

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111221\
 Data File : BF126154.D
 Acq On : 12 Nov 2021 13:43
 Operator : JU/CG
 Sample : M4572-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5

Quant Time: Nov 15 06:35:48 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)

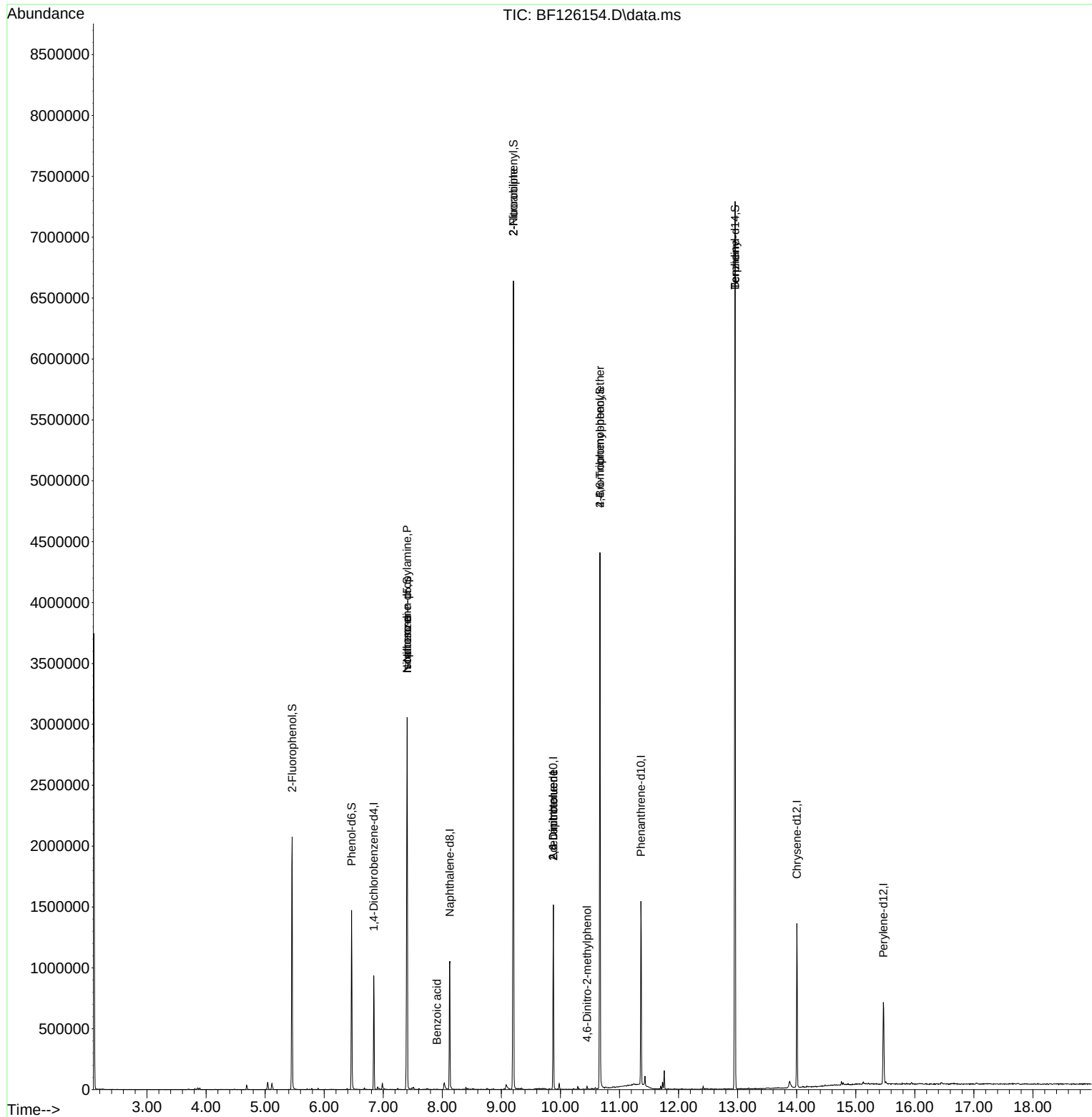
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	120918	20.000	ng	-0.02
21) Naphthalene-d8	8.128	136	448164	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	273736	20.000	ng	-0.01
64) Phenanthrene-d10	11.363	188	524896	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	432087	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	314111	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	466834	66.300	ng	0.00
7) Phenol-d6	6.463	99	370344	37.311	ng	-0.02
23) Nitrobenzene-d5	7.404	82	924140	97.247	ng	-0.02
42) 2,4,6-Tribromophenol	10.669	330	470078	149.848	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	1758356	86.805	ng	-0.01
79) Terphenyl-d14	12.957	244	2319257	86.555	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.387	77	1646	Below Cal	#	74
19) n-Nitroso-di-n-propyla...	7.404	70	130911	20.006	ng	# 60
25) Isophorone	7.404	82	917705	53.637	ng	# 59
32) Benzoic acid	7.910	122	584	9.264	ng	# 30
48) 2-Nitroaniline	9.204	65	3524	3.458	ng	# 1
51) 2,6-Dinitrotoluene	9.880	165	35371	10.355	ng	# 28
57) 2,4-Dinitrotoluene	9.880	165	35371	9.879	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.451	198	682	8.540	ng	# 22
67) 4-Bromophenyl-phenylether	10.669	248	30535	4.803	ng	# 1
77) Benzidine	12.957	184	34798	2.409	ng	# 93

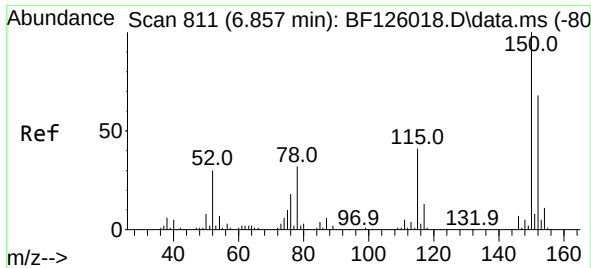
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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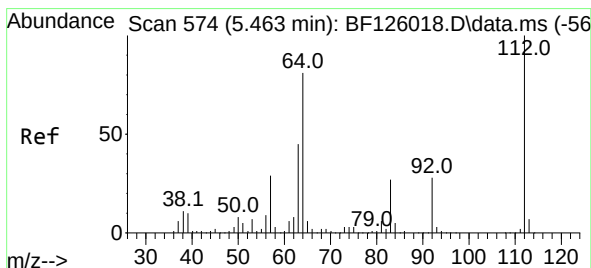
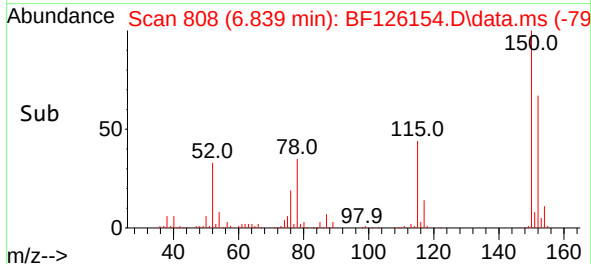
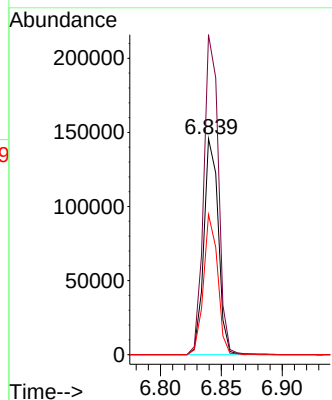
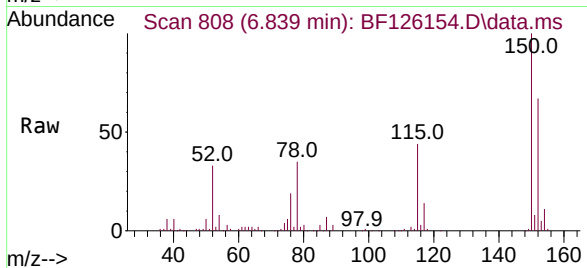




