

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081021\
 Data File : BF125047.D
 Acq On : 11 Aug 2021 00:25
 Operator : JU/CG
 Sample : M3333-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124035

Quant Time: Aug 11 04:17:18 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 10 11:32:36 2021
 Response via : Initial Calibration

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

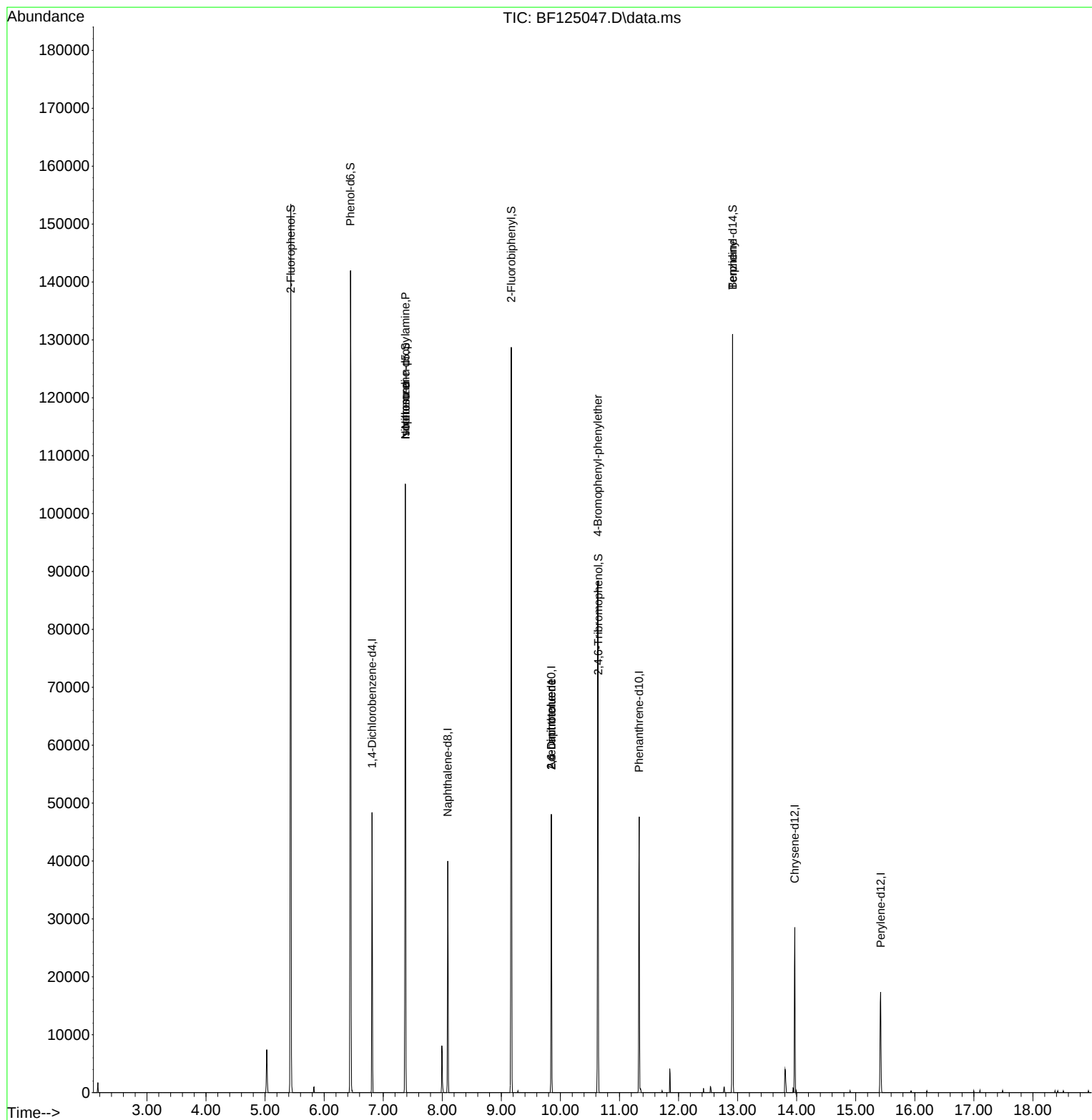
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	6962	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	15286	20.000	ng	# 0.00
39) Acenaphthene-d10	9.845	164	8925	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	17372	20.000	ng	0.00
76) Chrysene-d12	13.969	240	10451	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	9461	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	36643	86.219	ng	0.00
7) Phenol-d6	6.446	99	46290	86.378	ng	0.00
23) Nitrobenzene-d5	7.375	82	30519	104.444	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	8614	108.032	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	34528	56.608	ng	0.00
79) Terphenyl-d14	12.916	244	40057	64.653	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	3607	11.344	ng	# 70
25) Isophorone	7.375	82	30519	61.195	ng	# 59
51) 2,6-Dinitrotoluene	9.845	165	1126	8.361	ng	# 26
57) 2,4-Dinitrotoluene	9.845	165	1126	6.158	ng	# 18
67) 4-Bromophenyl-phenylether	10.633	248	598	3.143	ng	# 1
77) Benzidine	12.916	184	647	2.314	ng	# 69

