

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122821\
 Data File : BF126386.D
 Acq On : 28 Dec 2021 17:41
 Operator : JU/CG
 Sample : M5198-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-5

Quant Time: Dec 29 08:23:29 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

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

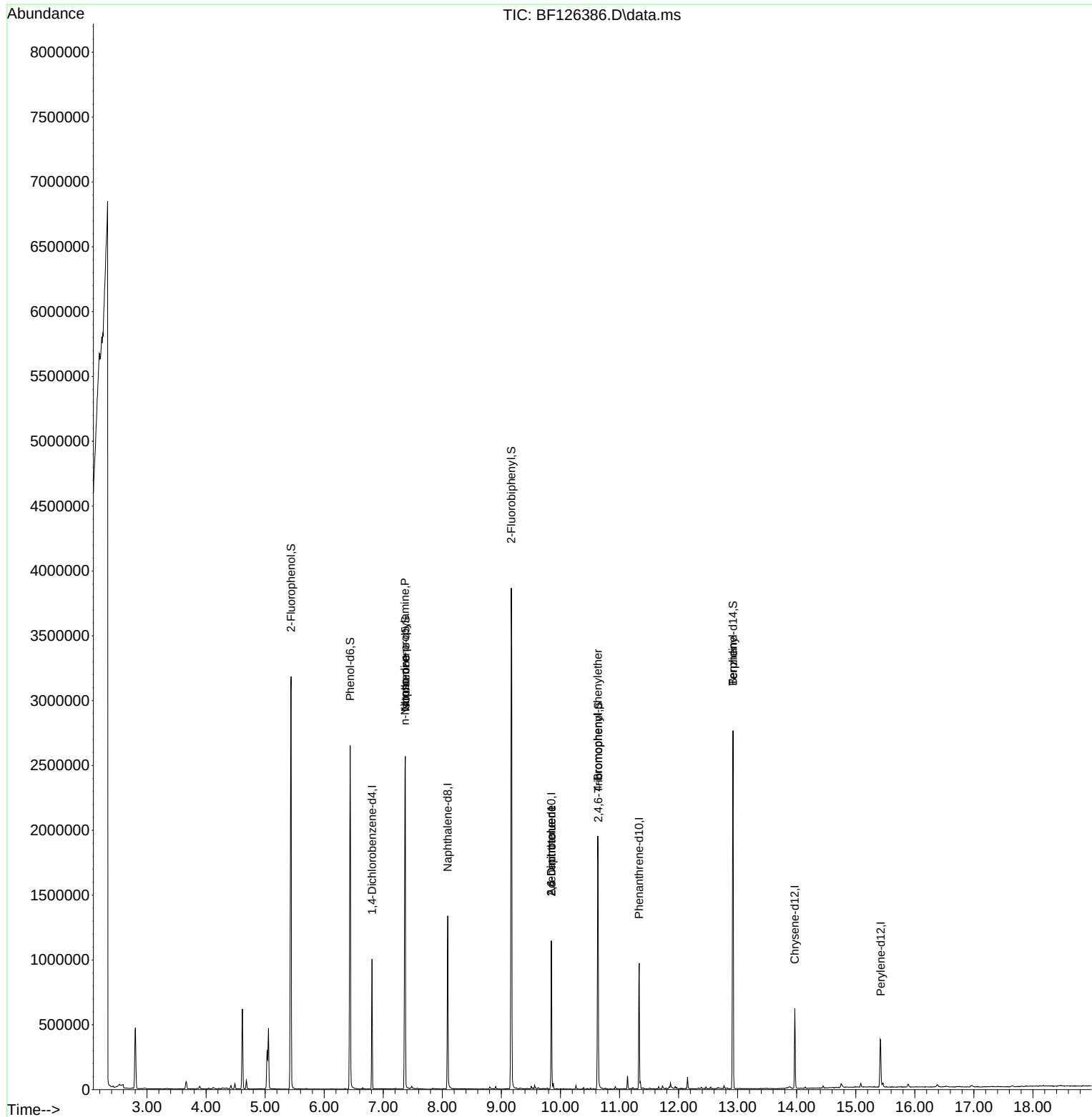
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	133779	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	615705	20.000	ng	#-0.01
39) Acenaphthene-d10	9.845	164	229694	20.000	ng	-0.01
64) Phenanthrene-d10	11.333	188	341666	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	208385	20.000	ng	-0.01
86) Perylene-d12	15.421	264	175525	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1013594	111.577	ng	0.01
7) Phenol-d6	6.440	99	1086431	94.188	ng	0.00
23) Nitrobenzene-d5	7.375	82	1017554	89.507	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	257229	139.350	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	1317737	100.619	ng	-0.01
79) Terphenyl-d14	12.921	244	916148	76.415	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	128532	18.151	ng	# 54
25) Isophorone	7.375	82	1017546	47.398	ng	# 59
51) 2,6-Dinitrotoluene	9.845	165	29737	9.442	ng	# 27
57) 2,4-Dinitrotoluene	9.845	165	29737	7.402	ng	# 19
67) 4-Bromophenyl-phenylether	10.633	248	13156	4.103	ng	# 1
77) Benzidine	12.921	184	11079	3.372	ng	# 88

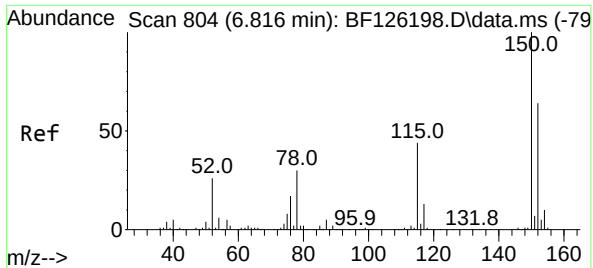
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 22 13:00:11 2021
Response via : Initial Calibration

