

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111221\
 Data File : BF126155.D
 Acq On : 12 Nov 2021 14:16
 Operator : JU/CG
 Sample : M4572-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3

Quant Time: Nov 15 06:35:57 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)

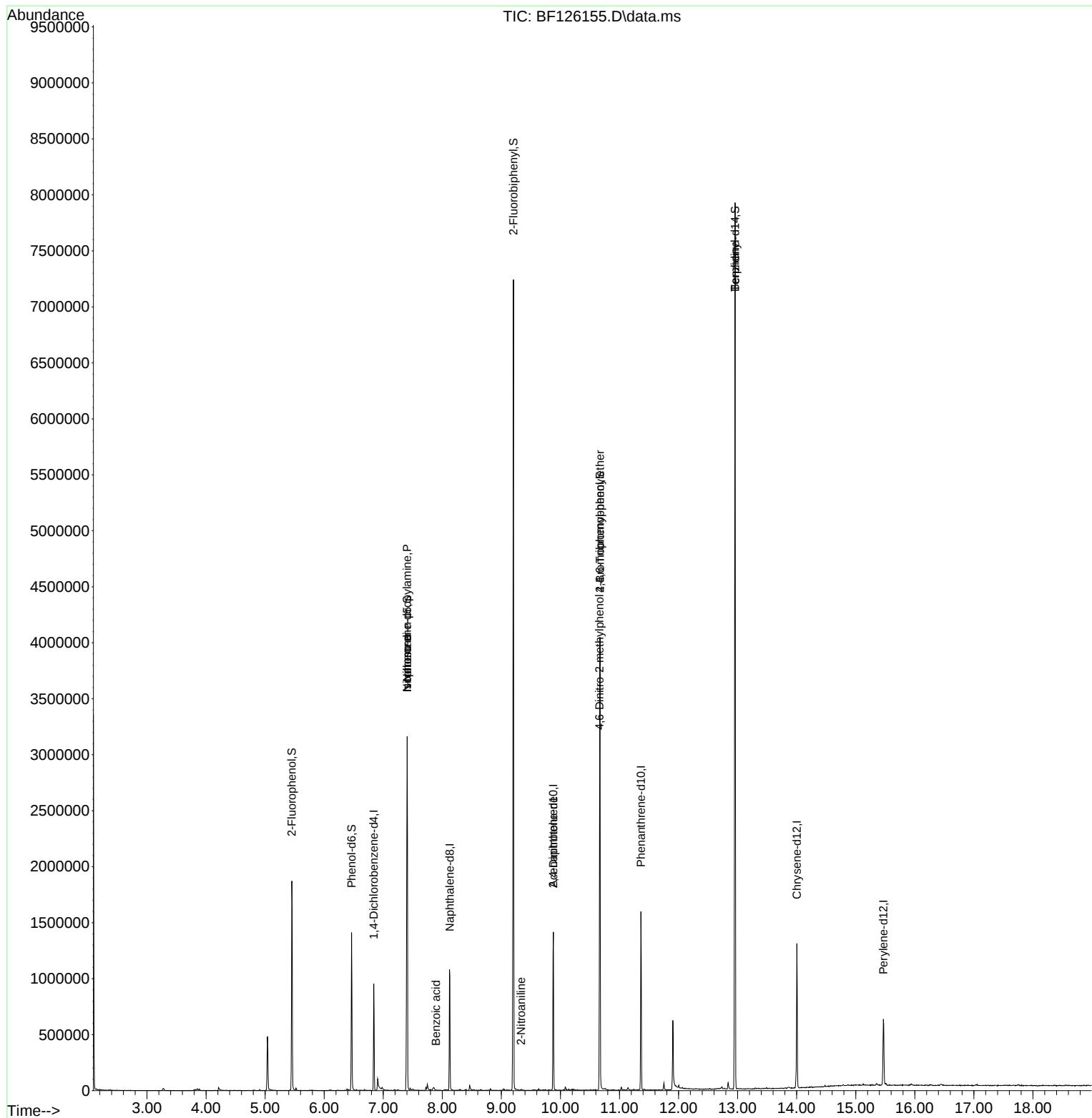
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	121096	20.000	ng	-0.02
21) Naphthalene-d8	8.127	136	449000	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	273738	20.000	ng	-0.01
64) Phenanthrene-d10	11.363	188	530193	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	410256	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	267031	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	425163	60.293	ng	-0.01
7) Phenol-d6	6.463	99	347655	34.974	ng	-0.02
23) Nitrobenzene-d5	7.404	82	999923	105.026	ng	-0.02
42) 2,4,6-Tribromophenol	10.668	330	425919	135.771	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	1898101	93.704	ng	-0.01
79) Terphenyl-d14	12.957	244	2475048	97.284	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.386	77	2843	Below Cal		95
19) n-Nitroso-di-n-propyla...	7.404	70	143133	21.842 ng	#	59
25) Isophorone	7.404	82	993566	57.963 ng	#	59
32) Benzoic acid	7.892	122	393	9.224 ng	#	68
48) 2-Nitroaniline	9.333	65	464	2.929 ng	#	1
57) 2,4-Dinitrotoluene	9.880	165	35146	9.836 ng	#	20
65) 4,6-Dinitro-2-methylph...	10.663	198	1337	8.750 ng	#	1
67) 4-Bromophenyl-phenylether	10.668	248	27005	4.205 ng	#	1
77) Benzidine	12.957	184	37425	2.729 ng	#	94

