

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081021\
 Data File : BF125034.D
 Acq On : 10 Aug 2021 17:01
 Operator : JU/CG
 Sample : PB138299BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB138299BL

Quant Time: Aug 10 17:56:51 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)

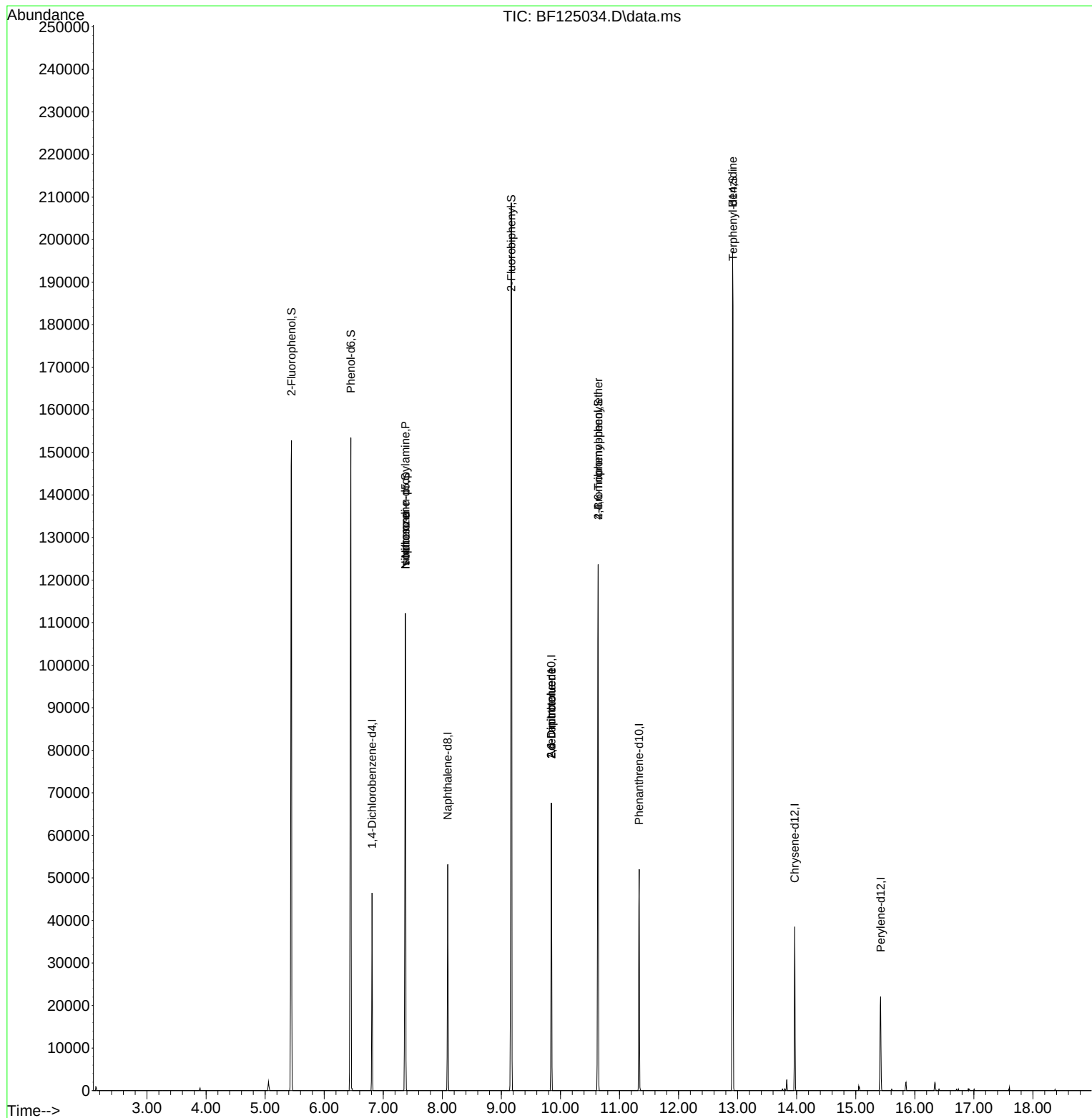
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	5997	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	23001	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	13766	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	19182	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	13769	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	11243	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	39445	107.746	ng	0.01
7) Phenol-d6	6.451	99	50069	108.464	ng	0.00
23) Nitrobenzene-d5	7.375	82	40466	92.035	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	12834	104.354	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	65391	69.506	ng	0.00
79) Terphenyl-d14	12.922	244	72166	88.410	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.375	70	5612	20.489	ng	# 66
25) Isophorone	7.375	82	40465	53.922	ng	# 59
51) 2,6-Dinitrotoluene	9.845	165	1458	7.019	ng	# 26
57) 2,4-Dinitrotoluene	9.845	165	1458	5.170	ng	# 18
67) 4-Bromophenyl-phenylether	10.639	248	730	3.475	ng	# 1
77) Benzidine	12.916	184	961	2.608	ng	# 69