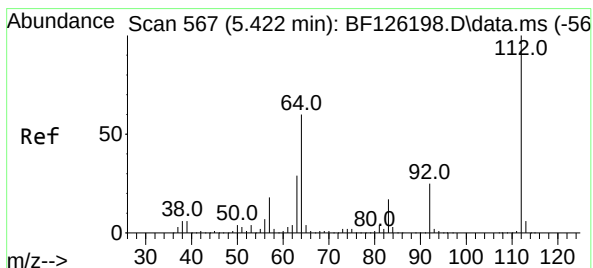
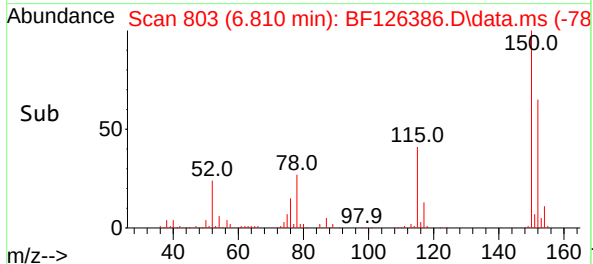
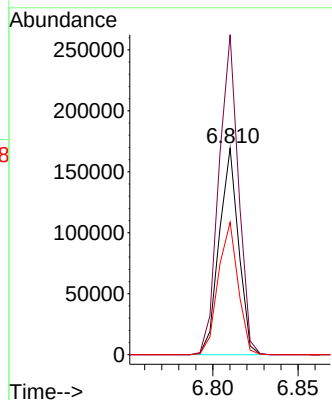
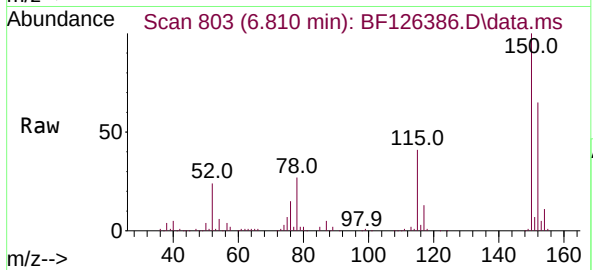




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF126386.D
Acq: 28 Dec 2021 17:41

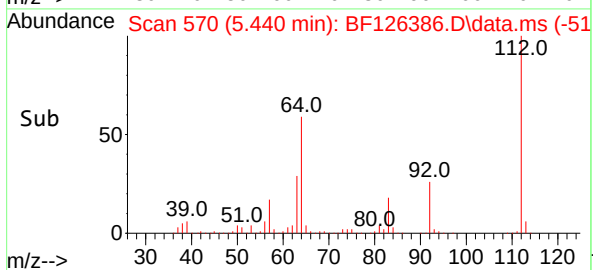
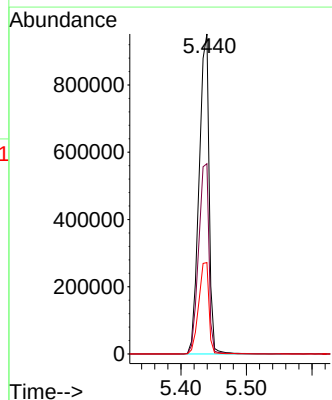
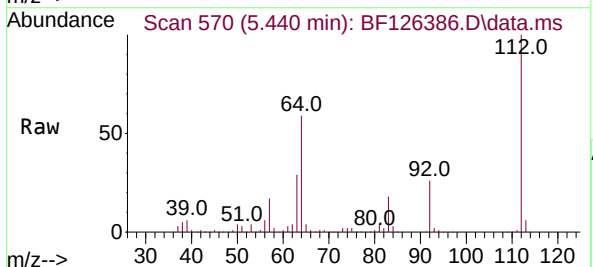
Instrument :
BNA_F
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TP-1-5

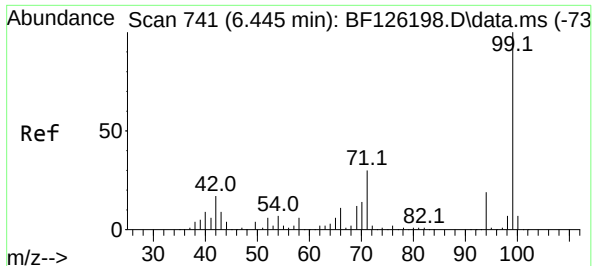
Tgt Ion:152 Resp: 133779
Ion Ratio Lower Upper
152 100
150 154.9 117.6 176.4
115 64.1 47.1 70.7



#5
2-Fluorophenol
Concen: 111.577 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF126386.D
Acq: 28 Dec 2021 17:41

Tgt Ion:112 Resp: 1013594
Ion Ratio Lower Upper
112 100
64 59.4 44.2 66.2
63 28.5 26.2 39.2