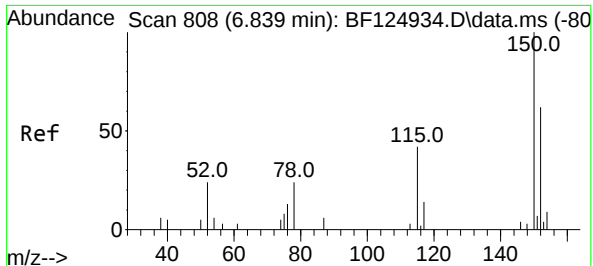
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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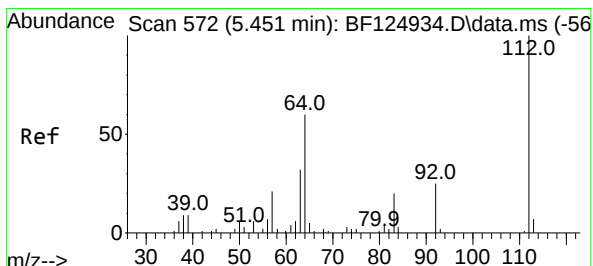
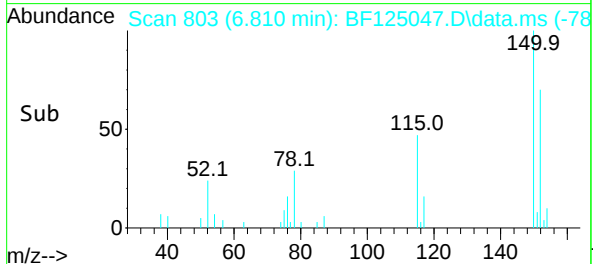
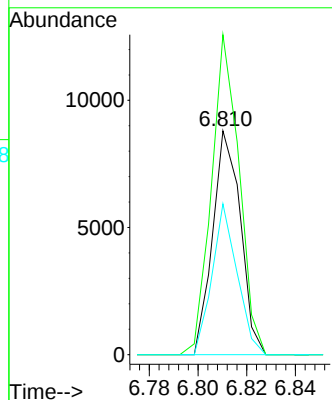
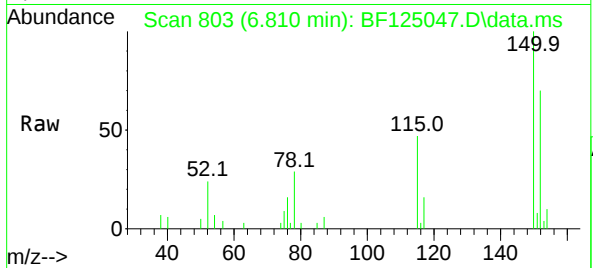




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF125047.D
Acq: 11 Aug 2021 00:25

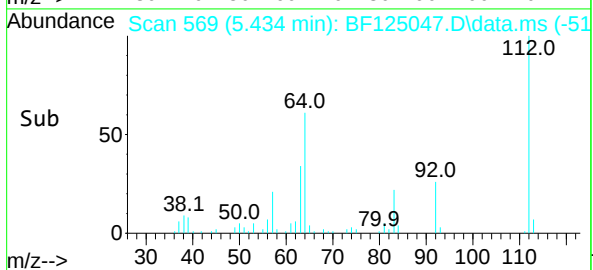
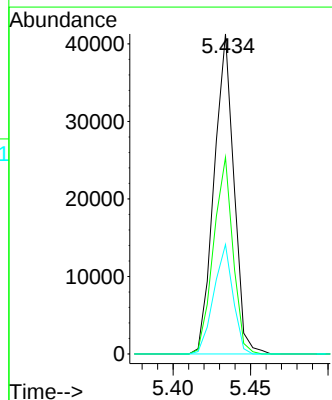
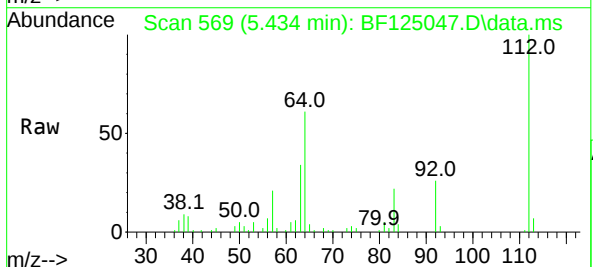
Instrument :
BNA_F
ClientSampleId :
124035

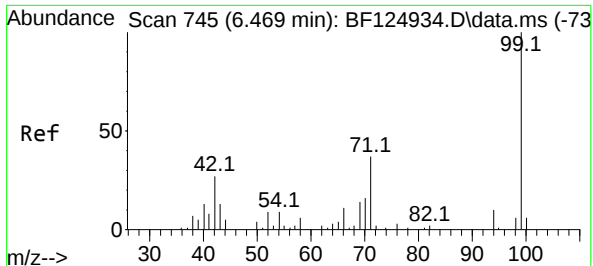
Tgt Ion:152 Resp: 6962
Ion Ratio Lower Upper
152 100
150 143.0 117.6 176.4
115 67.4 47.1 70.7



#5
2-Fluorophenol
Concen: 86.219 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.000 min
Lab File: BF125047.D
Acq: 11 Aug 2021 00:25

Tgt Ion:112 Resp: 36643
Ion Ratio Lower Upper
112 100
64 61.4 44.2 66.2
63 34.2 26.2 39.2

