

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013122\
 Data File : BF126760.D
 Acq On : 31 Jan 2022 19:21
 Operator : CG/JU
 Sample : N1335-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-4D

Quant Time: Feb 01 02:42:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 27 03:09:40 2022
 Response via : Initial Calibration

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

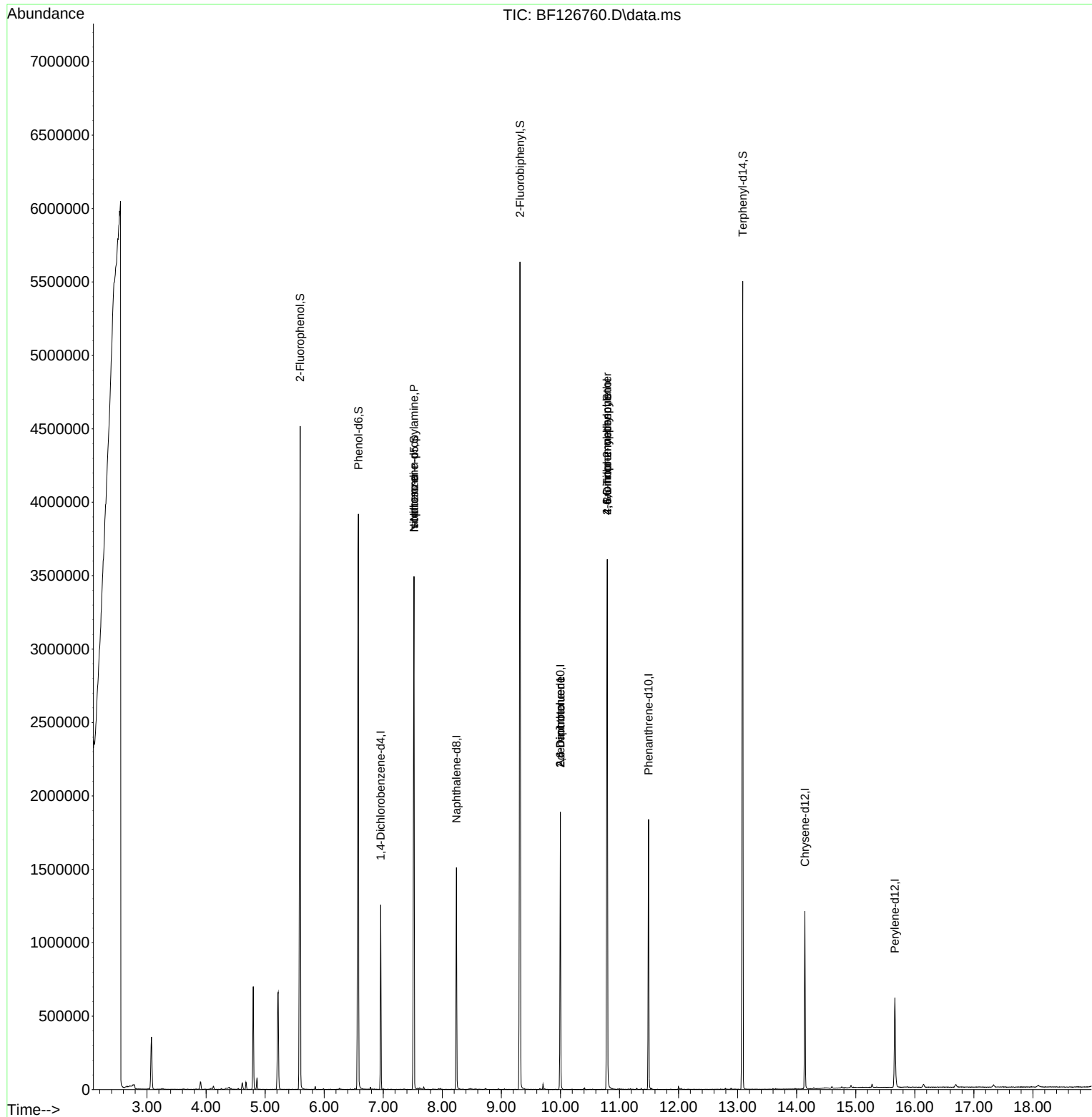
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	150769	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	608167	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	341389	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	588509	20.000	ng	0.00
76) Chrysene-d12	14.139	240	379365	20.000	ng	# 0.00
86) Perylene-d12	15.662	264	284163	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	1320235	115.229	ng	0.02
7) Phenol-d6	6.581	99	1652417	103.803	ng	0.00
23) Nitrobenzene-d5	7.522	82	1398572	90.011	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	443431	138.795	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1754604	78.713	ng	0.00
79) Terphenyl-d14	13.086	244	2045953	90.456	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.510	77	845	Below Cal		88
19) n-Nitroso-di-n-propyla...	7.522	70	186213	16.028	ng	# 69
25) Isophorone	7.522	82	1391480	46.178	ng	# 69
51) 2,6-Dinitrotoluene	9.998	165	45034	10.763	ng	# 21
57) 2,4-Dinitrotoluene	9.998	165	45034	8.882	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.792	198	899	7.642	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	27652	4.077	ng	# 1

