

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110421\
 Data File : BF126040.D
 Acq On : 4 Nov 2021 12:12
 Operator : JU/CG
 Sample : M4470-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Quant Time: Nov 04 14:33:54 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

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

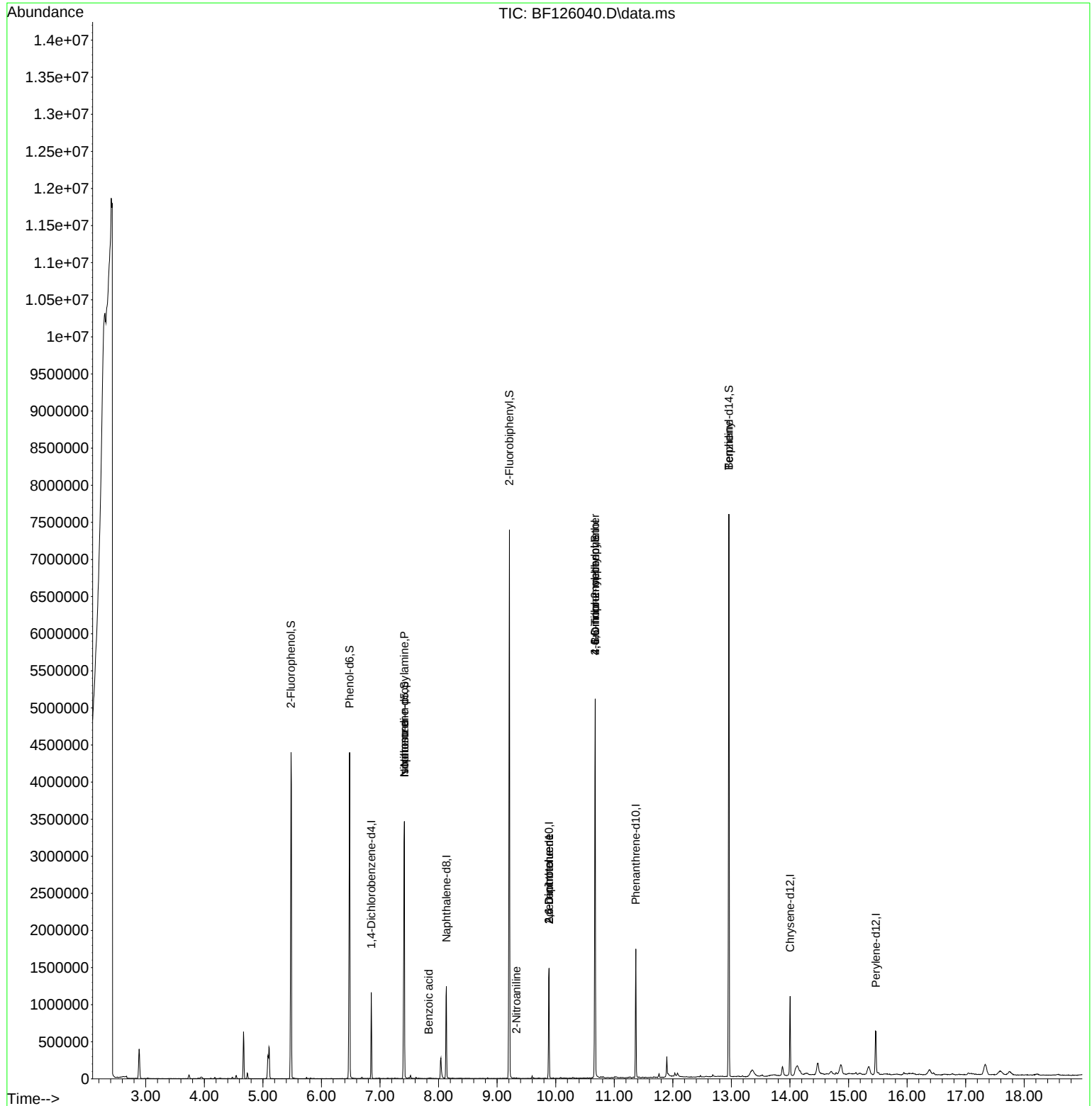
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	134097	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	502172	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	300918	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	555951	20.000	ng	0.00
76) Chrysene-d12	14.004	240	346259	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	268613	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1057318	135.403	ng	0.02
7) Phenol-d6	6.481	99	1231964	111.918	ng	0.00
23) Nitrobenzene-d5	7.416	82	1140841	107.139	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	547226	158.684	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2134017	95.834	ng	0.00
79) Terphenyl-d14	12.957	244	2430123	113.172	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.398	77	144	Below Cal	#	46
19) n-Nitroso-di-n-propyla...	7.416	70	164053	22.607	ng	# 61
25) Isophorone	7.416	82	1135400	59.224	ng	# 59
32) Benzoic acid	7.833	122	990	9.327	ng	95
48) 2-Nitroaniline	9.327	65	453	2.920	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	37617	10.017	ng	# 28
57) 2,4-Dinitrotoluene	9.886	165	37617	9.660	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.674	198	1491	8.777	ng	# 1
67) 4-Bromophenyl-phenylether	10.674	248	35722	5.305	ng	# 1
77) Benzidine	12.957	184	37234	3.217	ng	# 90

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

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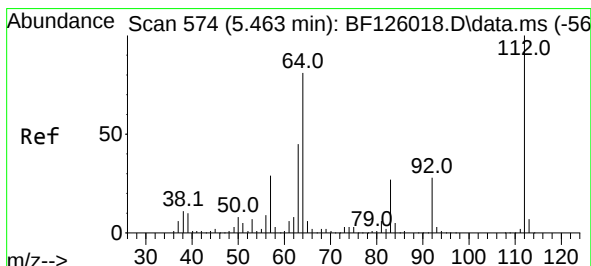
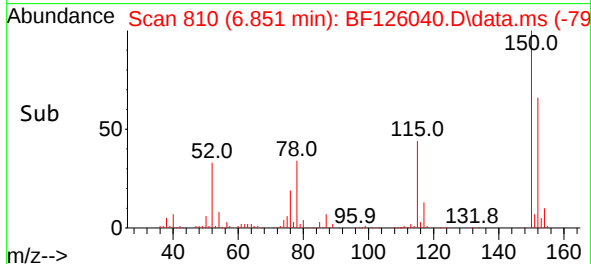
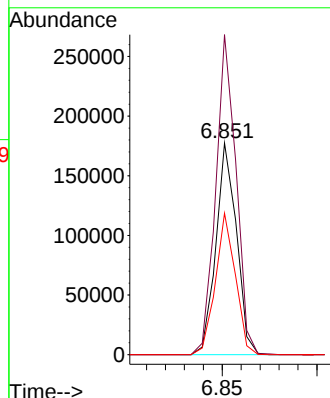
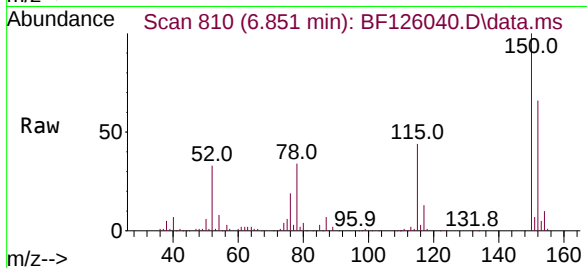