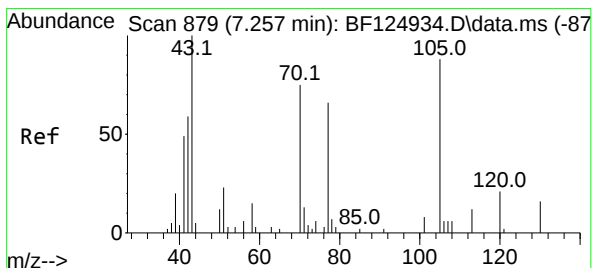
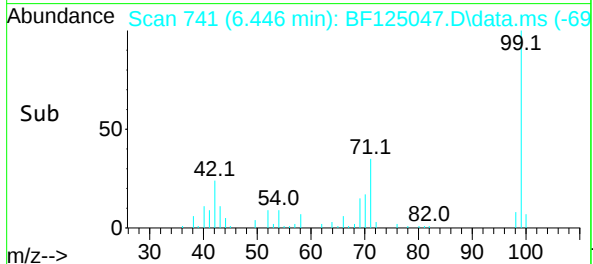
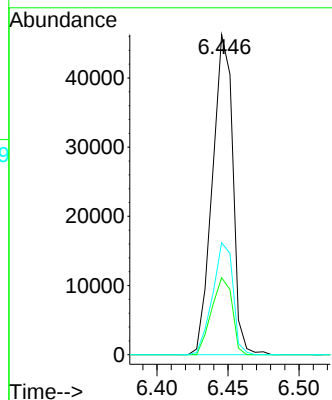
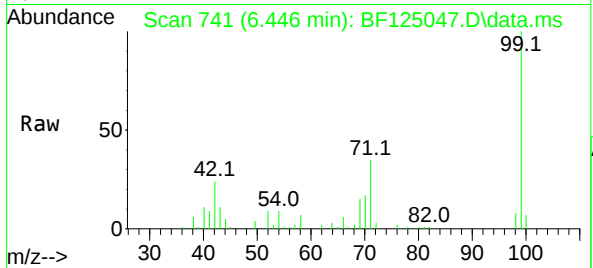




#7
Phenol-d6
Concen: 86.378 ng
RT: 6.446 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF125047.D
Acq: 11 Aug 2021 00:25

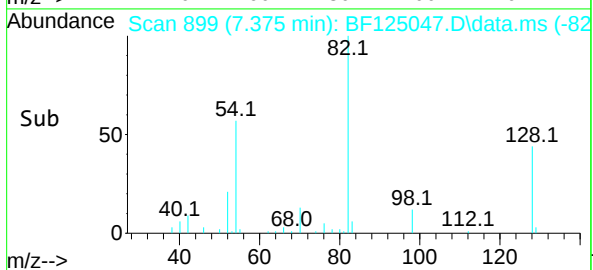
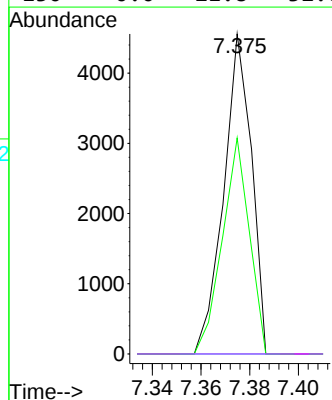
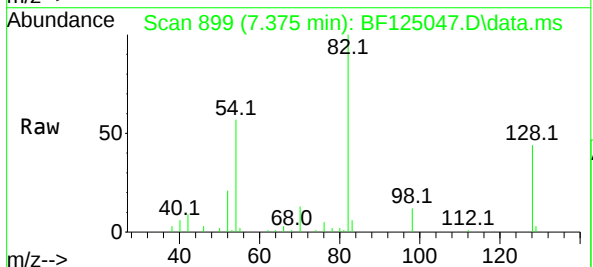
Instrument :
BNA_F
ClientSampleId :
124035

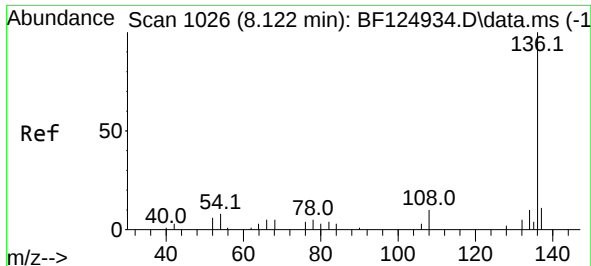
Tgt Ion: 99 Resp: 46290
Ion Ratio Lower Upper
99 100
42 24.1 23.5 35.3
71 35.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.344 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.147 min
Lab File: BF125047.D
Acq: 11 Aug 2021 00:25

Tgt Ion: 70 Resp: 3607
Ion Ratio Lower Upper
70 100
42 67.5 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

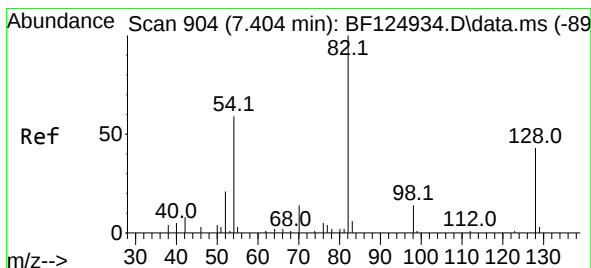
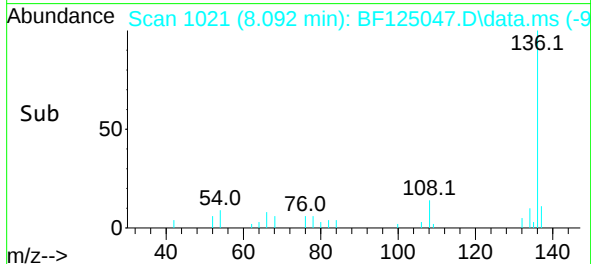
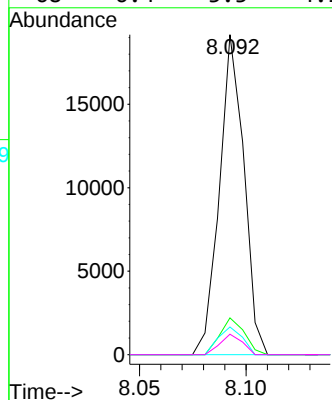
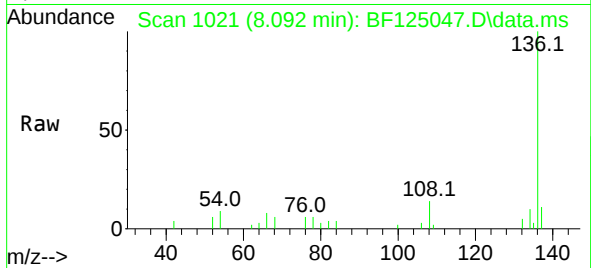