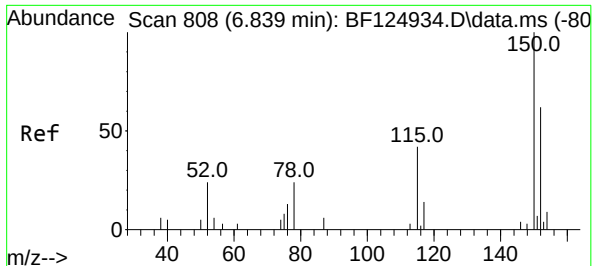
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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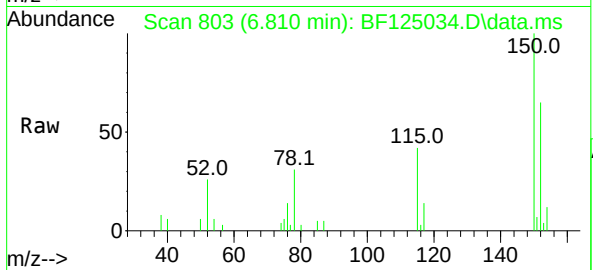
Quant Time: Aug 10 17:56:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
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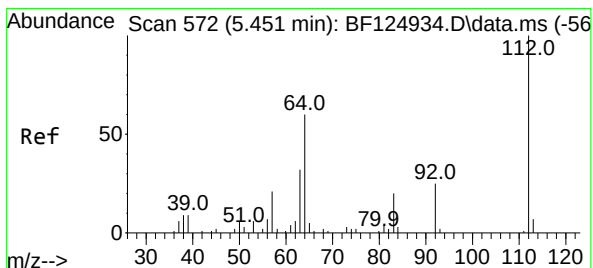
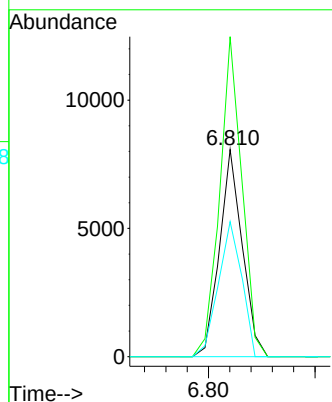
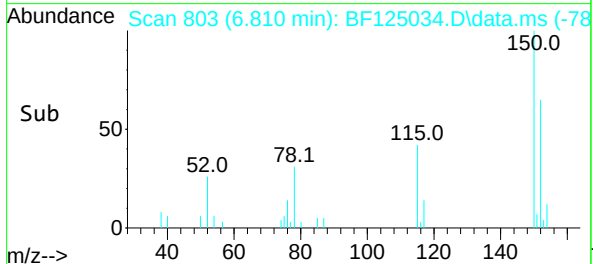


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF125034.D
Acq: 10 Aug 2021 17:01

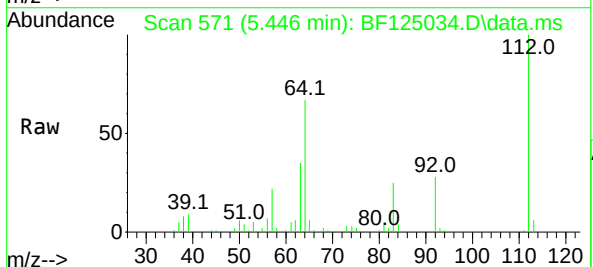
Instrument :
BNA_F
ClientSampleId :
PB138299BL



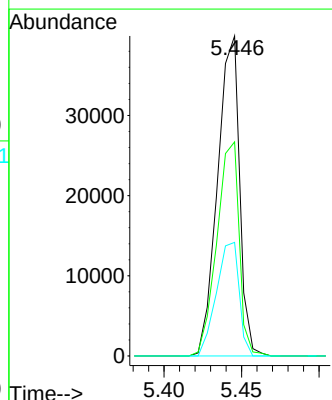
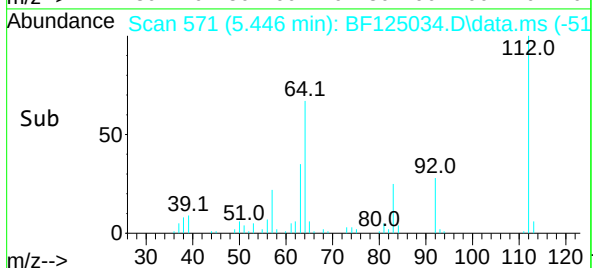
Tgt Ion:152 Resp: 5997
Ion Ratio Lower Upper
152 100
150 154.5 117.6 176.4
115 65.2 47.1 70.7

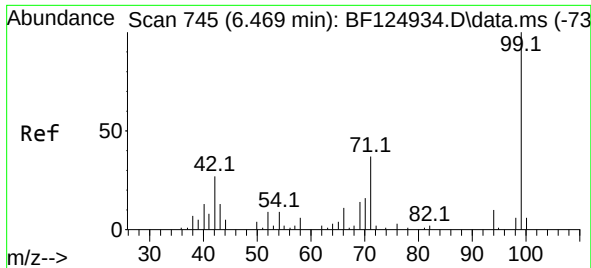


#5
2-Fluorophenol
Concen: 107.746 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF125034.D
Acq: 10 Aug 2021 17:01



Tgt Ion:112 Resp: 39445
Ion Ratio Lower Upper
112 100
64 66.9 44.2 66.2#
63 35.5 26.2 39.2

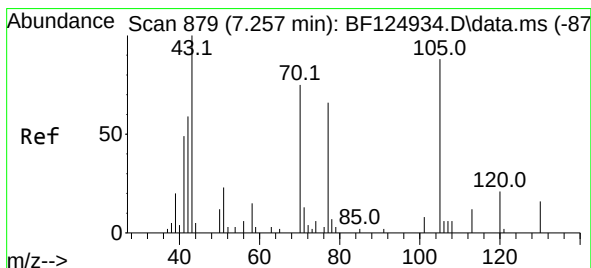
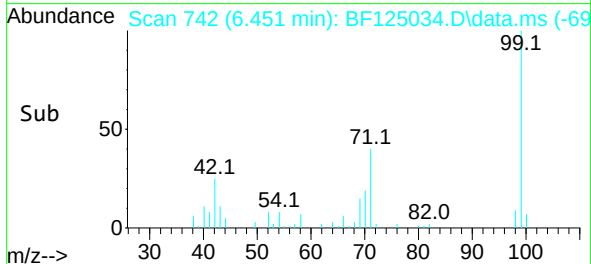
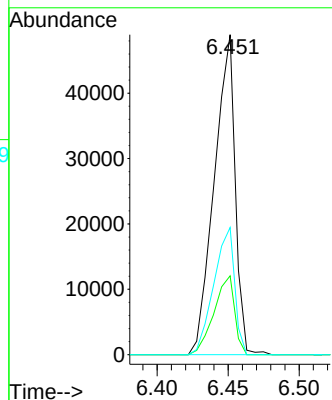
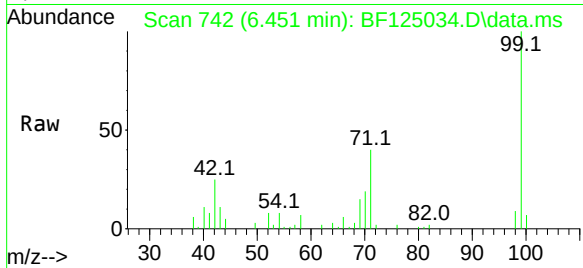