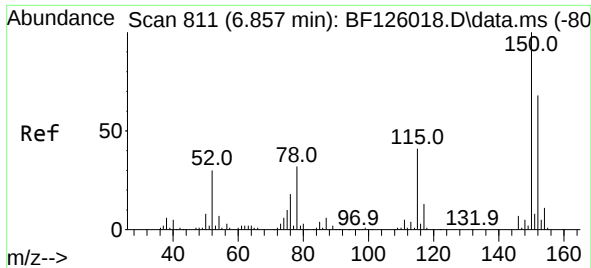
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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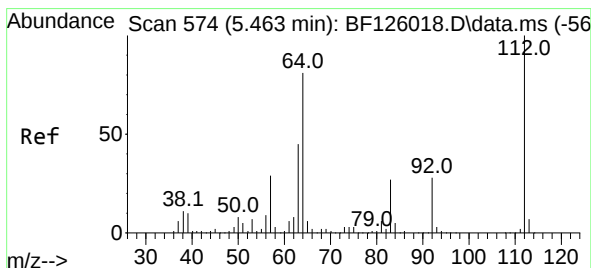
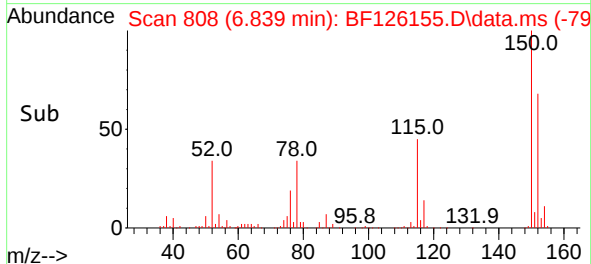
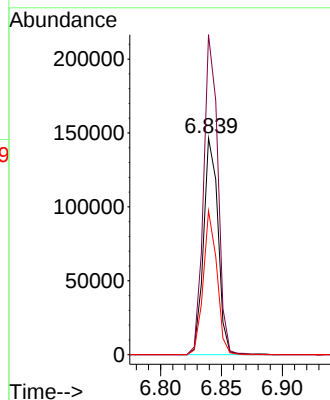
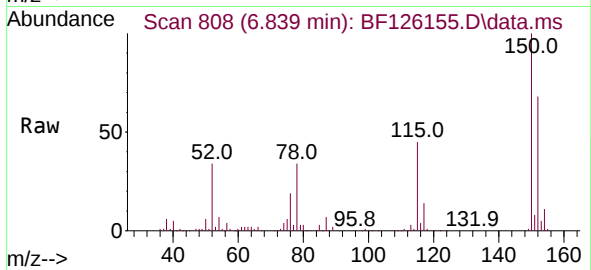




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF126155.D
Acq: 12 Nov 2021 14:16

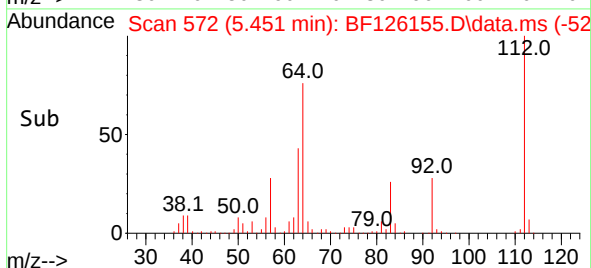
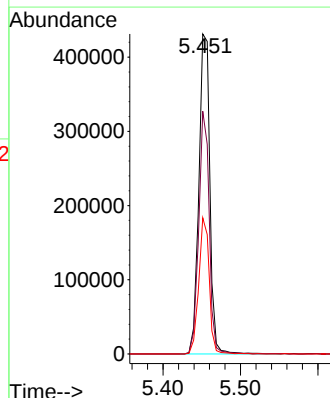
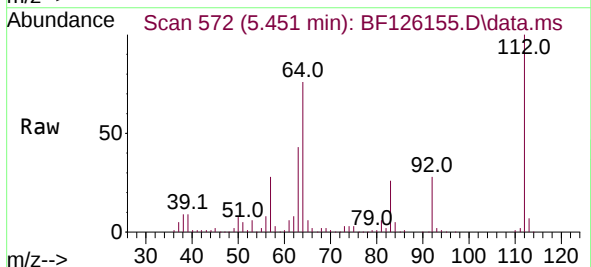
Instrument :
BNA_F
ClientSampleId :
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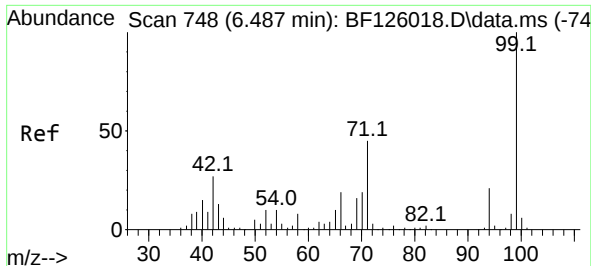
Tgt Ion:152 Resp: 121096
Ion Ratio Lower Upper
152 100
150 147.7 117.6 176.4
115 66.4 47.1 70.7



#5
2-Fluorophenol
Concen: 60.293 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.012 min
Lab File: BF126155.D
Acq: 12 Nov 2021 14:16

Tgt Ion:112 Resp: 425163
Ion Ratio Lower Upper
112 100
64 75.8 44.2 66.2#
63 42.5 26.2 39.2#

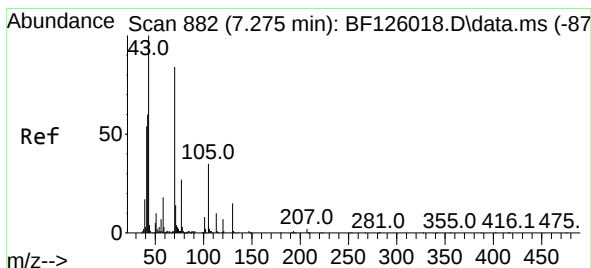
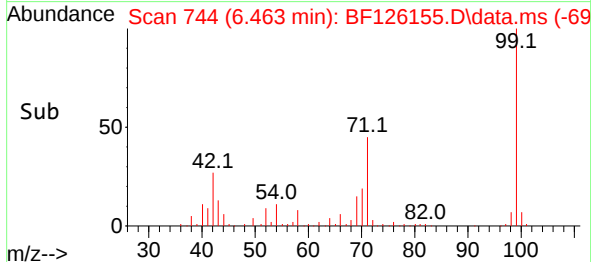
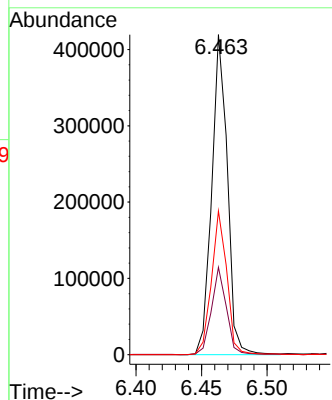
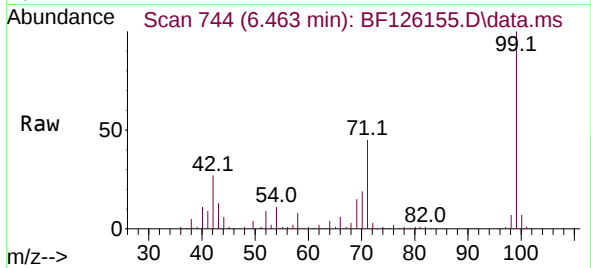