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF125047.D
Acq: 11 Aug 2021 00:25

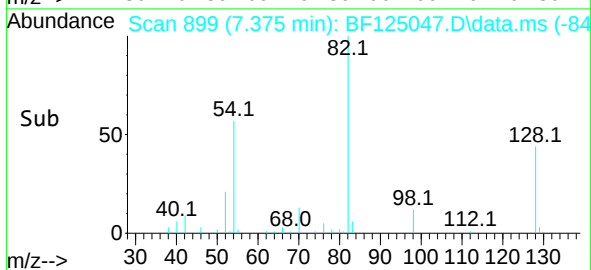
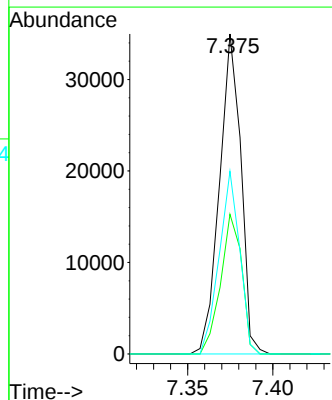
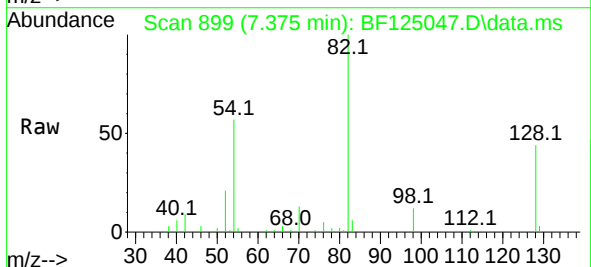
Instrument :
BNA_F
ClientSampled :
124035

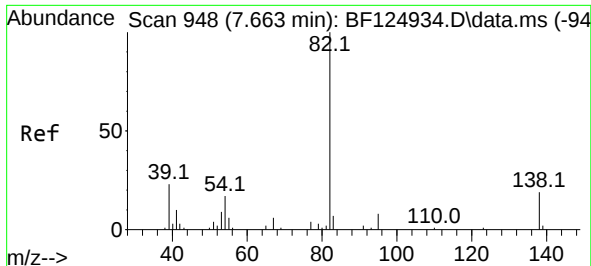
Tgt Ion:136	Resp:	15286
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.8 14.6
54	8.6	6.4 9.6
68	6.4	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 104.444 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF125047.D
Acq: 11 Aug 2021 00:25

Tgt Ion: 82	Resp:	30519
Ion Ratio	Lower	Upper
82	100	
128	43.7	40.6 60.8
54	57.1	49.6 74.4

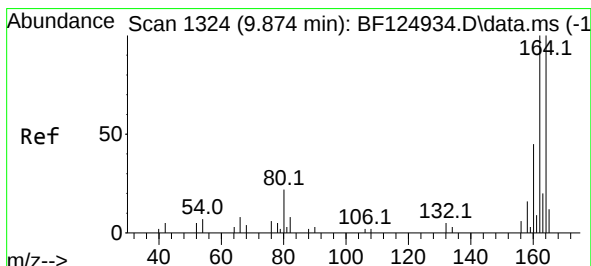
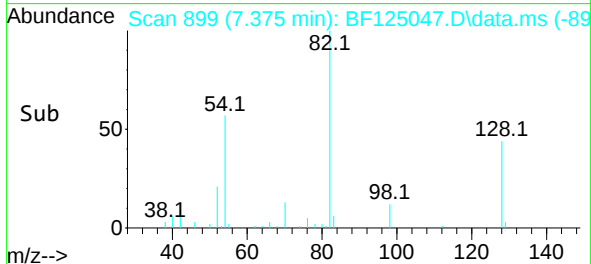
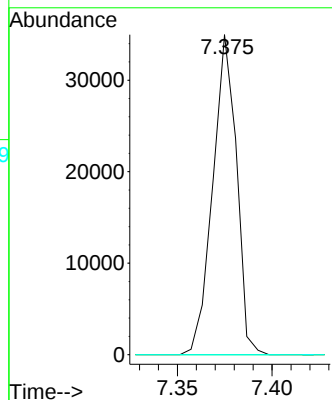
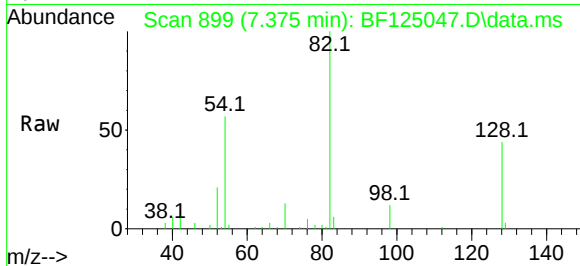




#25
Isophorone
Concen: 61.195 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.265 min
Lab File: BF125047.D
Acq: 11 Aug 2021 00:25

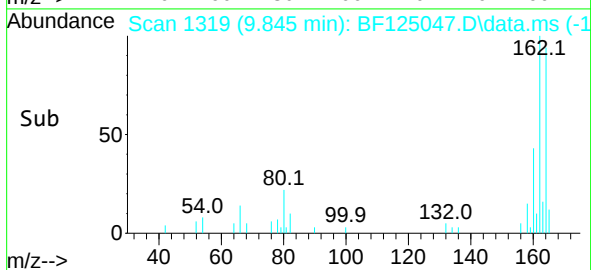
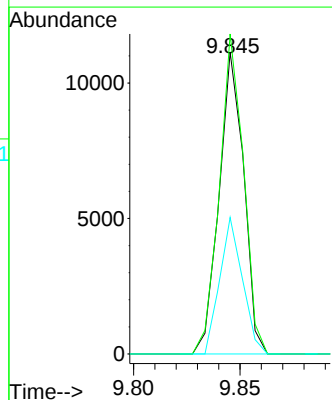
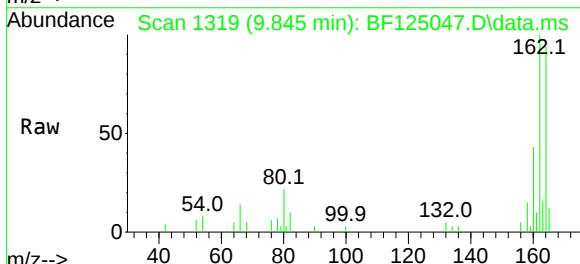
Instrument :
BNA_F
ClientSampleId :
124035

