

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012622\
 Data File : BF126691.D
 Acq On : 26 Jan 2022 17:24
 Operator : CG/JU
 Sample : N1263-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D2-E2B

Quant Time: Jan 27 03:13:51 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)

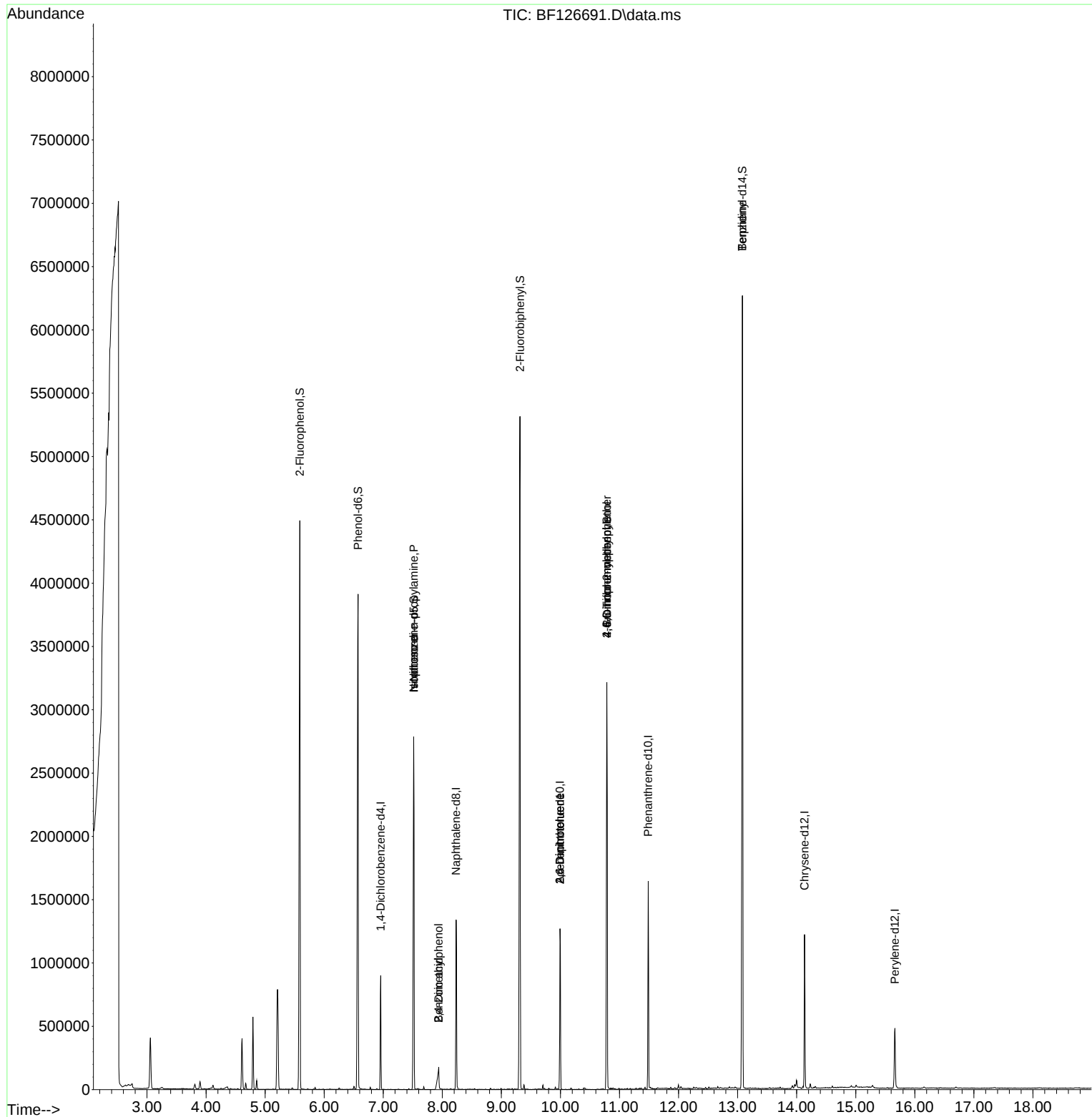
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	111371	20.000	ng	0.00
21) Naphthalene-d8	8.233	136	547588	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	248982	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	504057	20.000	ng	0.00
76) Chrysene-d12	14.133	240	362479	20.000	ng	-0.01
86) Perylene-d12	15.662	264	215251	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1247343	147.379	ng	0.02
7) Phenol-d6	6.575	99	1541993	131.133	ng	0.00
23) Nitrobenzene-d5	7.516	82	1139244	81.432	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	372954	160.060	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1726233	106.181	ng	0.00
79) Terphenyl-d14	13.080	244	2278481	105.430	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.510	77	713	Below Cal	#	53
19) n-Nitroso-di-n-propyla...	7.516	70	155317	18.097	ng	# 69
25) Isophorone	7.516	82	1139231	41.989	ng	# 69
27) 2,4-Dimethylphenol	7.939	122	56827	6.356	ng	# 5
32) Benzoic acid	7.939	122	56827	11.205	ng	# 66
51) 2,6-Dinitrotoluene	9.992	165	32331	10.595	ng	# 22
57) 2,4-Dinitrotoluene	9.992	165	32331	8.743	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.786	198	814	7.658	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	23947	4.122	ng	# 1
77) Benzidine	13.080	184	28414	2.272	ng	99

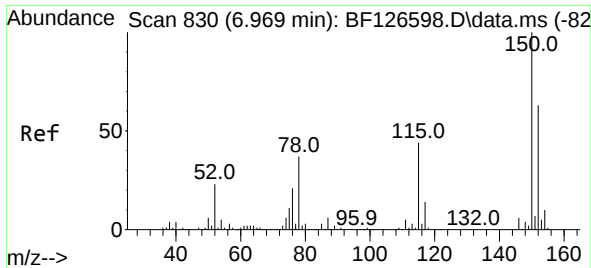
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012622\
Data File : BF126691.D
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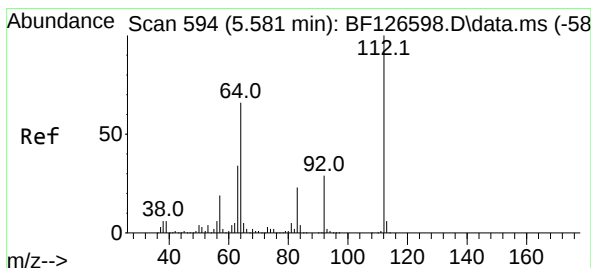
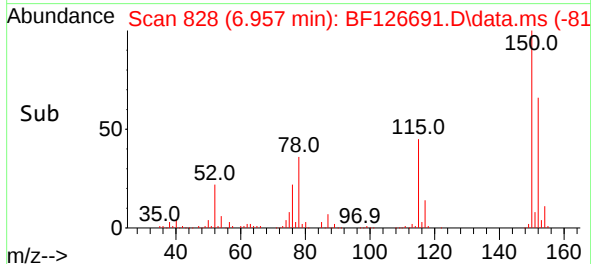
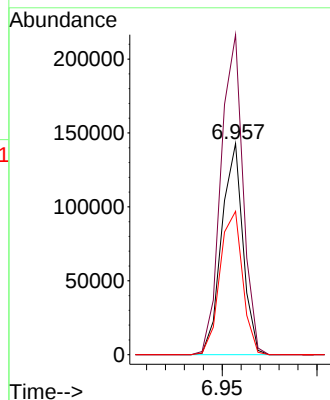
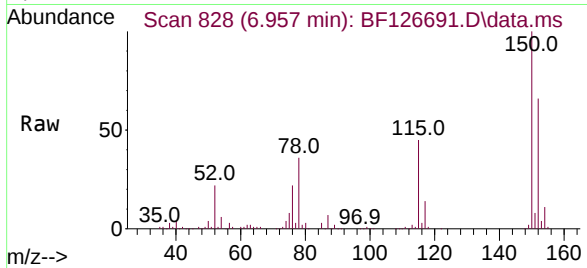




