

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
 Data File : BF126121.D
 Acq On : 11 Nov 2021 11:39
 Operator : JU/CG
 Sample : PB140585BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB140585BL

Quant Time: Nov 11 13:01:25 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)

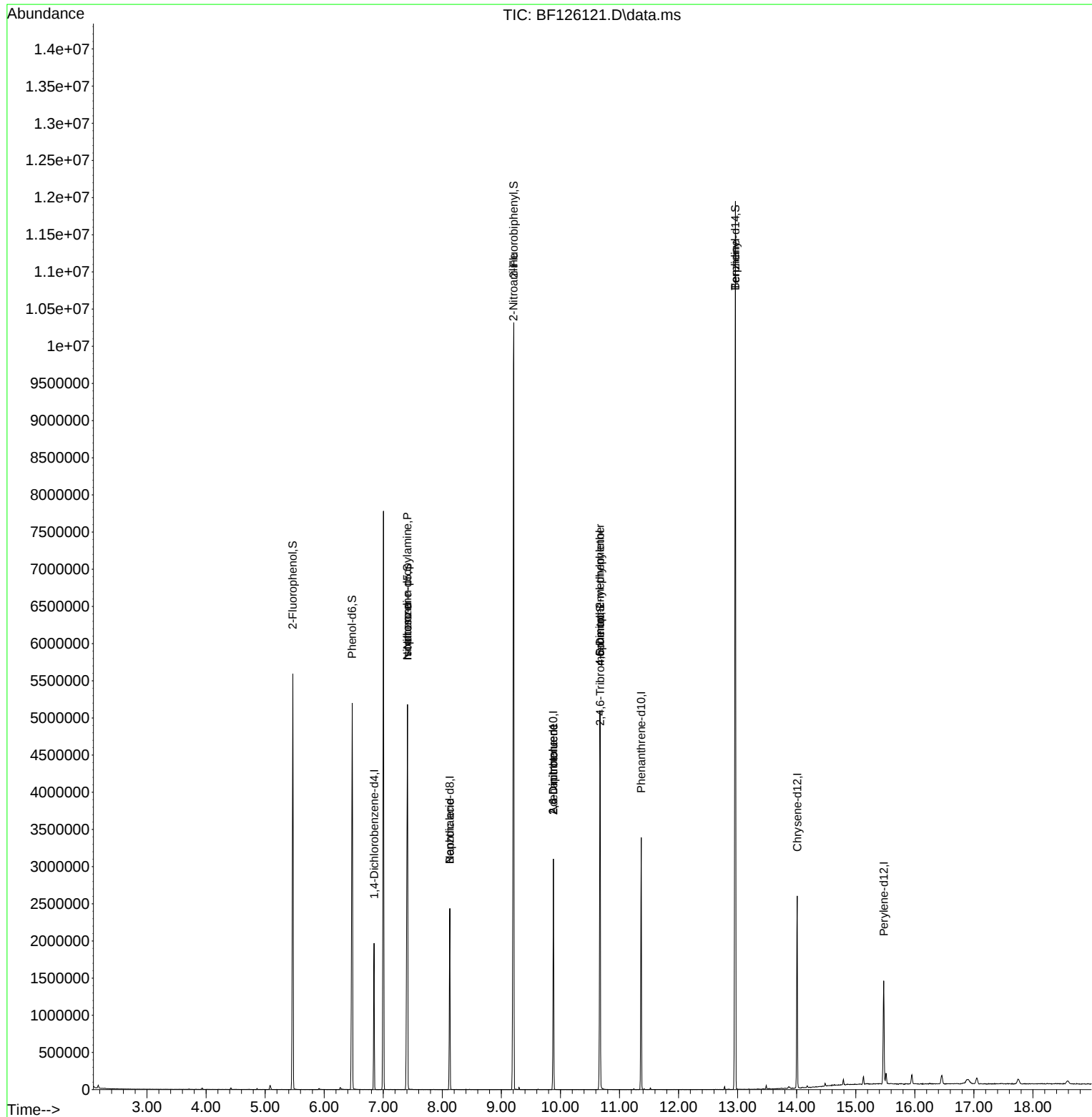
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	258420	20.000	ng	-0.01
21) Naphthalene-d8	8.128	136	966067	20.000	ng	#-0.01
39) Acenaphthene-d10	9.880	164	595229	20.000	ng	-0.01
64) Phenanthrene-d10	11.368	188	1123181	20.000	ng	0.00
76) Chrysene-d12	14.009	240	863993	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	625244	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1354743	90.027	ng	0.00
7) Phenol-d6	6.475	99	1739110	81.983	ng	-0.01
23) Nitrobenzene-d5	7.410	82	1923953	93.921	ng	-0.01
42) 2,4,6-Tribromophenol	10.674	330	605331	88.741	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	3505740	79.592	ng	0.00
79) Terphenyl-d14	12.963	244	4432242	82.723	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.386	77	169	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.410	70	274716	19.644	ng	# 60
25) Isophorone	7.410	82	1913699	51.888	ng	# 59
32) Benzoic acid	8.128	122	309	9.172	ng	# 1
48) 2-Nitroaniline	9.204	65	6784	3.388	ng	# 1
51) 2,6-Dinitrotoluene	9.880	165	76111	10.247	ng	# 28
57) 2,4-Dinitrotoluene	9.880	165	76111	9.809	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.669	198	1671	8.572	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	41242	3.032	ng	# 1
77) Benzidine	12.963	184	69167	2.395	ng	# 93

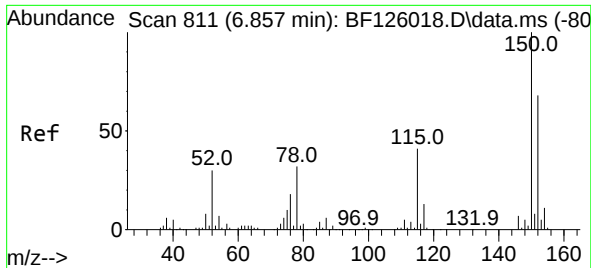
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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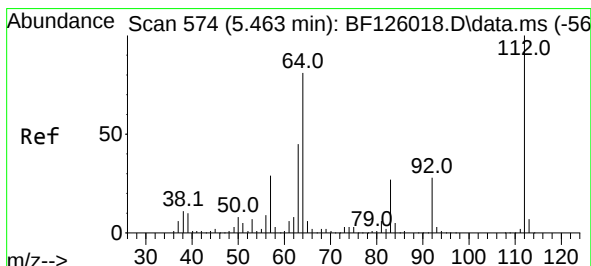
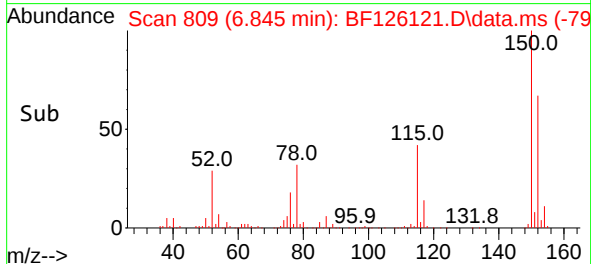
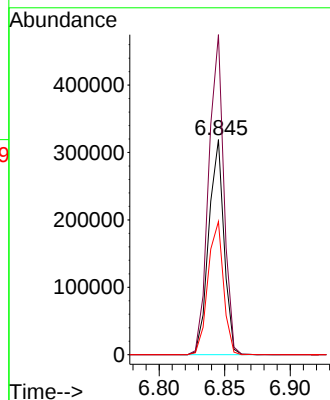
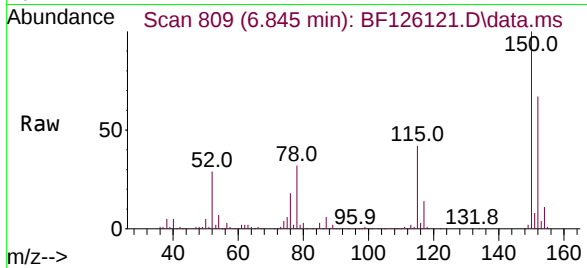