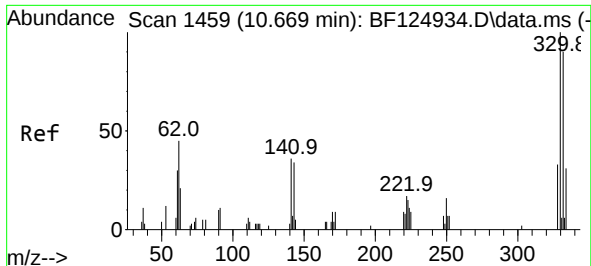
Tgt Ion: 82 Resp: 30519
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF125047.D
Acq: 11 Aug 2021 00:25

Tgt Ion: 164 Resp: 8925
Ion Ratio Lower Upper
164 100
162 106.0 81.3 121.9
160 45.2 38.0 57.0

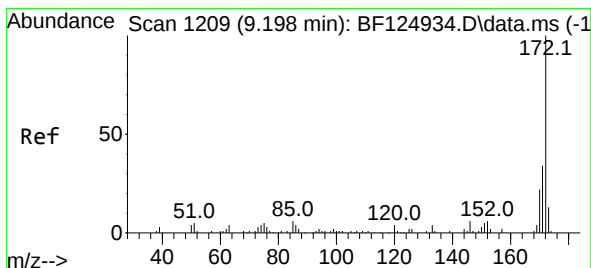
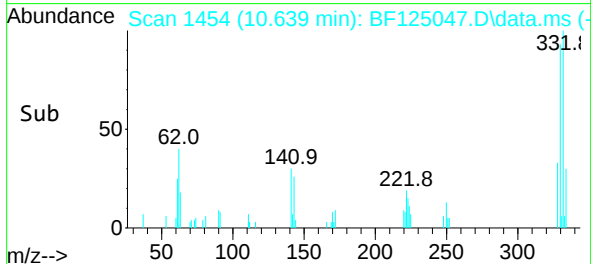
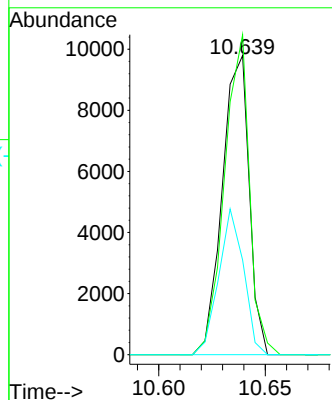
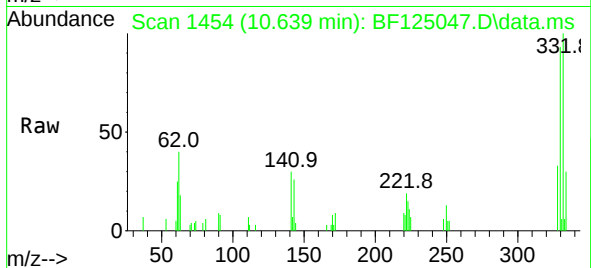




#42
2,4,6-Tribromophenol
Concen: 108.032 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF125047.D
Acq: 11 Aug 2021 00:25

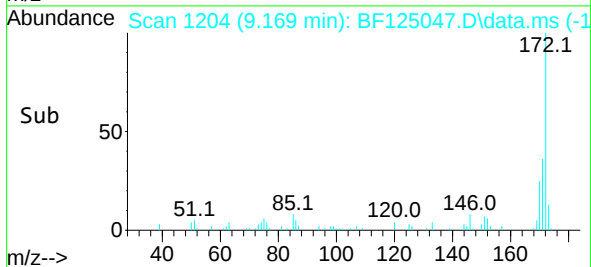
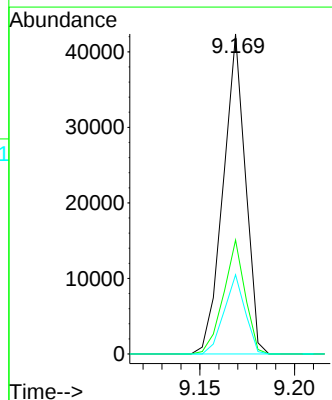
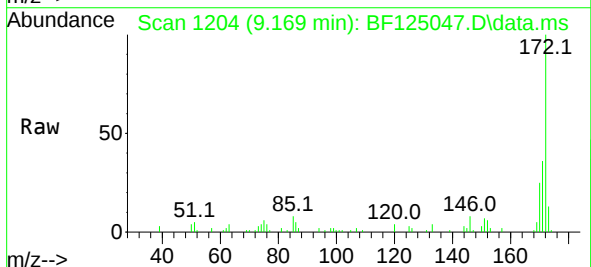
Instrument :
BNA_F
ClientSampleId :
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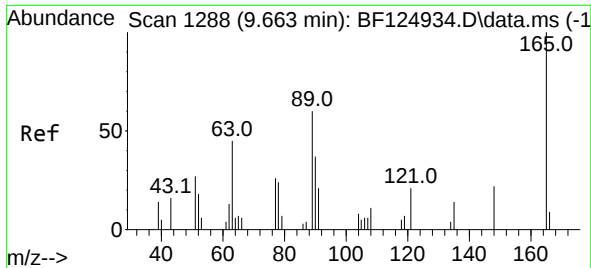
Tgt Ion: 330 Resp: 8614
Ion Ratio Lower Upper
330 100
332 99.3 76.2 114.4
141 45.1 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 56.608 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF125047.D
Acq: 11 Aug 2021 00:25