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126040.D
Acq: 4 Nov 2021 12:12

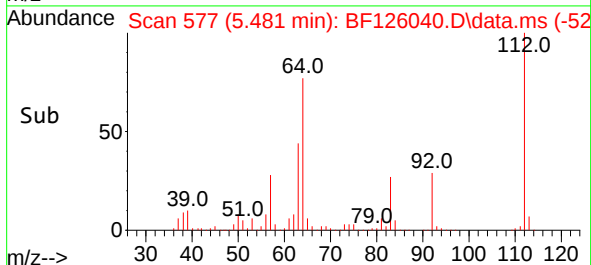
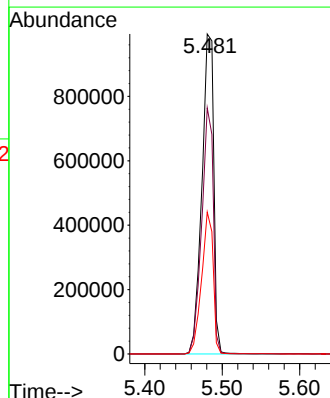
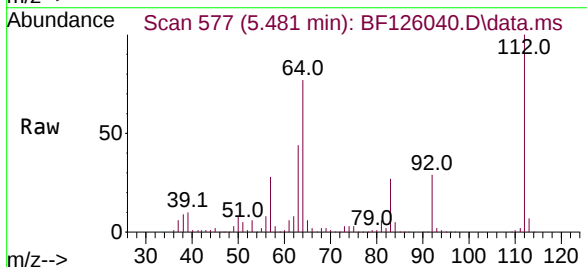
Instrument :
BNA_F
ClientSampleId :
SP-3

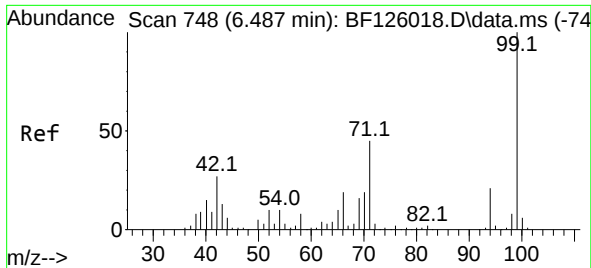
Tgt Ion:152 Resp: 134097
Ion Ratio Lower Upper
152 100
150 151.2 117.6 176.4
115 66.8 47.1 70.7



#5
2-Fluorophenol
Concen: 135.403 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF126040.D
Acq: 4 Nov 2021 12:12

Tgt Ion:112 Resp: 1057318
Ion Ratio Lower Upper
112 100
64 76.9 44.2 66.2#
63 44.3 26.2 39.2#

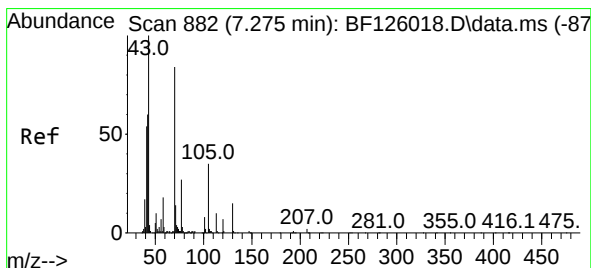
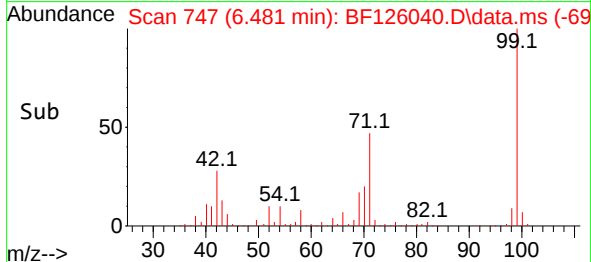
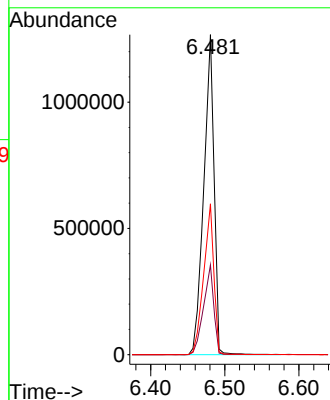
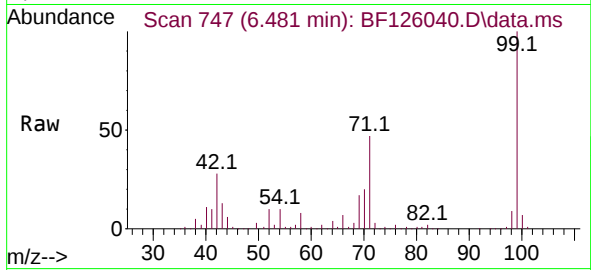




#7
Phenol-d6
Concen: 111.918 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF126040.D
Acq: 4 Nov 2021 12:12

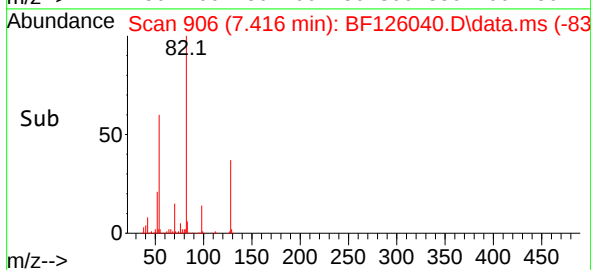
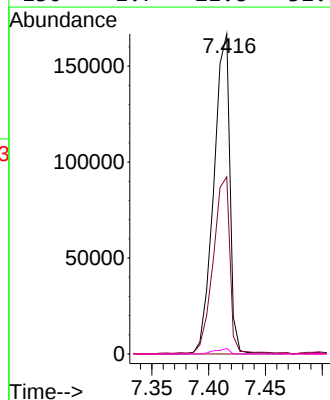
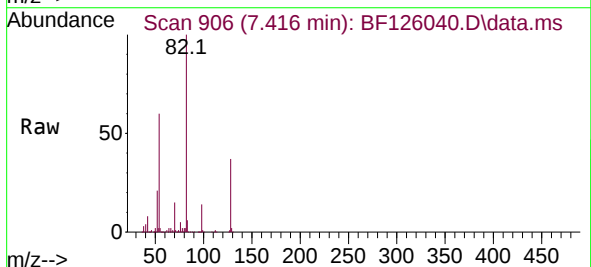
Instrument :
BNA_F
ClientSampleId :
SP-3