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF126121.D
Acq: 11 Nov 2021 11:39

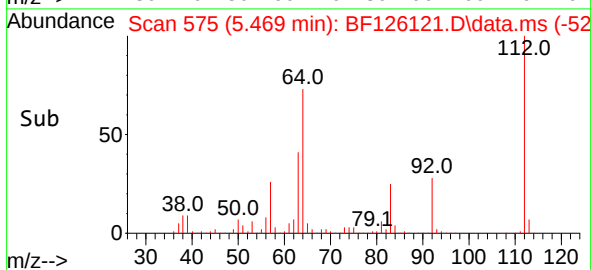
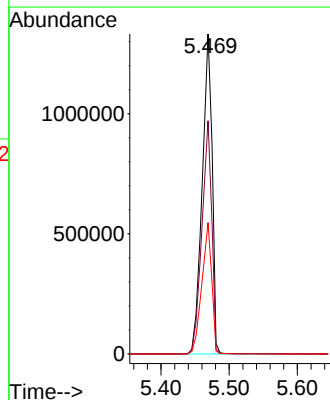
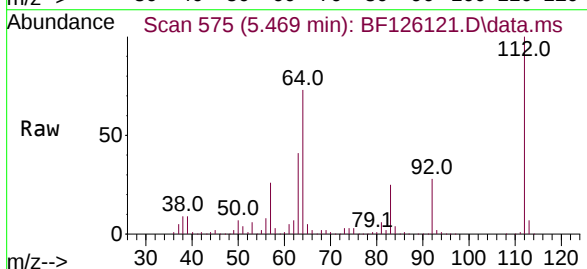
Instrument :
BNA_F
ClientSampleId :
PB140585BL

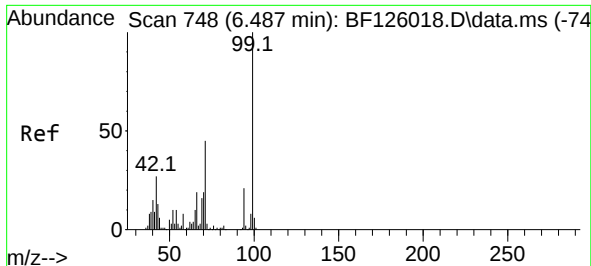
Tgt Ion:152 Resp: 258420
Ion Ratio Lower Upper
152 100
150 148.8 117.6 176.4
115 61.9 47.1 70.7



#5
2-Fluorophenol
Concen: 90.027 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF126121.D
Acq: 11 Nov 2021 11:39

Tgt Ion:112 Resp: 1354743
Ion Ratio Lower Upper
112 100
64 72.9 44.2 66.2#
63 41.0 26.2 39.2#

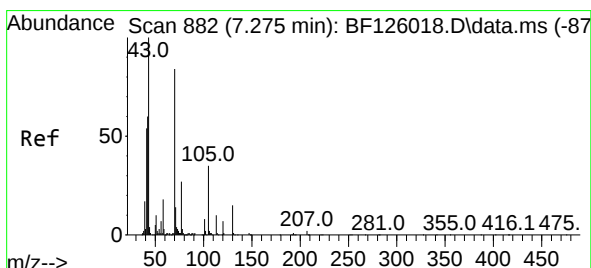
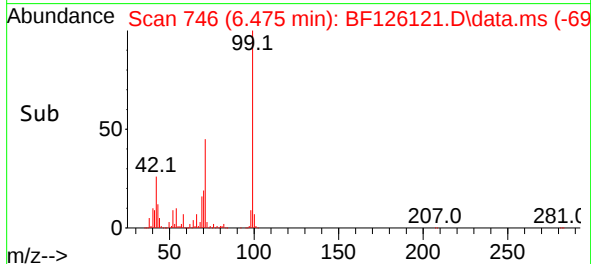
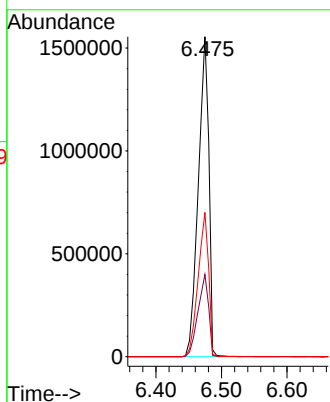
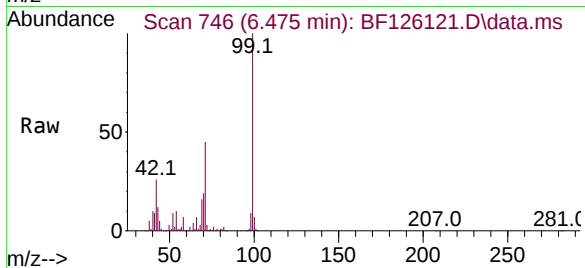




#7
Phenol-d6
Concen: 81.983 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF126121.D
Acq: 11 Nov 2021 11:39