#7
Phenol-d6
Concen: 108.464 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF125034.D
Acq: 10 Aug 2021 17:01

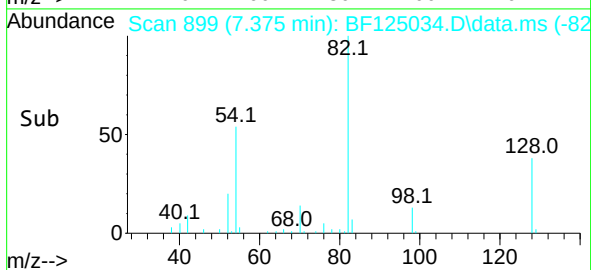
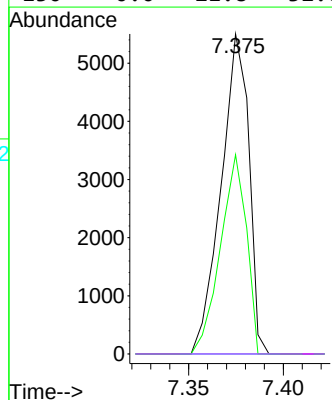
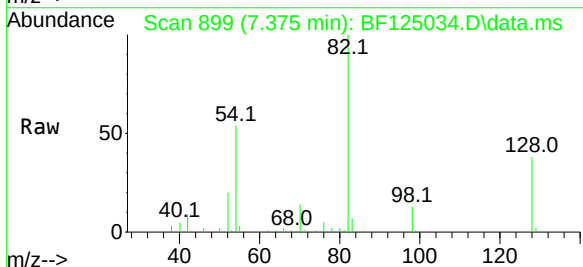
Instrument :
BNA_F
ClientSampled :
PB138299BL

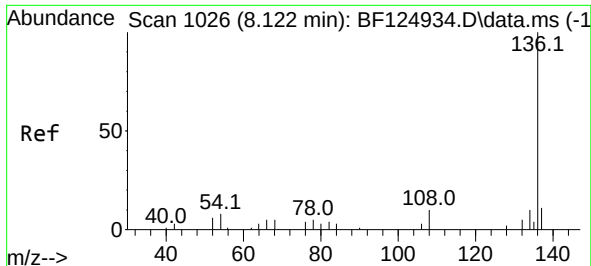
Tgt Ion:	99	Resp:	50069
Ion	Ratio	Lower	Upper
99	100		
42	24.7	23.5	35.3
71	39.7	25.6	38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 20.489 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.147 min
Lab File: BF125034.D
Acq: 10 Aug 2021 17:01

Tgt Ion:	70	Resp:	5612
Ion	Ratio	Lower	Upper
70	100		
42	62.2	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

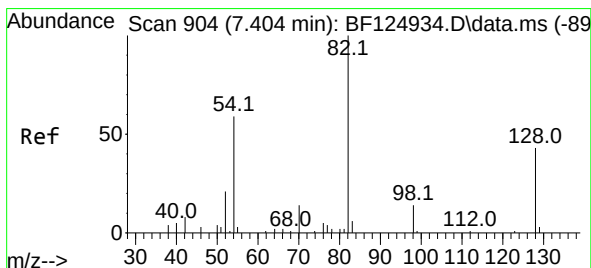
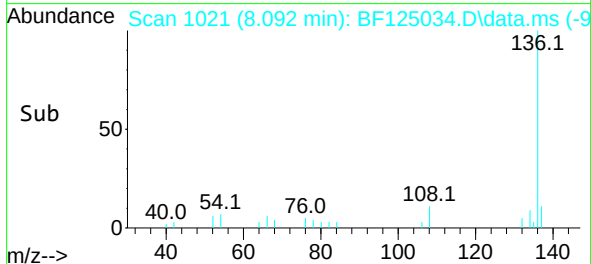
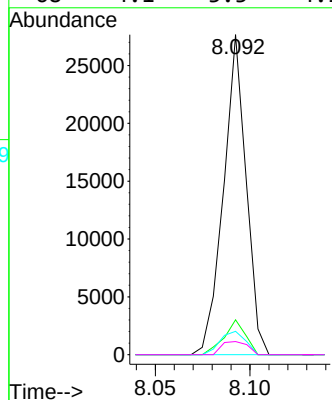
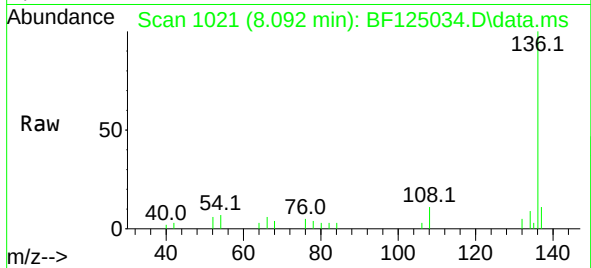




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF125034.D
Acq: 10 Aug 2021 17:01