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126691.D
Acq: 26 Jan 2022 17:24

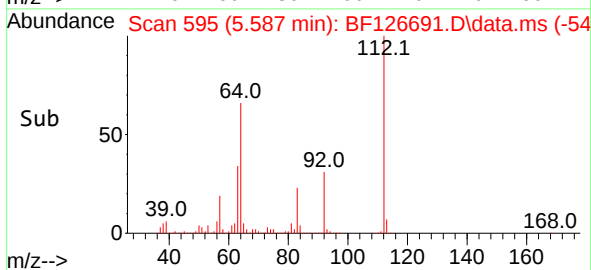
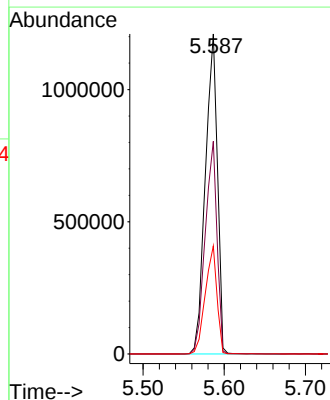
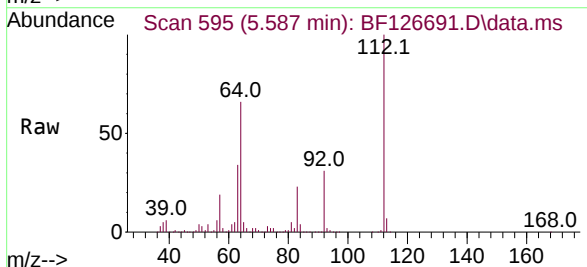
Instrument :
BNA_F
ClientSampleId :
D2-E2B

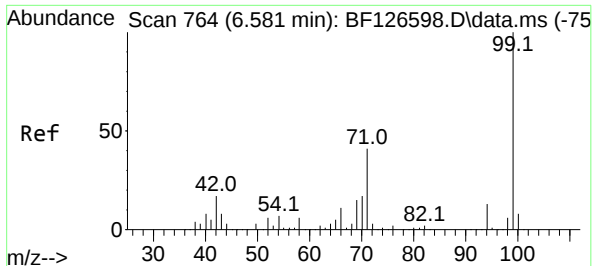
Tgt Ion:152 Resp: 111371
Ion Ratio Lower Upper
152 100
150 151.5 128.1 192.1
115 67.9 56.7 85.1



#5
2-Fluorophenol
Concen: 147.379 ng
RT: 5.587 min Scan# 595
Delta R.T. 0.018 min
Lab File: BF126691.D
Acq: 26 Jan 2022 17:24

Tgt Ion:112 Resp: 1247343
Ion Ratio Lower Upper
112 100
64 66.5 49.5 74.3
63 33.7 23.9 35.9

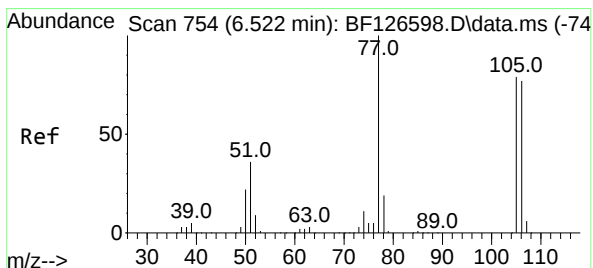
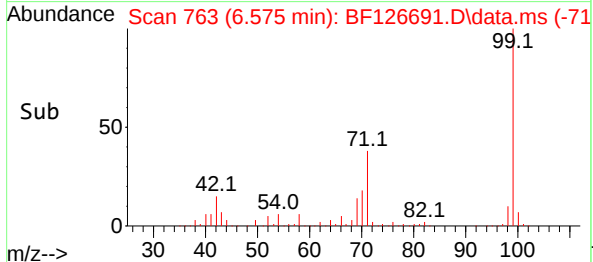
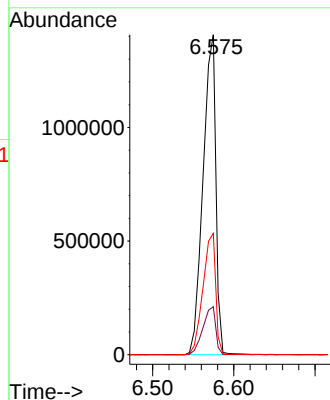
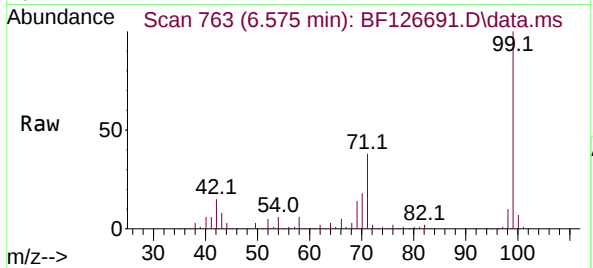




#7
Phenol-d6
Concen: 131.133 ng
RT: 6.575 min Scan# 763
Delta R.T. -0.000 min
Lab File: BF126691.D
Acq: 26 Jan 2022 17:24

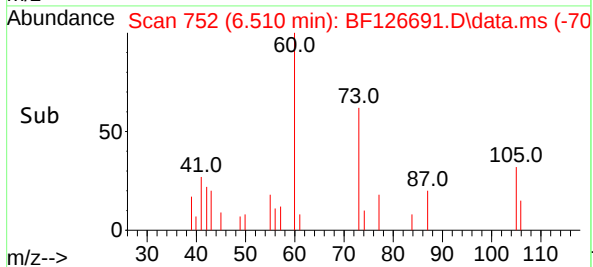
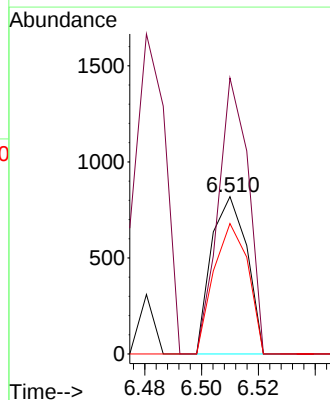
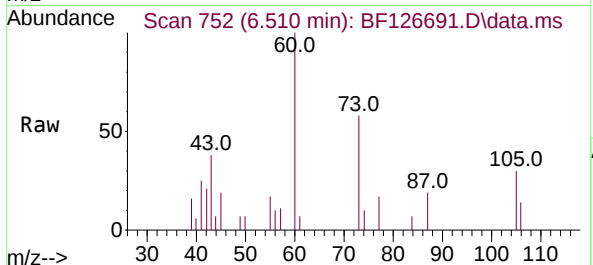
Instrument :
BNA_F
ClientSampleId :
D2-E2B