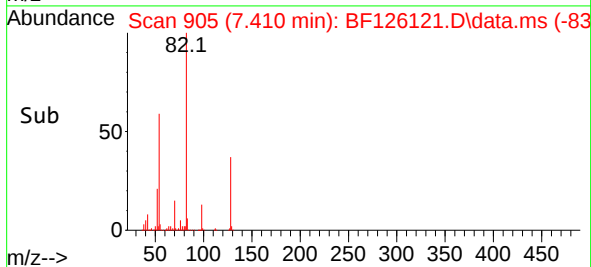
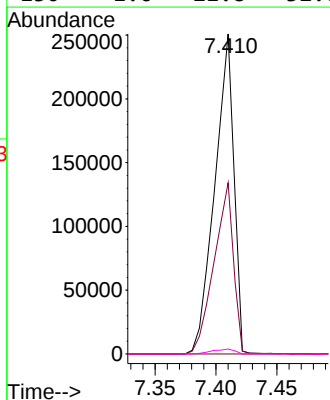
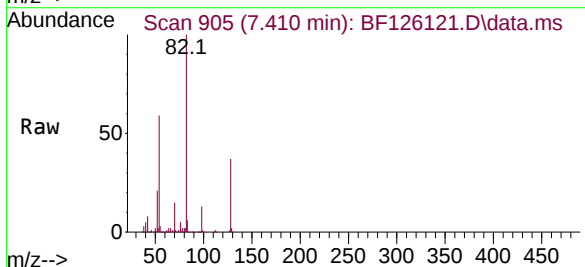
Instrument :
BNA_F
ClientSampleId :
PB140585BL

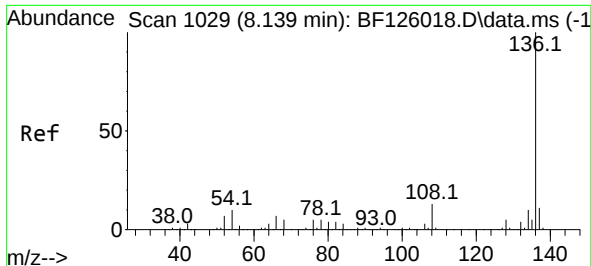
Tgt Ion: 99 Resp: 1739110
Ion Ratio Lower Upper
99 100
42 25.7 23.5 35.3
71 45.1 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 19.644 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF126121.D
Acq: 11 Nov 2021 11:39

Tgt Ion: 70 Resp: 274716
Ion Ratio Lower Upper
70 100
42 53.5 72.2 108.2#
101 0.0 7.8 11.8#
130 1.6 21.8 32.6#

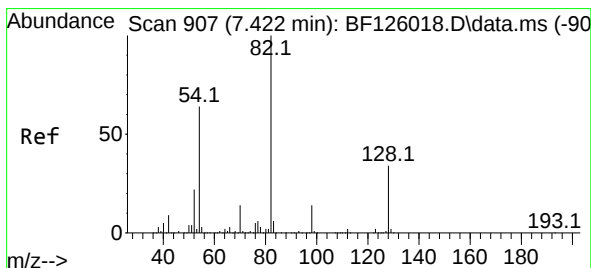
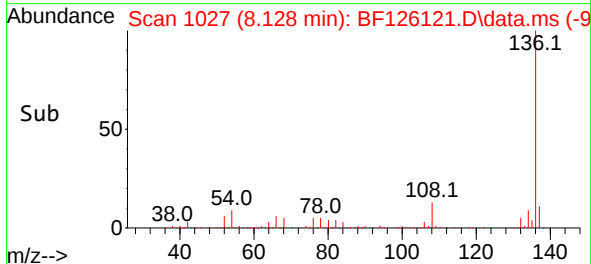
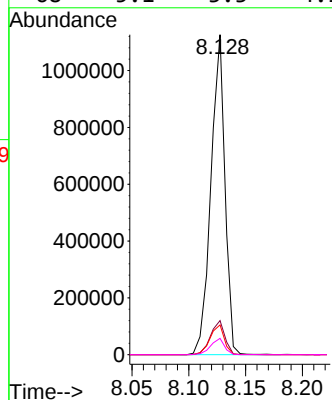
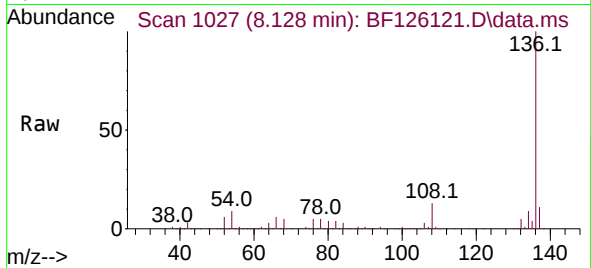




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.011 min
Lab File: BF126121.D
Acq: 11 Nov 2021 11:39

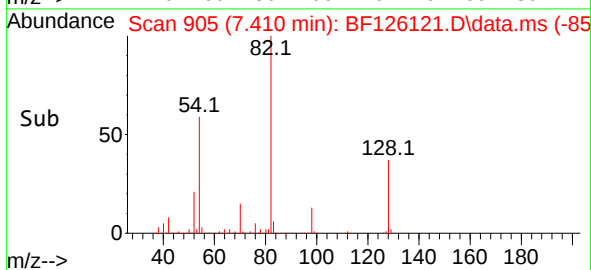
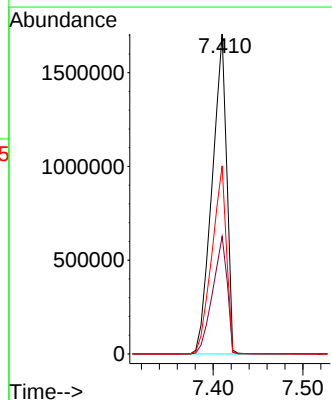
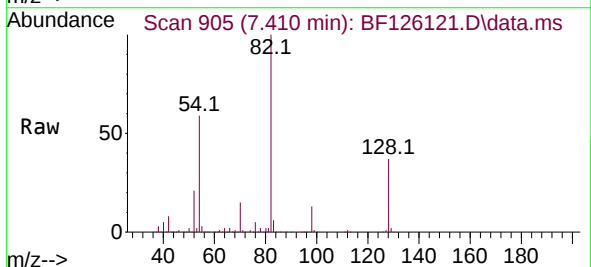
Instrument :
BNA_F
ClientSampleId :
PB140585BL

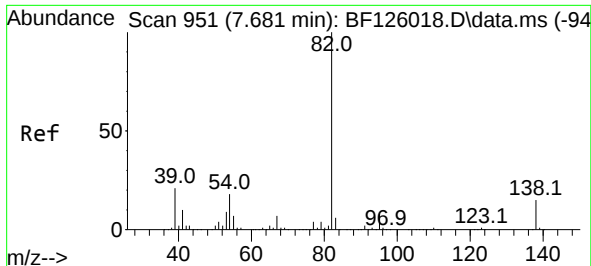
Tgt Ion:136 Resp: 966067
Ion Ratio Lower Upper
136 100
137 10.6 9.8 14.6
54 9.3 6.4 9.6
68 5.1 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 93.921 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.012 min
Lab File: BF126121.D
Acq: 11 Nov 2021 11:39

Tgt Ion: 82 Resp: 1923953
Ion Ratio Lower Upper
82 100
128 36.8 40.6 60.8#
54 58.8 49.6 74.4