Tgt Ion: 172 Resp: 34528
Ion Ratio Lower Upper
172 100
171 35.6 26.5 39.7
170 24.8 18.8 28.2

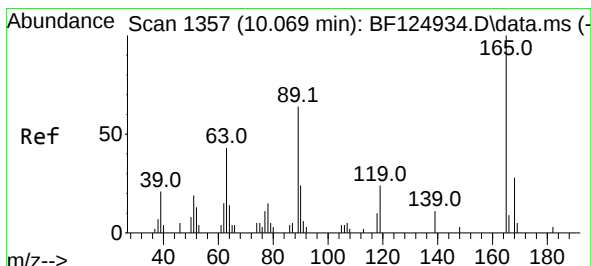
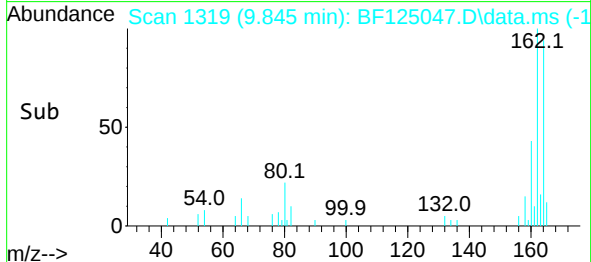
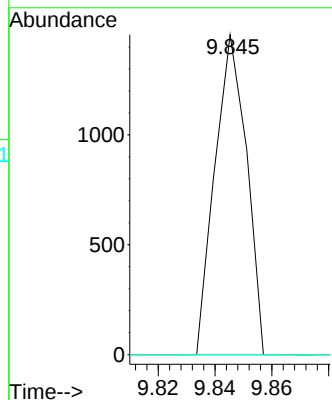
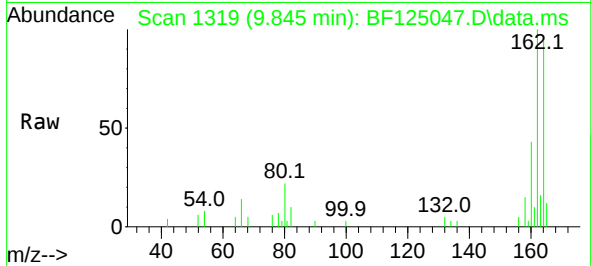




#51
2,6-Dinitrotoluene
Concen: 8.361 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.206 min
Lab File: BF125047.D
Acq: 11 Aug 2021 00:25

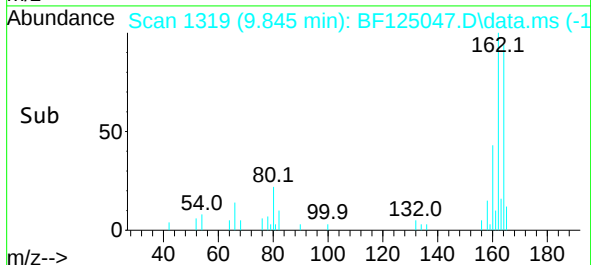
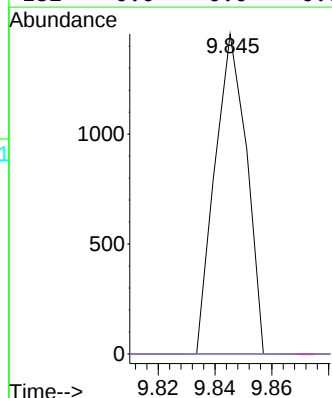
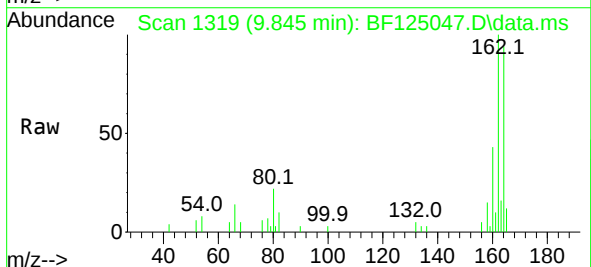
Instrument :
BNA_F
ClientSampled :
124035

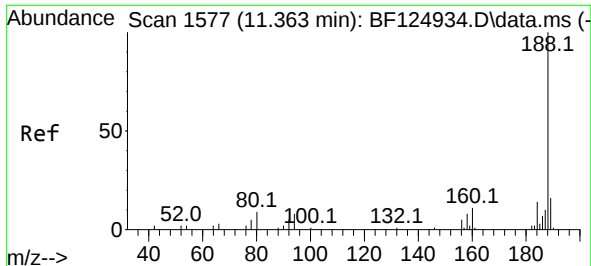
Tgt Ion:165 Resp: 1126
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.158 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.200 min
Lab File: BF125047.D
Acq: 11 Aug 2021 00:25