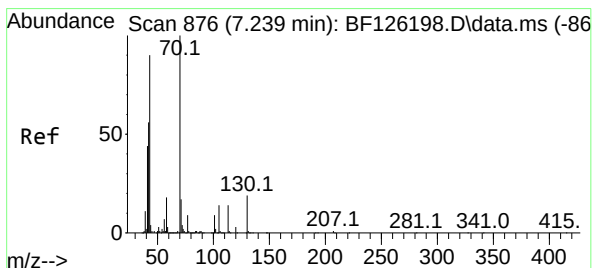
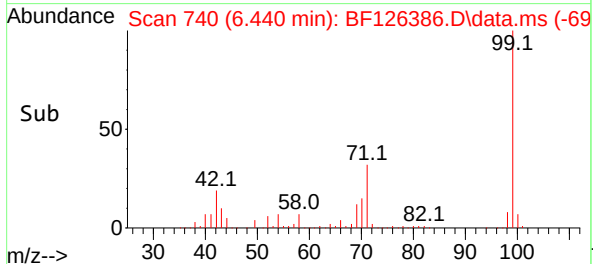
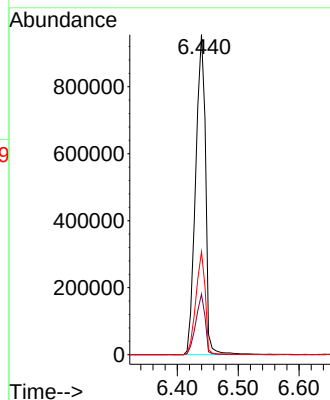
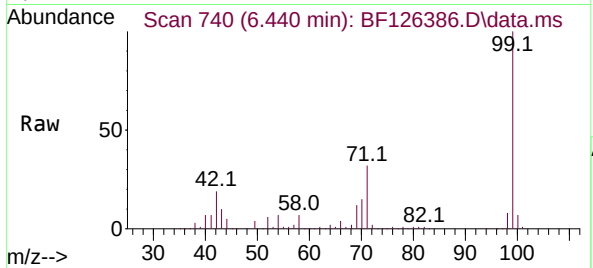




#7
Phenol-d6
Concen: 94.188 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126386.D
Acq: 28 Dec 2021 17:41

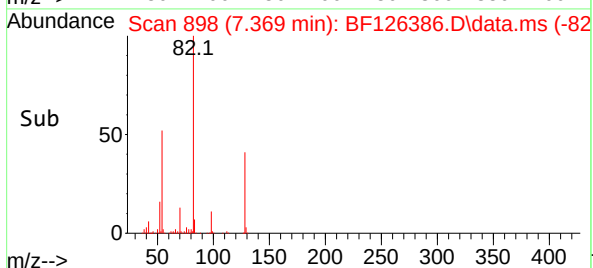
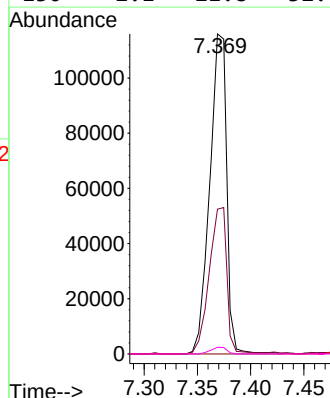
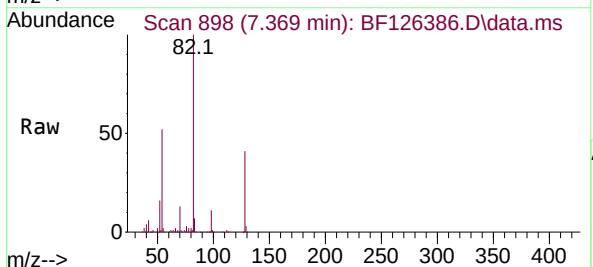
Instrument :
BNA_F
ClientSampleId :
TP-1-5

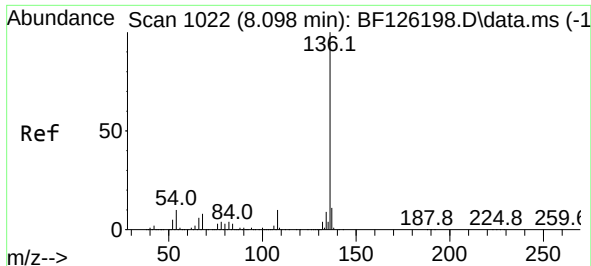
Tgt Ion: 99 Resp: 1086431
Ion Ratio Lower Upper
99 100
42 18.9 23.5 35.3#
71 32.2 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.151 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.135 min
Lab File: BF126386.D
Acq: 28 Dec 2021 17:41

Tgt Ion: 70 Resp: 128532
Ion Ratio Lower Upper
70 100
42 45.2 72.2 108.2#
101 0.0 7.8 11.8#
130 2.1 21.8 32.6#

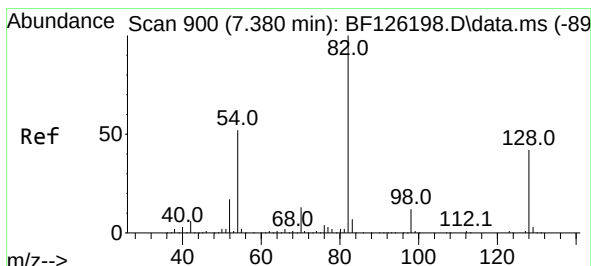
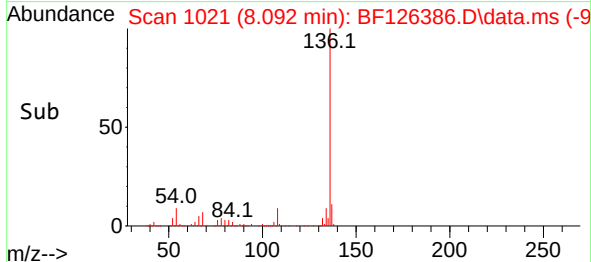
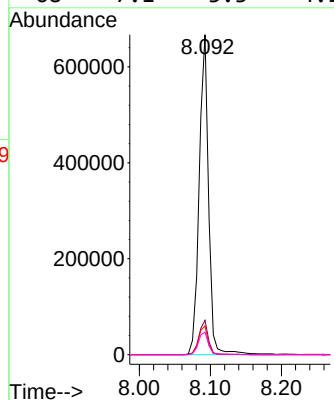
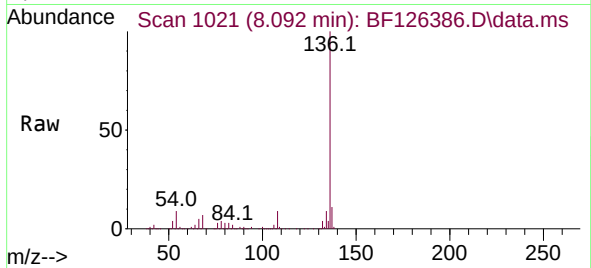