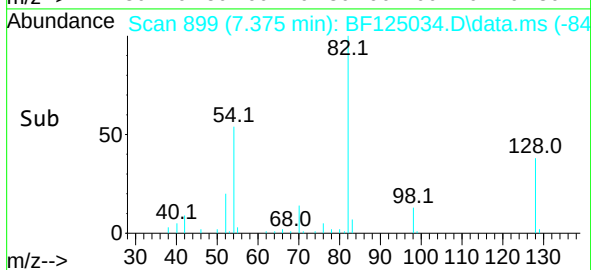
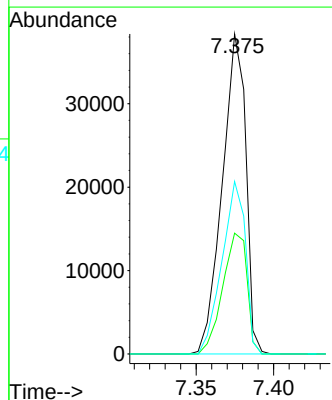
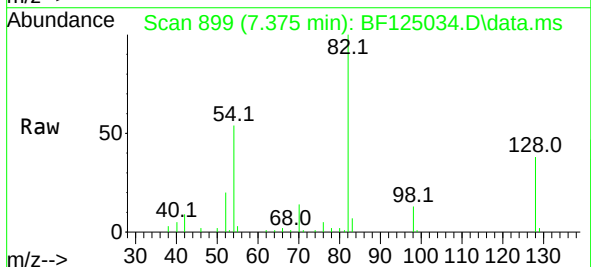
Instrument :
BNA_F
ClientSampleId :
PB138299BL

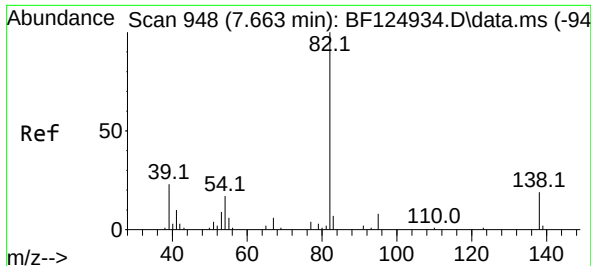
Tgt Ion:136	Resp:	23001
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.8 14.6
54	7.3	6.4 9.6
68	4.1	3.3 4.9



#23
Nitrobenzene-d5
Concen: 92.035 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF125034.D
Acq: 10 Aug 2021 17:01

Tgt Ion: 82	Resp:	40466
Ion Ratio	Lower	Upper
82	100	
128	37.8	40.6 60.8#
54	53.9	49.6 74.4

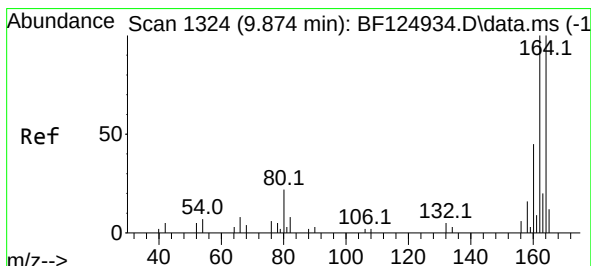
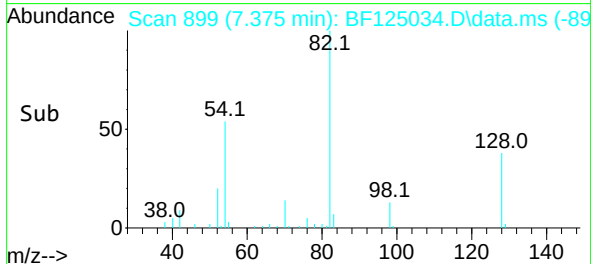
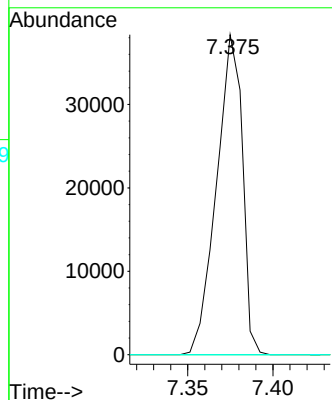
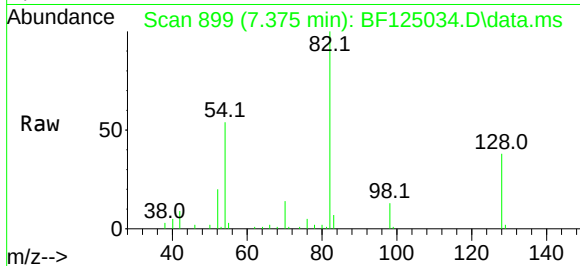




#25
Isophorone
Concen: 53.922 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.265 min
Lab File: BF125034.D
Acq: 10 Aug 2021 17:01

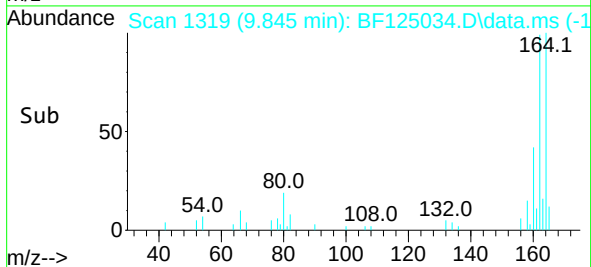
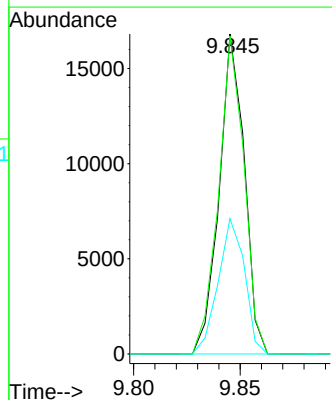
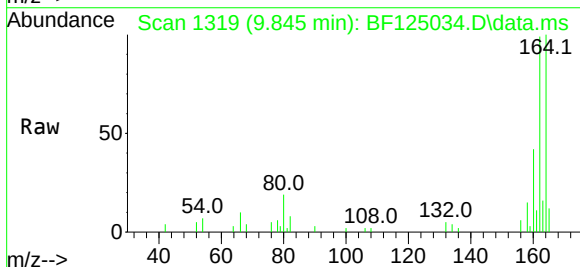
Instrument :
BNA_F
ClientSampleId :
PB138299BL