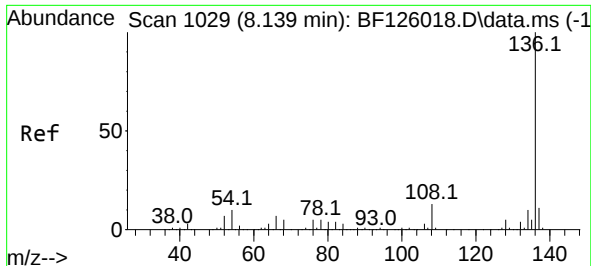
Tgt Ion: 99 Resp: 1231964
Ion Ratio Lower Upper
99 100
42 28.0 23.5 35.3
71 47.2 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 22.607 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF126040.D
Acq: 4 Nov 2021 12:12

Tgt Ion: 70 Resp: 164053
Ion Ratio Lower Upper
70 100
42 55.3 72.2 108.2#
101 0.0 7.8 11.8#
130 1.7 21.8 32.6#

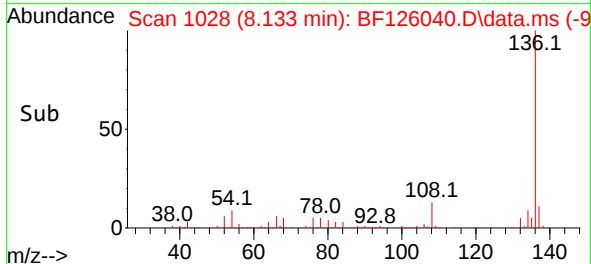
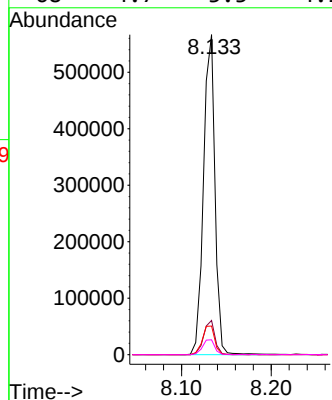
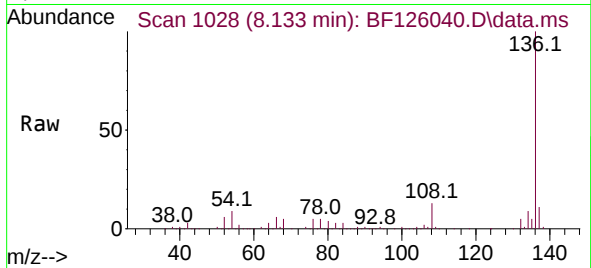




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126040.D
Acq: 4 Nov 2021 12:12

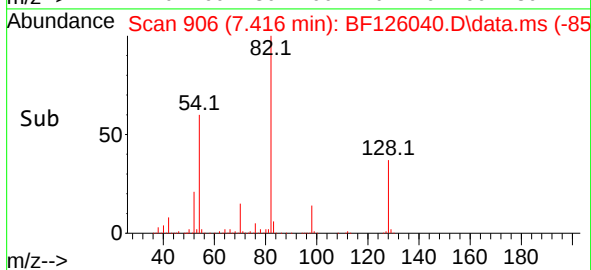
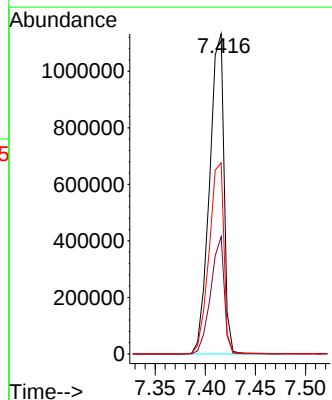
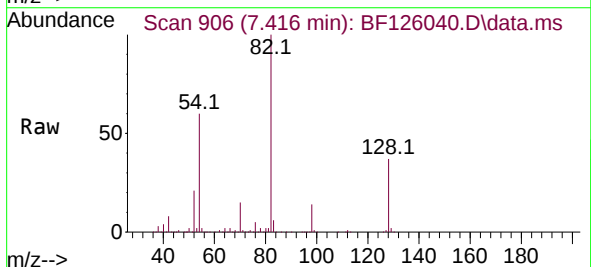
Instrument :
BNA_F
ClientSampleId :
SP-3

Tgt Ion:136 Resp: 502172
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 9.0 6.4 9.6
68 4.7 3.3 4.9



#23
Nitrobenzene-d5
Concen: 107.139 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF126040.D
Acq: 4 Nov 2021 12:12

Tgt Ion: 82 Resp: 1140841
Ion Ratio Lower Upper
82 100
128 36.7 40.6 60.8#
54 59.7 49.6 74.4

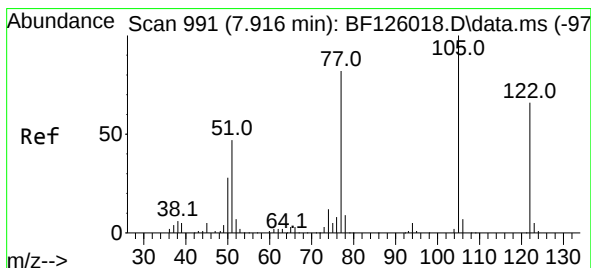
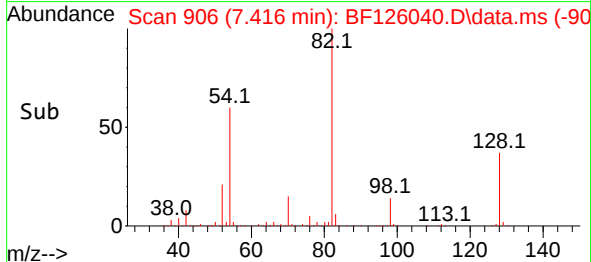
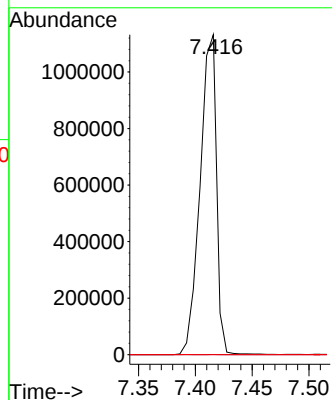
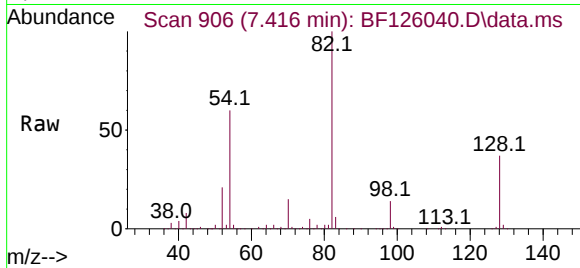