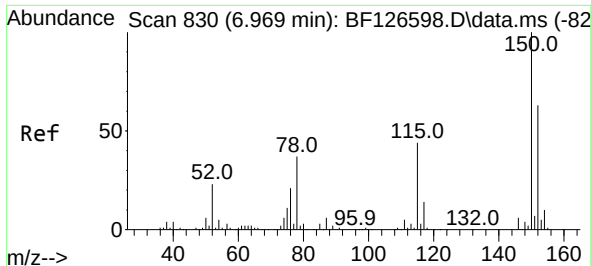
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013122\
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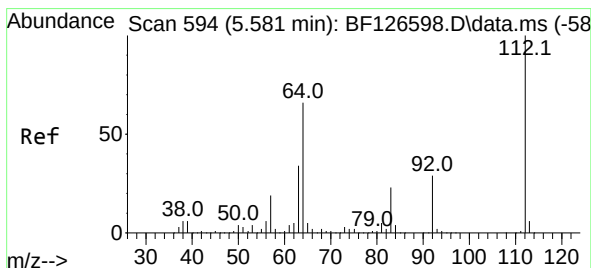
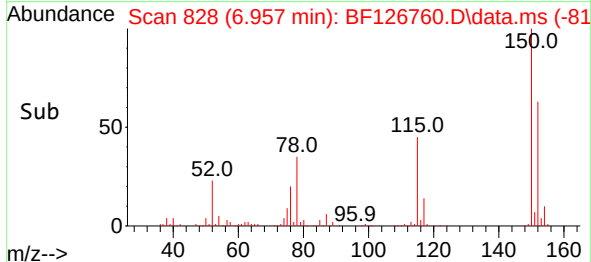
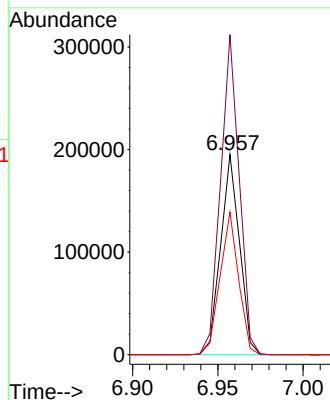
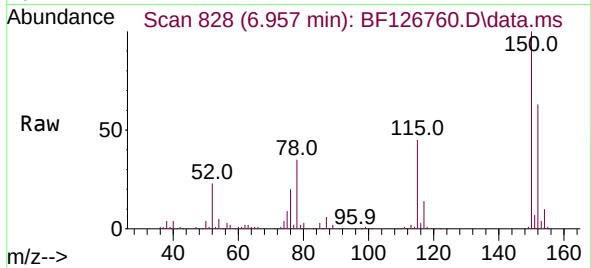




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126760.D
Acq: 31 Jan 2022 19:21

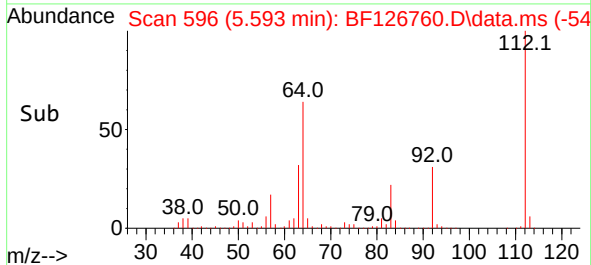
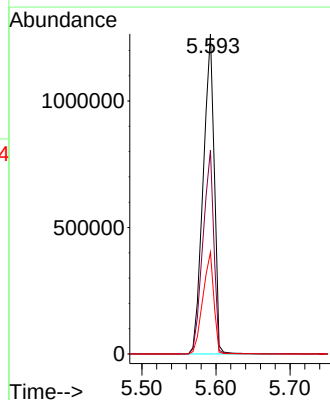
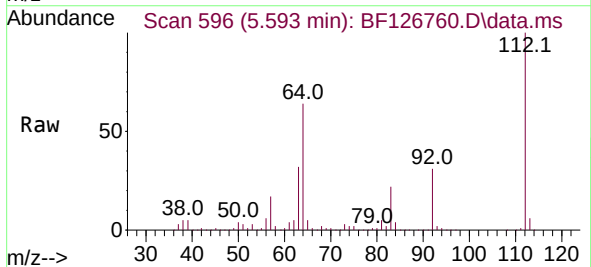
Instrument :
BNA_F
ClientSampleId :
MH-4D

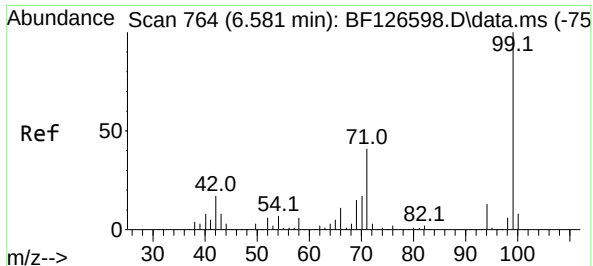
Tgt Ion:152 Resp: 150769
Ion Ratio Lower Upper
152 100
150 159.8 128.1 192.1
115 71.3 56.7 85.1



#5
2-Fluorophenol
Concen: 115.229 ng
RT: 5.593 min Scan# 596
Delta R.T. 0.024 min
Lab File: BF126760.D
Acq: 31 Jan 2022 19:21

Tgt Ion:112 Resp: 1320235
Ion Ratio Lower Upper
112 100
64 63.7 49.5 74.3
63 31.8 23.9 35.9

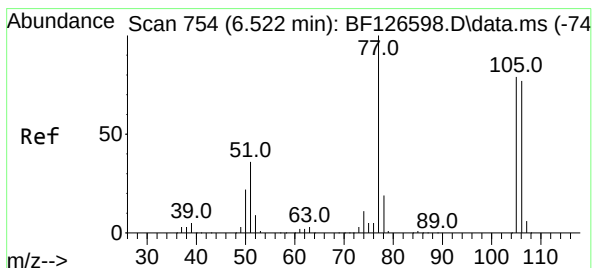
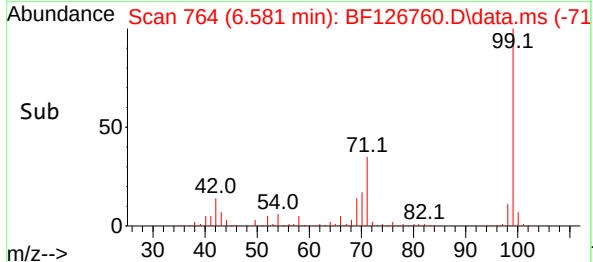
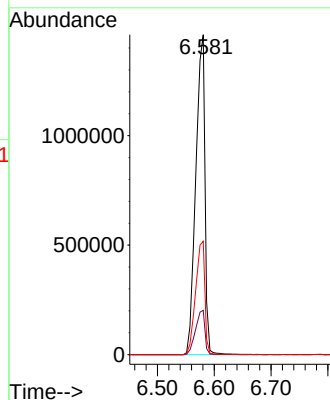
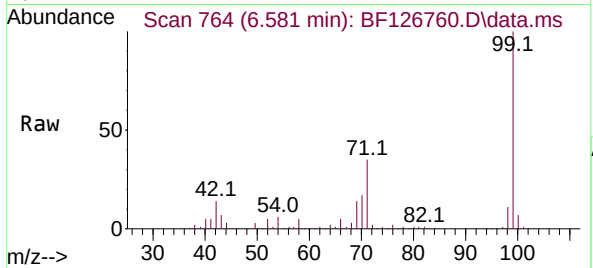