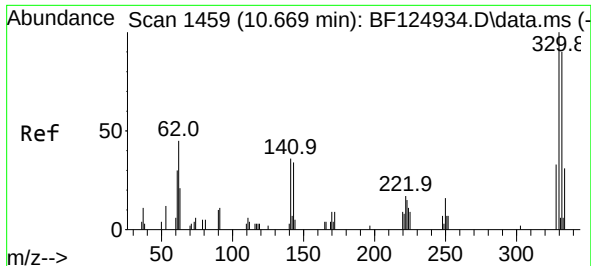
Tgt Ion: 82 Resp: 40465
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF125034.D
Acq: 10 Aug 2021 17:01

Tgt Ion: 164 Resp: 13766
Ion Ratio Lower Upper
164 100
162 99.4 81.3 121.9
160 42.3 38.0 57.0

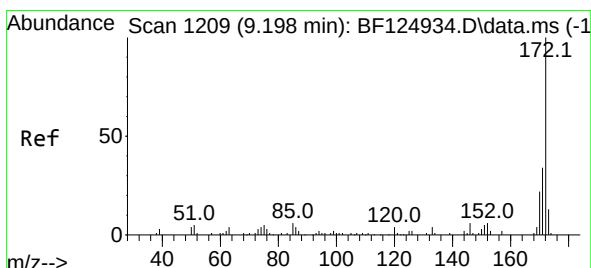
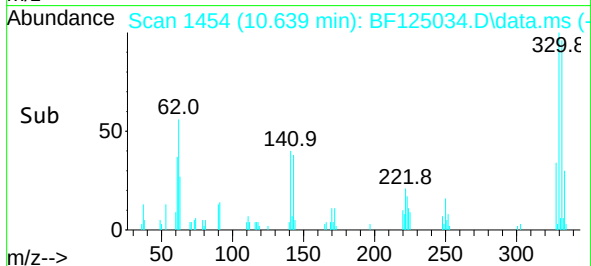
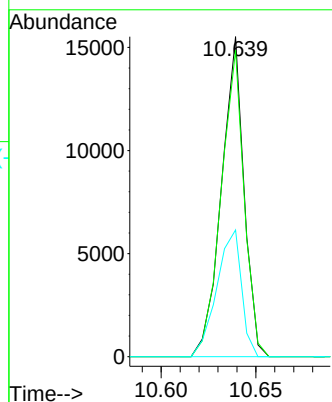
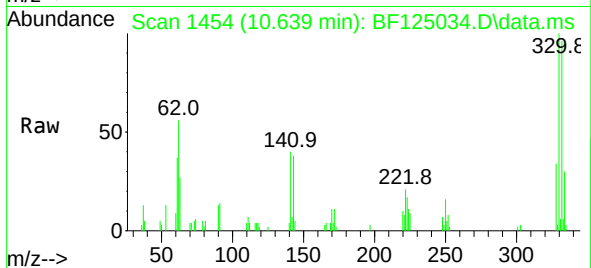




#42
2,4,6-Tribromophenol
Concen: 104.354 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF125034.D
Acq: 10 Aug 2021 17:01

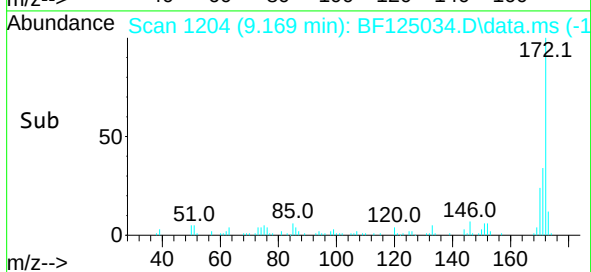
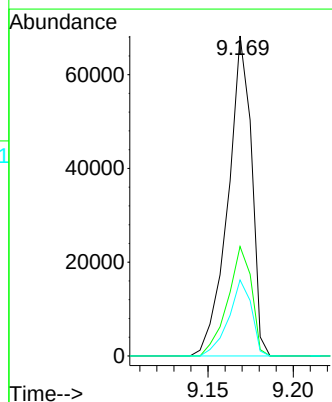
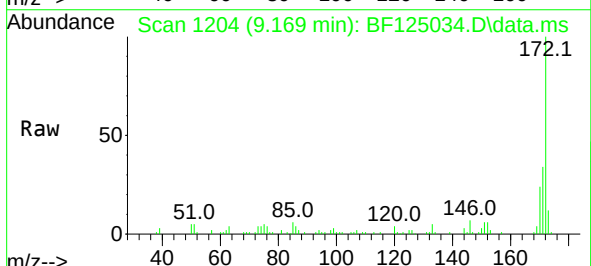
Instrument :
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ClientSampleID :
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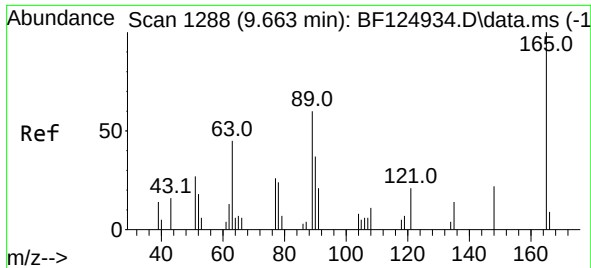
Tgt Ion: 330 Resp: 12834
Ion Ratio Lower Upper
330 100
332 97.9 76.2 114.4
141 43.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 69.506 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF125034.D
Acq: 10 Aug 2021 17:01