#25
Isophorone
Concen: 59.224 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF126040.D
Acq: 4 Nov 2021 12:12

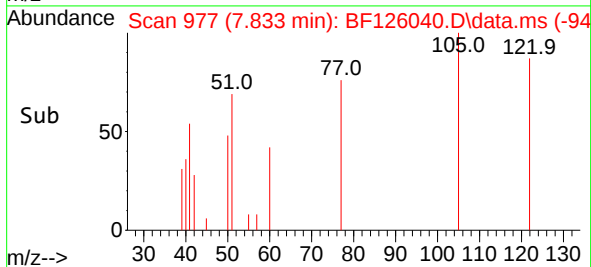
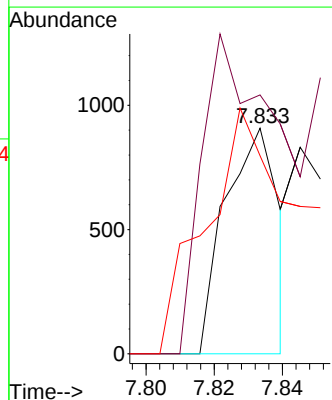
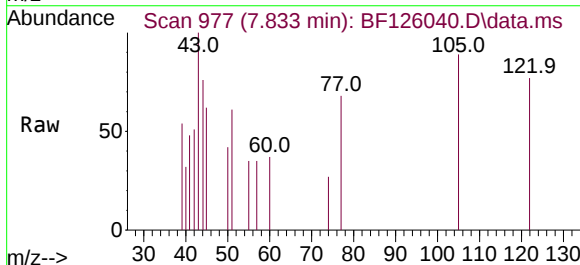
Instrument :
BNA_F
ClientSampleId :
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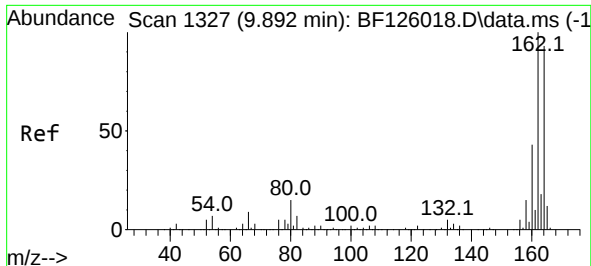
Tgt Ion: 82 Resp: 1135400
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 9.327 ng
RT: 7.833 min Scan# 977
Delta R.T. -0.083 min
Lab File: BF126040.D
Acq: 4 Nov 2021 12:12

Tgt Ion:122 Resp: 990
Ion Ratio Lower Upper
122 100
105 114.8 97.6 137.6
77 87.8 59.6 99.6

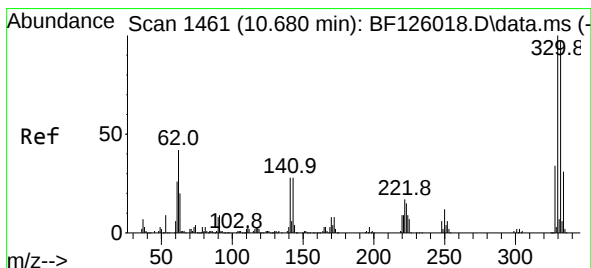
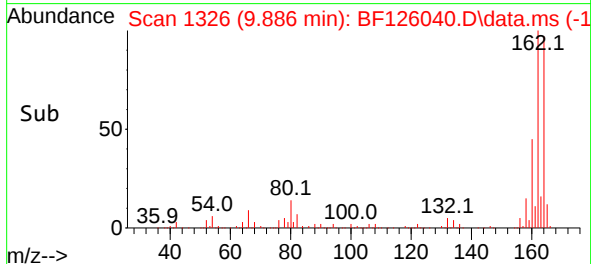
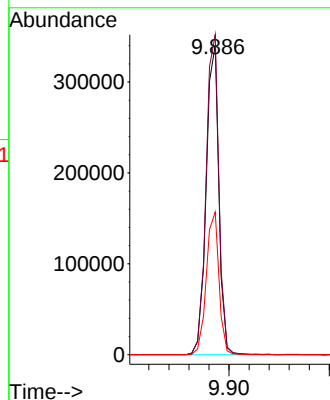
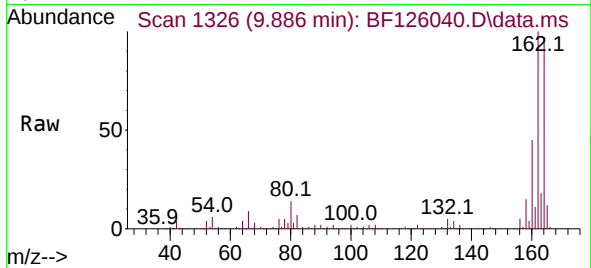




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126040.D
Acq: 4 Nov 2021 12:12