#7
Phenol-d6
Concen: 34.974 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.024 min
Lab File: BF126155.D
Acq: 12 Nov 2021 14:16

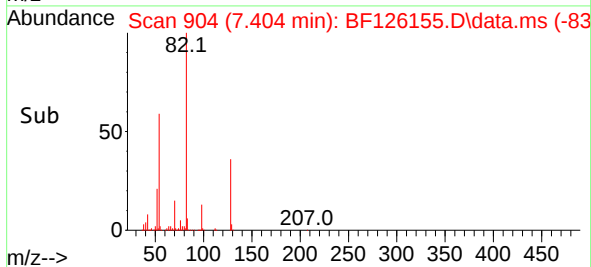
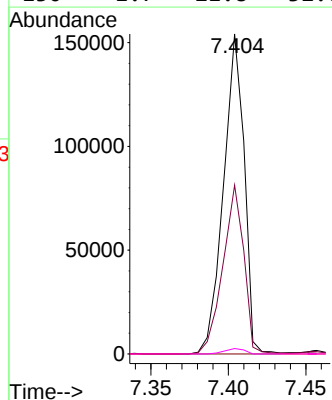
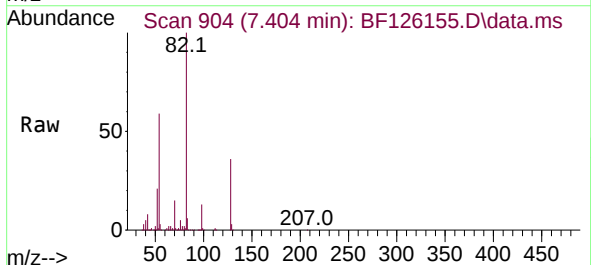
Instrument :
BNA_F
ClientSampleId :
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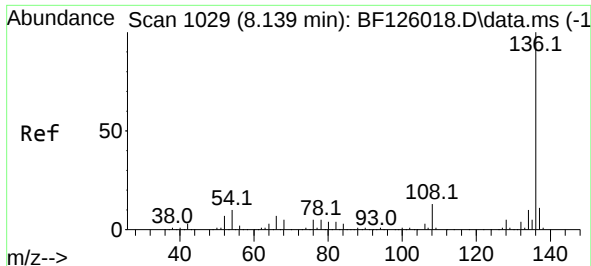
Tgt Ion: 99 Resp: 347655
Ion Ratio Lower Upper
99 100
42 27.3 23.5 35.3
71 44.9 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 21.842 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.129 min
Lab File: BF126155.D
Acq: 12 Nov 2021 14:16

Tgt Ion: 70 Resp: 143133
Ion Ratio Lower Upper
70 100
42 52.7 72.2 108.2#
101 0.0 7.8 11.8#
130 1.7 21.8 32.6#

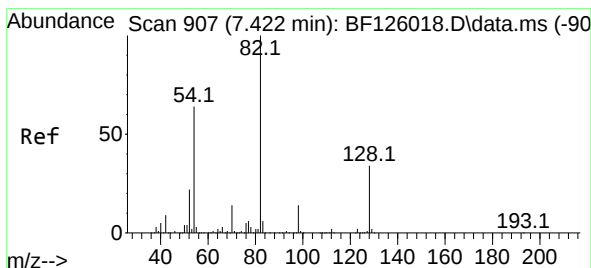
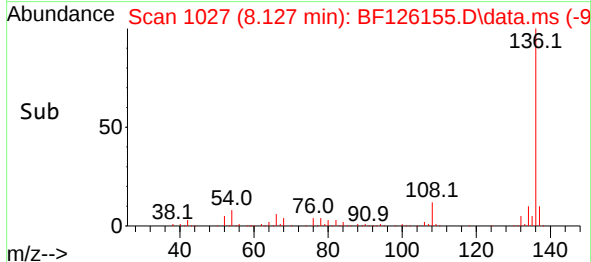
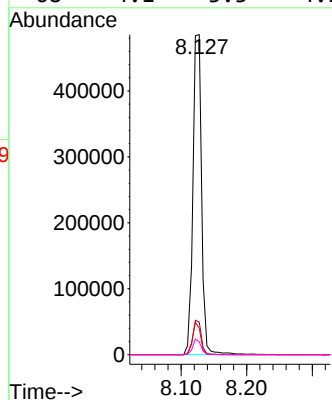
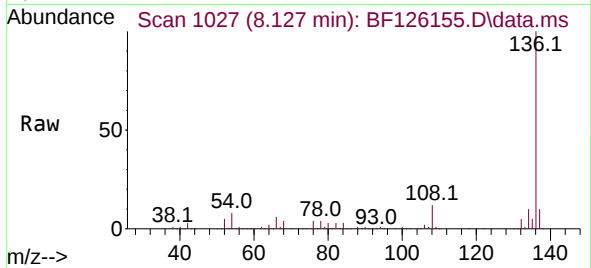




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.127 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF126155.D
Acq: 12 Nov 2021 14:16

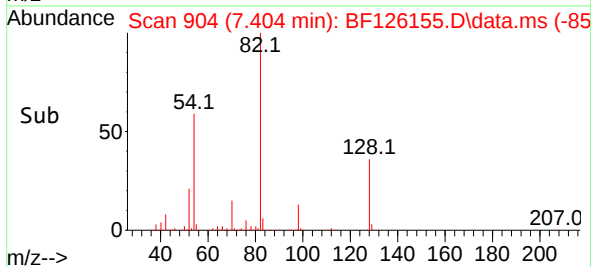
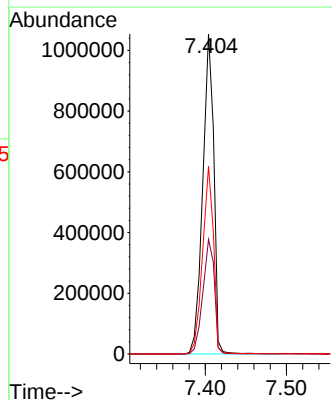
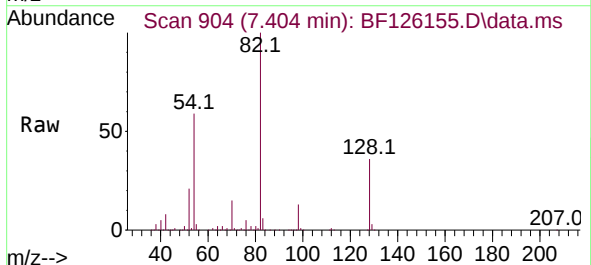
Instrument :
BNA_F
ClientSampleId :
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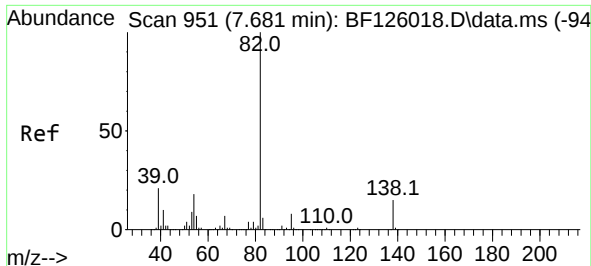
Tgt Ion:136 Resp: 449000
Ion Ratio Lower Upper
136 100
137 10.2 9.8 14.6
54 8.3 6.4 9.6
68 4.1 3.3 4.9