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF126154.D
Acq: 12 Nov 2021 13:43

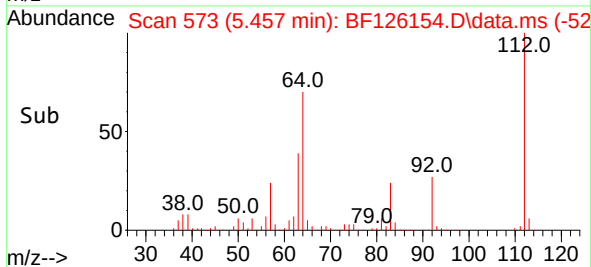
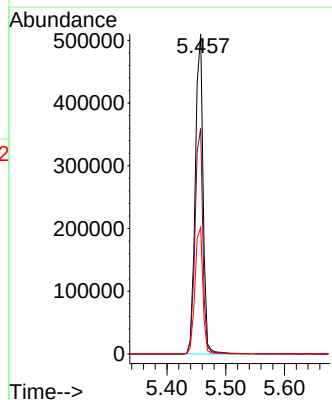
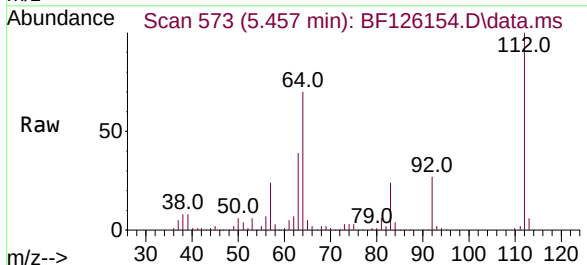
Instrument :
BNA_F
ClientSampleId :
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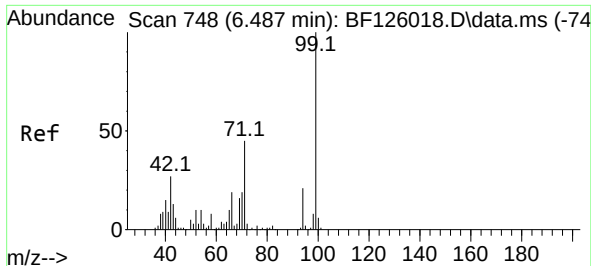
Tgt Ion:152 Resp: 120918
Ion Ratio Lower Upper
152 100
150 148.2 117.6 176.4
115 64.9 47.1 70.7



#5
2-Fluorophenol
Concen: 66.300 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.006 min
Lab File: BF126154.D
Acq: 12 Nov 2021 13:43

Tgt Ion:112 Resp: 466834
Ion Ratio Lower Upper
112 100
64 70.4 44.2 66.2#
63 39.5 26.2 39.2#

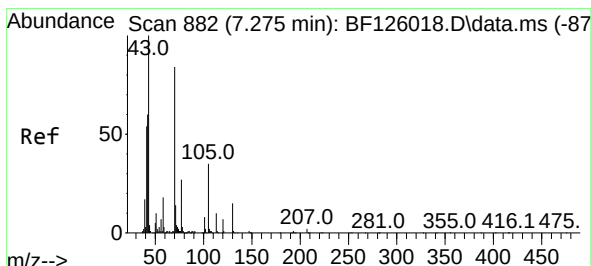
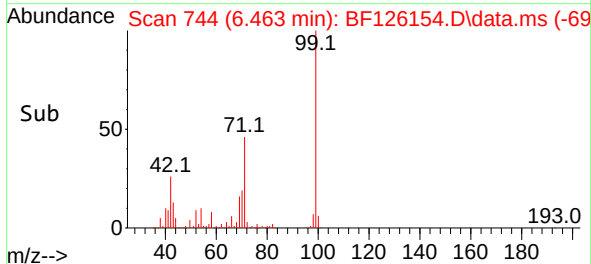
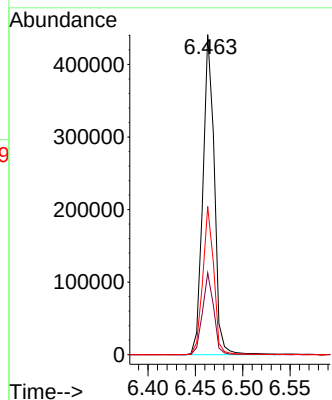
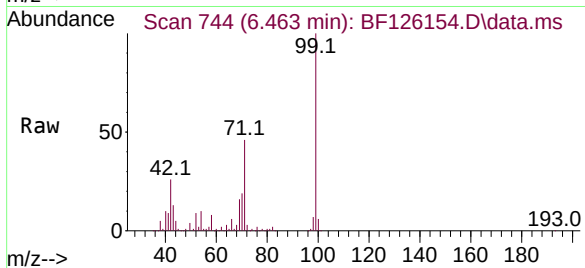




#7
Phenol-d6
Concen: 37.311 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.024 min
Lab File: BF126154.D
Acq: 12 Nov 2021 13:43