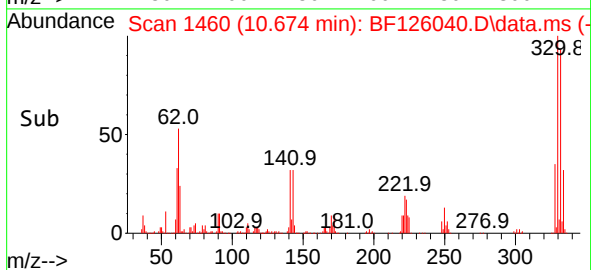
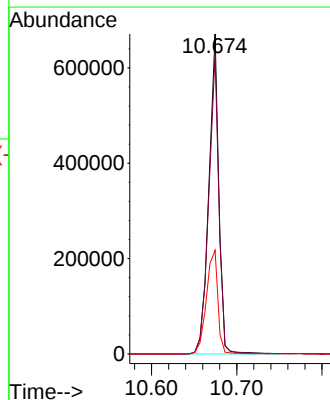
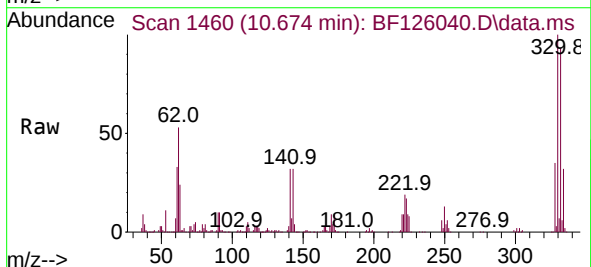
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ClientSampleId :
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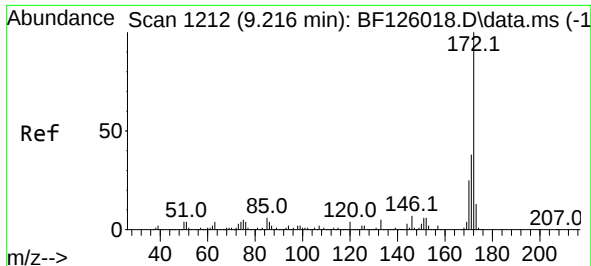
Tgt Ion:164 Resp: 300918
Ion Ratio Lower Upper
164 100
162 103.3 81.3 121.9
160 46.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 158.684 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF126040.D
Acq: 4 Nov 2021 12:12

Tgt Ion:330 Resp: 547226
Ion Ratio Lower Upper
330 100
332 95.1 76.2 114.4
141 37.3 44.6 66.8#

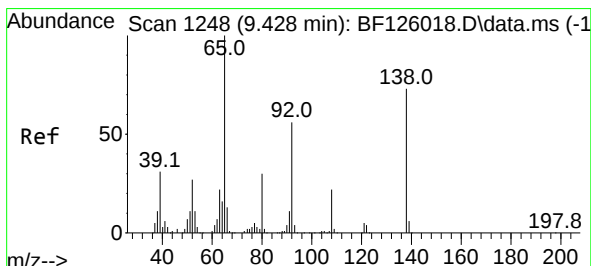
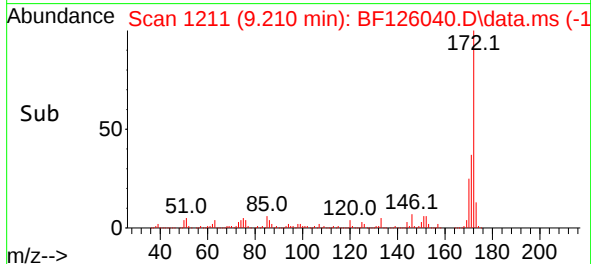
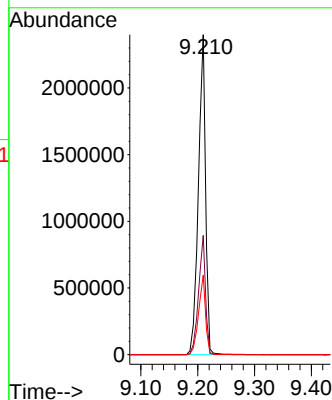
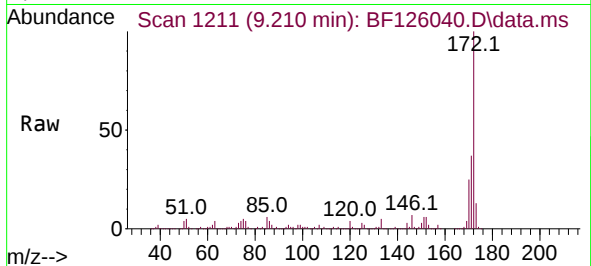




#45
2-Fluorobiphenyl
Concen: 95.834 ng
RT: 9.210 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126040.D
Acq: 4 Nov 2021 12:12

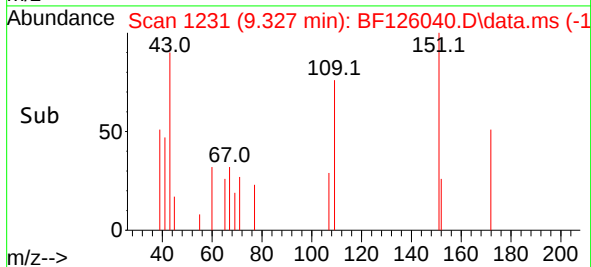
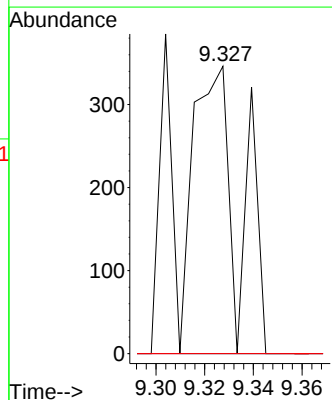
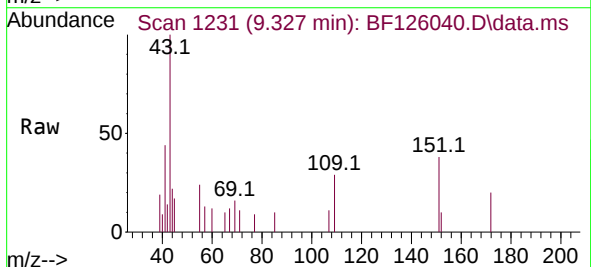
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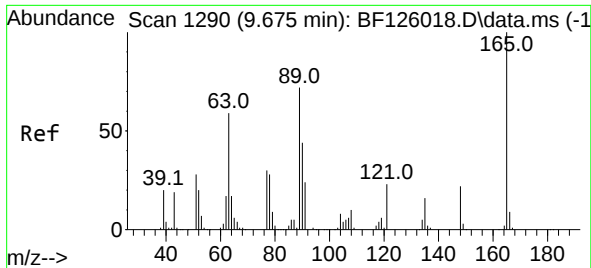
Tgt Ion:172 Resp: 2134017
Ion Ratio Lower Upper
172 100
171 37.2 26.5 39.7
170 24.8 18.8 28.2



#48
2-Nitroaniline
Concen: 2.920 ng
RT: 9.327 min Scan# 1231
Delta R.T. -0.101 min
Lab File: BF126040.D
Acq: 4 Nov 2021 12:12