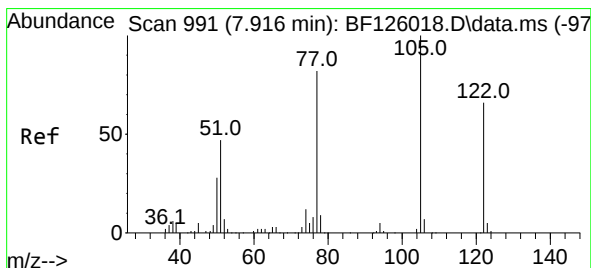
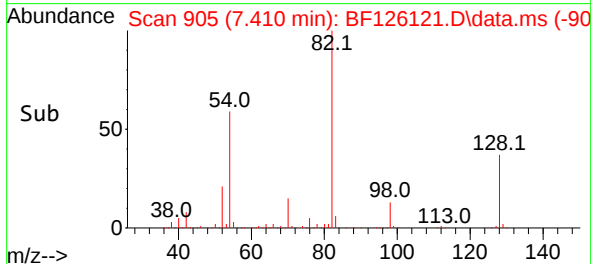
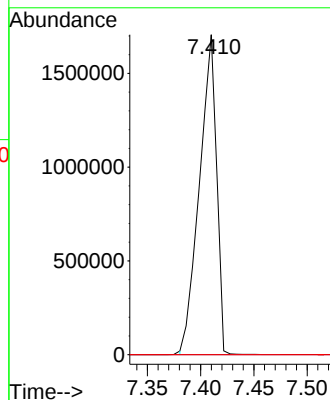
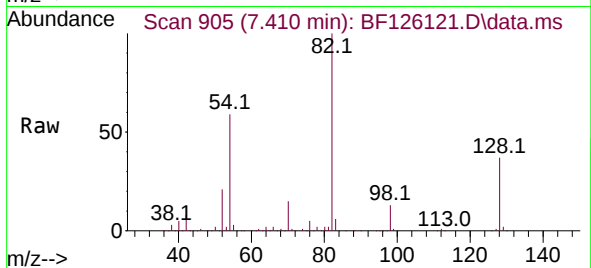




#25
Isophorone
Concen: 51.888 ng
RT: 7.410 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF126121.D
Acq: 11 Nov 2021 11:39

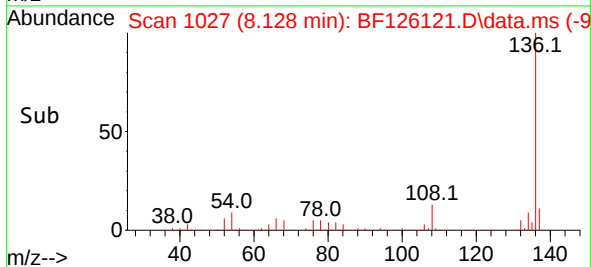
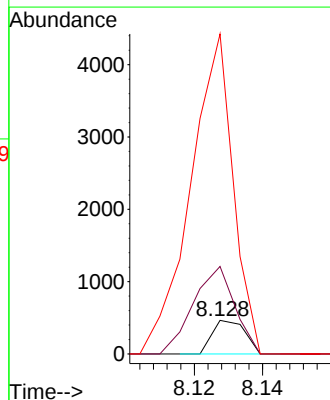
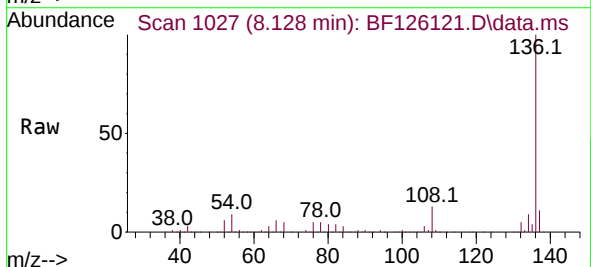
Instrument :
BNA_F
ClientSampleId :
PB140585BL

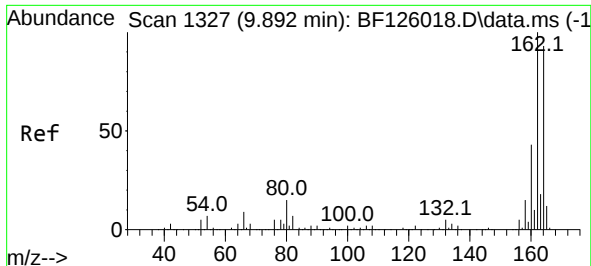
Tgt Ion: 82 Resp: 1913699
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 9.172 ng
RT: 8.128 min Scan# 1027
Delta R.T. 0.212 min
Lab File: BF126121.D
Acq: 11 Nov 2021 11:39

Tgt Ion: 122 Resp: 309
Ion Ratio Lower Upper
122 100
105 261.0 97.6 137.6#
77 953.7 59.6 99.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF126121.D

Acq: 11 Nov 2021 11:39

Instrument :

BNA_F

ClientSampleId :

PB140585BL

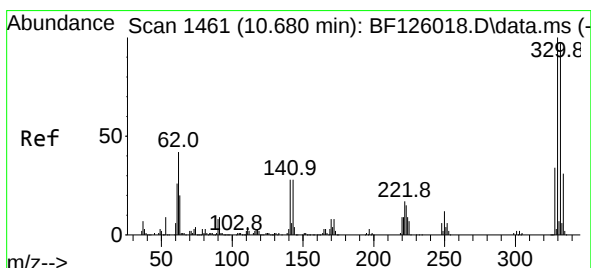
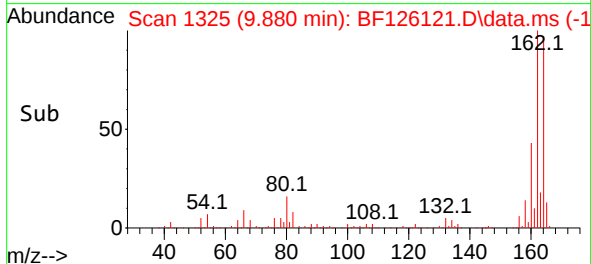
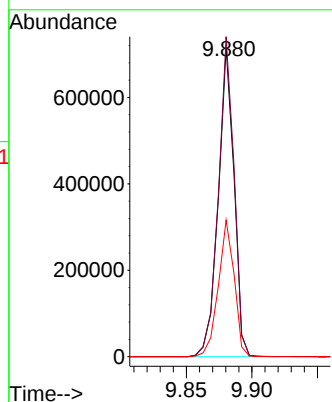
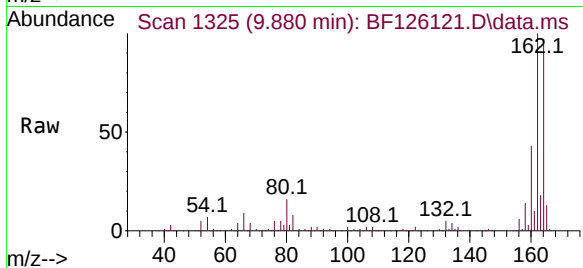
Tgt Ion:164 Resp: 595229