#7
Phenol-d6
Concen: 103.803 ng
RT: 6.581 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF126760.D
Acq: 31 Jan 2022 19:21

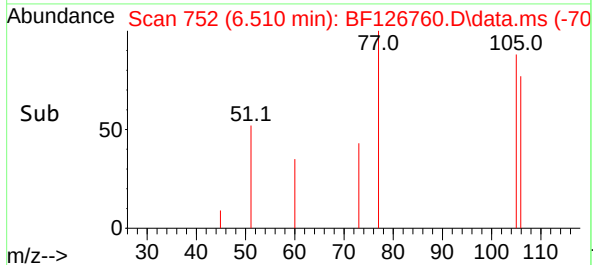
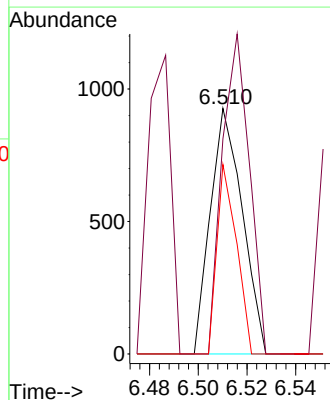
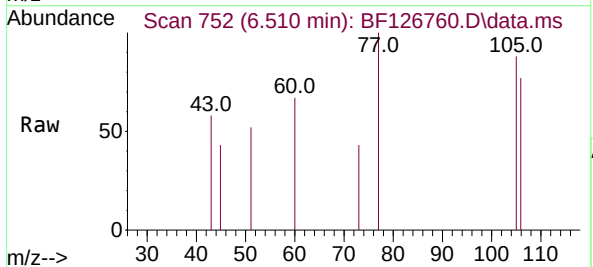
Instrument :
BNA_F
ClientSampleId :
MH-4D

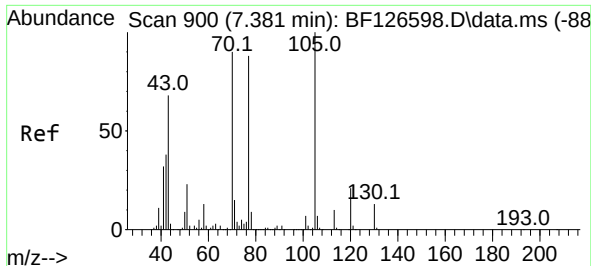
Tgt Ion: 99 Resp: 1652417
Ion Ratio Lower Upper
99 100
42 13.9 14.2 21.4#
71 35.5 24.3 36.5



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF126760.D
Acq: 31 Jan 2022 19:21

Tgt Ion: 77 Resp: 845
Ion Ratio Lower Upper
77 100
105 87.6 74.9 114.9
106 77.1 72.4 112.4

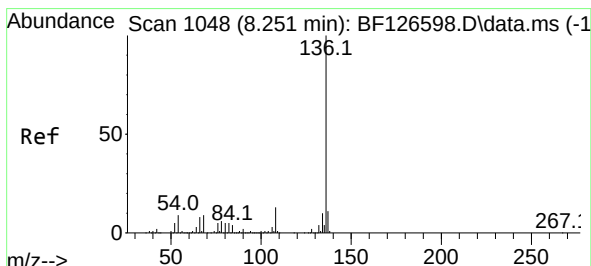
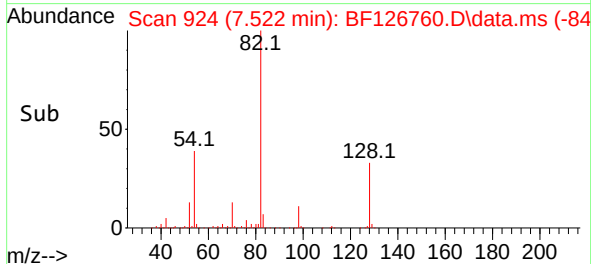
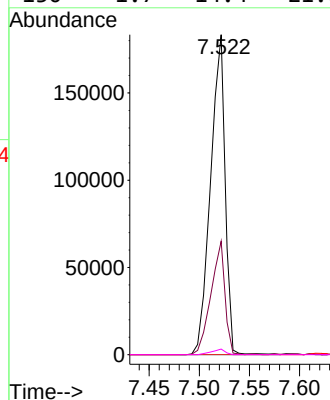
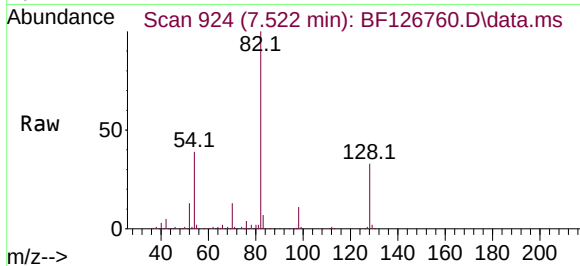




#19
n-Nitroso-di-n-propylamine
Concen: 16.028 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.153 min
Lab File: BF126760.D
Acq: 31 Jan 2022 19:21

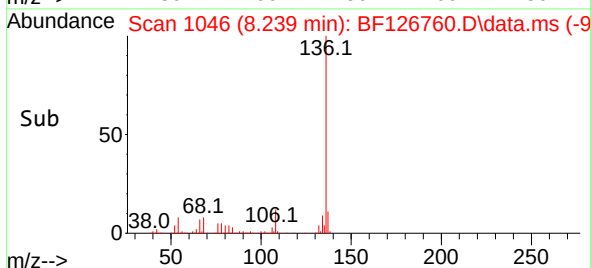
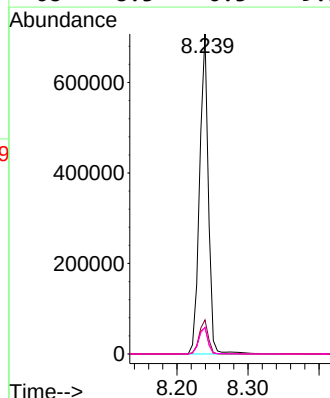
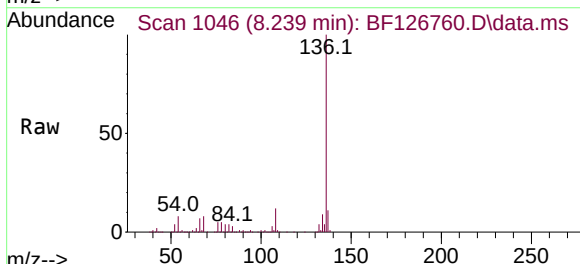
Instrument :
BNA_F
ClientSampleId :
MH-4D