#23
Nitrobenzene-d5
Concen: 105.026 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.018 min
Lab File: BF126155.D
Acq: 12 Nov 2021 14:16

Tgt Ion: 82 Resp: 999923
Ion Ratio Lower Upper
82 100
128 35.8 40.6 60.8#
54 58.6 49.6 74.4

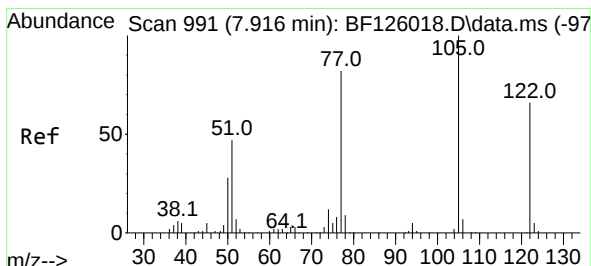
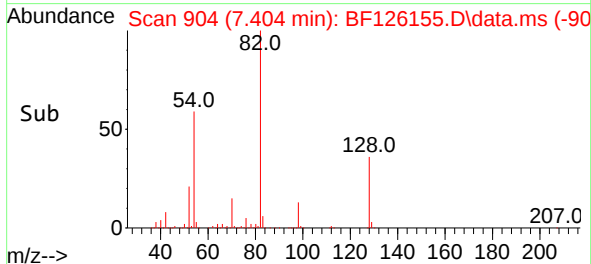
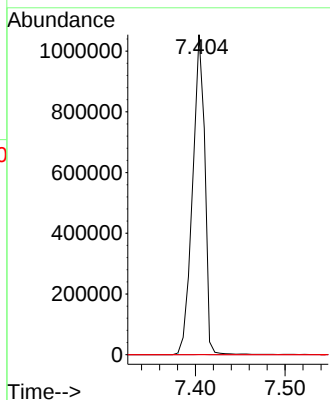
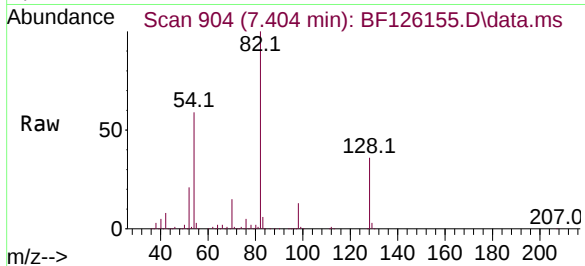




#25
Isophorone
Concen: 57.963 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.277 min
Lab File: BF126155.D
Acq: 12 Nov 2021 14:16

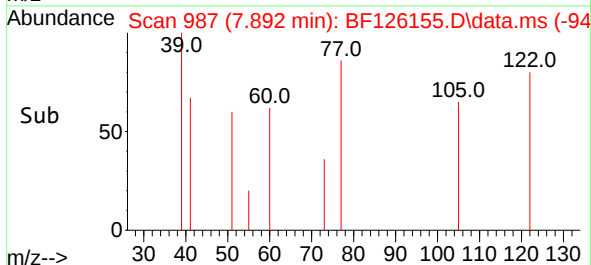
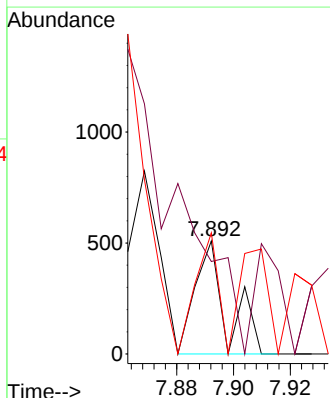
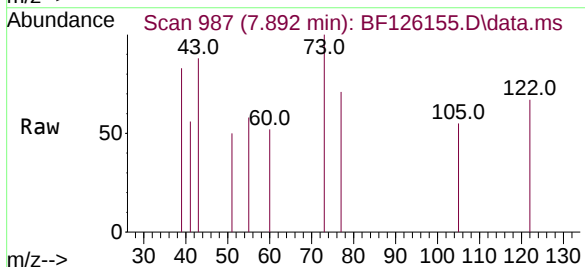
Instrument :
BNA_F
ClientSampleId :
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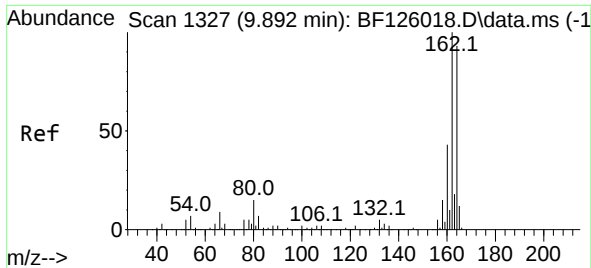
Tgt Ion: 82 Resp: 993566
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 9.224 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.024 min
Lab File: BF126155.D
Acq: 12 Nov 2021 14:16

Tgt Ion: 122 Resp: 393
Ion Ratio Lower Upper
122 100
105 81.9 97.6 137.6#
77 107.3 59.6 99.6#