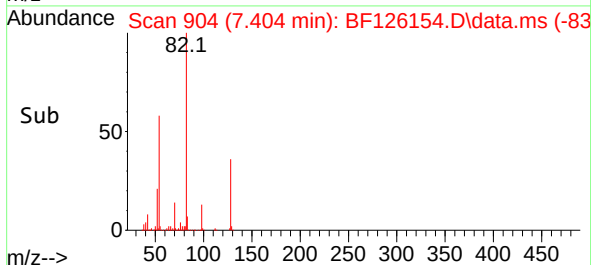
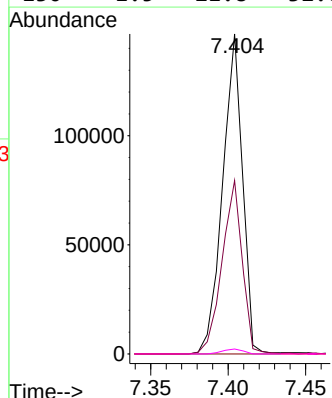
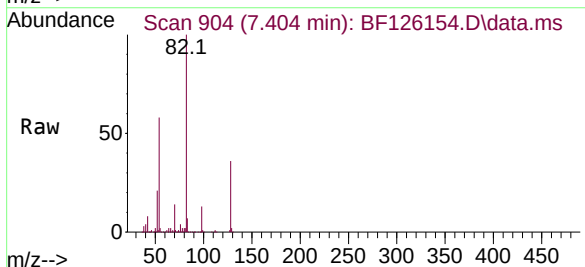
Instrument :
BNA_F
ClientSampleId :
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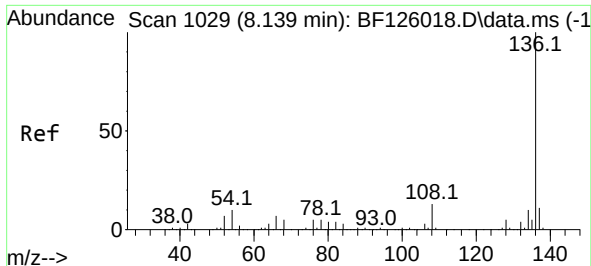
Tgt Ion: 99 Resp: 370344
Ion Ratio Lower Upper
99 100
42 25.6 23.5 35.3
71 46.3 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 20.006 ng
RT: 7.404 min Scan# 904
Delta R.T. 0.129 min
Lab File: BF126154.D
Acq: 12 Nov 2021 13:43

Tgt Ion: 70 Resp: 130911
Ion Ratio Lower Upper
70 100
42 54.2 72.2 108.2#
101 0.0 7.8 11.8#
130 1.5 21.8 32.6#

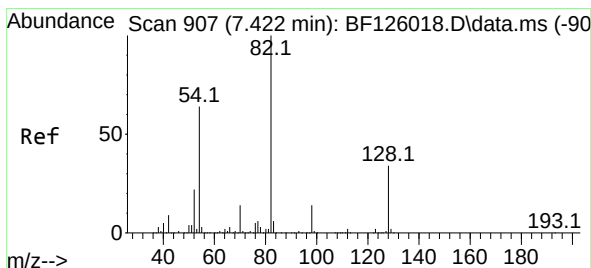
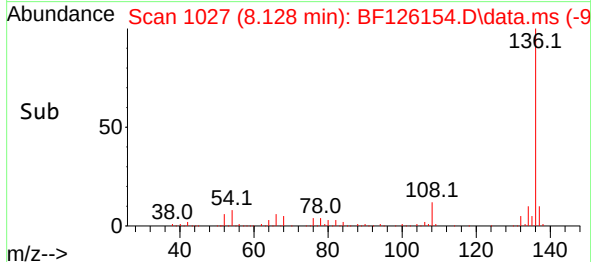
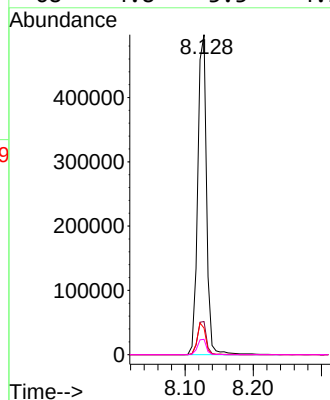
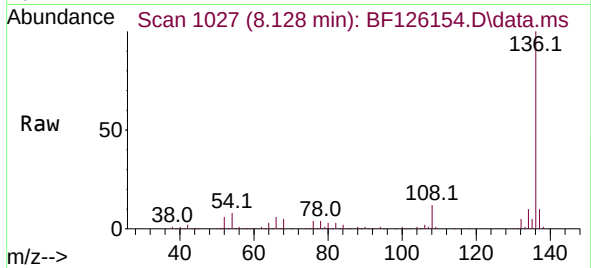




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.011 min
Lab File: BF126154.D
Acq: 12 Nov 2021 13:43

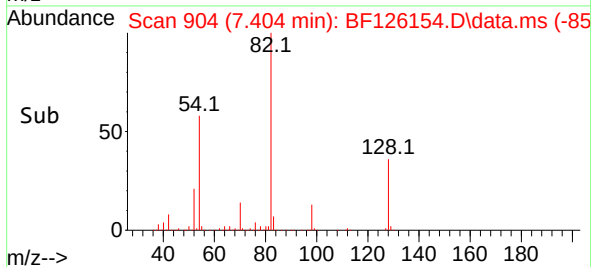
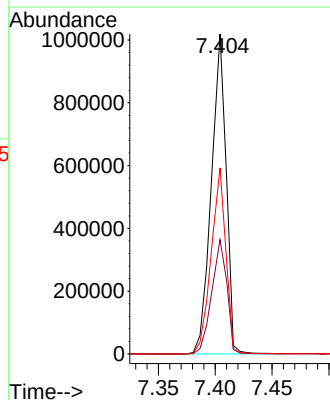
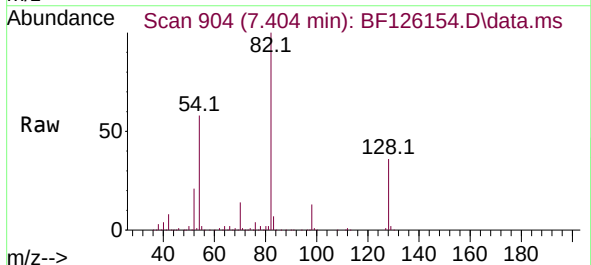
Instrument :
BNA_F
ClientSampleId :
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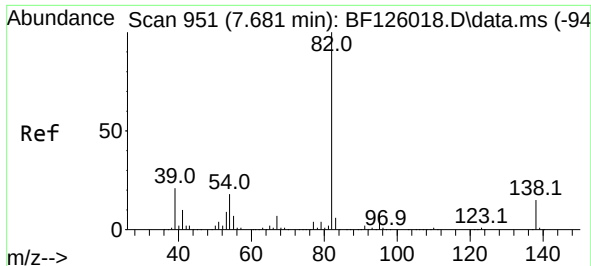
Tgt Ion:	136	Resp:	448164
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.8	14.6
54	8.3	6.4	9.6
68	4.8	3.3	4.9



#23
Nitrobenzene-d5
Concen: 97.247 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.018 min
Lab File: BF126154.D
Acq: 12 Nov 2021 13:43

Tgt Ion:	82	Resp:	924140
Ion	Ratio	Lower	Upper
82	100		
128	35.8	40.6	60.8#
54	58.2	49.6	74.4