Tgt Ion: 172 Resp: 65391
Ion Ratio Lower Upper
172 100
171 34.2 26.5 39.7
170 23.8 18.8 28.2

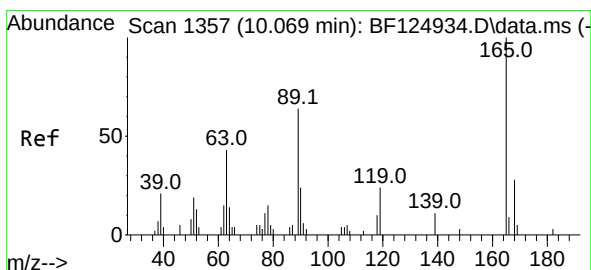
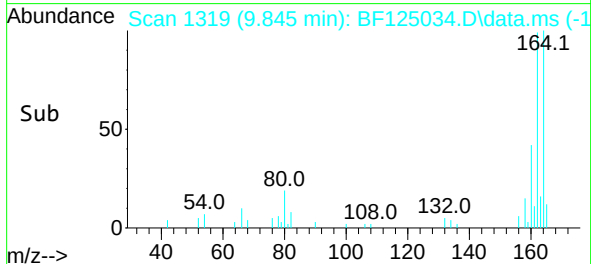
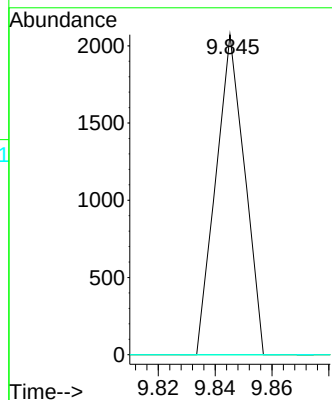
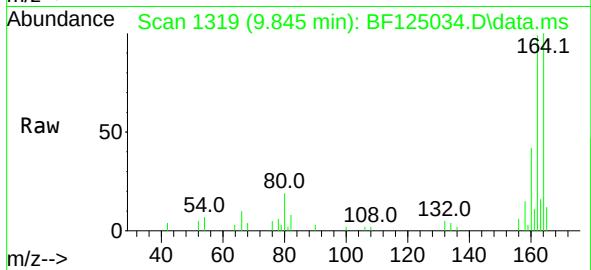




#51
2,6-Dinitrotoluene
Concen: 7.019 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.206 min
Lab File: BF125034.D
Acq: 10 Aug 2021 17:01

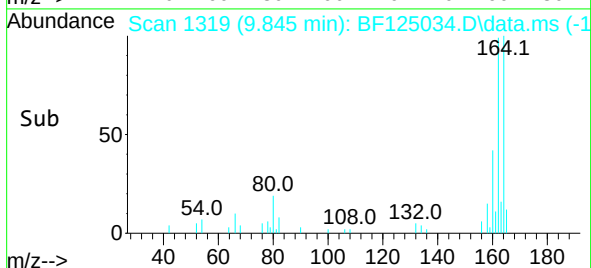
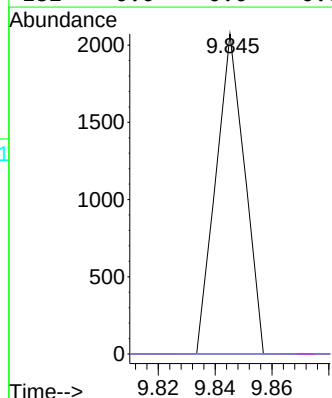
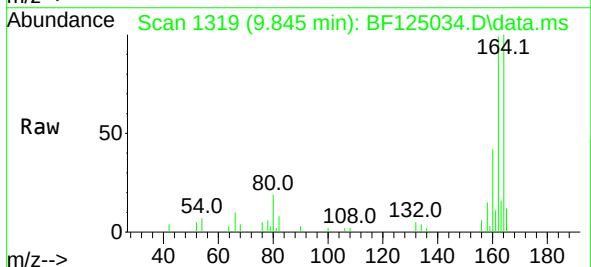
Instrument :
BNA_F
ClientSampled :
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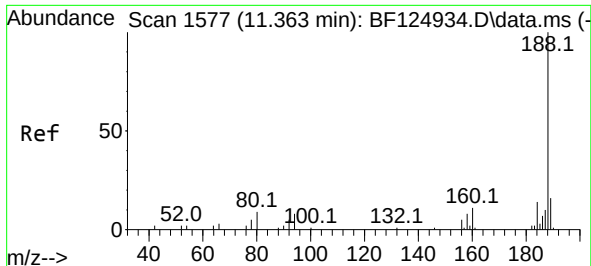
Tgt Ion:165 Resp: 1458
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.170 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.200 min
Lab File: BF125034.D
Acq: 10 Aug 2021 17:01