Ion Ratio Lower Upper

164 100

162 103.5 81.3 121.9

160 44.2 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 88.741 ng

RT: 10.674 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF126121.D

Acq: 11 Nov 2021 11:39

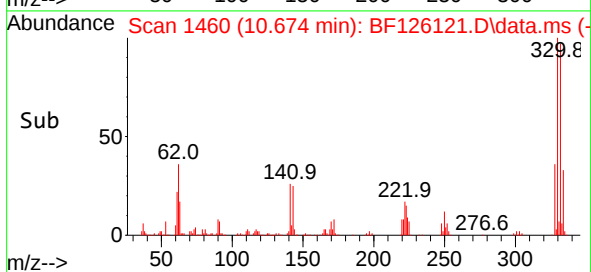
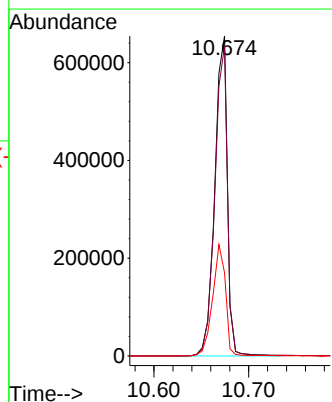
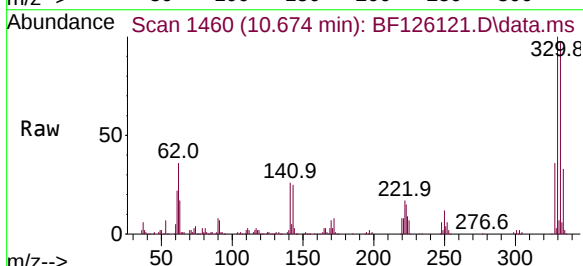
Tgt Ion:330 Resp: 605331

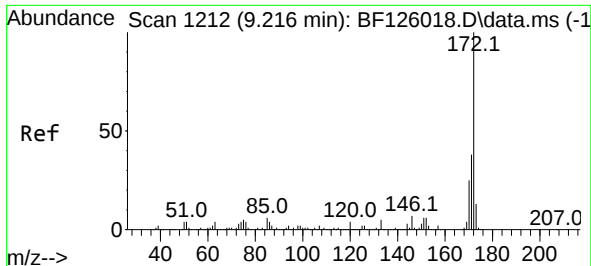
Ion Ratio Lower Upper

330 100

332 97.2 76.2 114.4

141 35.7 44.6 66.8#

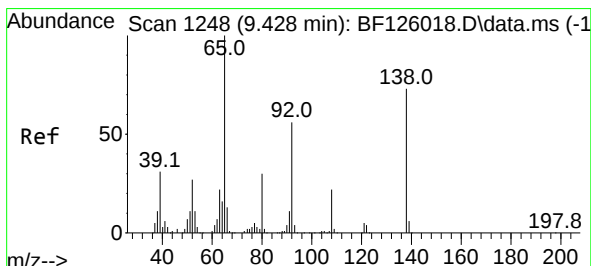
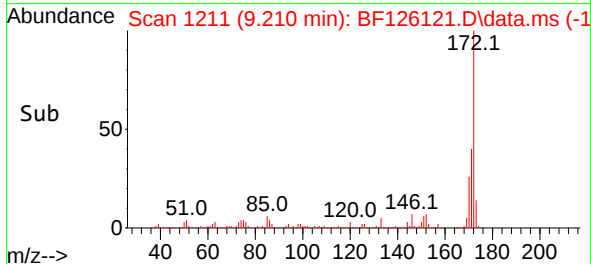
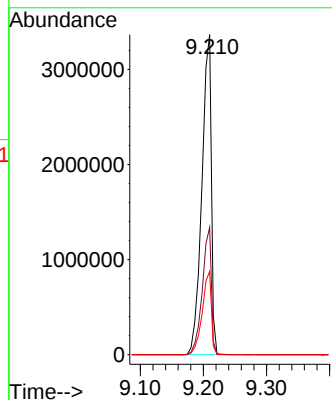
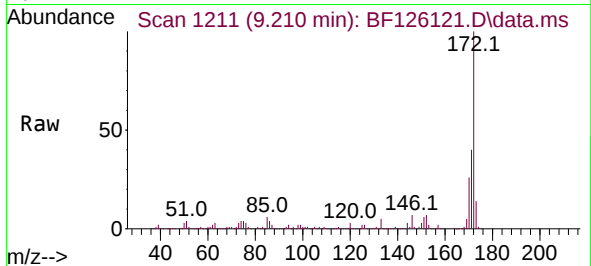




#45
2-Fluorobiphenyl
Concen: 79.592 ng
RT: 9.210 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126121.D
Acq: 11 Nov 2021 11:39

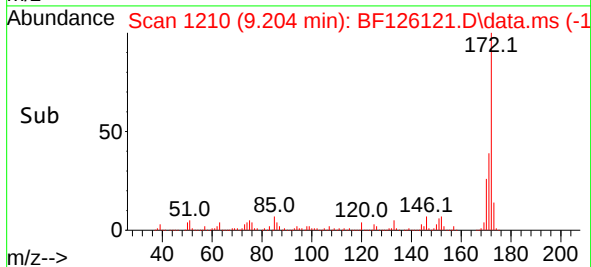
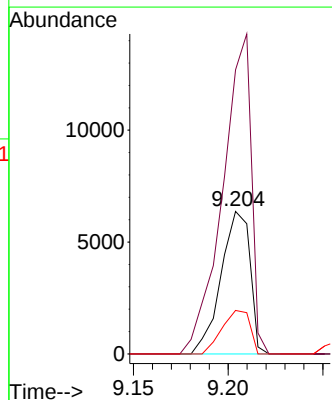
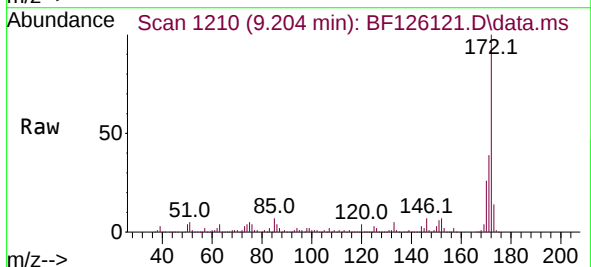
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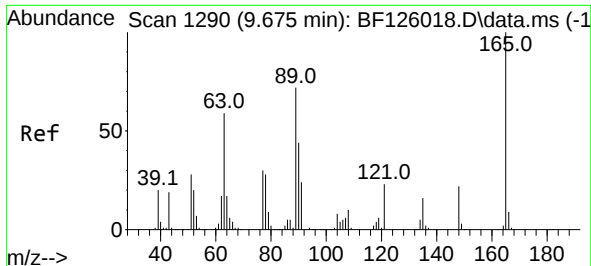
Tgt Ion:172 Resp: 3505740
Ion Ratio Lower Upper
172 100
171 39.7 26.5 39.7#
170 26.0 18.8 28.2