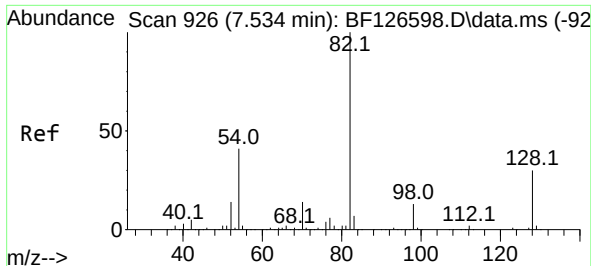
Tgt Ion: 70 Resp: 186213
Ion Ratio Lower Upper
70 100
42 35.5 45.8 68.8#
101 0.0 6.9 10.3#
130 1.7 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF126760.D
Acq: 31 Jan 2022 19:21

Tgt Ion: 136 Resp: 608167
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.2 7.8 11.6
68 8.3 6.3 9.5

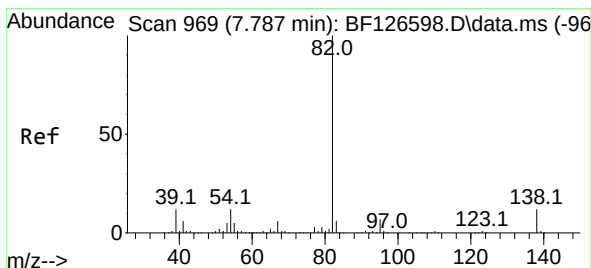
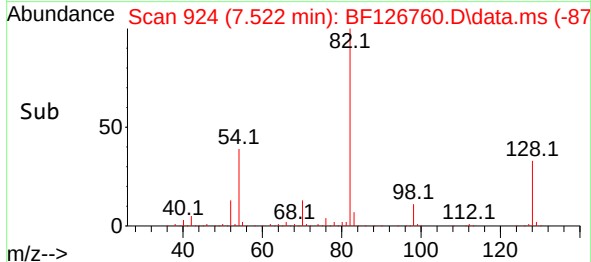
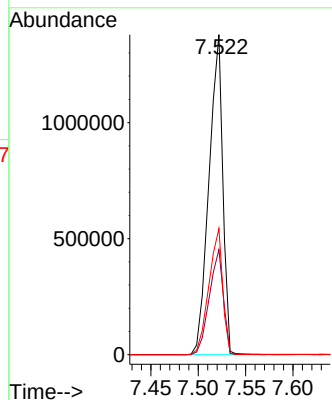
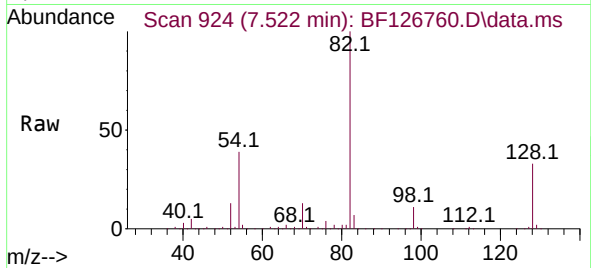




#23
Nitrobenzene-d5
Concen: 90.011 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF126760.D
Acq: 31 Jan 2022 19:21

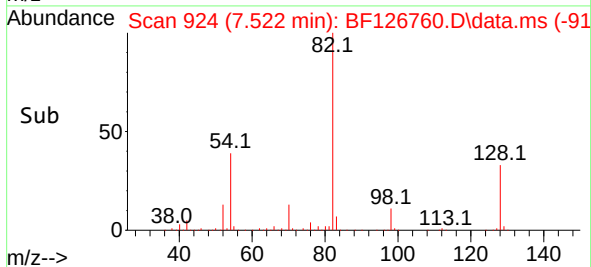
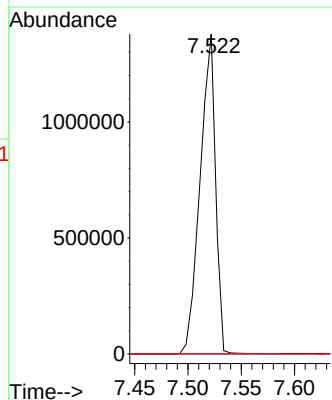
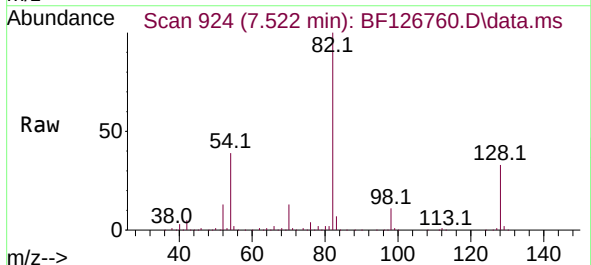
Instrument :
BNA_F
ClientSampleId :
MH-4D

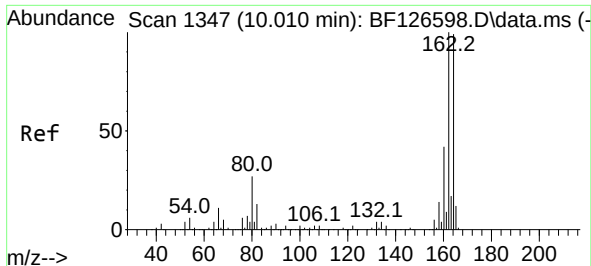
Tgt Ion: 82 Resp: 1398572
Ion Ratio Lower Upper
82 100
128 32.9 32.7 49.1
54 39.5 41.7 62.5#