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF126386.D
Acq: 28 Dec 2021 17:41

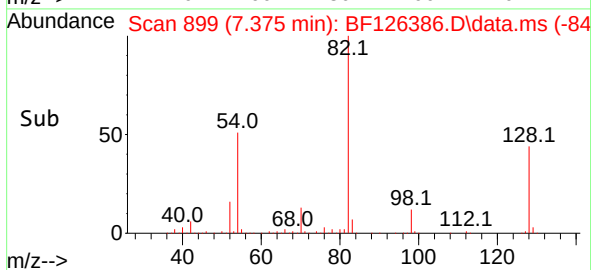
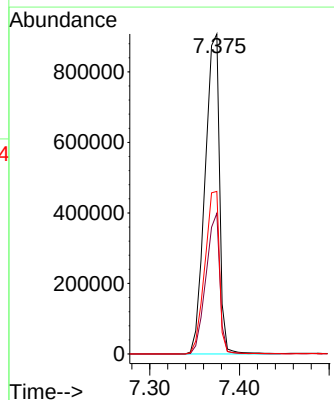
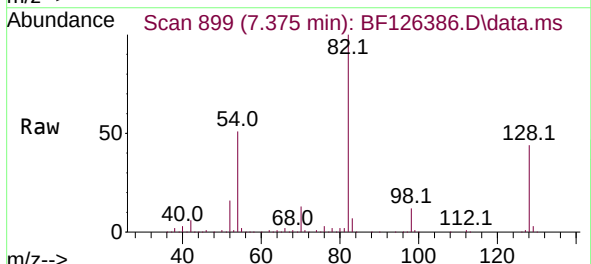
Instrument :
BNA_F
ClientSampleId :
TP-1-5

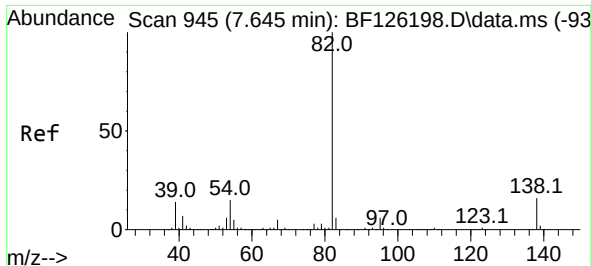
Tgt Ion:136	Resp: 615705
Ion Ratio	Lower Upper
136 100	
137 10.8	9.8 14.6
54 9.0	6.4 9.6
68 7.1	3.3 4.9



#23
Nitrobenzene-d5
Concen: 89.507 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126386.D
Acq: 28 Dec 2021 17:41

Tgt Ion: 82	Resp: 1017554
Ion Ratio	Lower Upper
82 100	
128 43.9	40.6 60.8
54 50.8	49.6 74.4

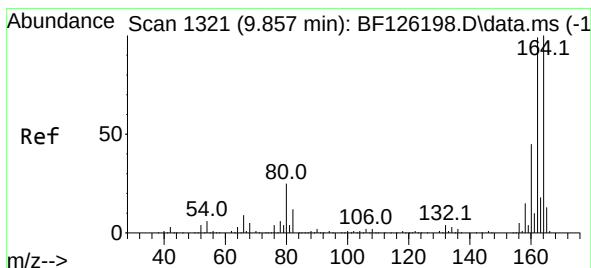
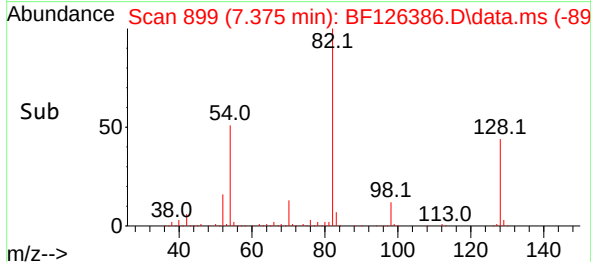
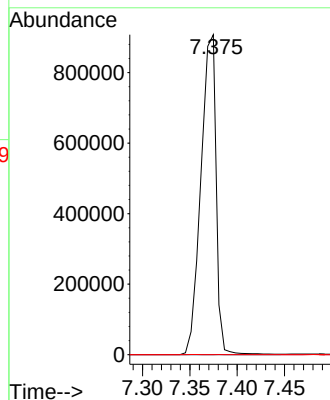
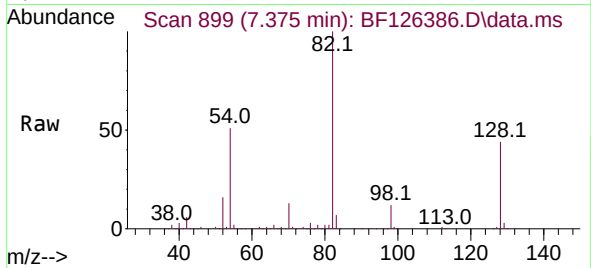




#25
Isophorone
Concen: 47.398 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.265 min
Lab File: BF126386.D
Acq: 28 Dec 2021 17:41