#48
2-Nitroaniline
Concen: 3.388 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.224 min
Lab File: BF126121.D
Acq: 11 Nov 2021 11:39

Tgt Ion: 65 Resp: 6784
Ion Ratio Lower Upper
65 100
92 199.4 55.5 83.3#
138 30.5 93.5 140.3#

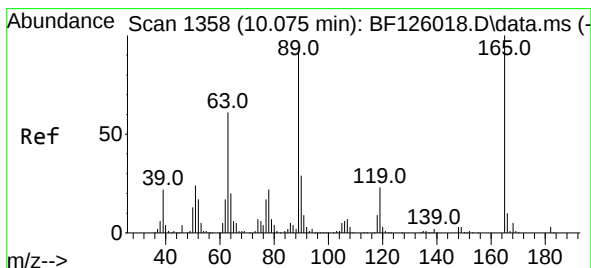
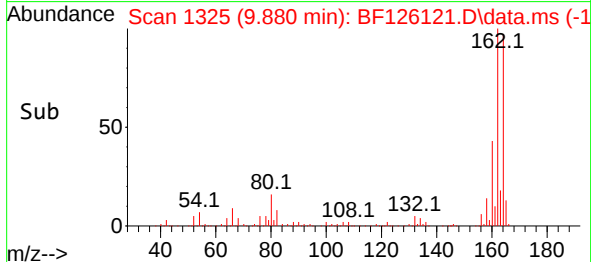
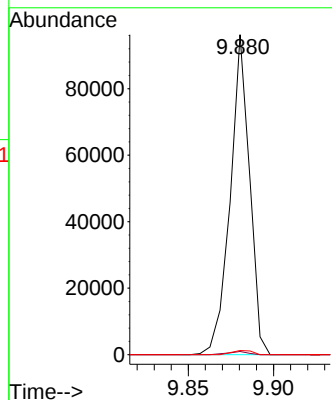
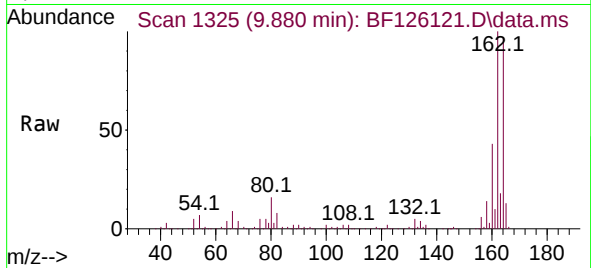




#51
2,6-Dinitrotoluene
Concen: 10.247 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.205 min
Lab File: BF126121.D
Acq: 11 Nov 2021 11:39

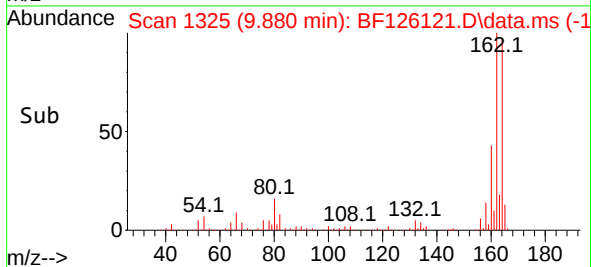
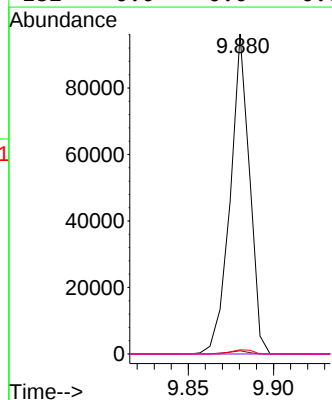
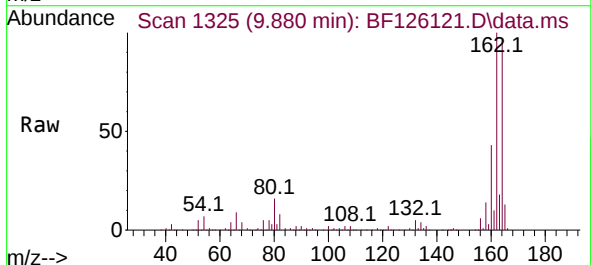
Instrument :
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ClientSampleId :
PB140585BL

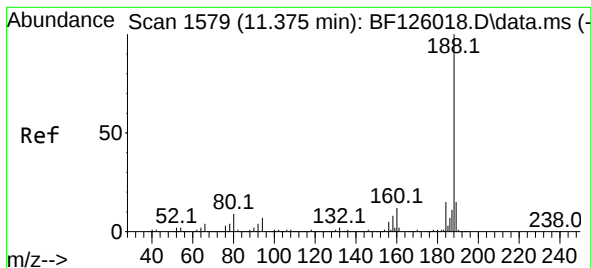
Tgt Ion:165 Resp: 76111
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.3 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 9.809 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.195 min
Lab File: BF126121.D
Acq: 11 Nov 2021 11:39

Tgt Ion:165 Resp: 76111
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.3 59.7 89.5#
182 0.0 0.0 0.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.368 min Scan# 1

Delta R.T. -0.007 min

Lab File: BF126121.D

Acq: 11 Nov 2021 11:39

Instrument :

BNA_F

ClientSampleId :

PB140585BL

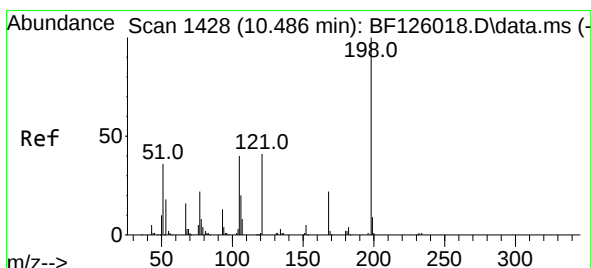
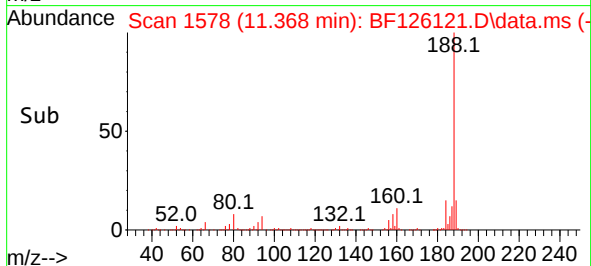
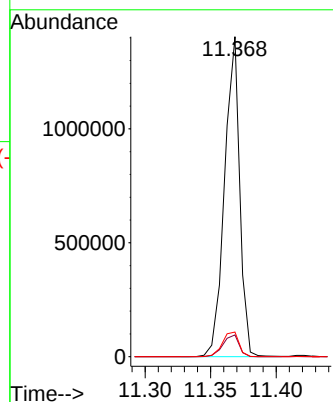
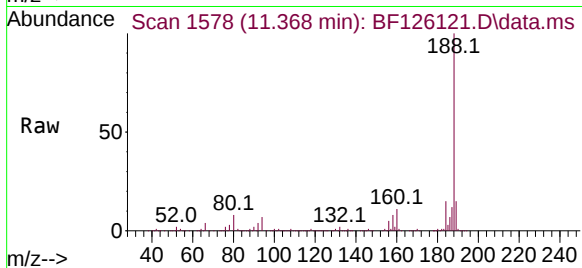
Tgt Ion:188 Resp: 1123181