Tgt Ion: 65 Resp: 453
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#

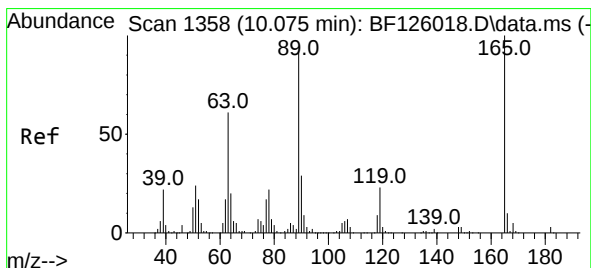
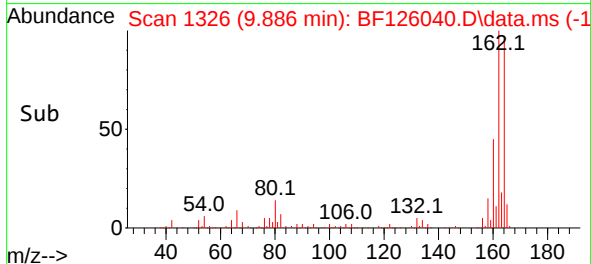
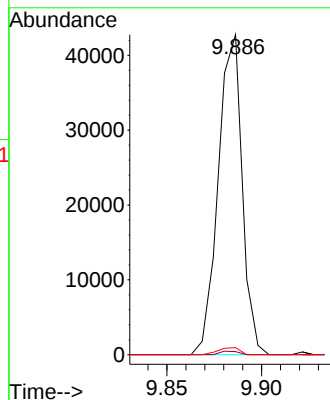
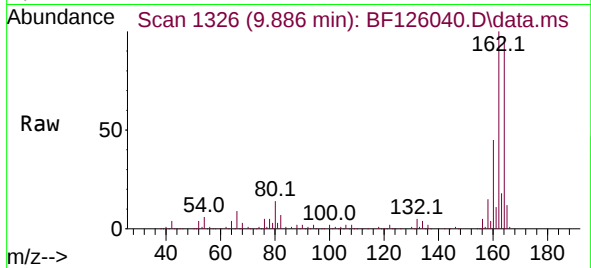




#51
2,6-Dinitrotoluene
Concen: 10.017 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.211 min
Lab File: BF126040.D
Acq: 4 Nov 2021 12:12

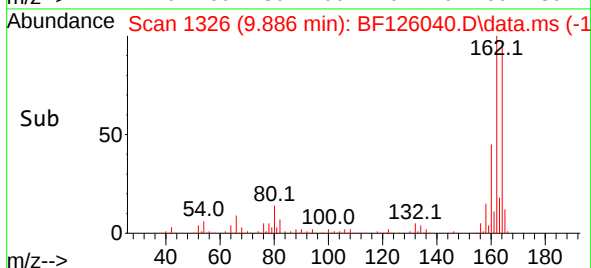
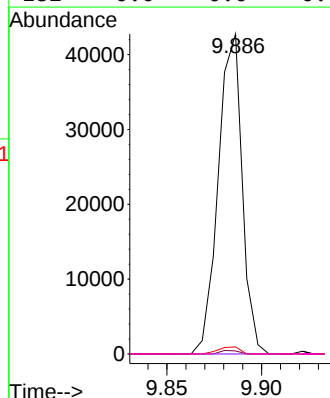
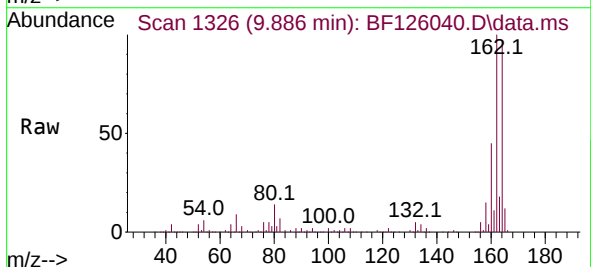
Instrument :
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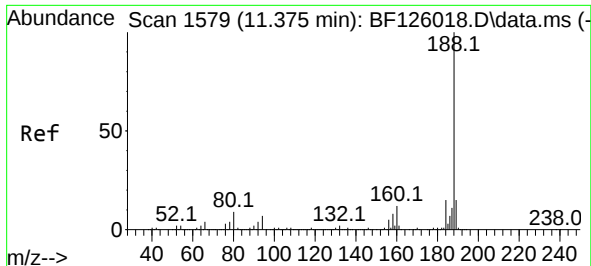
Tgt Ion:165 Resp: 37617
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 2.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 9.660 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.189 min
Lab File: BF126040.D
Acq: 4 Nov 2021 12:12

Tgt Ion:165 Resp: 37617
Ion Ratio Lower Upper
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89 2.2 59.7 89.5#
182 0.0 0.0 0.0

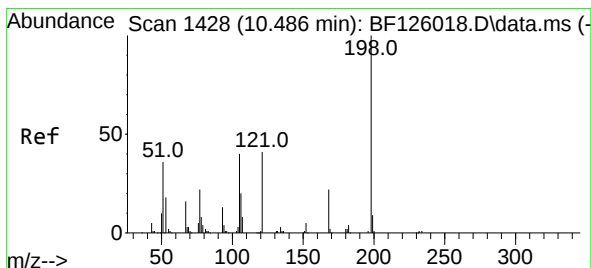
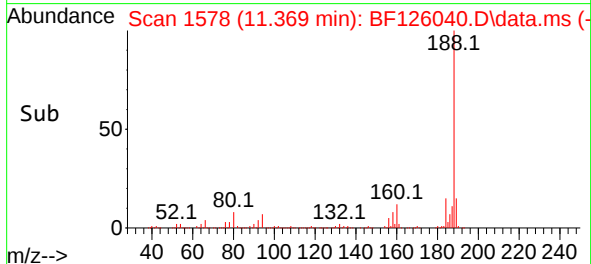
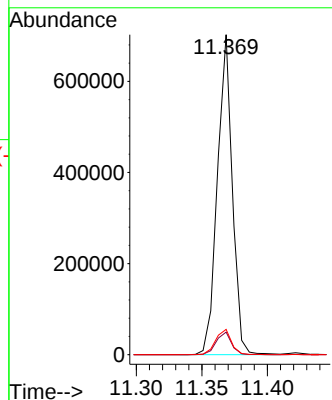
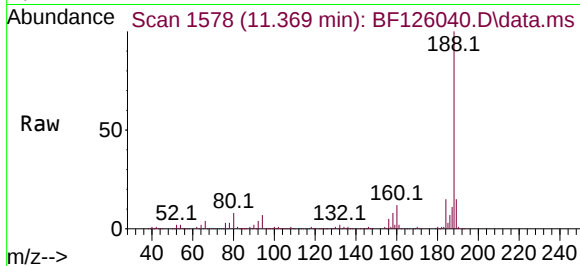