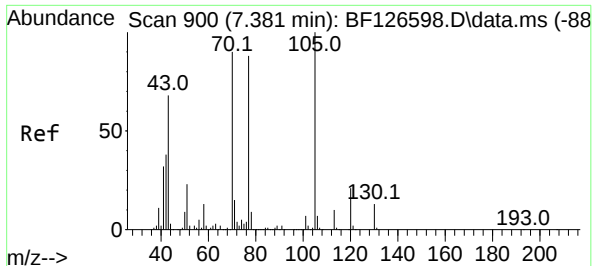
Tgt Ion: 99 Resp: 1541993
Ion Ratio Lower Upper
99 100
42 15.0 14.2 21.4
71 37.9 24.3 36.5#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF126691.D
Acq: 26 Jan 2022 17:24

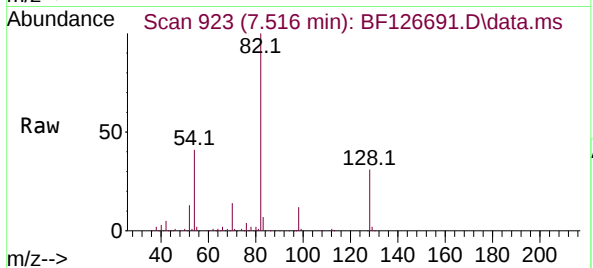
Tgt Ion: 77 Resp: 713
Ion Ratio Lower Upper
77 100
105 175.5 74.9 114.9#
106 82.9 72.4 112.4



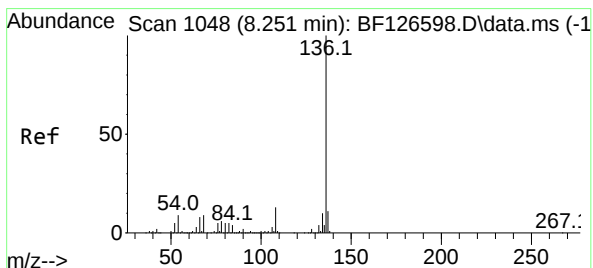
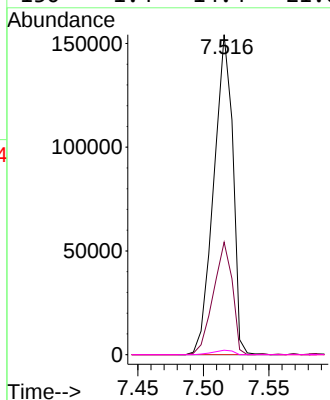
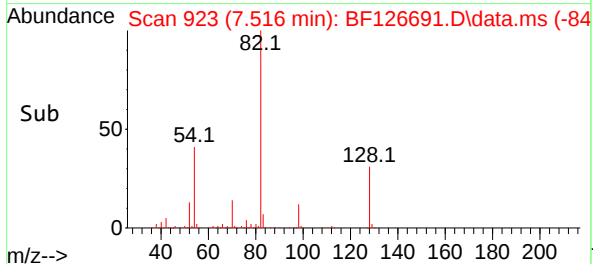


#19
n-Nitroso-di-n-propylamine
Concen: 18.097 ng
RT: 7.516 min Scan# 91
Delta R.T. 0.147 min
Lab File: BF126691.D
Acq: 26 Jan 2022 17:24

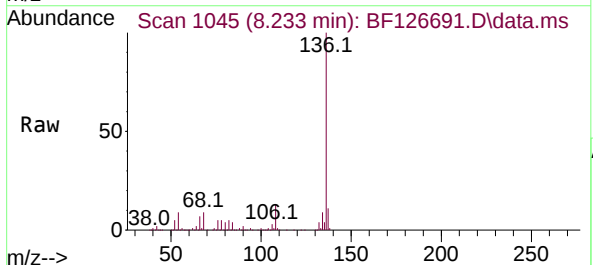
Instrument :
BNA_F
ClientSampleId :
D2-E2B



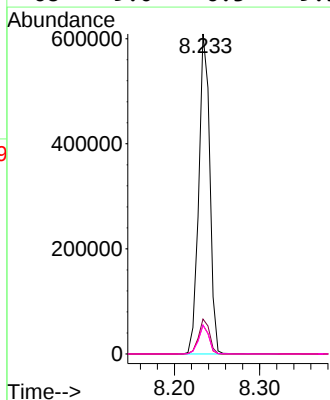
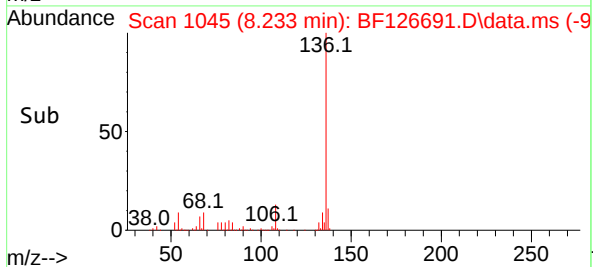
Tgt Ion: 70 Resp: 155317
Ion Ratio Lower Upper
70 100
42 35.1 45.8 68.8#
101 0.0 6.9 10.3#
130 1.4 14.4 21.6#

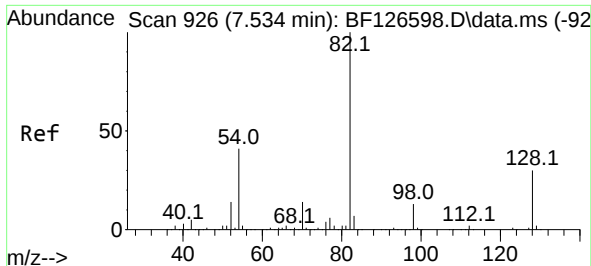


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF126691.D
Acq: 26 Jan 2022 17:24



Tgt Ion: 136 Resp: 547588
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.0 7.8 11.6
68 9.0 6.3 9.5