Ion Ratio Lower Upper

188 100

94 6.8 6.7 10.1

80 7.7 7.5 11.3



#65

4,6-Dinitro-2-methylphenol

Concen: 8.572 ng

RT: 10.669 min Scan# 1459

Delta R.T. 0.183 min

Lab File: BF126121.D

Acq: 11 Nov 2021 11:39

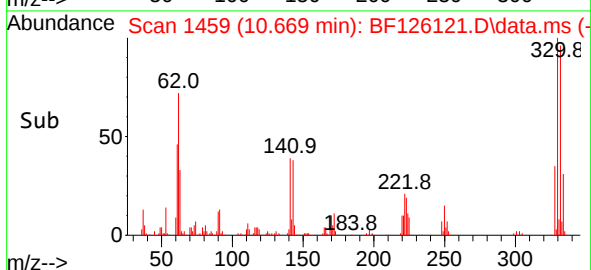
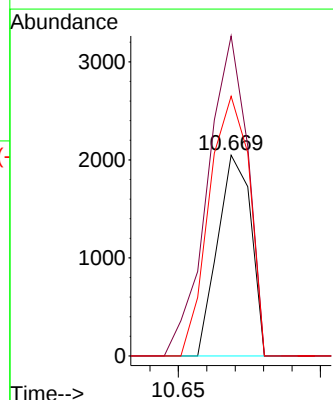
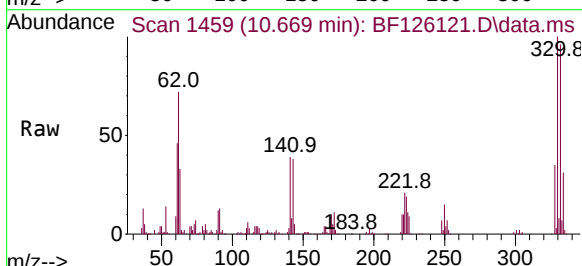
Tgt Ion:198 Resp: 1671

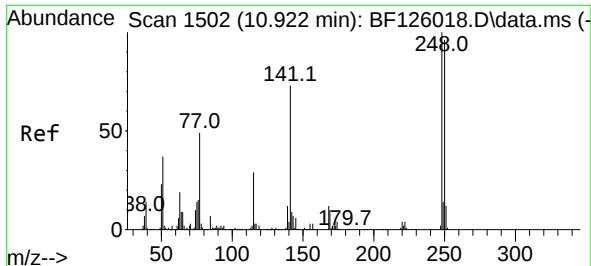
Ion Ratio Lower Upper

198 100

51 159.4 45.3 85.3#

105 129.3 30.6 70.6#

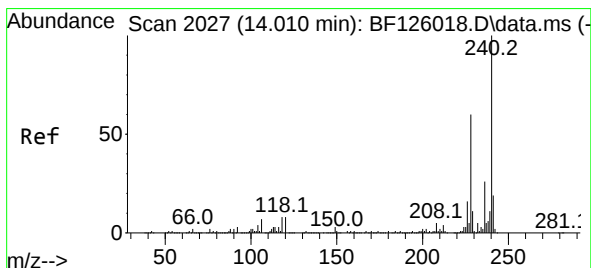
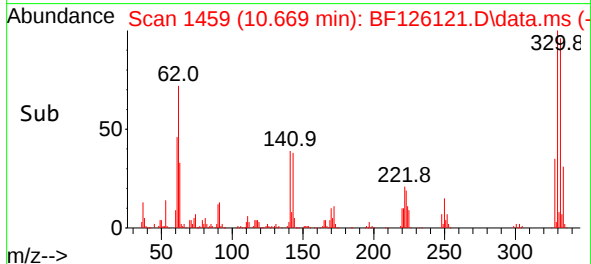
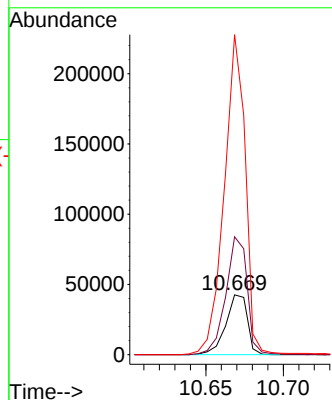
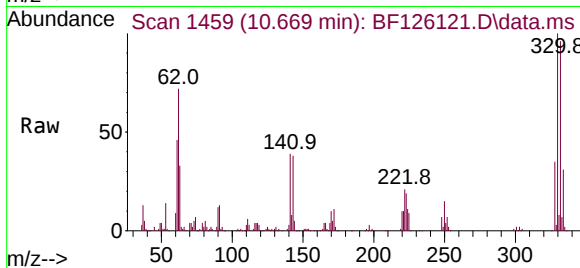




#67
4-Bromophenyl-phenylether
Concen: 3.032 ng
RT: 10.669 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF126121.D
Acq: 11 Nov 2021 11:39

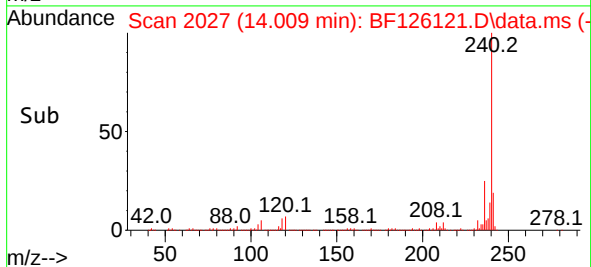
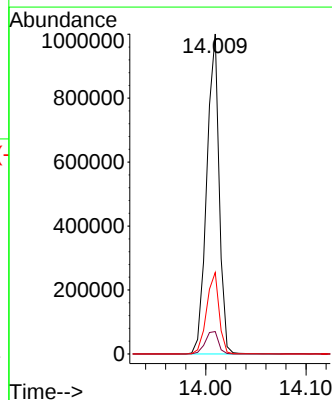
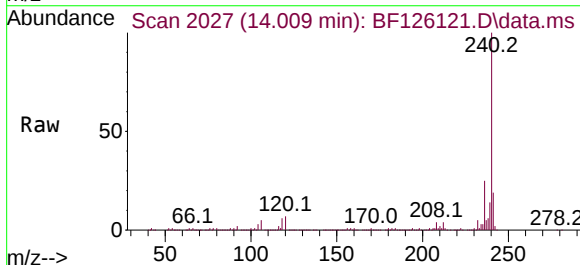
Instrument :
BNA_F
ClientSampleId :
PB140585BL