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126040.D
Acq: 4 Nov 2021 12:12

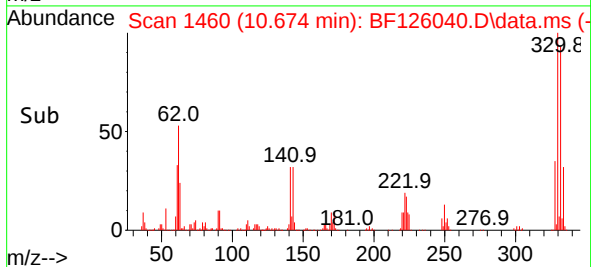
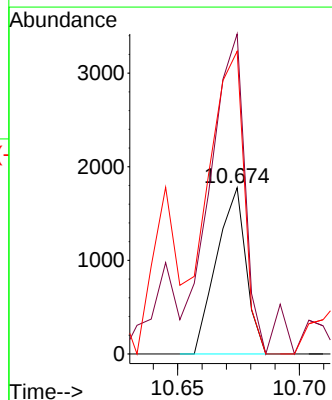
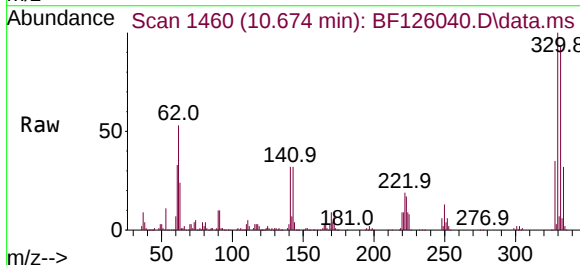
Instrument :
BNA_F
ClientSampleId :
SP-3

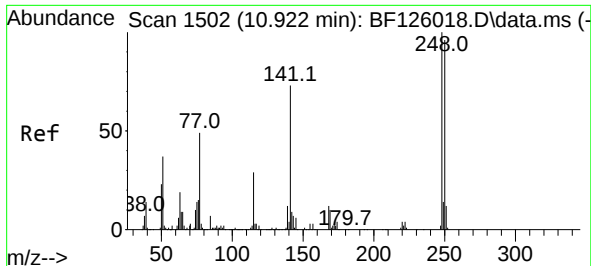
Tgt Ion:188 Resp: 555951
Ion Ratio Lower Upper
188 100
94 7.1 6.7 10.1
80 7.9 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 8.777 ng
RT: 10.674 min Scan# 1460
Delta R.T. 0.188 min
Lab File: BF126040.D
Acq: 4 Nov 2021 12:12

Tgt Ion:198 Resp: 1491
Ion Ratio Lower Upper
198 100
51 192.5 45.3 85.3#
105 182.1 30.6 70.6#

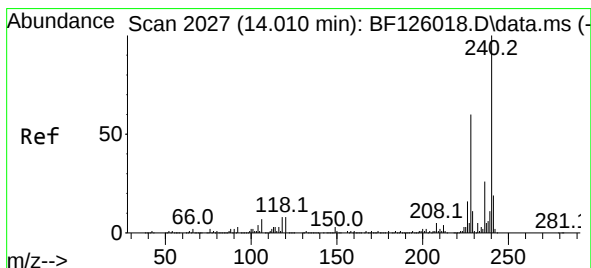
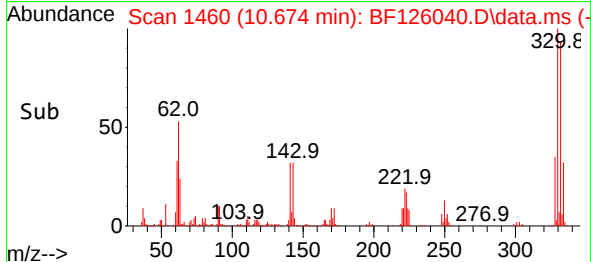
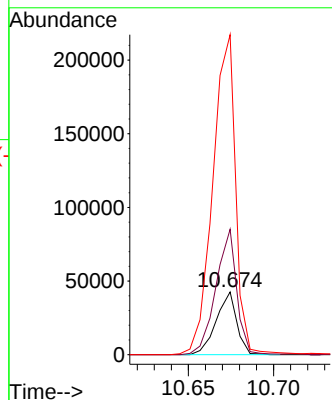
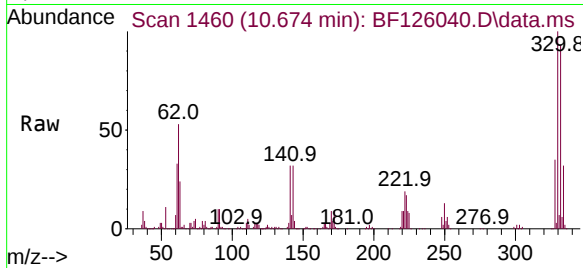




#67
4-Bromophenyl-phenylether
Concen: 5.305 ng
RT: 10.674 min Scan# 14
Delta R.T. -0.248 min
Lab File: BF126040.D
Acq: 4 Nov 2021 12:12

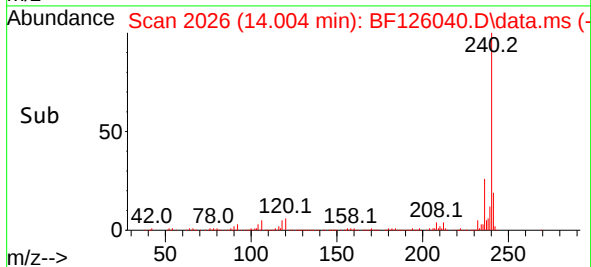
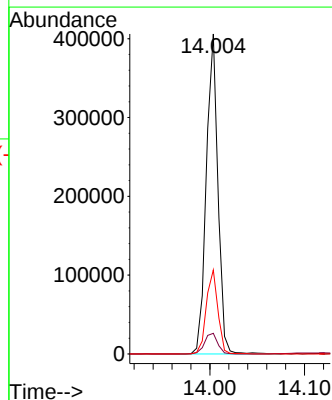
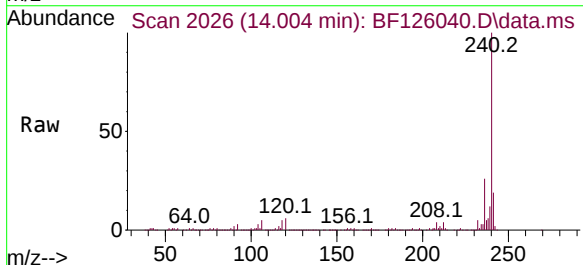
Instrument :
BNA_F
ClientSampleId :
SP-3