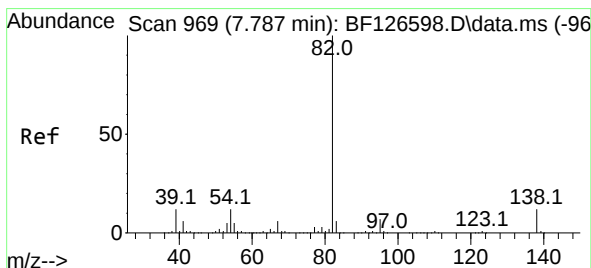
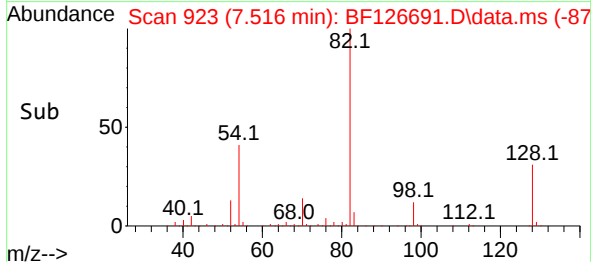
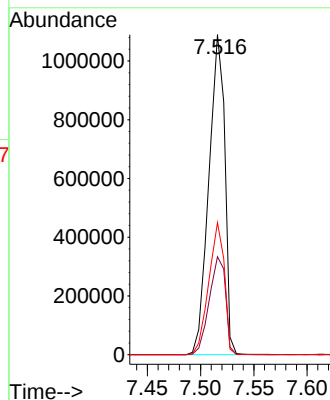
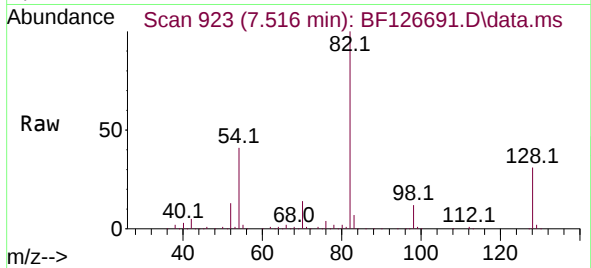




#23
Nitrobenzene-d5
Concen: 81.432 ng
RT: 7.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126691.D
Acq: 26 Jan 2022 17:24

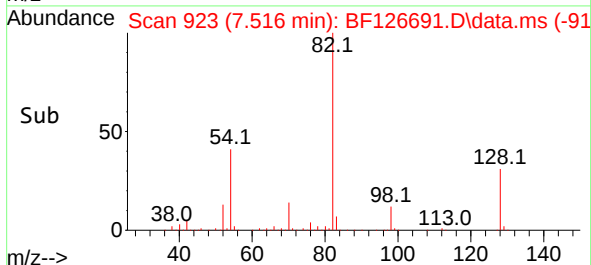
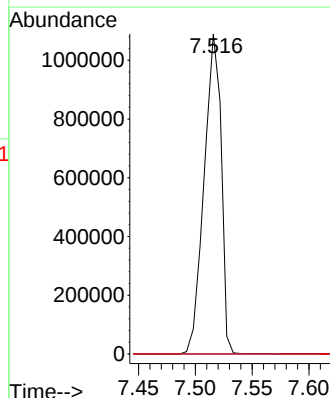
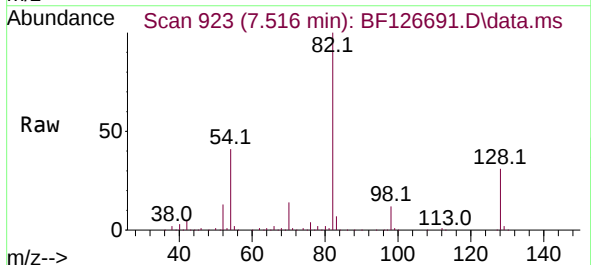
Instrument :
BNA_F
ClientSampleId :
D2-E2B

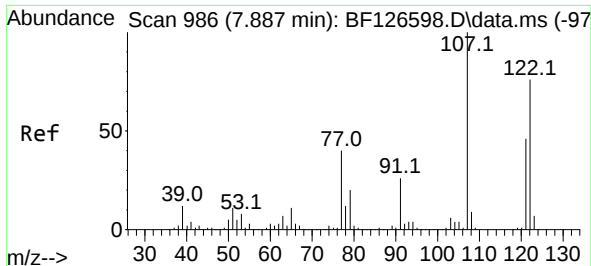
Tgt Ion: 82 Resp: 1139244
Ion Ratio Lower Upper
82 100
128 30.6 32.7 49.1#
54 41.3 41.7 62.5#



#25
Isophorone
Concen: 41.989 ng
RT: 7.516 min Scan# 923
Delta R.T. -0.265 min
Lab File: BF126691.D
Acq: 26 Jan 2022 17:24

Tgt Ion: 82 Resp: 1139231
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#





#27

2,4-Dimethylphenol

Concen: 6.356 ng

RT: 7.939 min Scan# 995

Delta R.T. 0.059 min

Lab File: BF126691.D

Acq: 26 Jan 2022 17:24

Instrument :

BNA_F

ClientSampleId :

D2-E2B

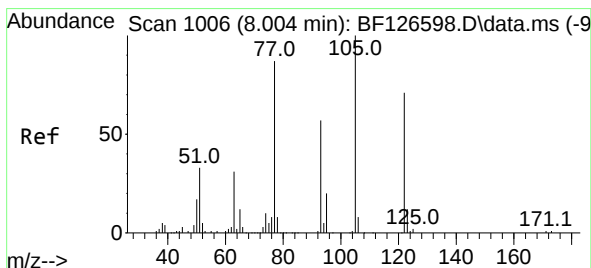
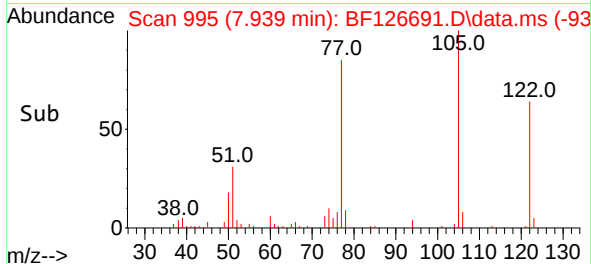
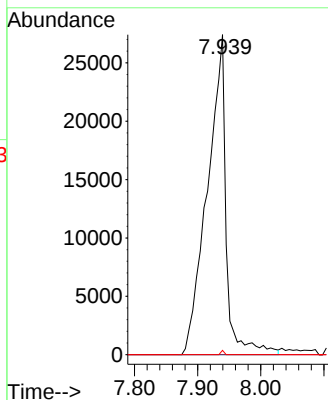
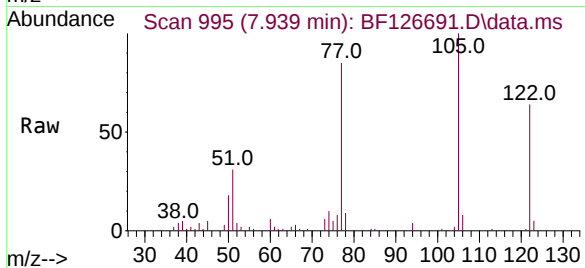
Tgt Ion:122 Resp: 56827