#25
Isophorone
Concen: 46.178 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.259 min
Lab File: BF126760.D
Acq: 31 Jan 2022 19:21

Tgt Ion: 82 Resp: 1391480
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

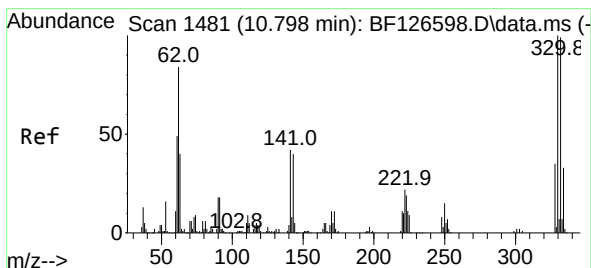
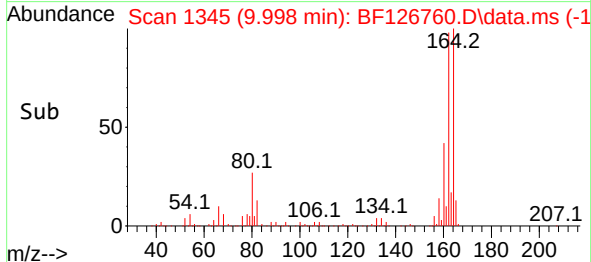
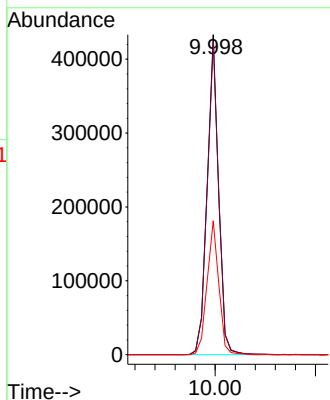
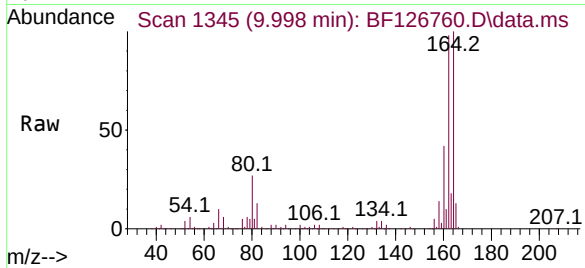




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF126760.D
Acq: 31 Jan 2022 19:21

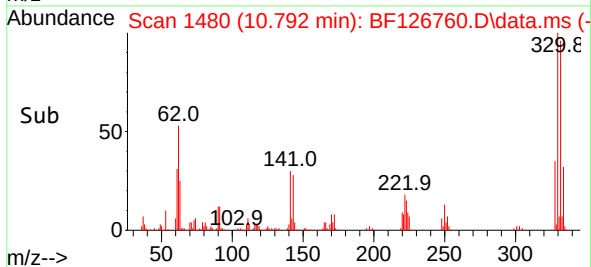
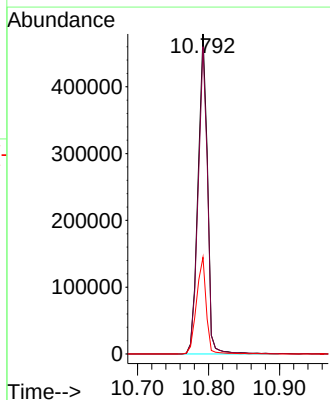
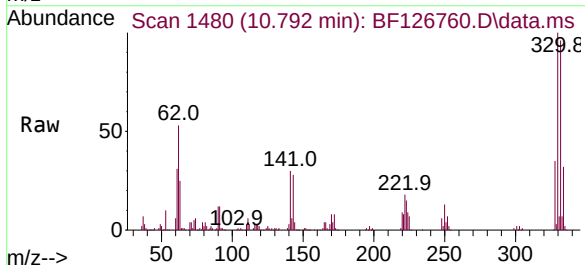
Instrument :
BNA_F
ClientSampleId :
MH-4D

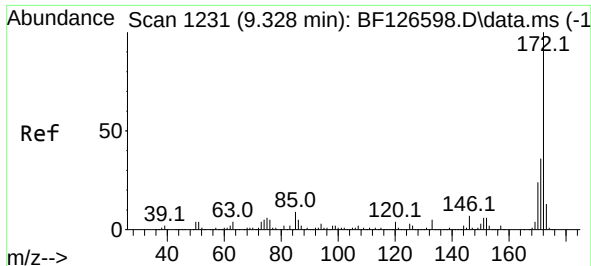
Tgt Ion:164 Resp: 341389
Ion Ratio Lower Upper
164 100
162 97.8 81.4 122.0
160 41.9 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 138.795 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.000 min
Lab File: BF126760.D
Acq: 31 Jan 2022 19:21

Tgt Ion:330 Resp: 443431
Ion Ratio Lower Upper
330 100
332 95.4 76.0 114.0
141 31.2 30.1 45.1

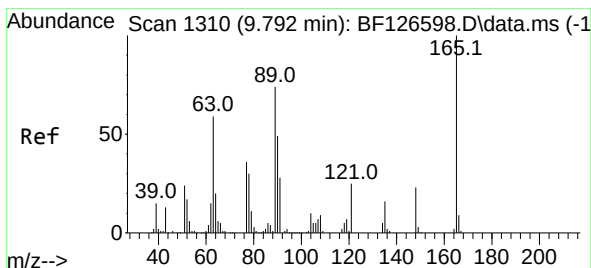
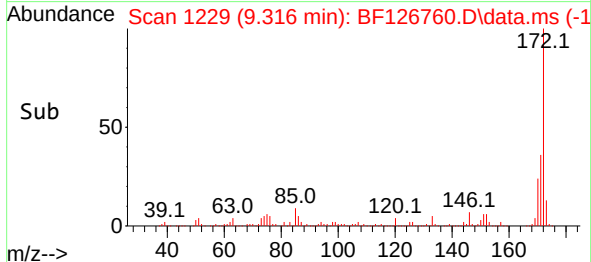
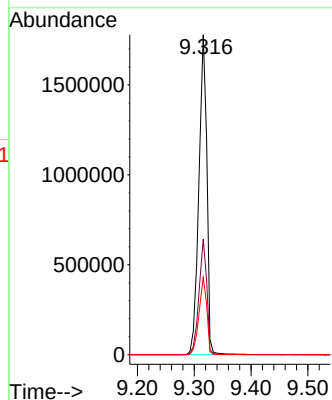
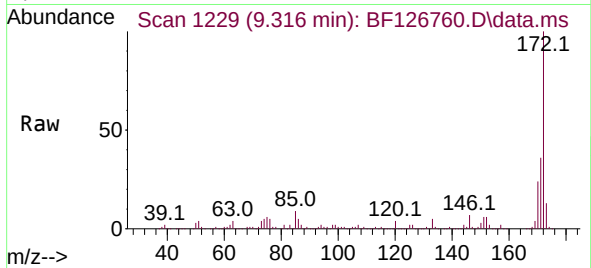