Tgt Ion:165 Resp: 1458
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

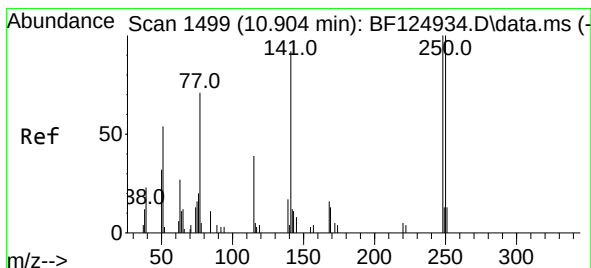
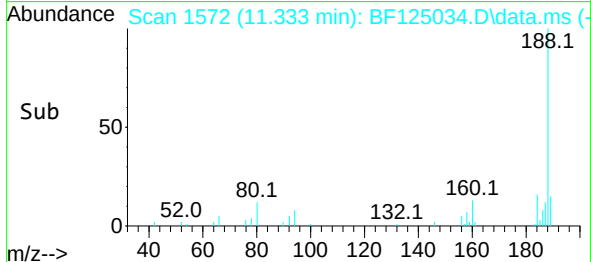
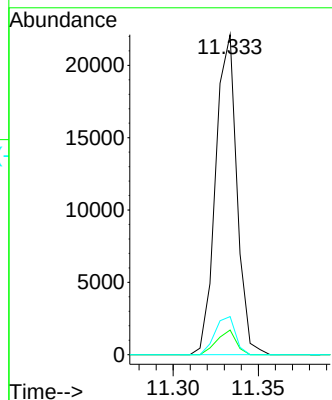
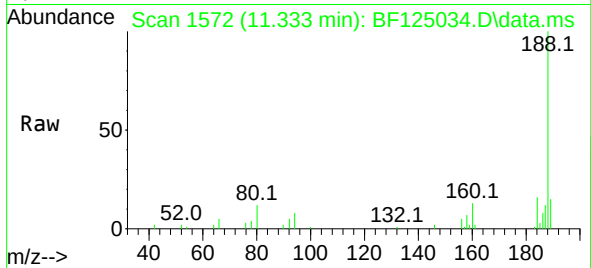




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF125034.D
Acq: 10 Aug 2021 17:01

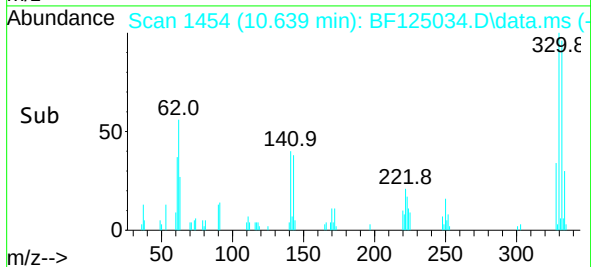
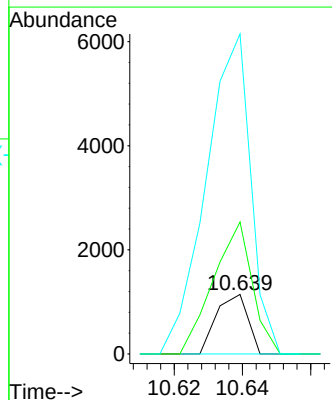
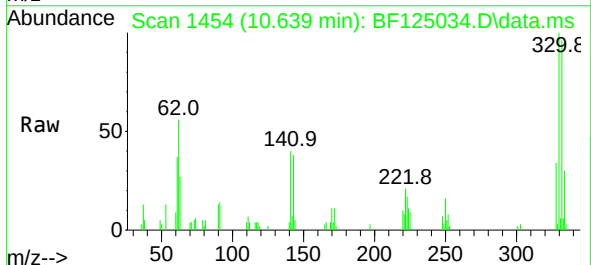
Instrument :
BNA_F
ClientSampleId :
PB138299BL

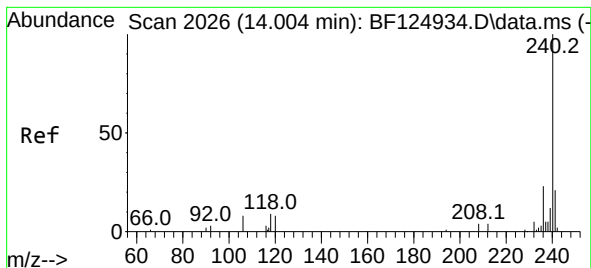
Tgt Ion:188 Resp: 19182
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 11.9 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 3.475 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.241 min
Lab File: BF125034.D
Acq: 10 Aug 2021 17:01

Tgt Ion:248 Resp: 730
Ion Ratio Lower Upper
248 100
250 222.0 74.2 111.4#
141 537.8 60.4 90.6#

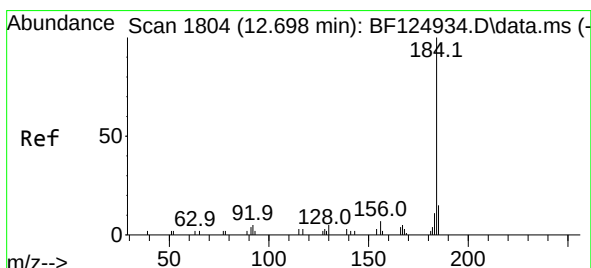
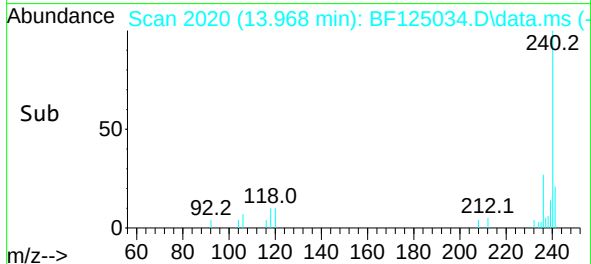
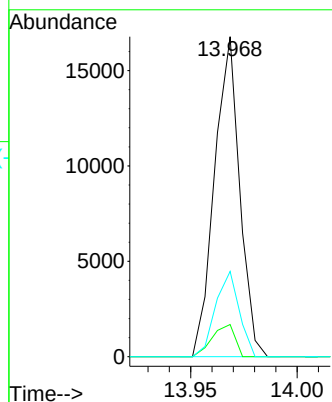
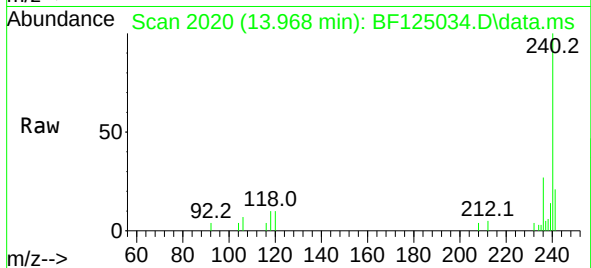




