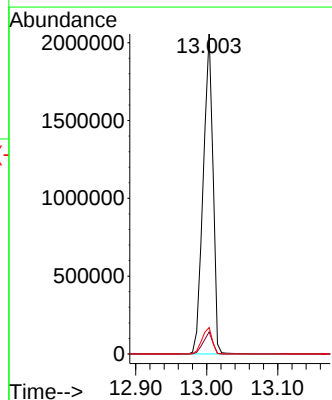
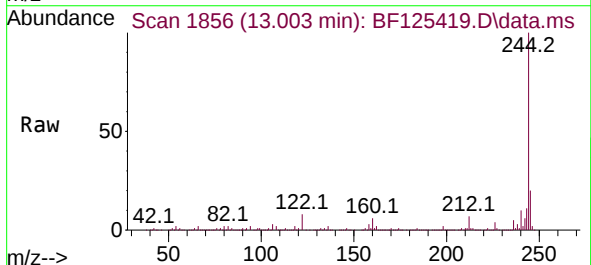
Instrument :
BNA_F
ClientSampleId :
PB139002TB

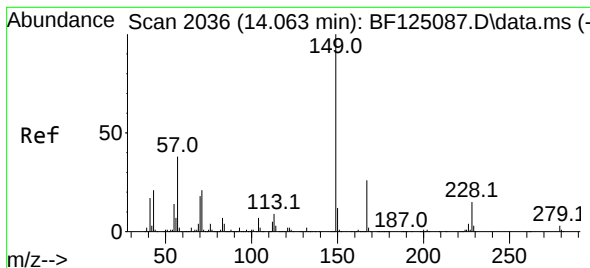
Tgt Ion:240 Resp: 403972
Ion Ratio Lower Upper
240 100
120 9.9 10.8 16.2#
236 25.8 21.6 32.4



#79
Terphenyl-d14
Concen: 77.866 ng
RT: 13.003 min Scan# 1856
Delta R.T. -0.000 min
Lab File: BF125419.D
Acq: 10 Sep 2021 11:58

Tgt Ion:244 Resp: 1974508
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 8.2 9.0 13.4#

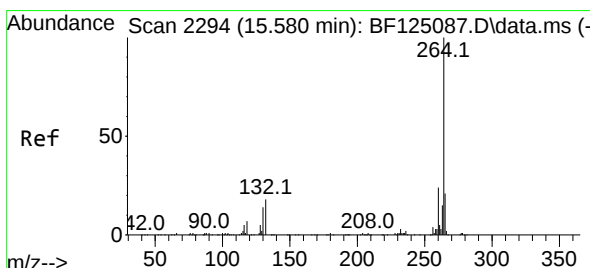
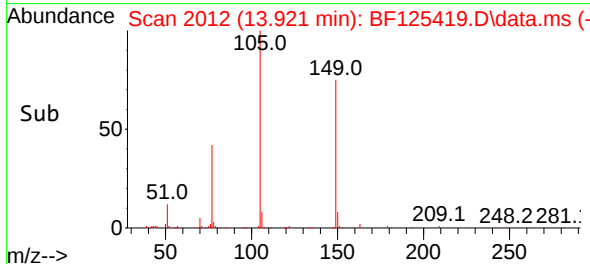
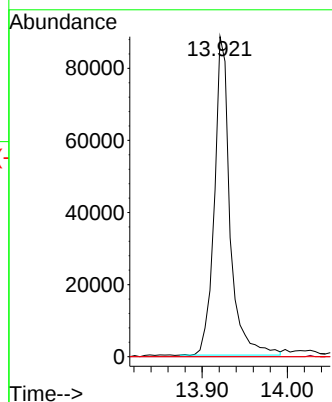
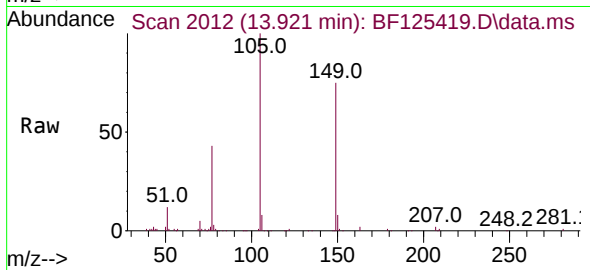




#84
Bis(2-ethylhexyl)phthalate
Concen: 6.002 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.106 min
Lab File: BF125419.D
Acq: 10 Sep 2021 11:58

Instrument :
BNA_F
ClientSampleId :
PB139002TB

Tgt Ion:149 Resp: 112315
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: 15.550 min Scan# 2289
Delta R.T. 0.006 min
Lab File: BF125419.D
Acq: 10 Sep 2021 11:58

Tgt Ion:264 Resp: 341712
Ion Ratio Lower Upper
264 100
260 24.0 19.6 29.4
265 21.9 17.2 25.8