Ion Ratio Lower Upper

122 100

107 0.0 91.2 136.8#

121 1.4 44.4 66.6#



#32

Benzoic acid

Concen: 11.205 ng

RT: 7.939 min Scan# 995

Delta R.T. -0.053 min

Lab File: BF126691.D

Acq: 26 Jan 2022 17:24

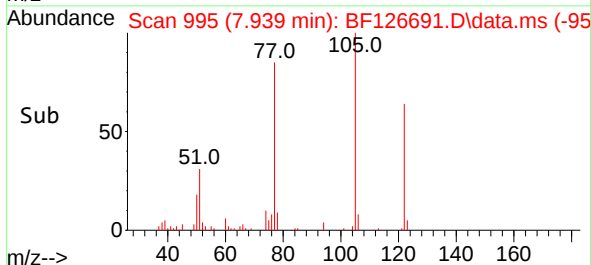
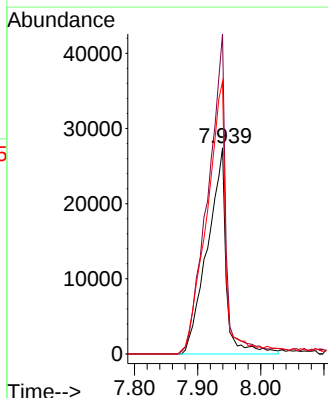
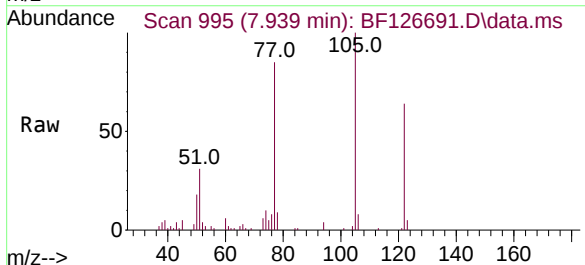
Tgt Ion:122 Resp: 56827

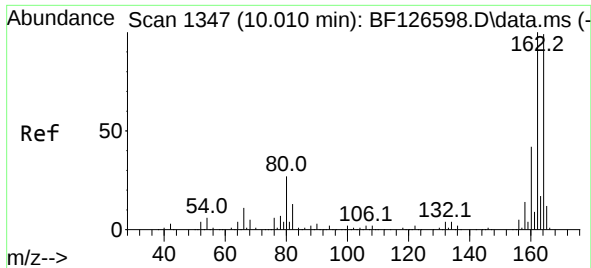
Ion Ratio Lower Upper

122 100

105 155.3 101.0 141.0#

77 132.2 74.5 114.5#

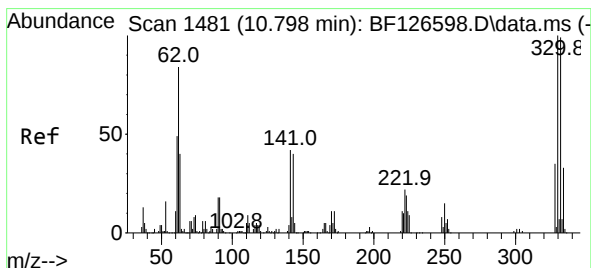
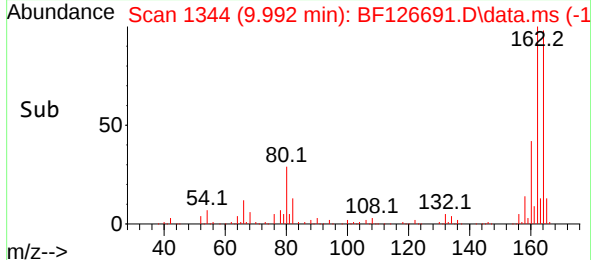
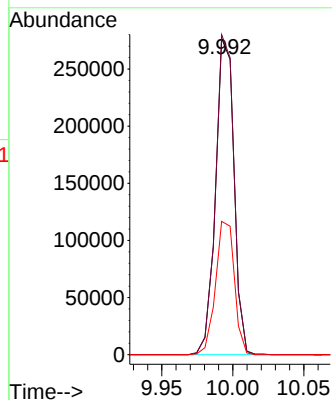
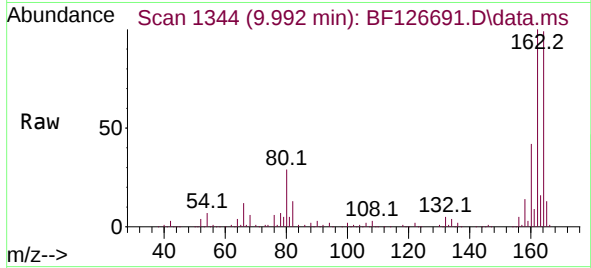




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126691.D
Acq: 26 Jan 2022 17:24

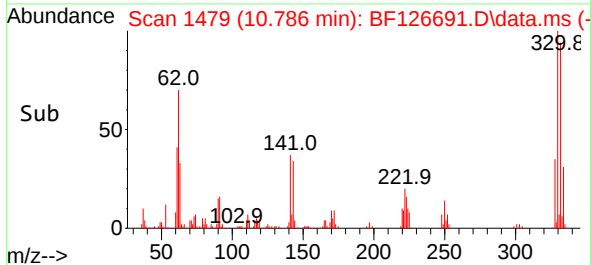
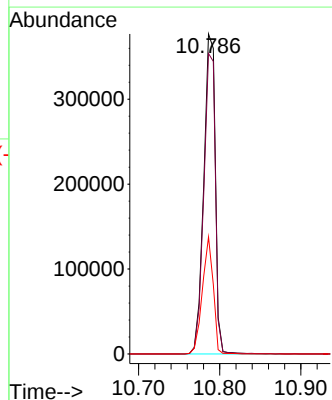
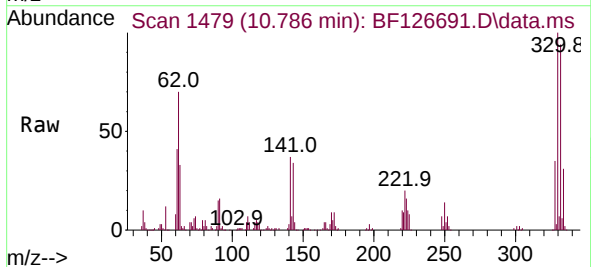
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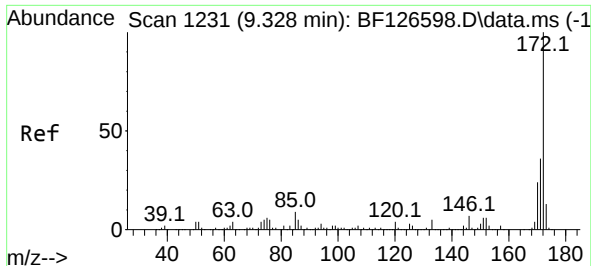
Tgt Ion:164 Resp: 248982
Ion Ratio Lower Upper
164 100
162 101.2 81.4 122.0
160 42.2 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 160.060 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.006 min
Lab File: BF126691.D
Acq: 26 Jan 2022 17:24

Tgt Ion:330 Resp: 372954
Ion Ratio Lower Upper
330 100
332 94.5 76.0 114.0
141 34.3 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 106.181 ng

RT: 9.316 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF126691.D

Acq: 26 Jan 2022 17:24

Instrument :

BNA_F

ClientSampleId :