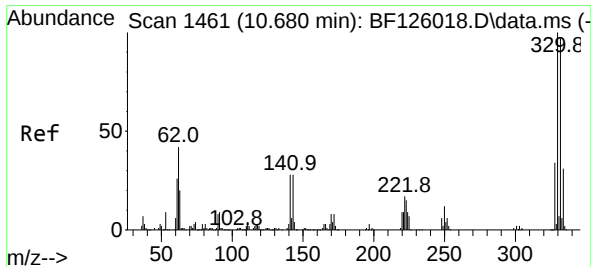
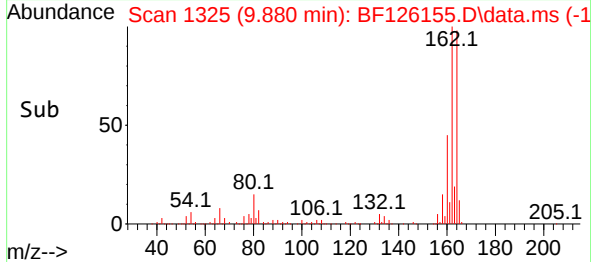
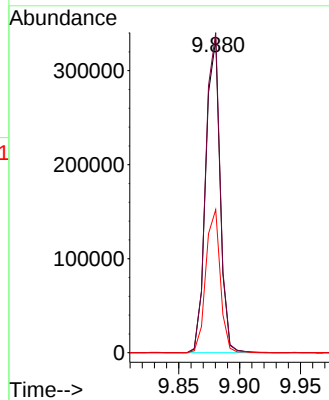
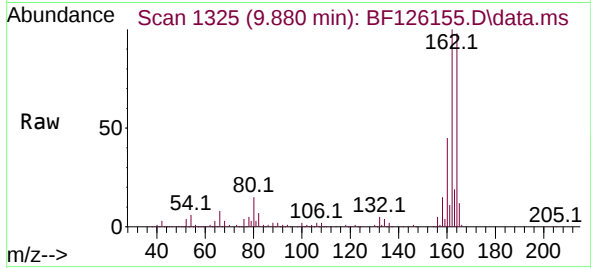




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126155.D
Acq: 12 Nov 2021 14:16

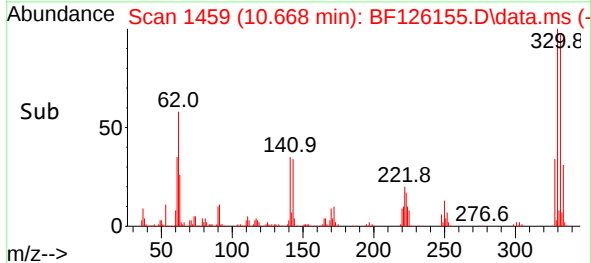
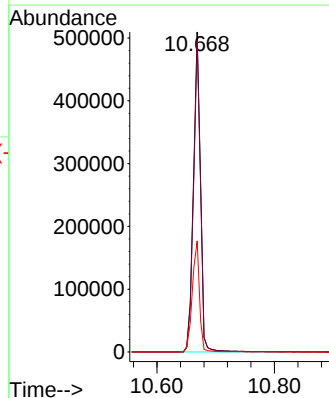
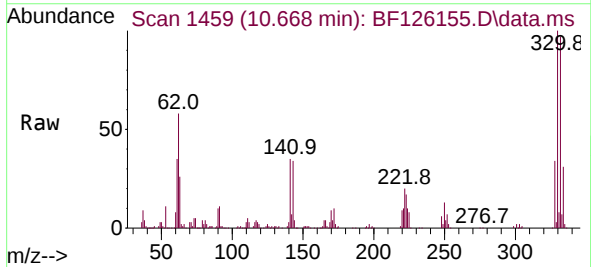
Instrument :
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ClientSampleId :
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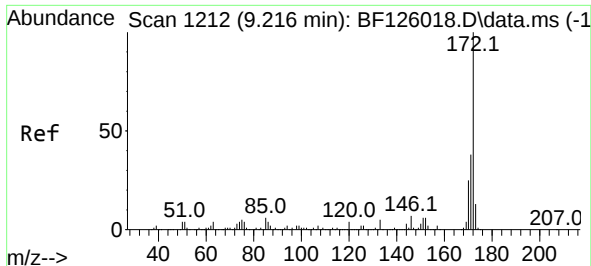
Tgt Ion:164 Resp: 273738
Ion Ratio Lower Upper
164 100
162 102.2 81.3 121.9
160 45.7 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 135.771 ng
RT: 10.668 min Scan# 1459
Delta R.T. -0.012 min
Lab File: BF126155.D
Acq: 12 Nov 2021 14:16

Tgt Ion:330 Resp: 425919
Ion Ratio Lower Upper
330 100
332 96.2 76.2 114.4
141 35.4 44.6 66.8#

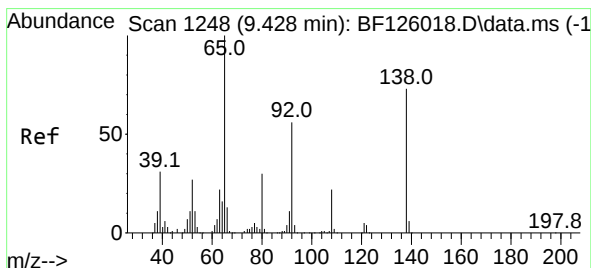
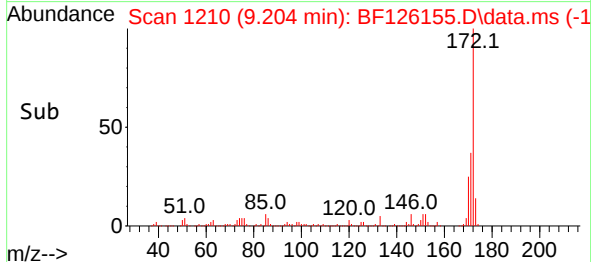
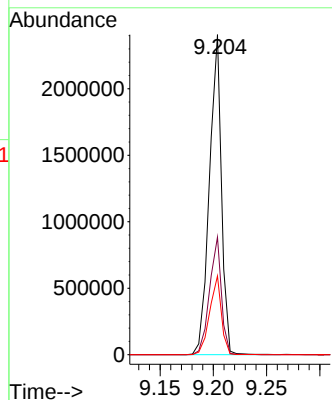
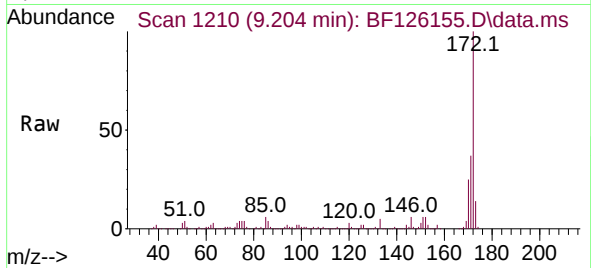




#45
2-Fluorobiphenyl
Concen: 93.704 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126155.D
Acq: 12 Nov 2021 14:16