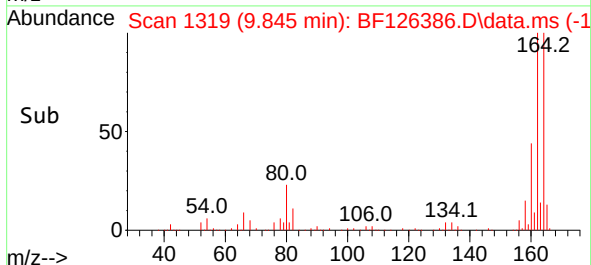
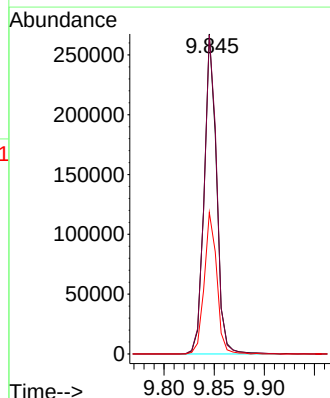
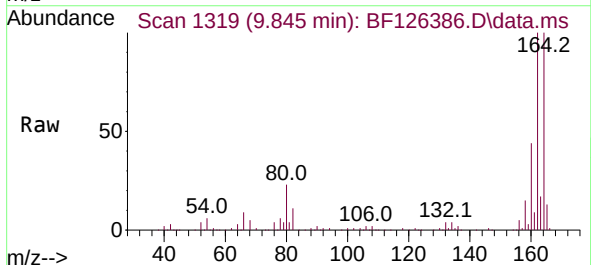
Instrument :
BNA_F
ClientSampleId :
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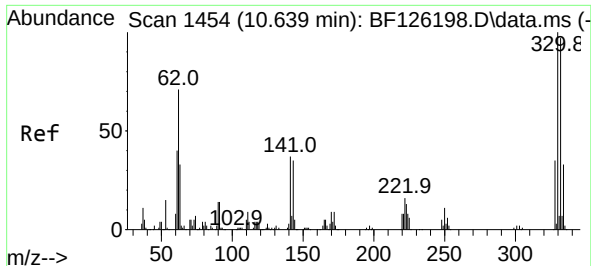
Tgt Ion: 82 Resp: 1017546
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF126386.D
Acq: 28 Dec 2021 17:41

Tgt Ion:164 Resp: 229694
Ion Ratio Lower Upper
164 100
162 99.7 81.3 121.9
160 44.2 38.0 57.0

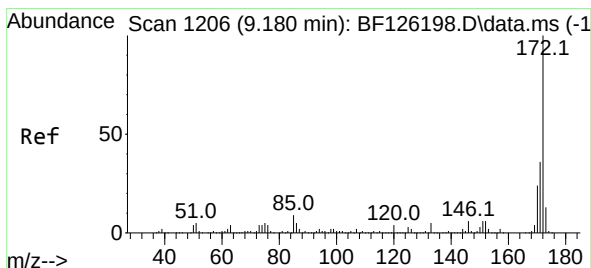
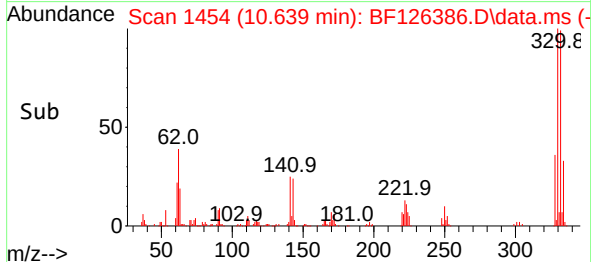
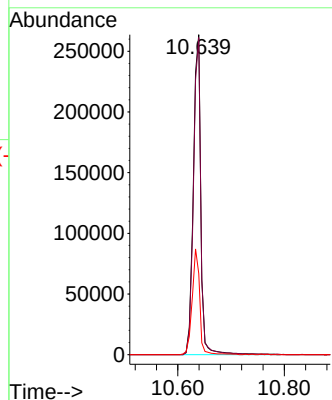
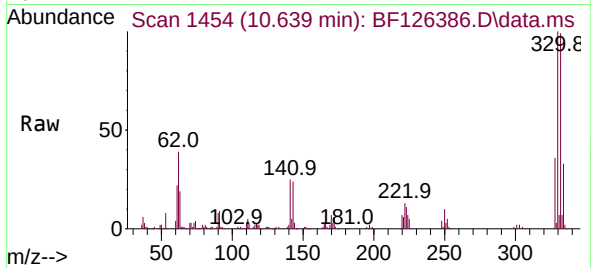




#42
2,4,6-Tribromophenol
Concen: 139.350 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF126386.D
Acq: 28 Dec 2021 17:41

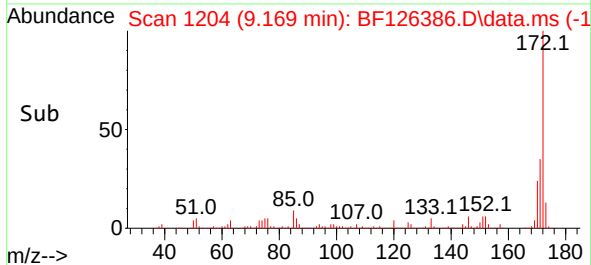
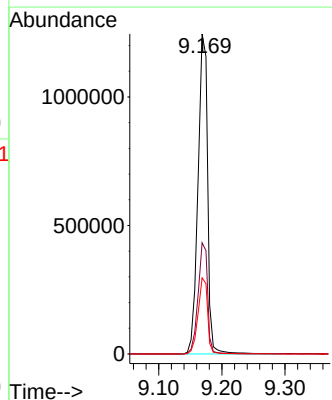
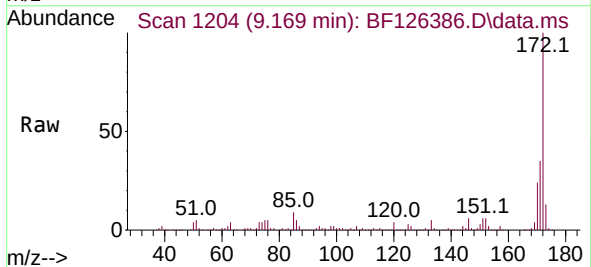
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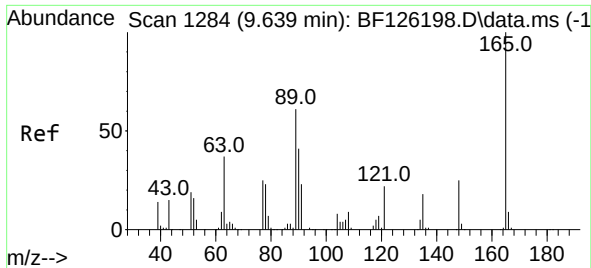
Tgt Ion: 330 Resp: 257229
Ion Ratio Lower Upper
330 100
332 97.2 76.2 114.4
141 33.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 100.619 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.012 min
Lab File: BF126386.D
Acq: 28 Dec 2021 17:41