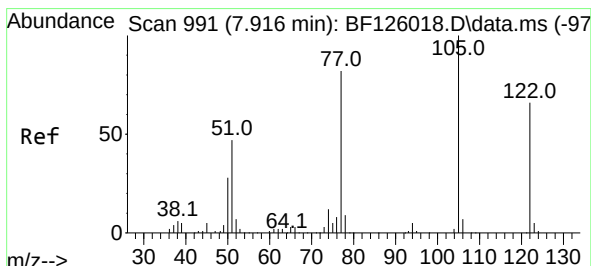
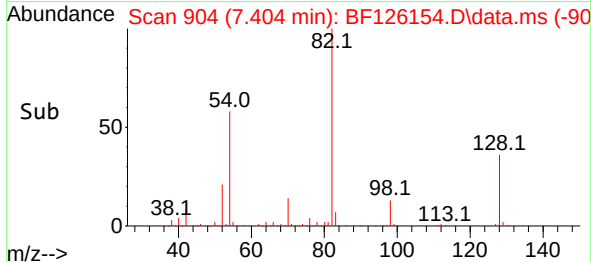
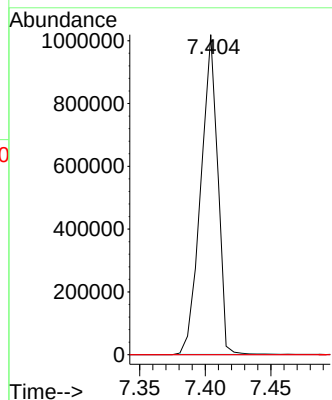
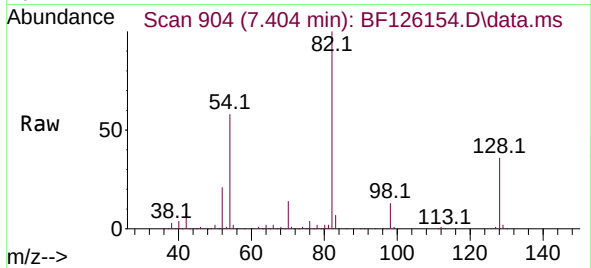




#25
Isophorone
Concen: 53.637 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.277 min
Lab File: BF126154.D
Acq: 12 Nov 2021 13:43

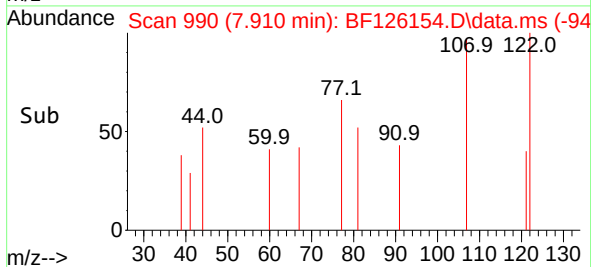
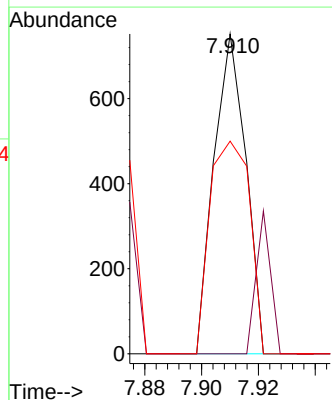
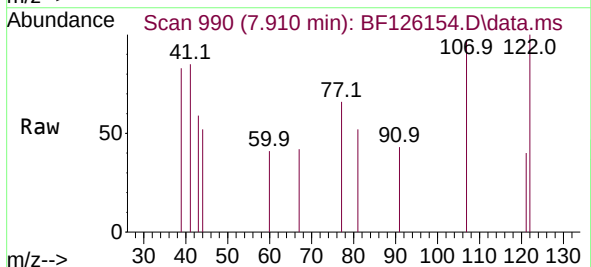
Instrument :
BNA_F
ClientSampleId :
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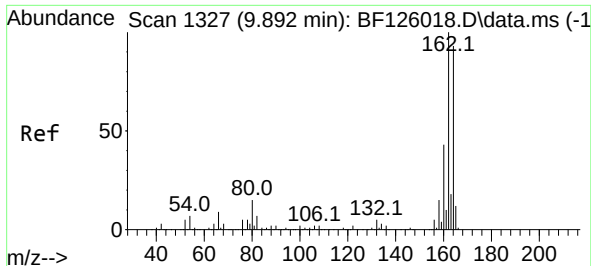
Tgt Ion: 82 Resp: 917705
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 9.264 ng
RT: 7.910 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF126154.D
Acq: 12 Nov 2021 13:43

Tgt Ion: 122 Resp: 584
Ion Ratio Lower Upper
122 100
105 0.0 97.6 137.6#
77 66.5 59.6 99.6

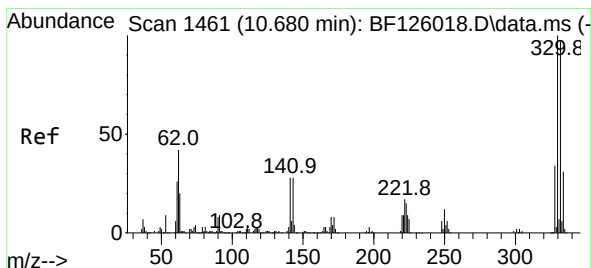
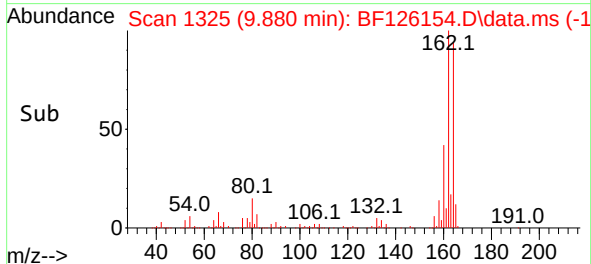
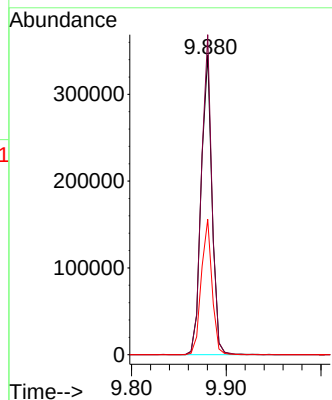
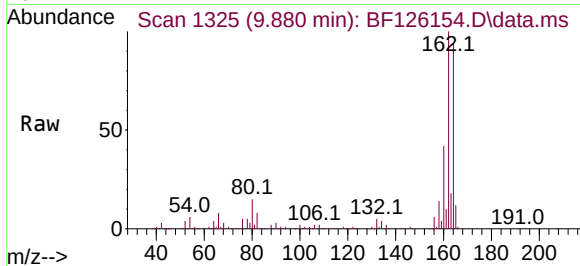




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126154.D
Acq: 12 Nov 2021 13:43