#45
2-Fluorobiphenyl
Concen: 78.713 ng
RT: 9.316 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126760.D
Acq: 31 Jan 2022 19:21

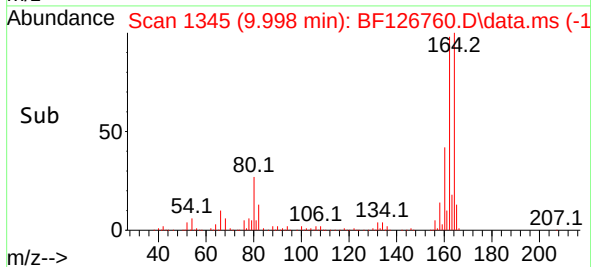
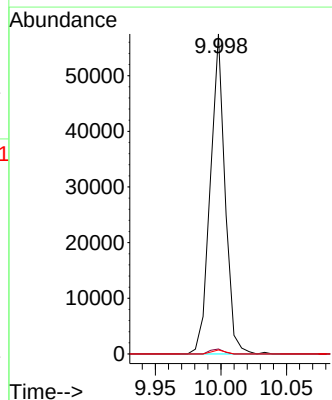
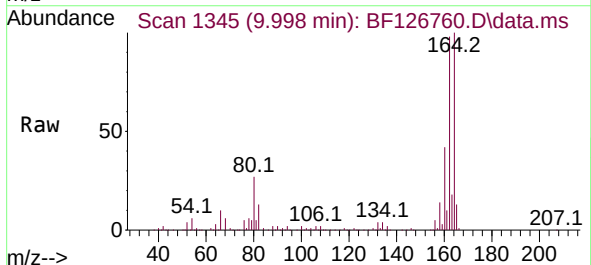
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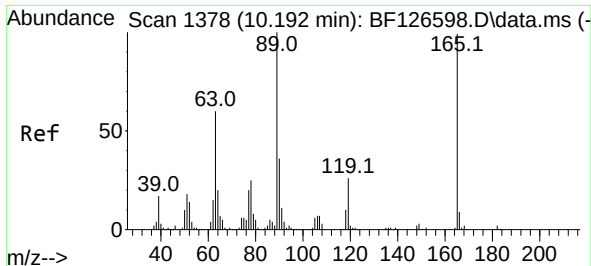
Tgt Ion:172 Resp: 1754604
Ion Ratio Lower Upper
172 100
171 36.1 28.3 42.5
170 24.1 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 10.763 ng
RT: 9.998 min Scan# 1345
Delta R.T. 0.218 min
Lab File: BF126760.D
Acq: 31 Jan 2022 19:21

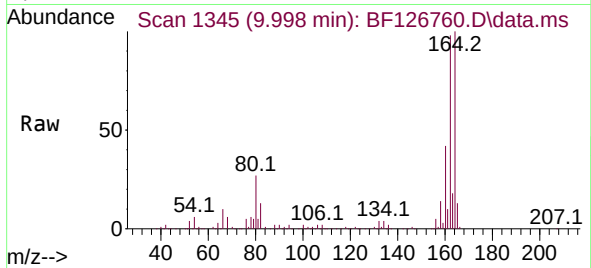
Tgt Ion:165 Resp: 45034
Ion Ratio Lower Upper
165 100
63 1.6 48.4 72.6#
89 1.3 50.5 75.7#



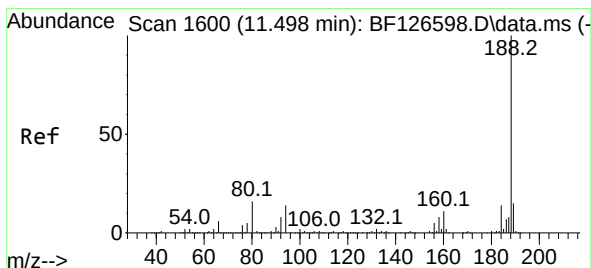
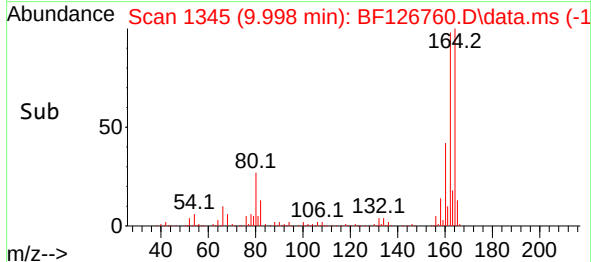
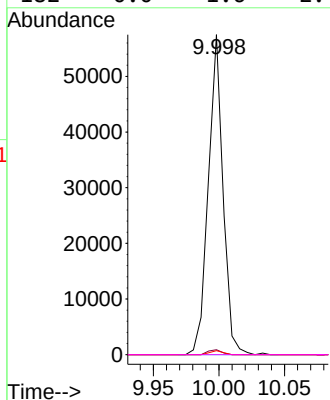


#57
2,4-Dinitrotoluene
Concen: 8.882 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126760.D
Acq: 31 Jan 2022 19:21