Tgt Ion: 172 Resp: 1317737
Ion Ratio Lower Upper
172 100
171 34.8 26.5 39.7
170 23.8 18.8 28.2

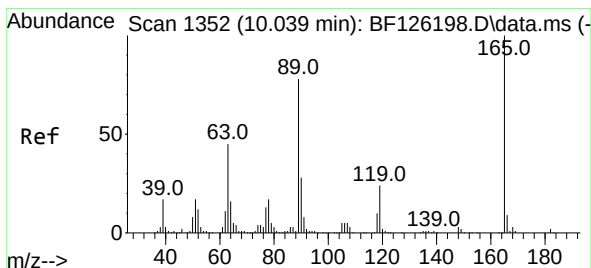
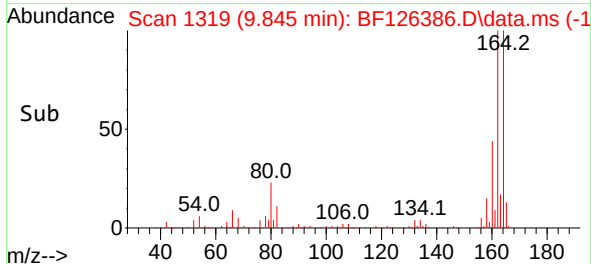
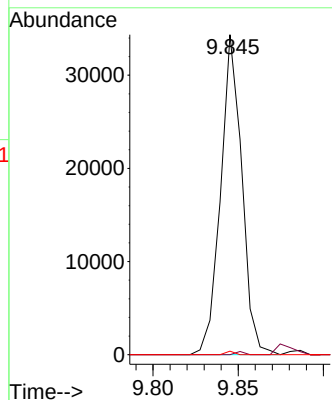
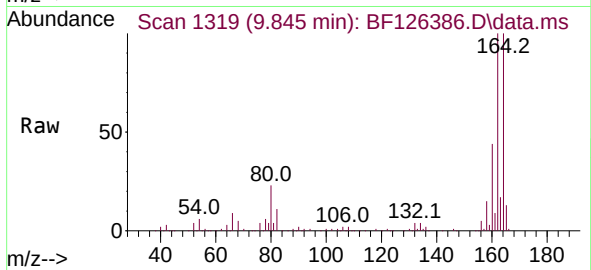




#51
2,6-Dinitrotoluene
Concen: 9.442 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.206 min
Lab File: BF126386.D
Acq: 28 Dec 2021 17:41

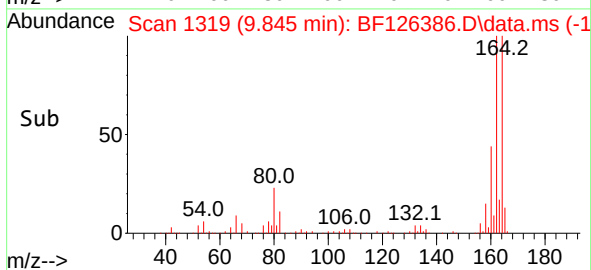
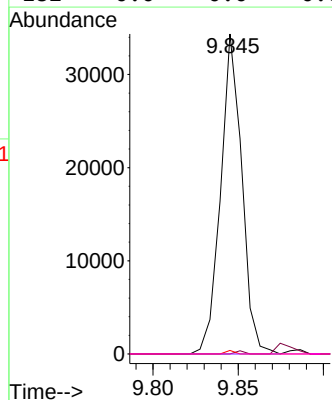
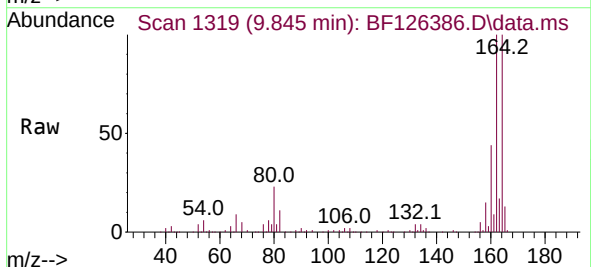
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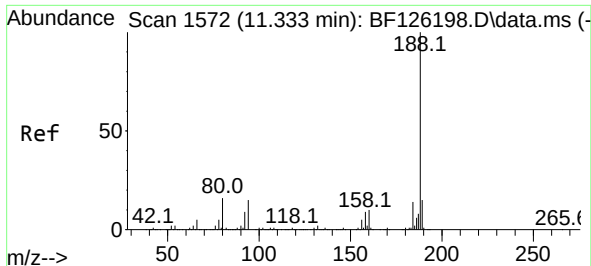
Tgt Ion:165 Resp: 29737
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 1.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.402 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.194 min
Lab File: BF126386.D
Acq: 28 Dec 2021 17:41

Tgt Ion:165 Resp: 29737
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 1.1 59.7 89.5#
182 0.0 0.0 0.0