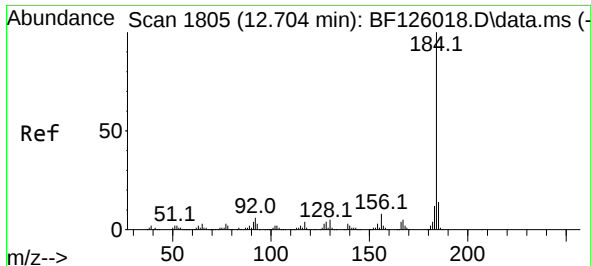
Tgt Ion:248 Resp: 41242
Ion Ratio Lower Upper
248 100
250 197.0 74.2 111.4#
141 534.9 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.009 min Scan# 2027
Delta R.T. -0.001 min
Lab File: BF126121.D
Acq: 11 Nov 2021 11:39

Tgt Ion:240 Resp: 863993
Ion Ratio Lower Upper
240 100
120 7.0 10.8 16.2#
236 25.5 21.6 32.4

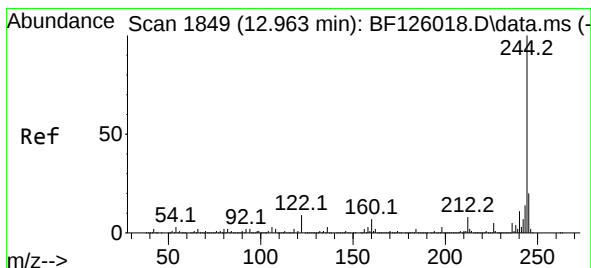
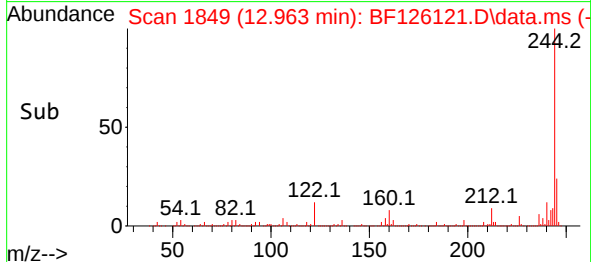
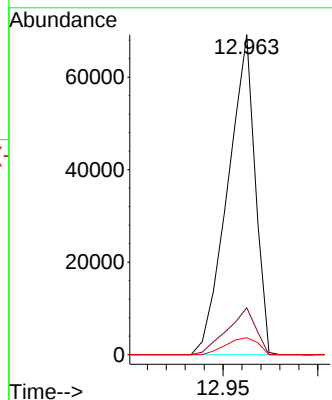
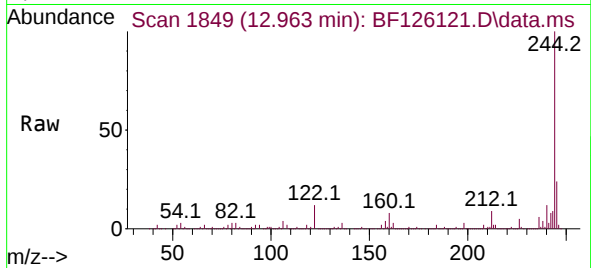




#77
Benzidine
Concen: 2.395 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.258 min
Lab File: BF126121.D
Acq: 11 Nov 2021 11:39

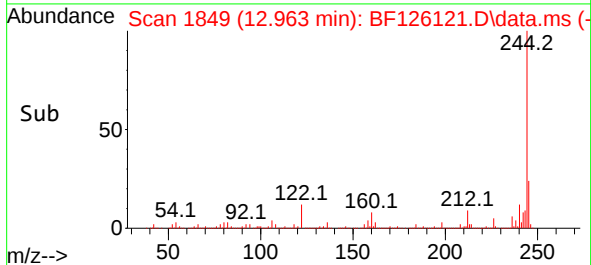
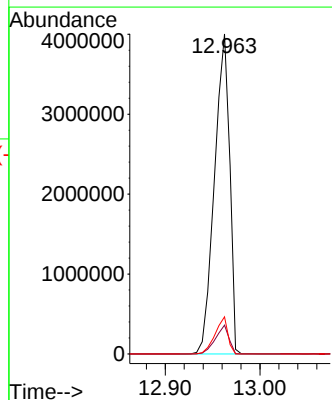
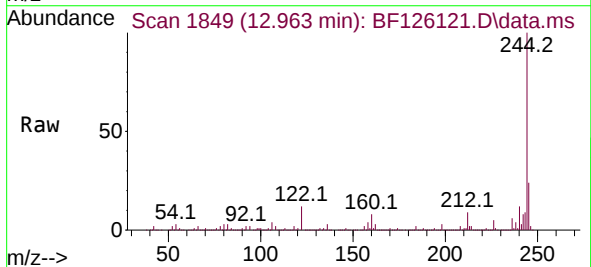
Instrument :
BNA_F
ClientSampleId :
PB140585BL

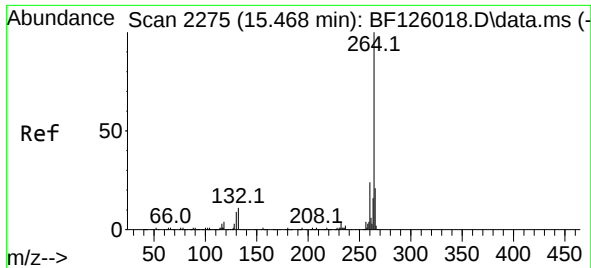
Tgt Ion:184 Resp: 69167
Ion Ratio Lower Upper
184 100
185 14.6 10.8 16.2
183 5.3 8.1 12.1#



#79
Terphenyl-d14
Concen: 82.723 ng
RT: 12.963 min Scan# 1849
Delta R.T. -0.000 min
Lab File: BF126121.D
Acq: 11 Nov 2021 11:39

Tgt Ion:244 Resp: 4432242
Ion Ratio Lower Upper
244 100
212 9.0 5.9 8.9#
122 11.6 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF126121.D
 Acq: 11 Nov 2021 11:39

Instrument :
 BNA_F
 ClientSampleId :
 PB140585BL

Tgt Ion:264 Resp: 625244
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 21.4 17.2 25.8