D2-E2B

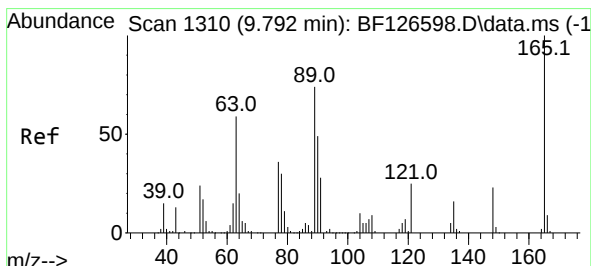
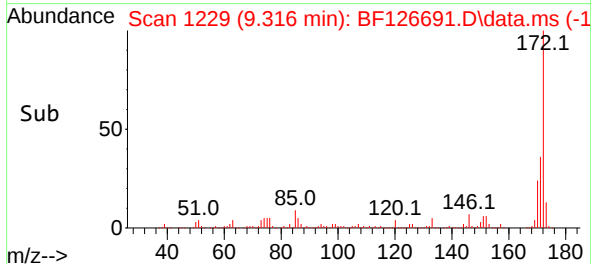
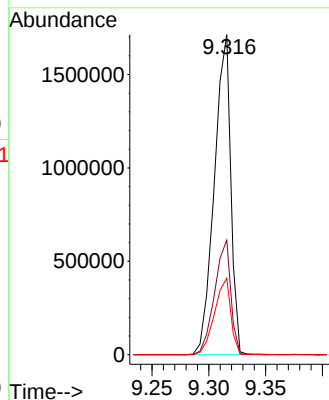
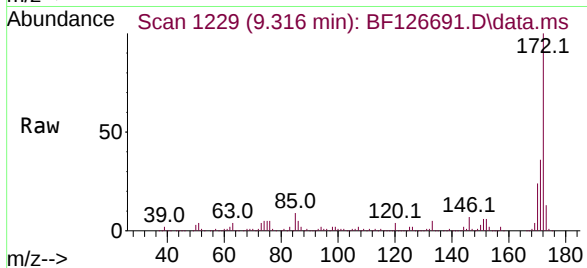
Tgt Ion:172 Resp: 1726233

Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.9 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.595 ng

RT: 9.992 min Scan# 1344

Delta R.T. 0.212 min

Lab File: BF126691.D

Acq: 26 Jan 2022 17:24

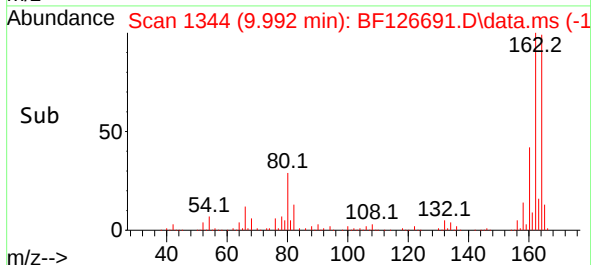
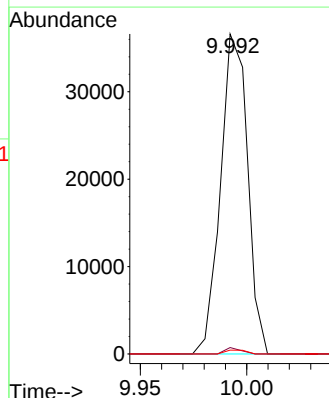
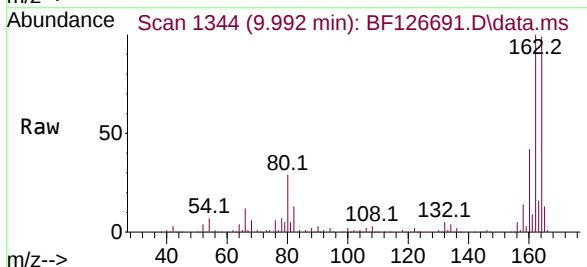
Tgt Ion:165 Resp: 32331

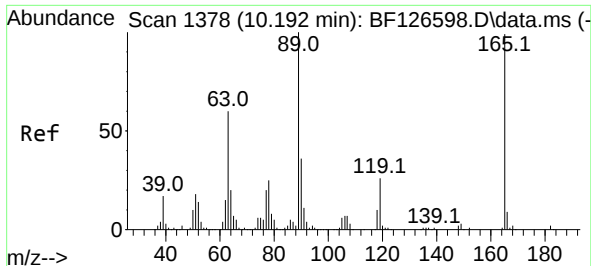
Ion Ratio Lower Upper

165 100

63 2.0 48.4 72.6#

89 1.2 50.5 75.7#

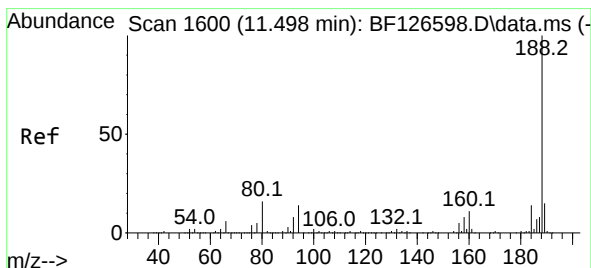
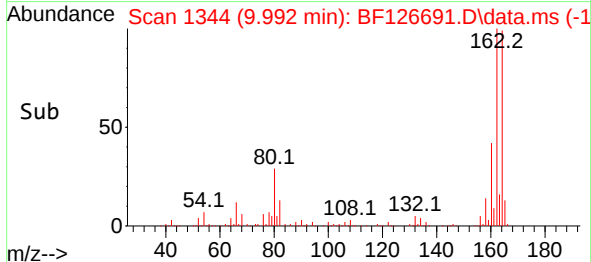
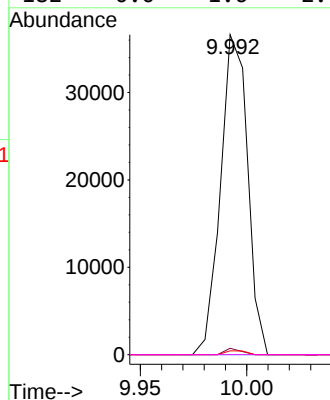
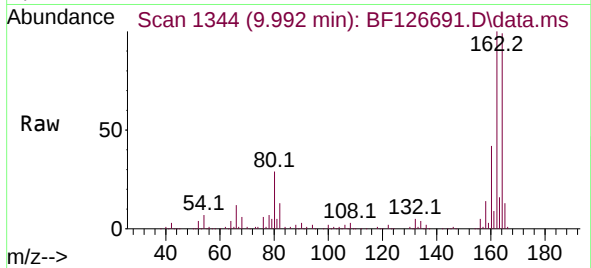




#57
2,4-Dinitrotoluene
Concen: 8.743 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF126691.D
Acq: 26 Jan 2022 17:24

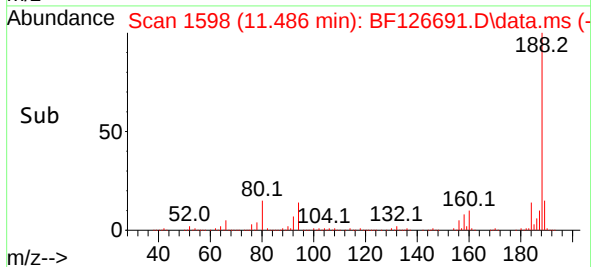
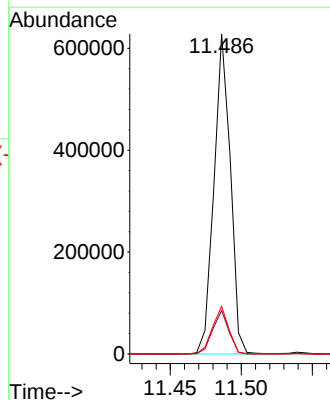
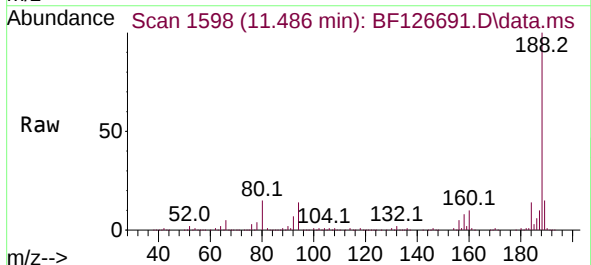
Instrument :
BNA_F
ClientSampleId :
D2-E2B