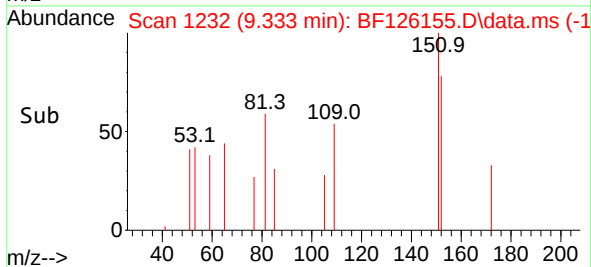
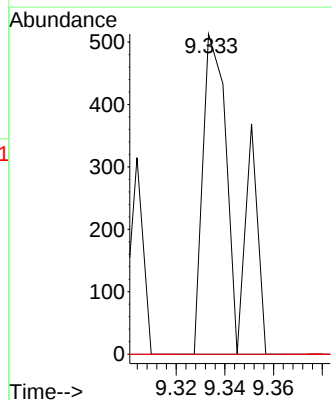
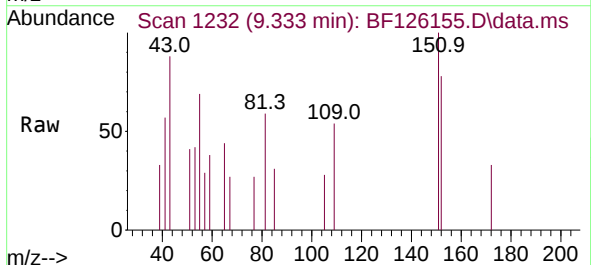
Instrument :
BNA_F
ClientSampleId :
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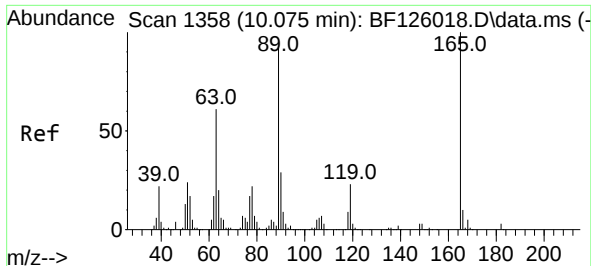
Tgt Ion:172 Resp: 1898101
Ion Ratio Lower Upper
172 100
171 36.8 26.5 39.7
170 24.6 18.8 28.2



#48
2-Nitroaniline
Concen: 2.929 ng
RT: 9.333 min Scan# 1232
Delta R.T. -0.095 min
Lab File: BF126155.D
Acq: 12 Nov 2021 14:16

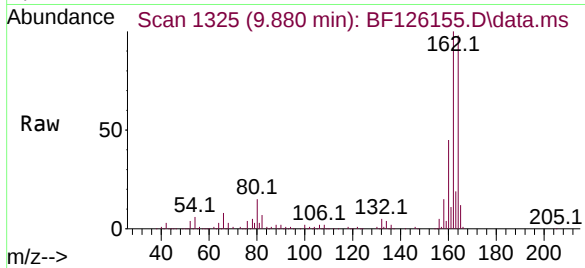
Tgt Ion: 65 Resp: 464
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#



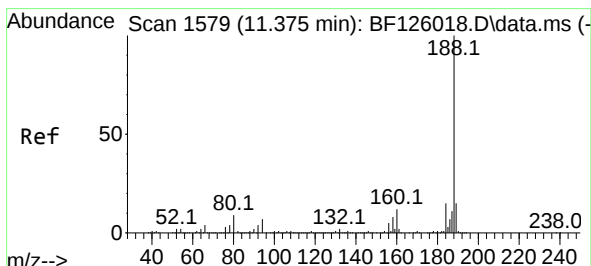
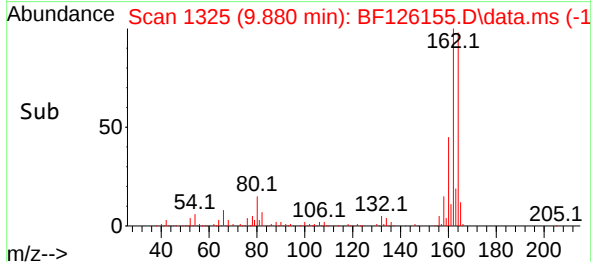
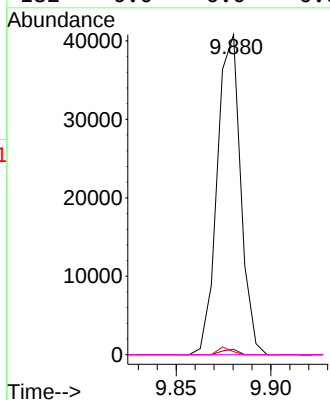


#57
2,4-Dinitrotoluene
Concen: 9.836 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.195 min
Lab File: BF126155.D
Acq: 12 Nov 2021 14:16

Instrument :
BNA_F
ClientSampleId :
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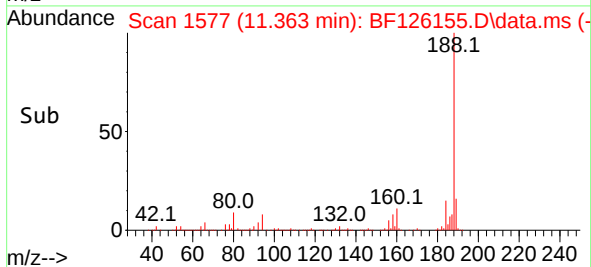
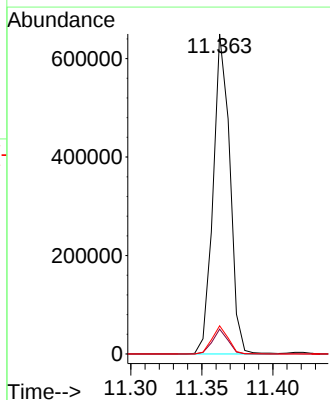
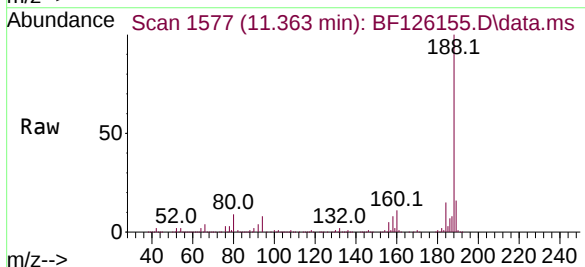