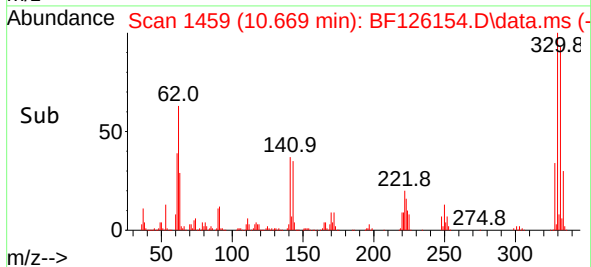
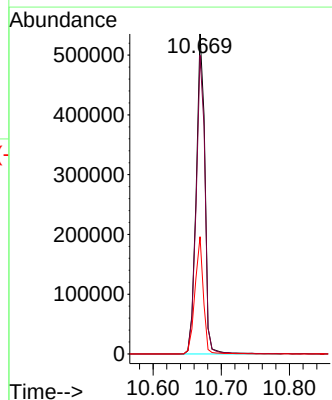
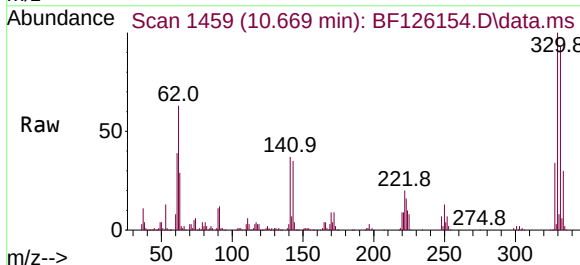
Instrument :
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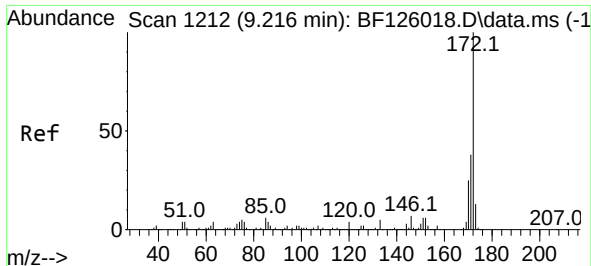
Tgt Ion:164 Resp: 273736
Ion Ratio Lower Upper
164 100
162 106.8 81.3 121.9
160 45.2 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 149.848 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.012 min
Lab File: BF126154.D
Acq: 12 Nov 2021 13:43

Tgt Ion:330 Resp: 470078
Ion Ratio Lower Upper
330 100
332 94.6 76.2 114.4
141 35.3 44.6 66.8#

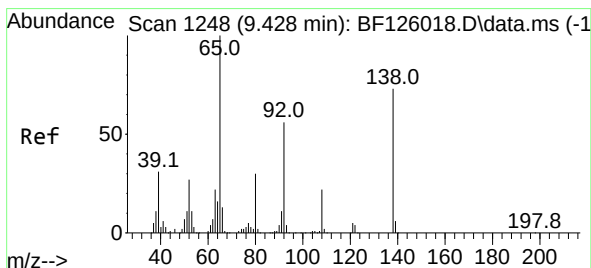
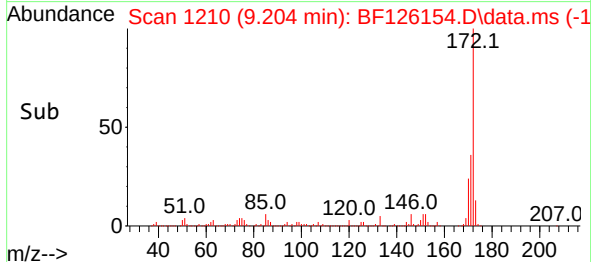
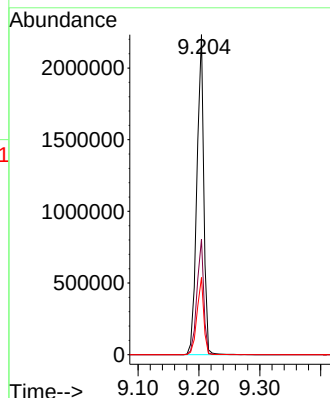
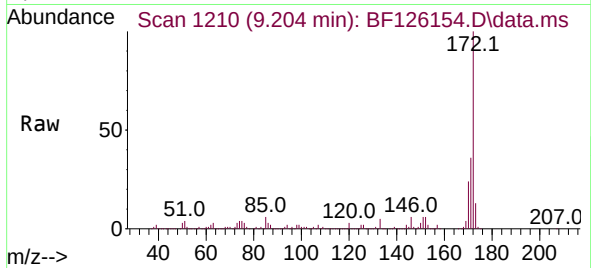




#45
2-Fluorobiphenyl
Concen: 86.805 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126154.D
Acq: 12 Nov 2021 13:43

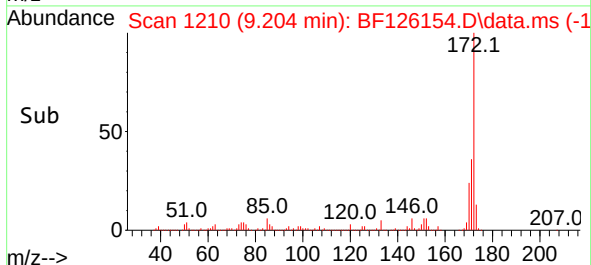
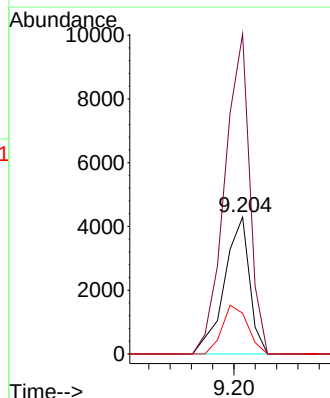
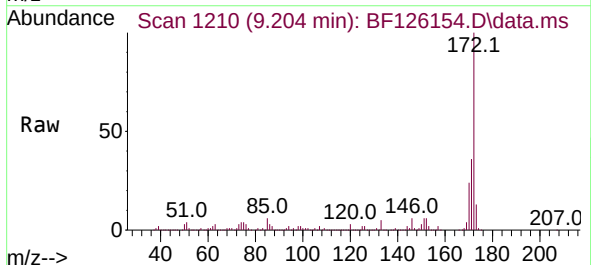
Instrument :
BNA_F
ClientSampleId :
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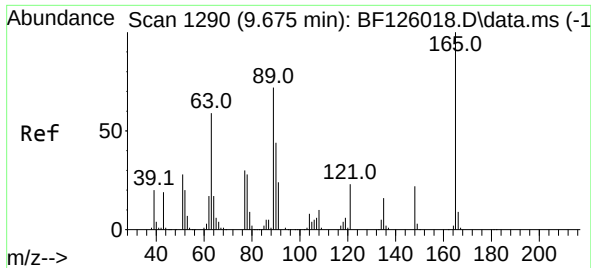
Tgt Ion:172 Resp: 1758356
Ion Ratio Lower Upper
172 100
171 36.1 26.5 39.7
170 24.1 18.8 28.2