Tgt Ion:165 Resp: 1126
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

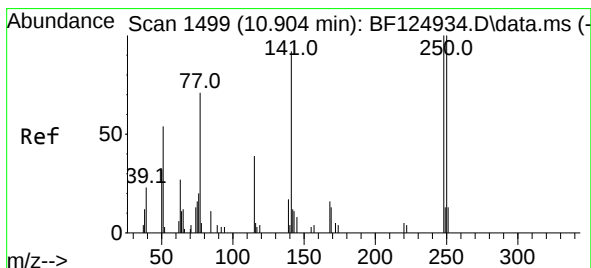
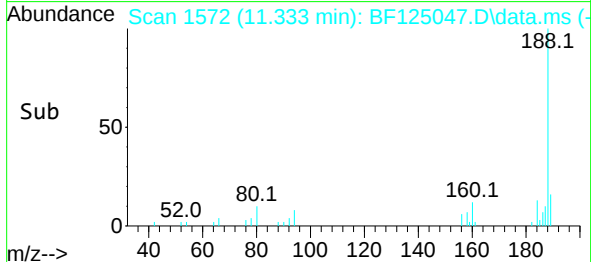
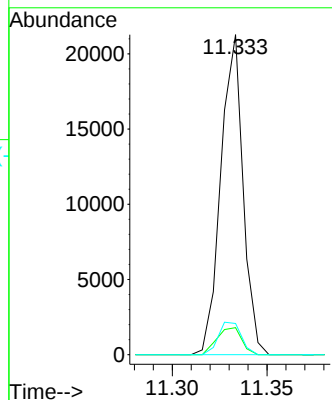
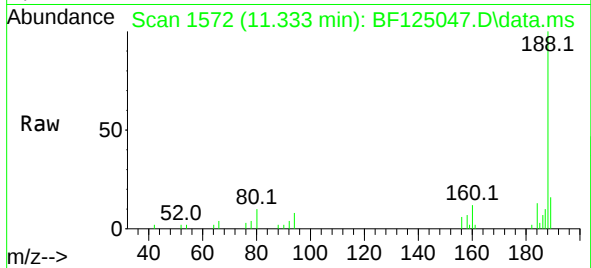




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF125047.D
Acq: 11 Aug 2021 00:25

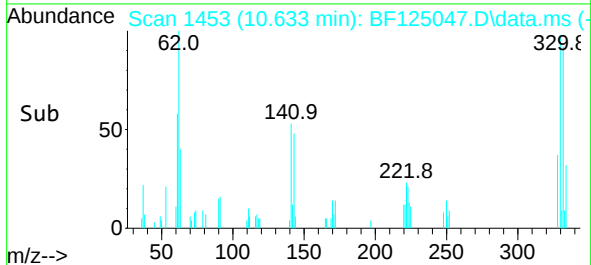
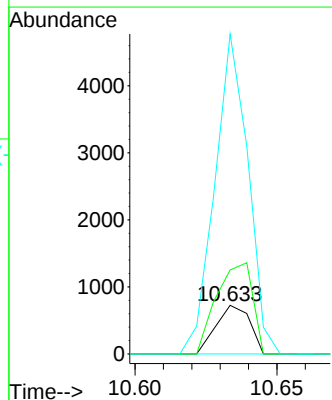
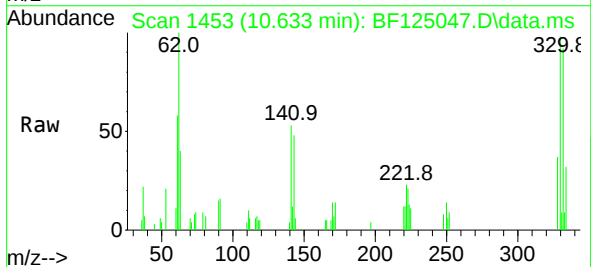
Instrument :
BNA_F
ClientSampleId :
124035

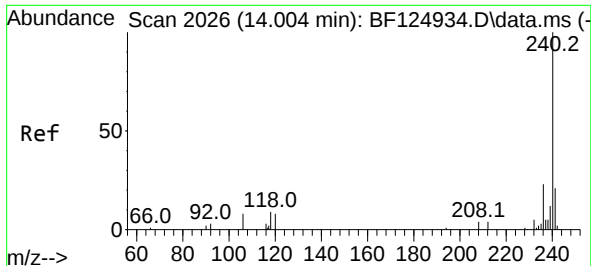
Tgt Ion:188 Resp: 17372
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 9.8 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.143 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.247 min
Lab File: BF125047.D
Acq: 11 Aug 2021 00:25

Tgt Ion:248 Resp: 598
Ion Ratio Lower Upper
248 100
250 173.0 74.2 111.4#
141 658.3 60.4 90.6#

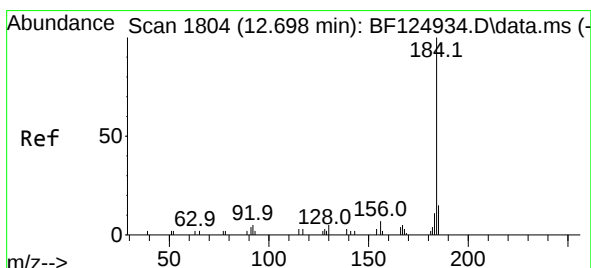
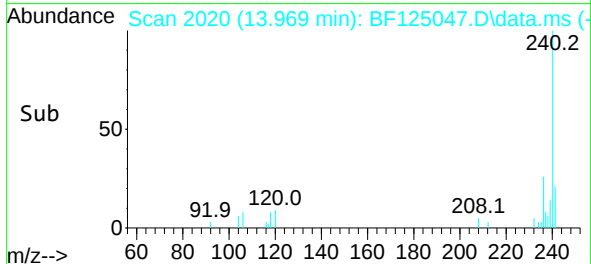
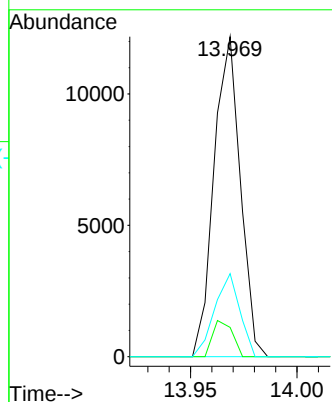
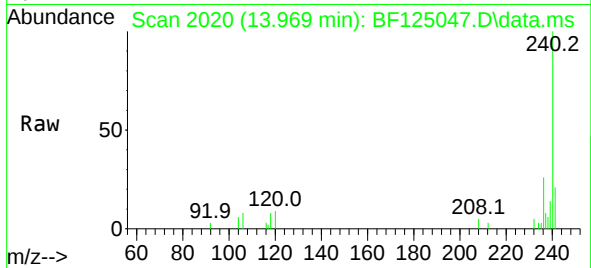