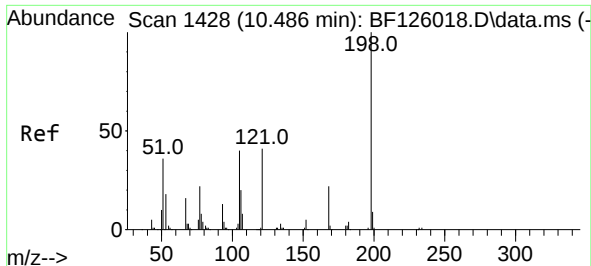
Tgt Ion:165 Resp: 35146
Ion Ratio Lower Upper
165 100
63 1.7 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF126155.D
Acq: 12 Nov 2021 14:16

Tgt Ion:188 Resp: 530193
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 8.8 7.5 11.3

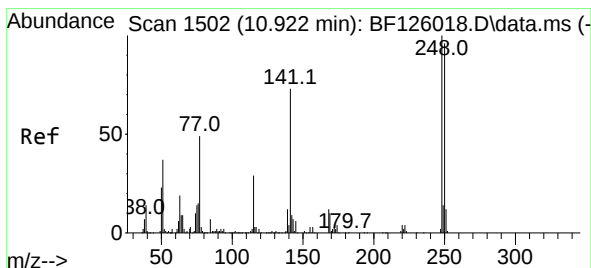
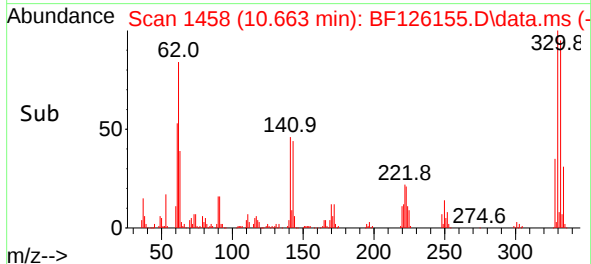
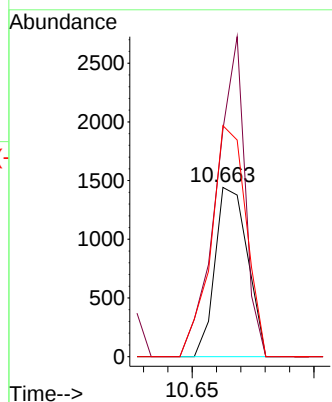
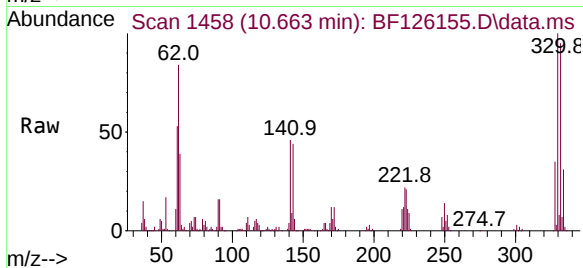




#65
4,6-Dinitro-2-methylphenol
Concen: 8.750 ng
RT: 10.663 min Scan# 1428
Delta R.T. 0.177 min
Lab File: BF126155.D
Acq: 12 Nov 2021 14:16

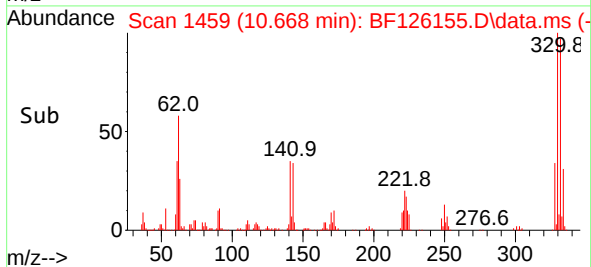
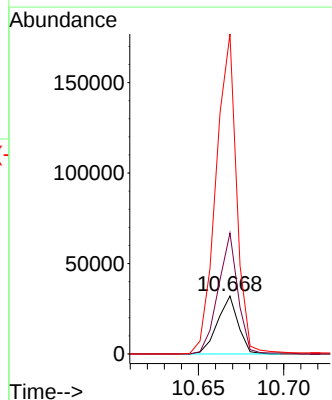
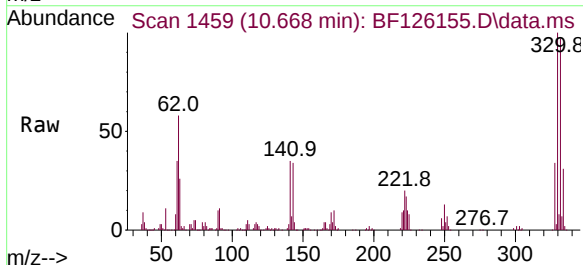
Instrument :
BNA_F
ClientSampleId :
3

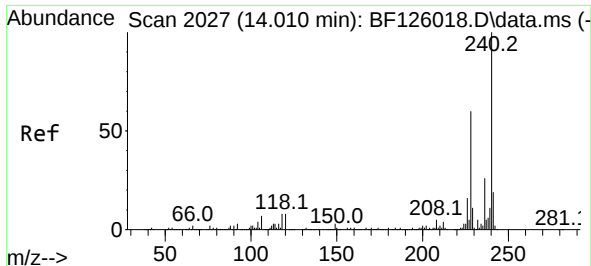
Tgt Ion:198 Resp: 1337
Ion Ratio Lower Upper
198 100
51 134.1 45.3 85.3#
105 136.5 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 4.205 ng
RT: 10.668 min Scan# 1459
Delta R.T. -0.254 min
Lab File: BF126155.D
Acq: 12 Nov 2021 14:16

Tgt Ion:248 Resp: 27005
Ion Ratio Lower Upper
248 100
250 208.8 74.2 111.4#
141 552.5 60.4 90.6#