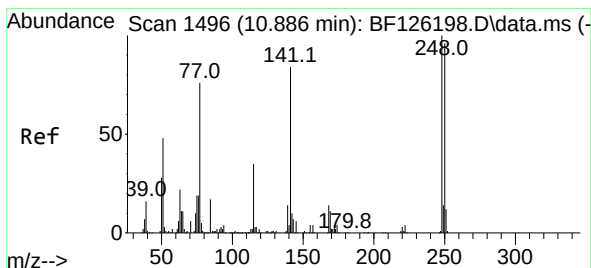
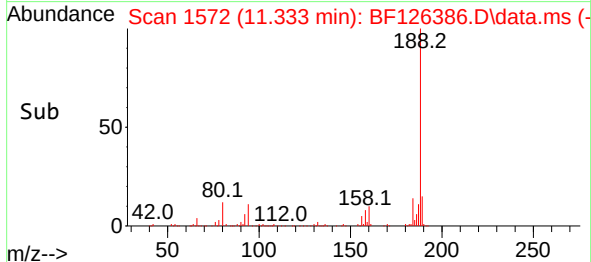
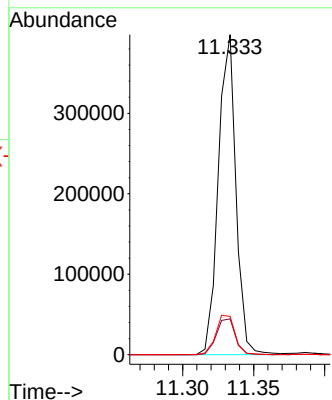
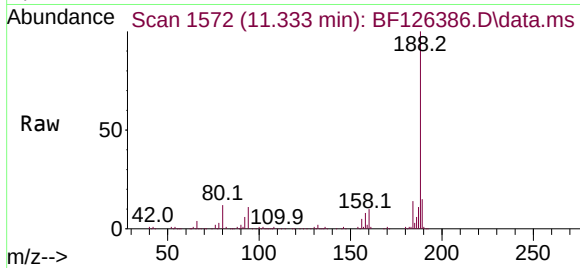




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126386.D
Acq: 28 Dec 2021 17:41

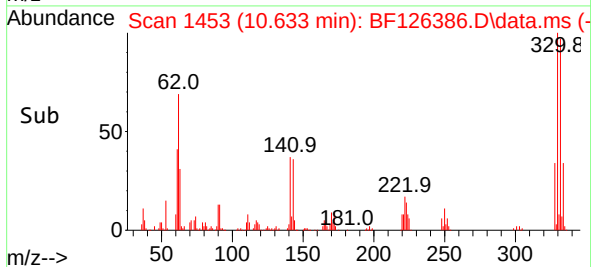
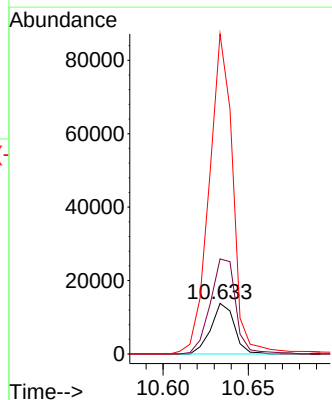
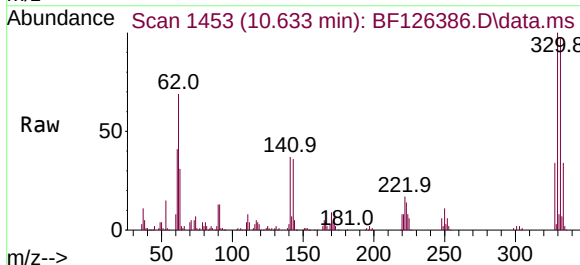
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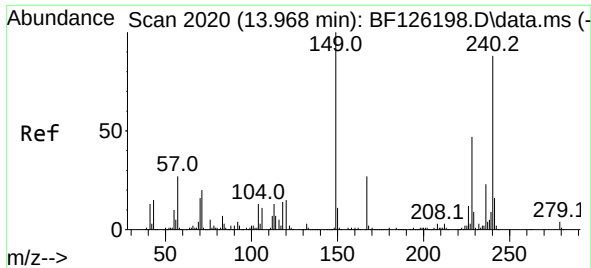
Tgt Ion:188 Resp: 341666
Ion Ratio Lower Upper
188 100
94 11.2 6.7 10.1#
80 12.0 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 4.103 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.253 min
Lab File: BF126386.D
Acq: 28 Dec 2021 17:41

Tgt Ion:248 Resp: 13156
Ion Ratio Lower Upper
248 100
250 188.2 74.2 111.4#
141 633.7 60.4 90.6#

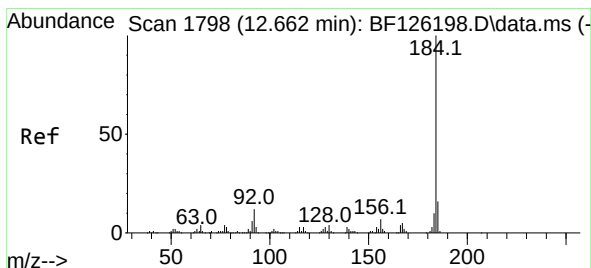
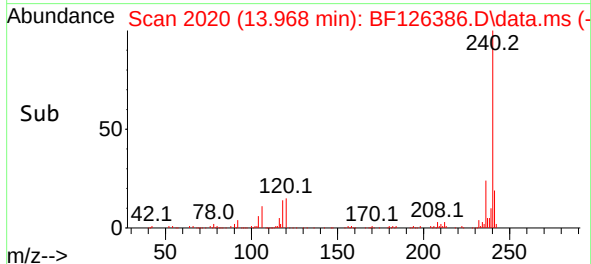
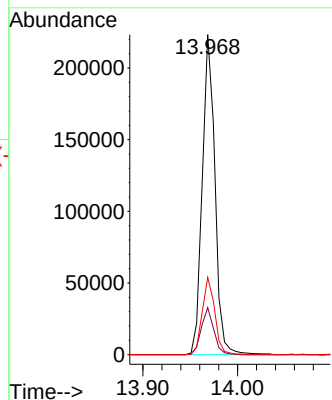
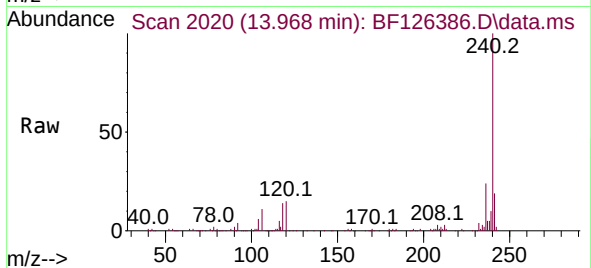