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125047.D
Acq: 11 Aug 2021 00:25

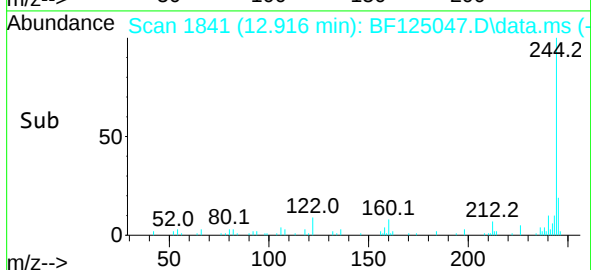
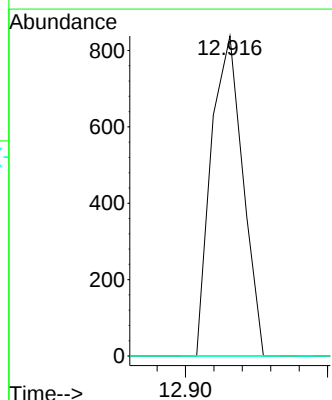
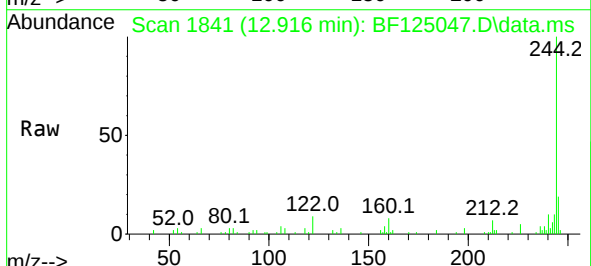
Instrument :
BNA_F
ClientSampleId :
124035

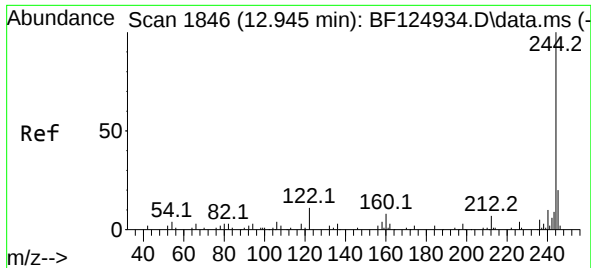
Tgt Ion:240 Resp: 10451
Ion Ratio Lower Upper
240 100
120 9.1 10.8 16.2#
236 25.9 21.6 32.4



#77
Benzidine
Concen: 2.314 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.247 min
Lab File: BF125047.D
Acq: 11 Aug 2021 00:25

Tgt Ion:184 Resp: 647
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

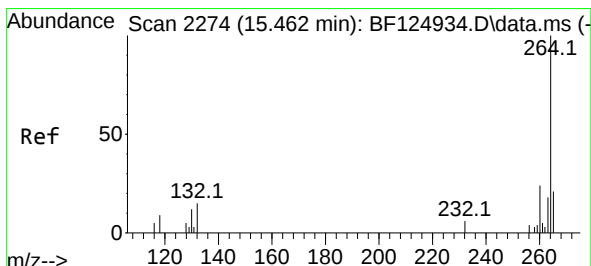
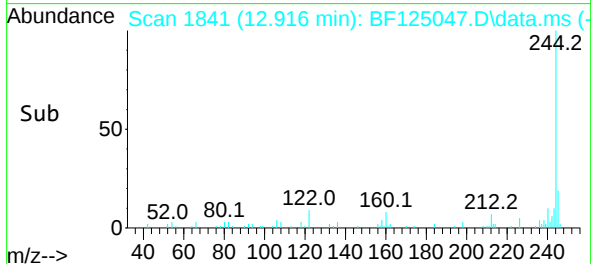
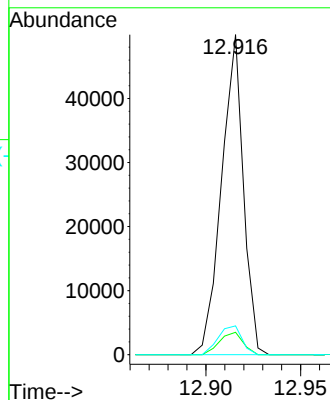
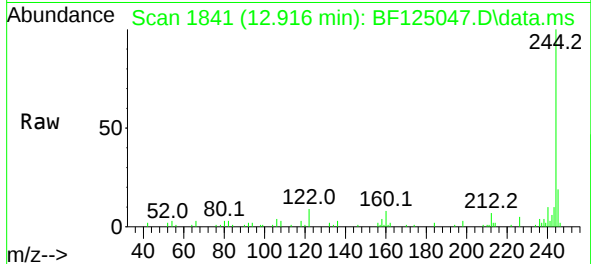




#79
Terphenyl-d14
Concen: 64.653 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.000 min
Lab File: BF125047.D
Acq: 11 Aug 2021 00:25

Instrument :
BNA_F
ClientSampleId :
124035

Tgt Ion:244	Resp:	40057
Ion Ratio	Lower	Upper
244	100	
212	7.0	5.9 8.9
122	9.0	9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.006 min
Lab File: BF125047.D
Acq: 11 Aug 2021 00:25

Tgt Ion:264	Resp:	9461
Ion Ratio	Lower	Upper
264	100	
260	28.7	19.6 29.4
265	23.7	17.2 25.8