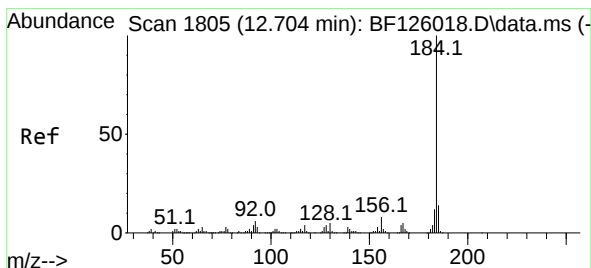
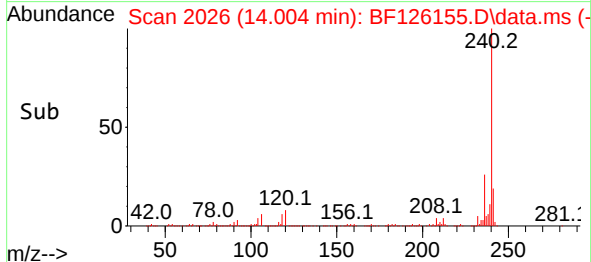
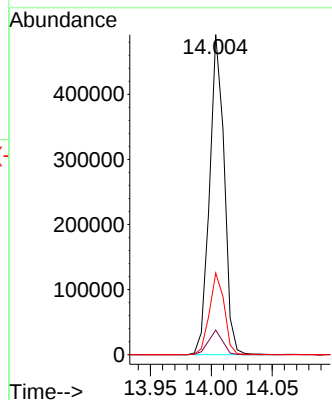
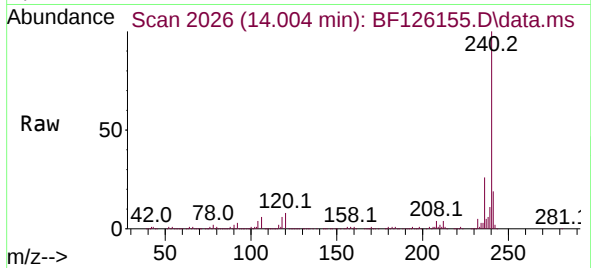




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF126155.D
Acq: 12 Nov 2021 14:16

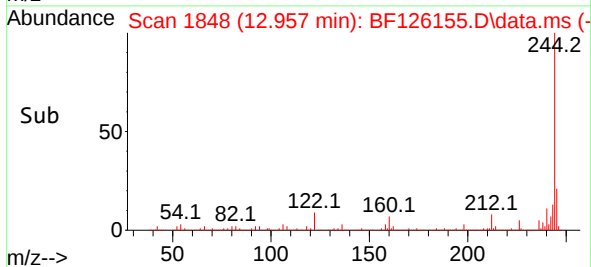
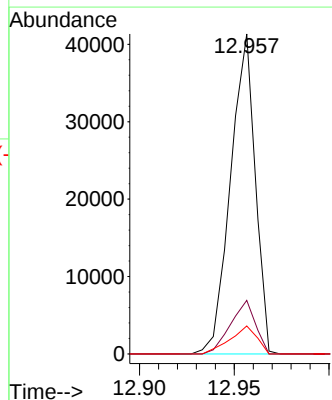
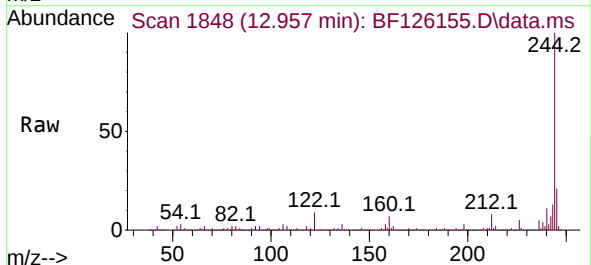
Instrument :
BNA_F
ClientSampleId :
3

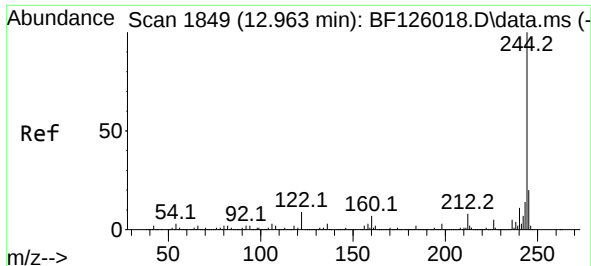
Tgt Ion:240 Resp: 410256
Ion Ratio Lower Upper
240 100
120 7.7 10.8 16.2#
236 25.5 21.6 32.4



#77
Benzidine
Concen: 2.729 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.253 min
Lab File: BF126155.D
Acq: 12 Nov 2021 14:16

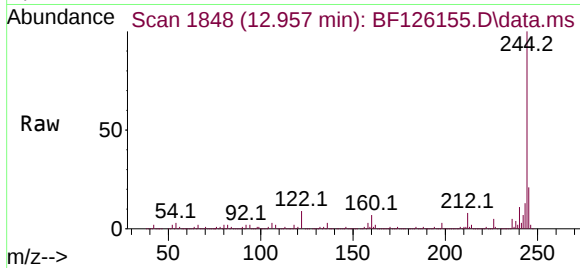
Tgt Ion:184 Resp: 37425
Ion Ratio Lower Upper
184 100
185 16.8 10.8 16.2#
183 8.8 8.1 12.1



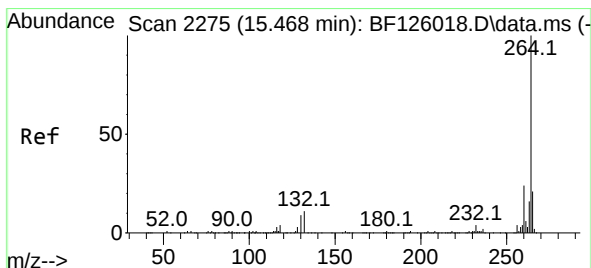
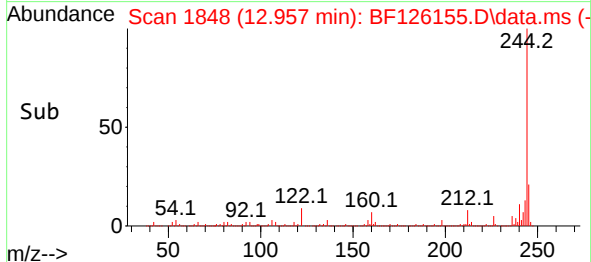
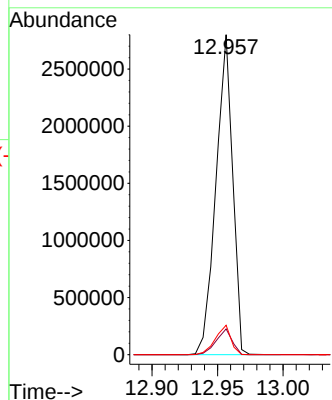


#79
 Terphenyl-d14
 Concen: 97.284 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF126155.D
 Acq: 12 Nov 2021 14:16

Instrument :
 BNA_F
 ClientSampleId :
 3



Tgt Ion:244 Resp: 2475048
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.9 8.9
 122 9.2 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. 0.000 min
 Lab File: BF126155.D
 Acq: 12 Nov 2021 14:16

Tgt Ion:264 Resp: 267031
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.6 29.4
 265 22.2 17.2 25.8