Instrument :
BNA_F
ClientSampleId :
MH-4D

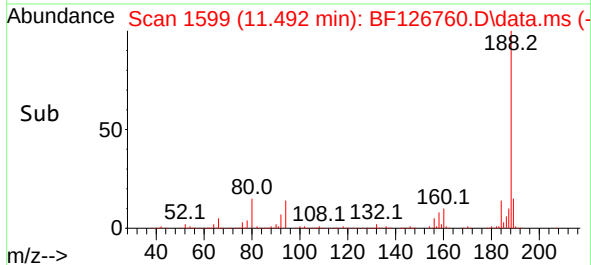
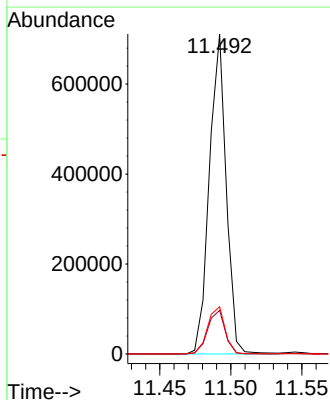
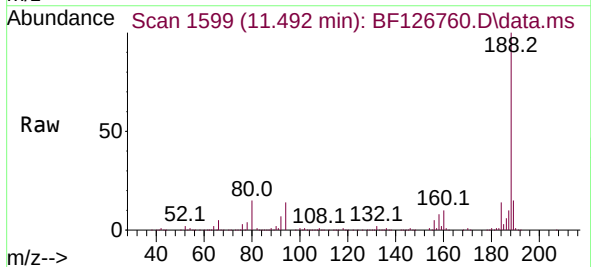


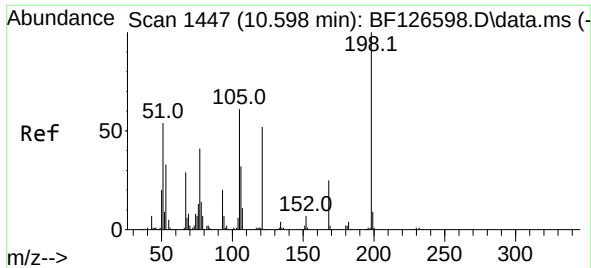
Tgt Ion:165 Resp: 45034
Ion Ratio Lower Upper
165 100
63 1.6 43.0 64.6#
89 1.3 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BF126760.D
Acq: 31 Jan 2022 19:21

Tgt Ion:188 Resp: 588509
Ion Ratio Lower Upper
188 100
94 13.6 10.1 15.1
80 14.7 11.8 17.6

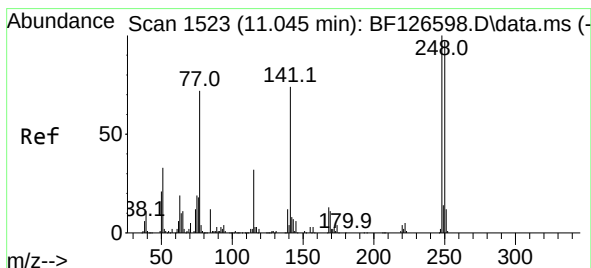
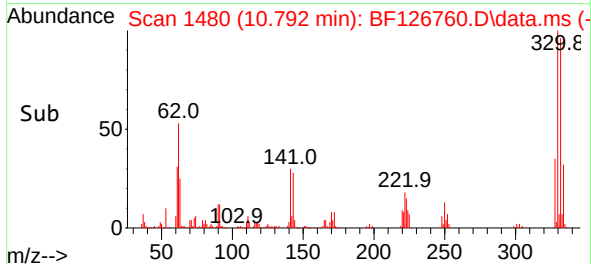
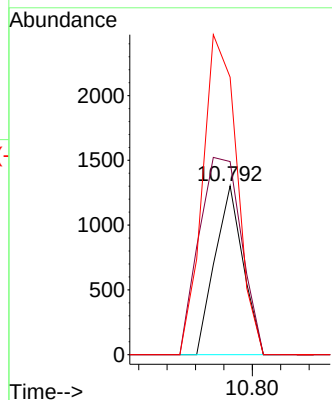
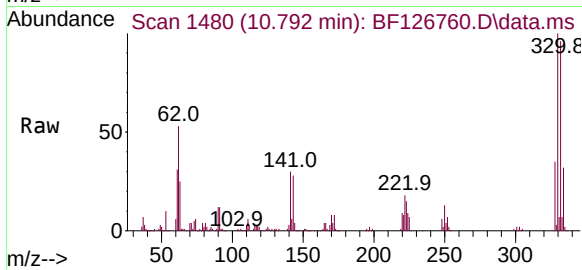




#65
4,6-Dinitro-2-methylphenol
Concen: 7.642 ng
RT: 10.792 min Scan# 1447
Delta R.T. 0.200 min
Lab File: BF126760.D
Acq: 31 Jan 2022 19:21

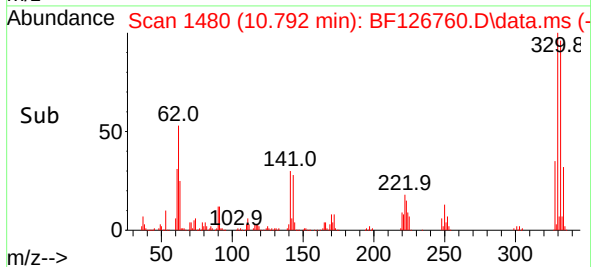
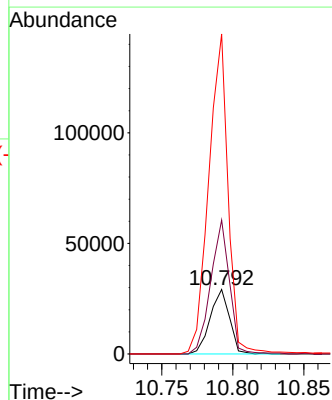
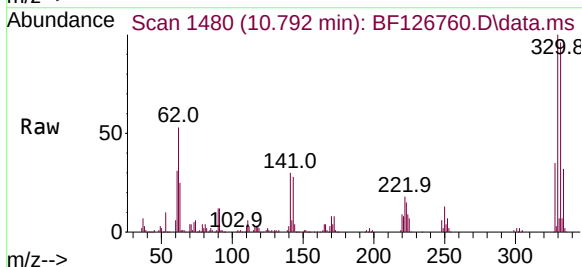
Instrument :
BNA_F
ClientSampleId :
MH-4D