#48
2-Nitroaniline
Concen: 3.458 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.224 min
Lab File: BF126154.D
Acq: 12 Nov 2021 13:43

Tgt Ion: 65 Resp: 3524
Ion Ratio Lower Upper
65 100
92 233.9 55.5 83.3#
138 29.8 93.5 140.3#

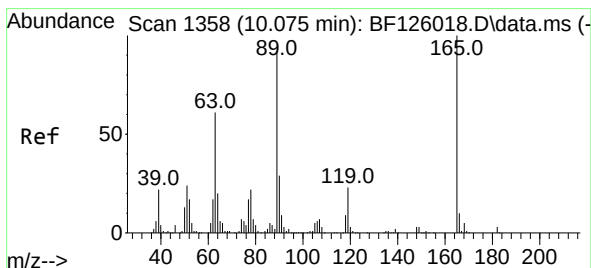
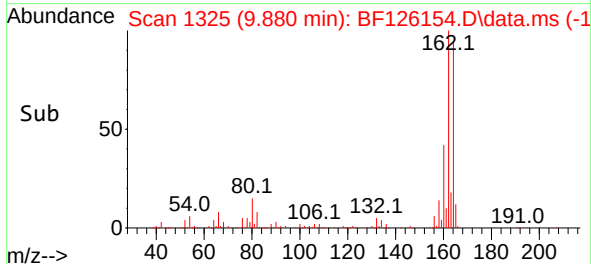
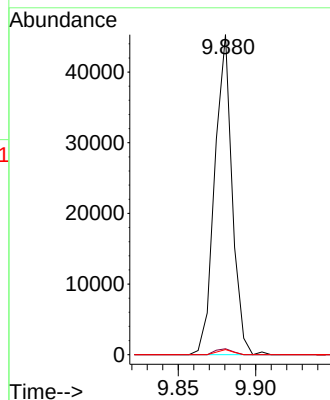
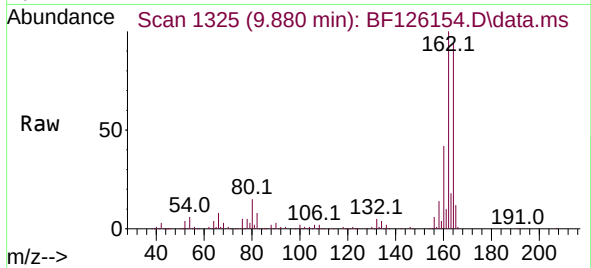




#51
2,6-Dinitrotoluene
Concen: 10.355 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.205 min
Lab File: BF126154.D
Acq: 12 Nov 2021 13:43

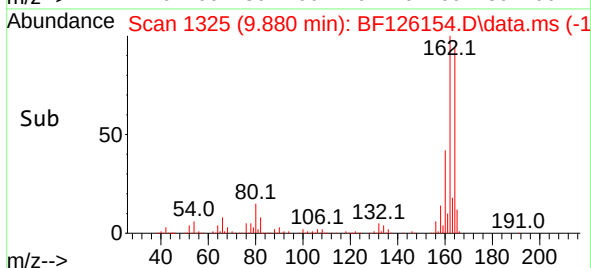
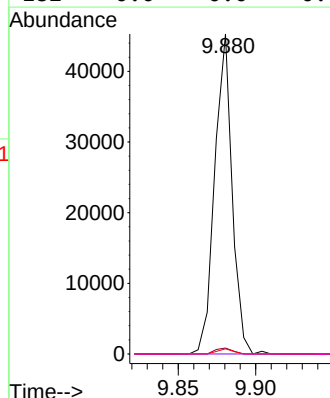
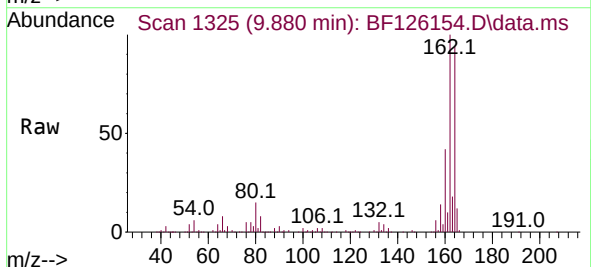
Instrument :
BNA_F
ClientSampleId :
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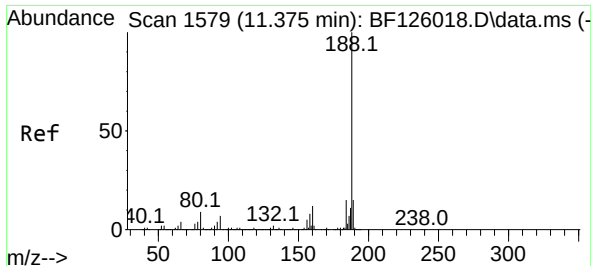
Tgt Ion:165 Resp: 35371
Ion Ratio Lower Upper
165 100
63 1.8 42.6 63.8#
89 1.6 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 9.879 ng
RT: 9.880 min Scan# 1325
Delta R.T. -0.195 min
Lab File: BF126154.D
Acq: 12 Nov 2021 13:43

Tgt Ion:165 Resp: 35371
Ion Ratio Lower Upper
165 100
63 1.8 40.9 61.3#
89 1.6 59.7 89.5#
182 0.0 0.0 0.0

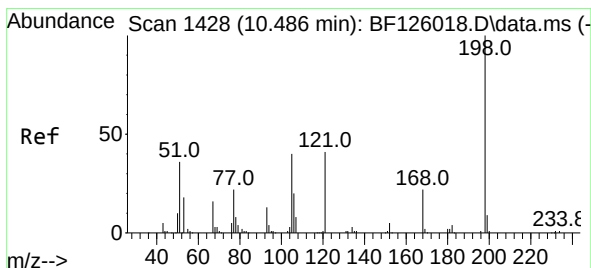
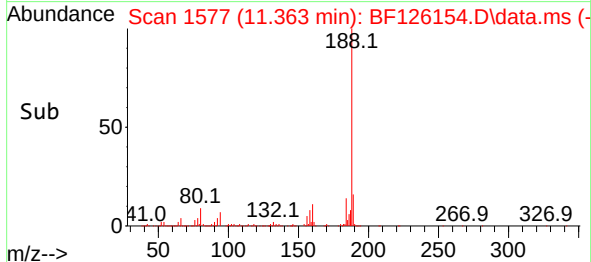
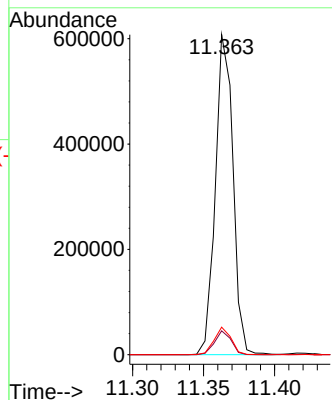
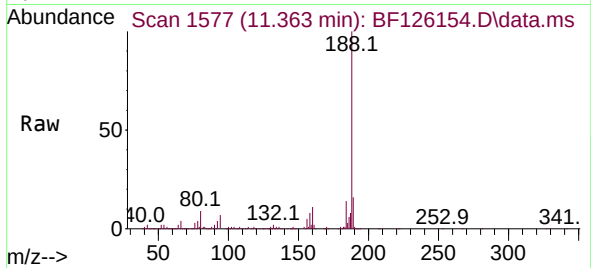