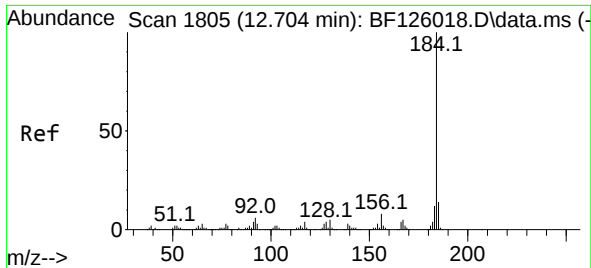
Tgt Ion:248 Resp: 35722
Ion Ratio Lower Upper
248 100
250 200.0 74.2 111.4#
141 510.4 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF126040.D
Acq: 4 Nov 2021 12:12

Tgt Ion:240 Resp: 346259
Ion Ratio Lower Upper
240 100
120 6.4 10.8 16.2#
236 26.3 21.6 32.4

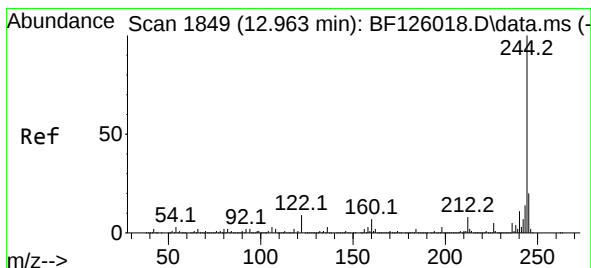
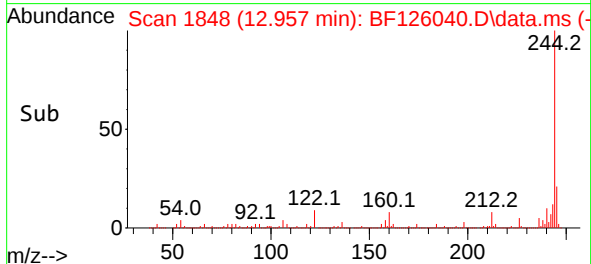
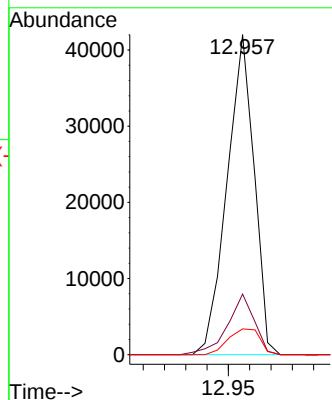
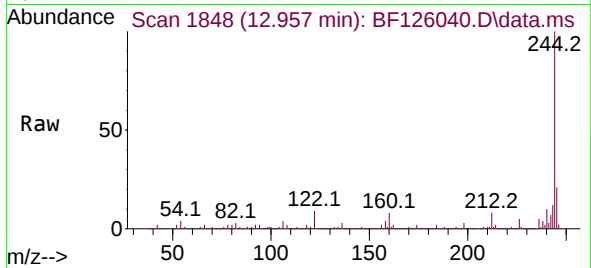




#77
Benzidine
Concen: 3.217 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.253 min
Lab File: BF126040.D
Acq: 4 Nov 2021 12:12

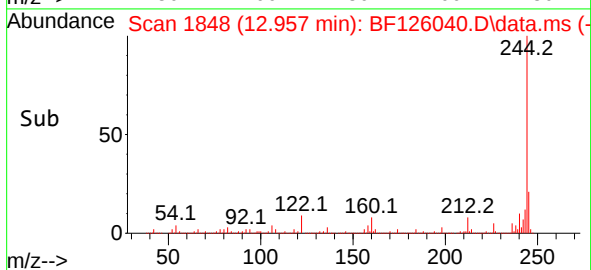
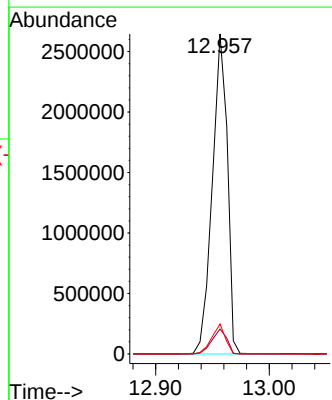
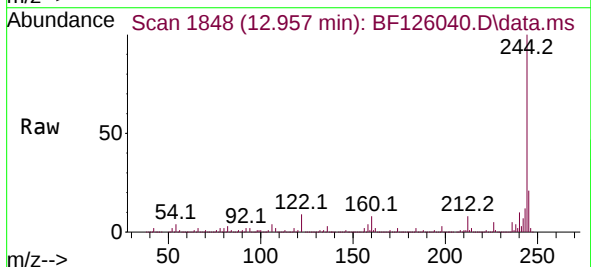
Instrument :
BNA_F
ClientSampleId :
SP-3

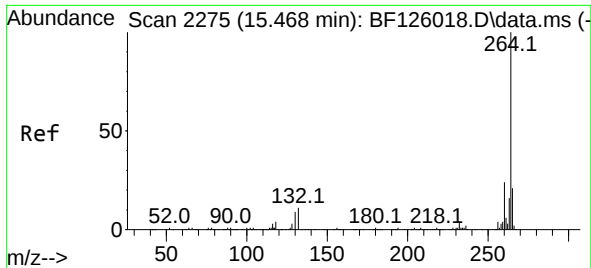
Tgt Ion:184 Resp: 37234
Ion Ratio Lower Upper
184 100
185 18.9 10.8 16.2#
183 8.0 8.1 12.1#



#79
Terphenyl-d14
Concen: 113.172 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF126040.D
Acq: 4 Nov 2021 12:12

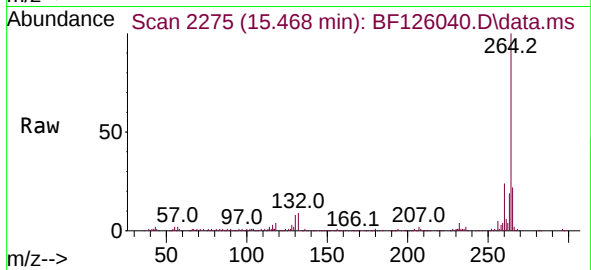
Tgt Ion:244 Resp: 2430123
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 9.4 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF126040.D
 Acq: 4 Nov 2021 12:12

Instrument :
 BNA_F
 ClientSampleId :
 SP-3



Tgt Ion:264 Resp: 268613
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.6 29.4
 265 21.6 17.2 25.8