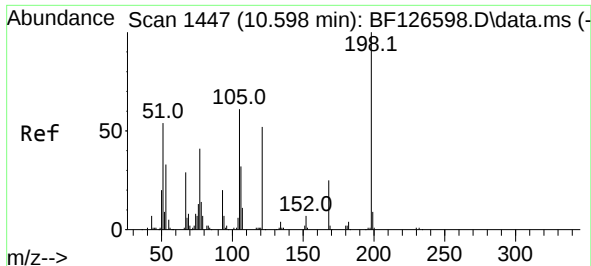
Tgt Ion:165 Resp: 32331
Ion Ratio Lower Upper
165 100
63 2.0 43.0 64.6#
89 1.2 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BF126691.D
Acq: 26 Jan 2022 17:24

Tgt Ion:188 Resp: 504057
Ion Ratio Lower Upper
188 100
94 13.6 10.1 15.1
80 14.9 11.8 17.6

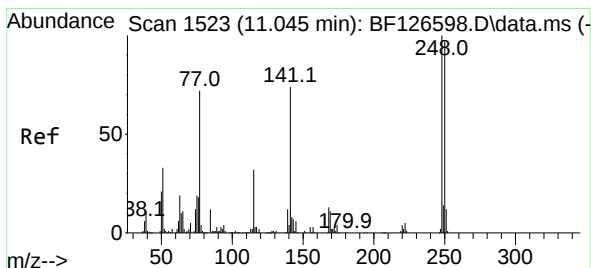
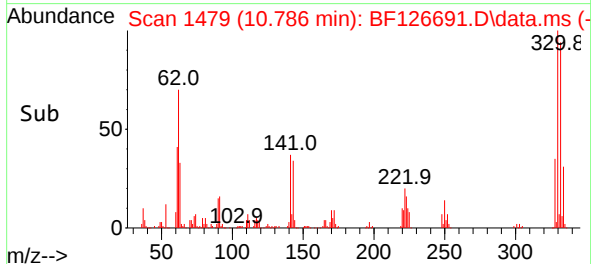
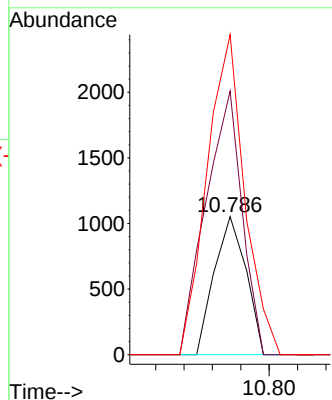
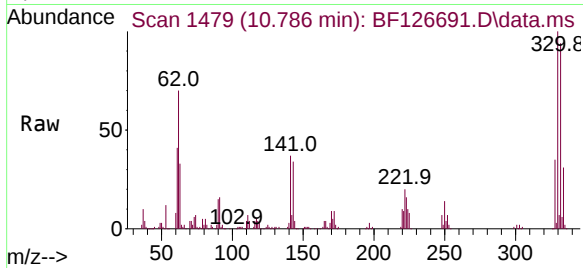




#65
4,6-Dinitro-2-methylphenol
Concen: 7.658 ng
RT: 10.786 min Scan# 1447
Delta R.T. 0.194 min
Lab File: BF126691.D
Acq: 26 Jan 2022 17:24

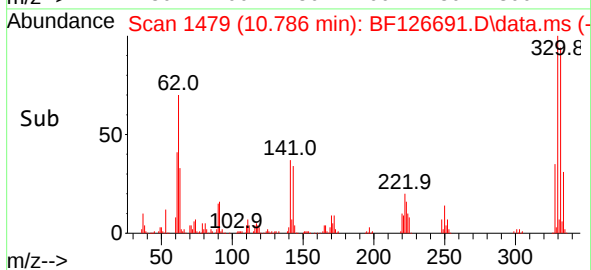
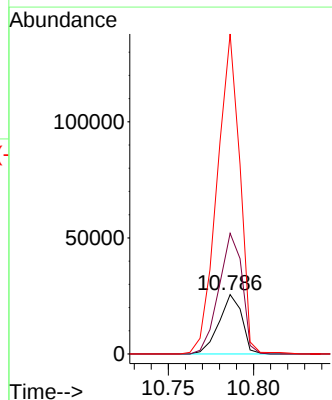
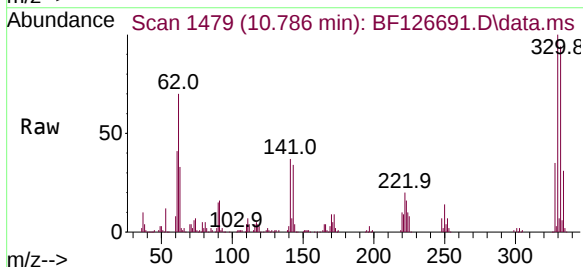
Instrument :
BNA_F
ClientSampleId :
D2-E2B

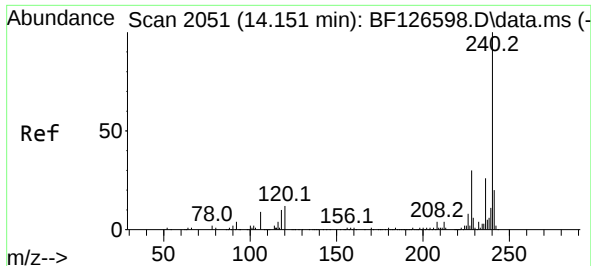
Tgt Ion:198 Resp: 814
Ion Ratio Lower Upper
198 100
51 191.0 32.0 72.0#
105 231.8 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 4.122 ng
RT: 10.786 min Scan# 1479
Delta R.T. -0.247 min
Lab File: BF126691.D
Acq: 26 Jan 2022 17:24

Tgt Ion:248 Resp: 23947
Ion Ratio Lower Upper
248 100
250 203.0 76.2 114.4#
141 538.3 66.2 99.4#