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126154.D
Acq: 12 Nov 2021 13:43

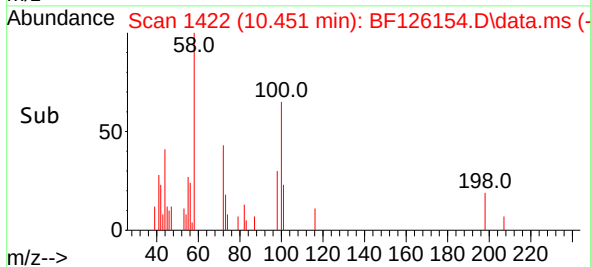
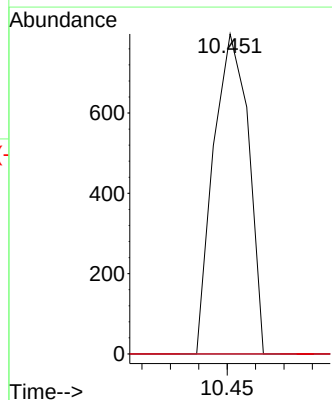
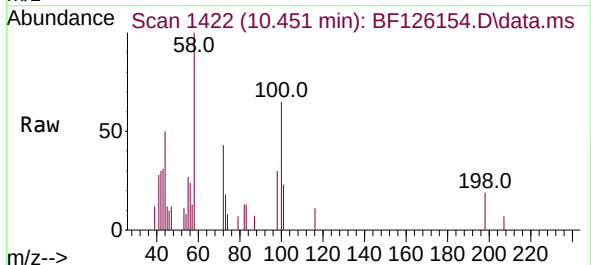
Instrument :
BNA_F
ClientSampleId :
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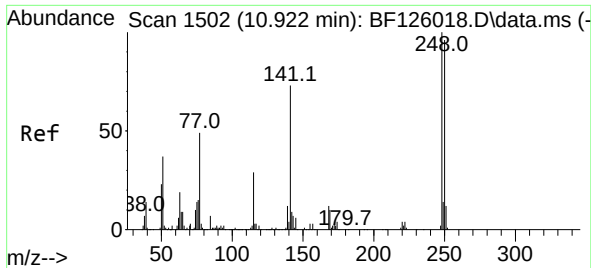
Tgt Ion:188 Resp: 524896
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 8.6 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 8.540 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.035 min
Lab File: BF126154.D
Acq: 12 Nov 2021 13:43

Tgt Ion:198 Resp: 682
Ion Ratio Lower Upper
198 100
51 0.0 45.3 85.3#
105 0.0 30.6 70.6#

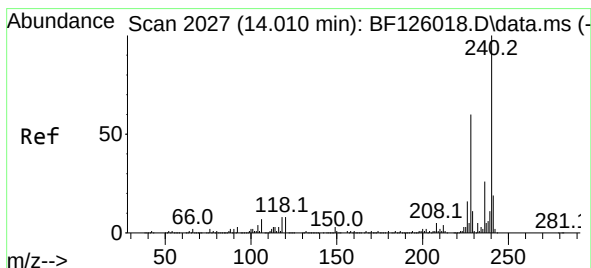
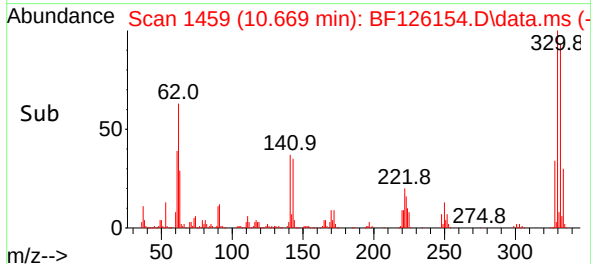
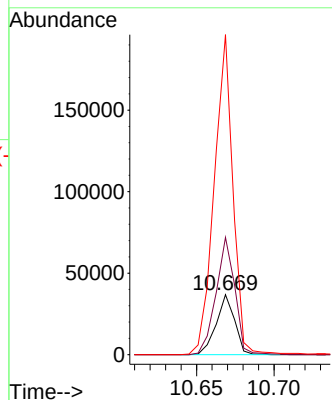
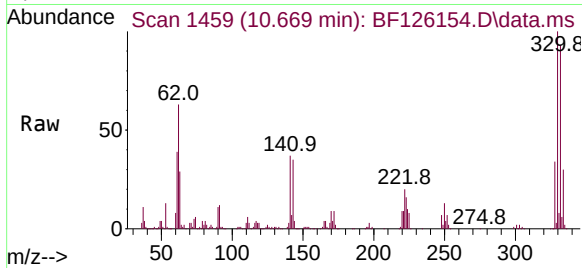




#67
4-Bromophenyl-phenylether
Concen: 4.803 ng
RT: 10.669 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF126154.D
Acq: 12 Nov 2021 13:43

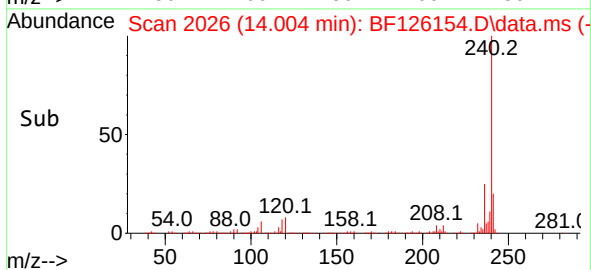
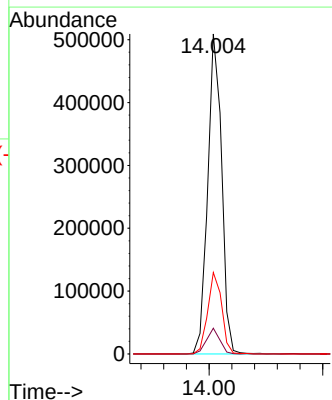
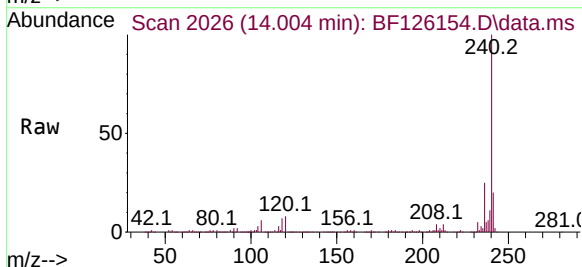
Instrument :
BNA_F
ClientSampleId :
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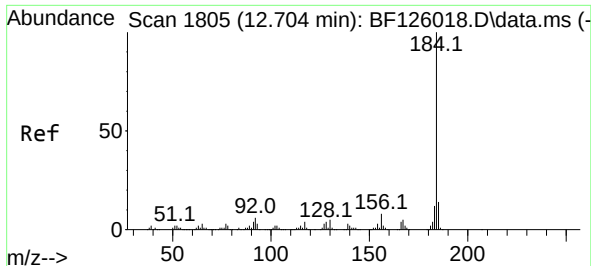
Tgt Ion:248 Resp: 30535
Ion Ratio Lower Upper
248 100
250 195.4 74.2 111.4#
141 532.9 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF126154.D
Acq: 12 Nov 2021 13:43