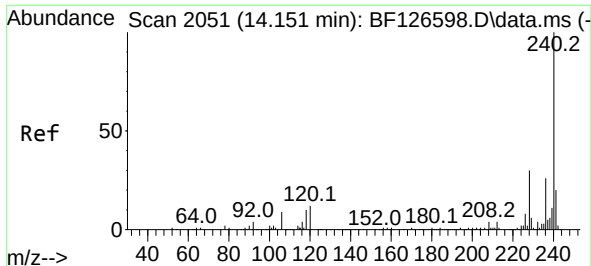
Tgt Ion:198 Resp: 899
Ion Ratio Lower Upper
198 100
51 114.4 32.0 72.0#
105 164.4 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 4.077 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.241 min
Lab File: BF126760.D
Acq: 31 Jan 2022 19:21

Tgt Ion:248 Resp: 27652
Ion Ratio Lower Upper
248 100
250 207.5 76.2 114.4#
141 495.7 66.2 99.4#

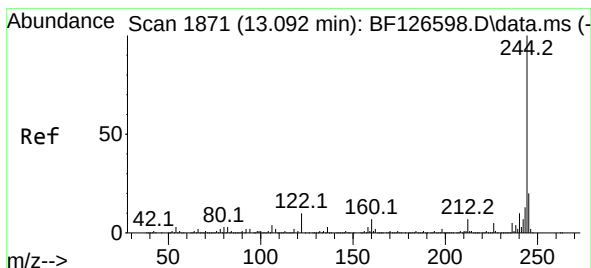
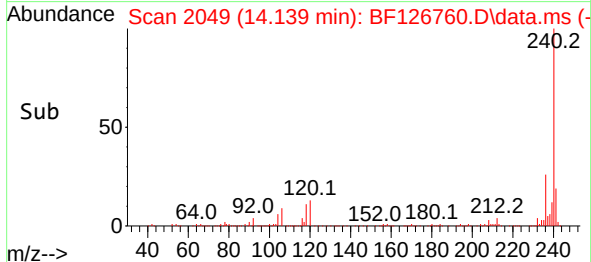
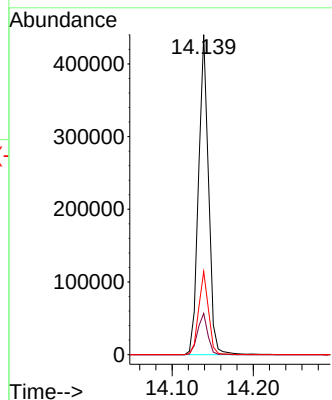
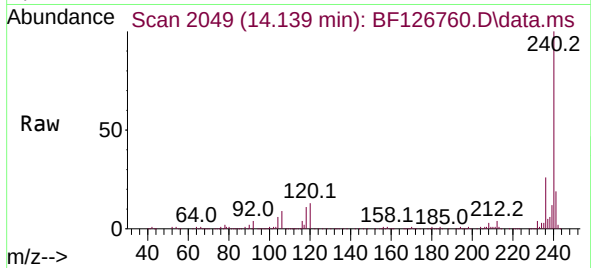




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BF126760.D
Acq: 31 Jan 2022 19:21

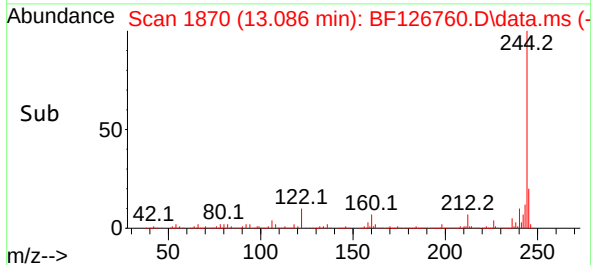
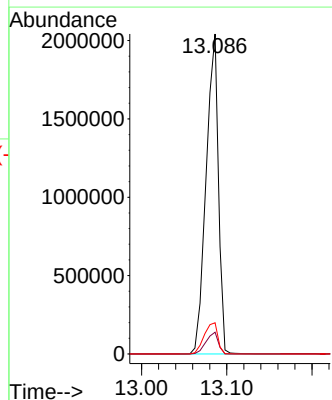
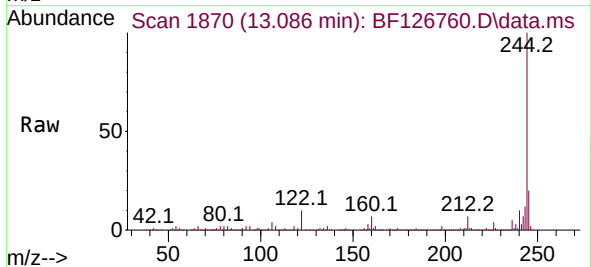
Instrument :
BNA_F
ClientSampleId :
MH-4D

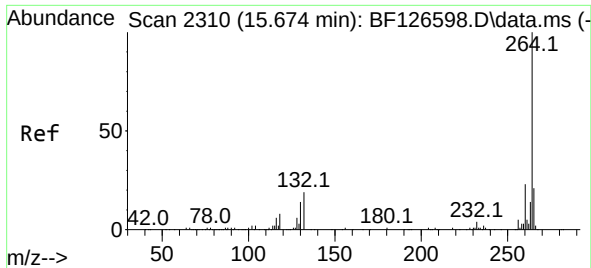
Tgt Ion:240 Resp: 379365
Ion Ratio Lower Upper
240 100
120 12.9 14.4 21.6#
236 26.0 20.5 30.7



#79
Terphenyl-d14
Concen: 90.456 ng
RT: 13.086 min Scan# 1870
Delta R.T. 0.006 min
Lab File: BF126760.D
Acq: 31 Jan 2022 19:21

Tgt Ion:244 Resp: 2045953
Ion Ratio Lower Upper
244 100
212 6.8 5.0 7.4
122 9.7 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.662 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF126760.D
Acq: 31 Jan 2022 19:21

Instrument :
BNA_F
ClientSampleId :
MH-4D

Tgt Ion:264 Resp: 284163
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 20.7 17.4 26.2