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF126386.D
Acq: 28 Dec 2021 17:41

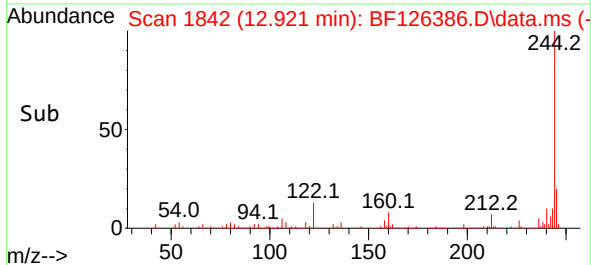
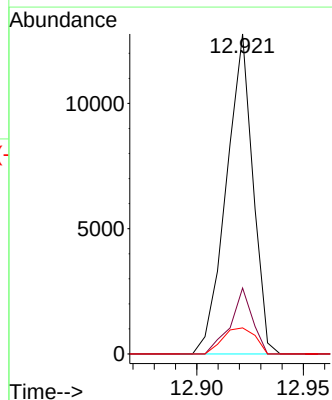
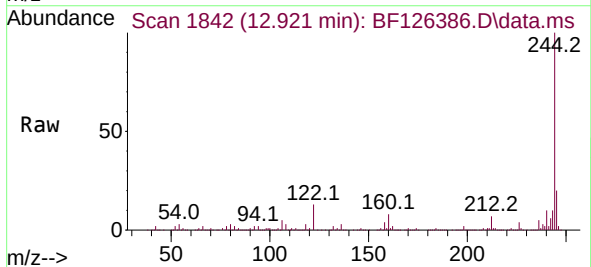
Instrument :
BNA_F
ClientSampleId :
TP-1-5

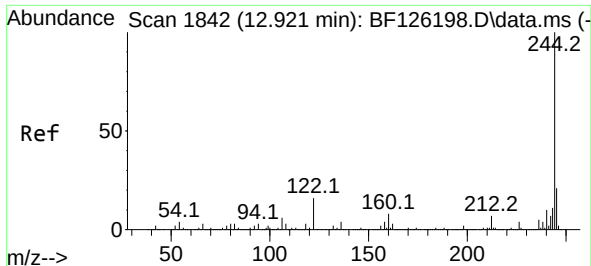
Tgt Ion:240 Resp: 208385
Ion Ratio Lower Upper
240 100
120 14.7 10.8 16.2
236 24.1 21.6 32.4



#77
Benzidine
Concen: 3.372 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.247 min
Lab File: BF126386.D
Acq: 28 Dec 2021 17:41

Tgt Ion:184 Resp: 11079
Ion Ratio Lower Upper
184 100
185 20.6 10.8 16.2#
183 8.2 8.1 12.1

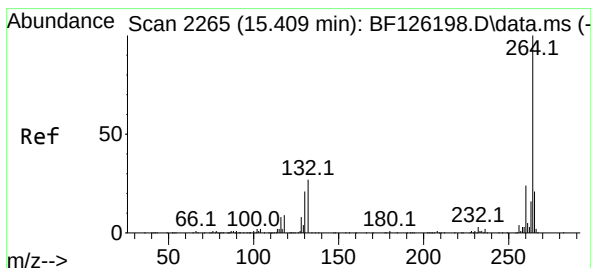
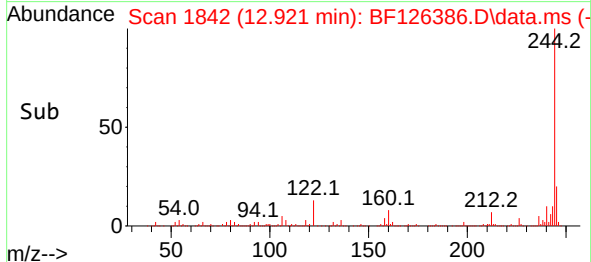
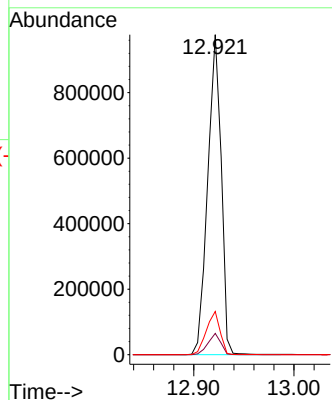
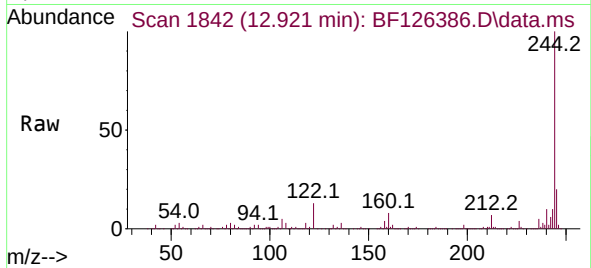




#79
 Terphenyl-d14
 Concen: 76.415 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF126386.D
 Acq: 28 Dec 2021 17:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-5

Tgt Ion:244 Resp: 916148
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 13.5 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: BF126386.D
 Acq: 28 Dec 2021 17:41

Tgt Ion:264 Resp: 175525
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.6 29.4
 265 19.7 17.2 25.8