Tgt Ion:240 Resp: 432087
Ion Ratio Lower Upper
240 100
120 8.1 10.8 16.2#
236 25.4 21.6 32.4

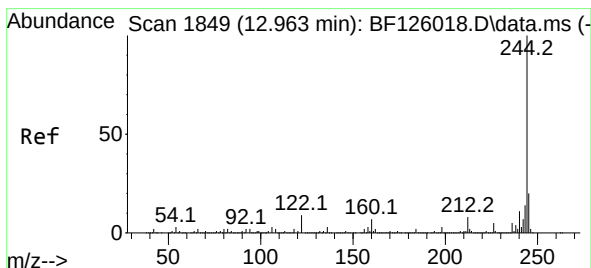
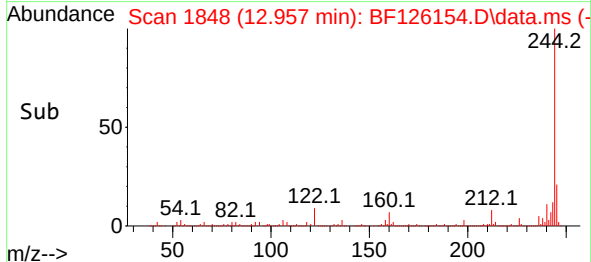
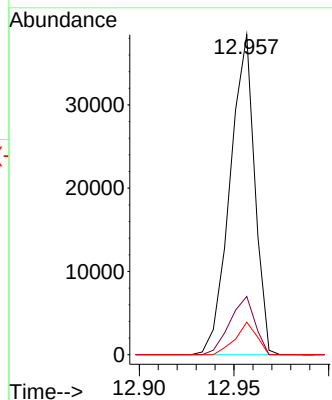
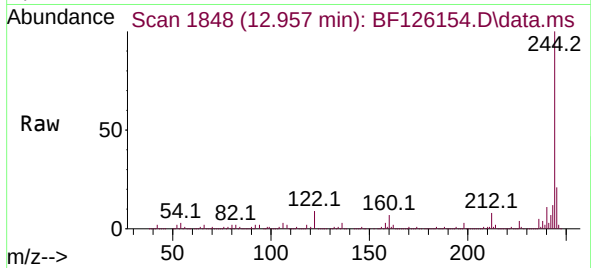




#77
Benzidine
Concen: 2.409 ng
RT: 12.957 min Scan# 1848
Delta R.T. 0.253 min
Lab File: BF126154.D
Acq: 12 Nov 2021 13:43

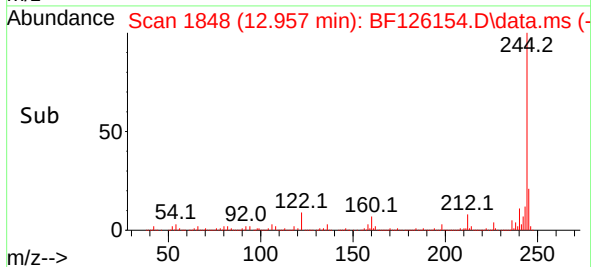
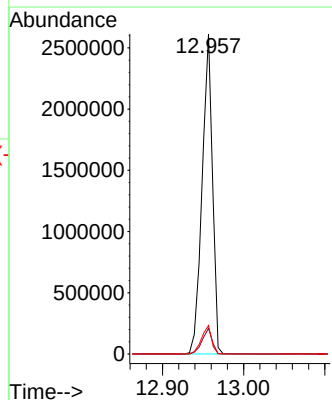
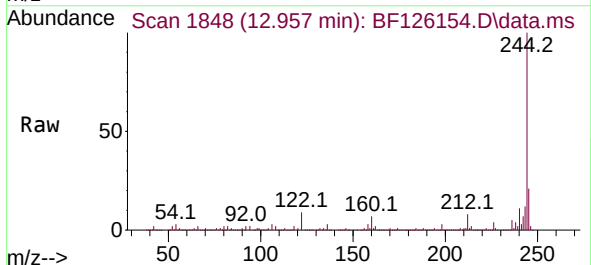
Instrument :
BNA_F
ClientSampleId :
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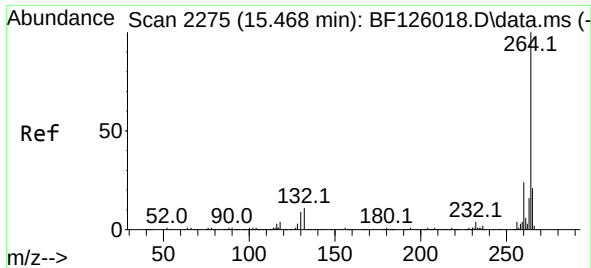
Tgt Ion:184 Resp: 34798
Ion Ratio Lower Upper
184 100
185 18.2 10.8 16.2#
183 10.1 8.1 12.1



#79
Terphenyl-d14
Concen: 86.555 ng
RT: 12.957 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BF126154.D
Acq: 12 Nov 2021 13:43

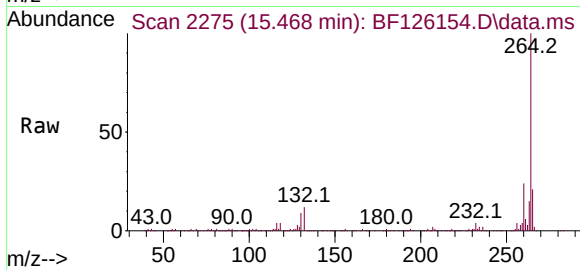
Tgt Ion:244 Resp: 2319257
Ion Ratio Lower Upper
244 100
212 8.0 5.9 8.9
122 8.9 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF126154.D
Acq: 12 Nov 2021 13:43

Instrument :
BNA_F
ClientSampleId :
5



Tgt Ion:264 Resp: 314111
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 21.2 17.2 25.8