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125034.D
Acq: 10 Aug 2021 17:01

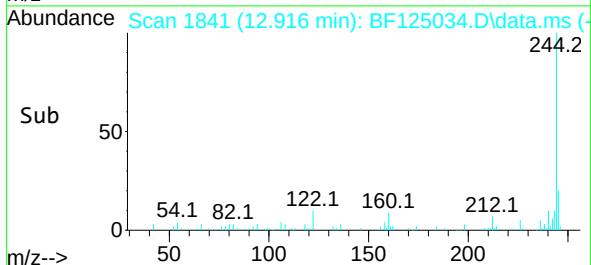
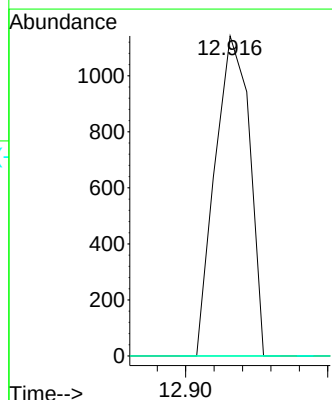
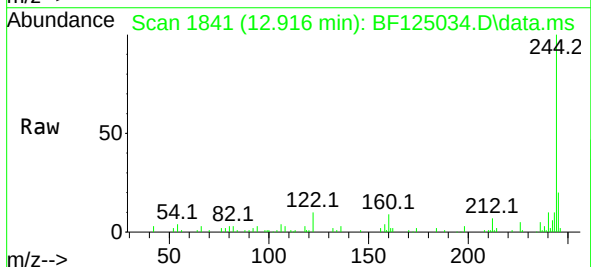
Instrument :
BNA_F
ClientSampleId :
PB138299BL

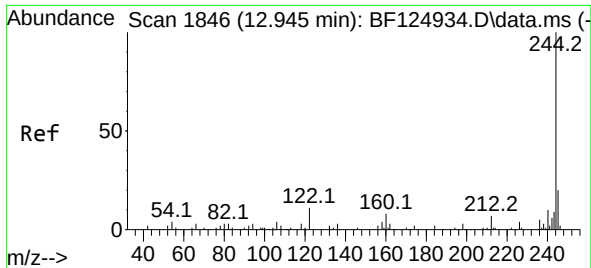
Tgt Ion:240 Resp: 13769
Ion Ratio Lower Upper
240 100
120 10.0 10.8 16.2#
236 26.6 21.6 32.4



#77
Benzidine
Concen: 2.608 ng
RT: 12.916 min Scan# 1841
Delta R.T. 0.247 min
Lab File: BF125034.D
Acq: 10 Aug 2021 17:01

Tgt Ion:184 Resp: 961
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

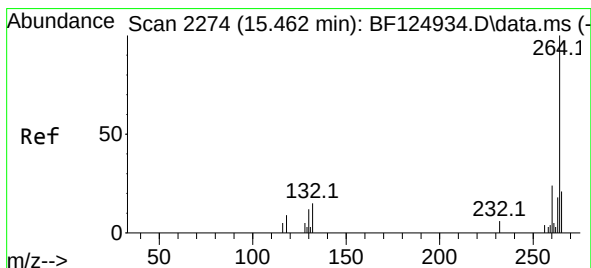
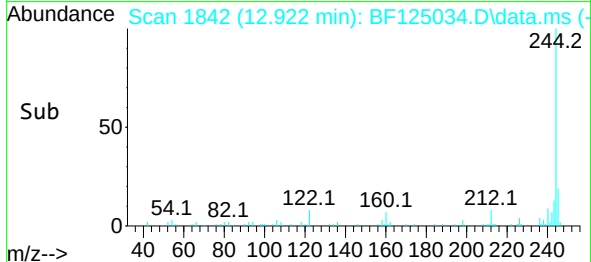
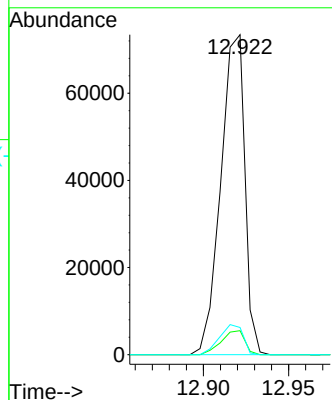
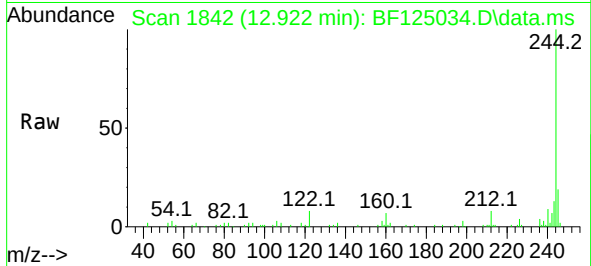




#79
Terphenyl-d14
Concen: 88.410 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.006 min
Lab File: BF125034.D
Acq: 10 Aug 2021 17:01

Instrument :
BNA_F
ClientSampleId :
PB138299BL

Tgt Ion:244 Resp: 72166
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 8.5 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: BF125034.D
Acq: 10 Aug 2021 17:01

Tgt Ion:264 Resp: 11243
Ion Ratio Lower Upper
264 100
260 24.1 19.6 29.4
265 26.3 17.2 25.8#