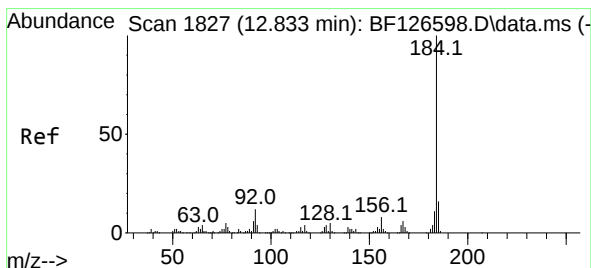
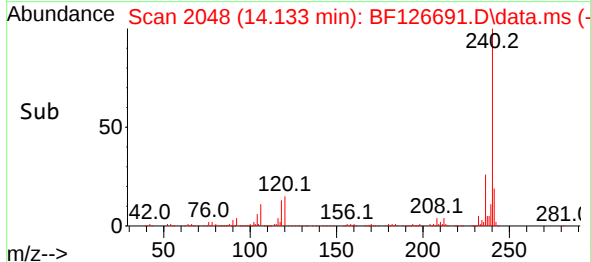
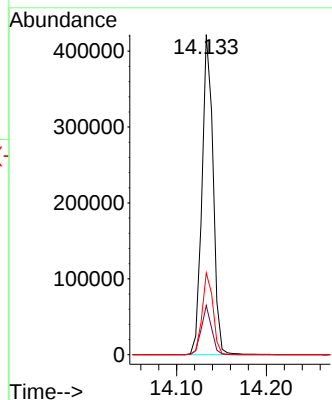
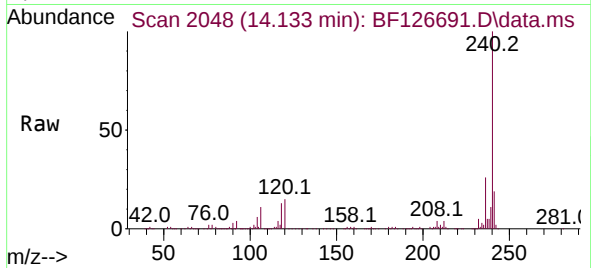




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2051
Delta R.T. -0.012 min
Lab File: BF126691.D
Acq: 26 Jan 2022 17:24

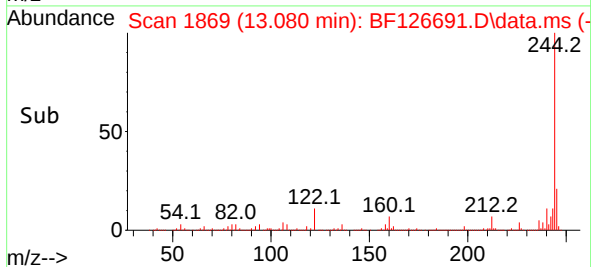
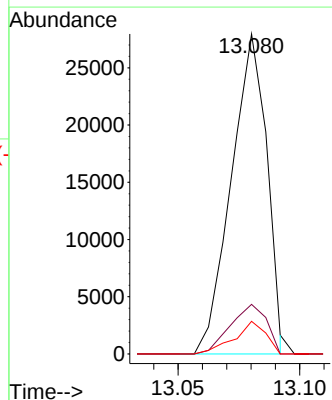
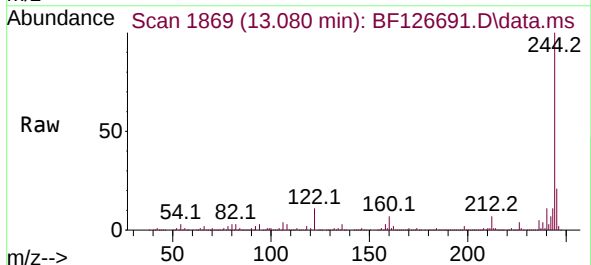
Instrument :
BNA_F
ClientSampleId :
D2-E2B

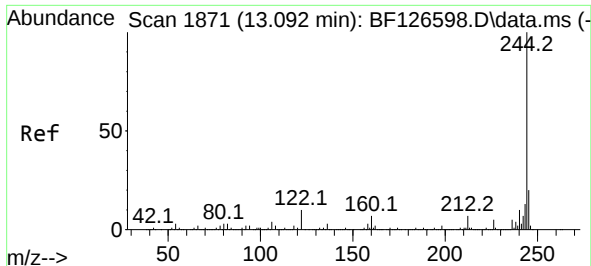
Tgt Ion:240 Resp: 362479
Ion Ratio Lower Upper
240 100
120 15.3 14.4 21.6
236 25.6 20.5 30.7



#77
Benzidine
Concen: 2.272 ng
RT: 13.080 min Scan# 1869
Delta R.T. 0.253 min
Lab File: BF126691.D
Acq: 26 Jan 2022 17:24

Tgt Ion:184 Resp: 28414
Ion Ratio Lower Upper
184 100
185 15.5 11.8 17.8
183 10.2 8.2 12.2

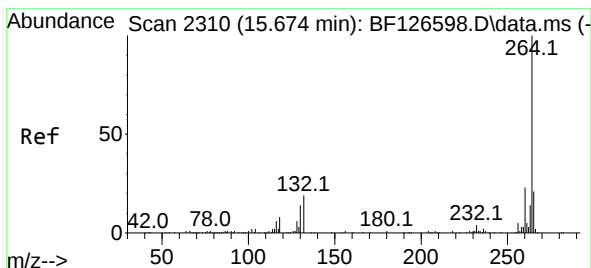
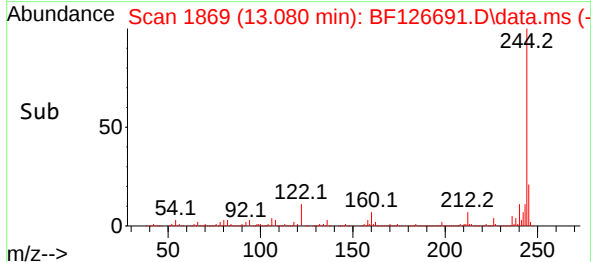
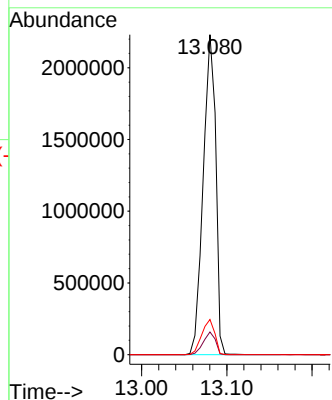
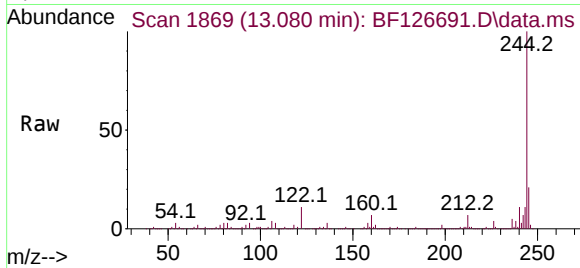




#79
 Terphenyl-d14
 Concen: 105.430 ng
 RT: 13.080 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF126691.D
 Acq: 26 Jan 2022 17:24

Instrument :
 BNA_F
 ClientSampleId :
 D2-E2B

Tgt Ion:244 Resp: 2278481
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.0 7.4
 122 11.0 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.662 min Scan# 2308
 Delta R.T. -0.000 min
 Lab File: BF126691.D
 Acq: 26 Jan 2022 17:24

Tgt Ion:264 Resp: 215251
 Ion Ratio Lower Upper
 264 100
 260 21.9 19.2 28.8
 265 20.5 17.4 26.2

