

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021022\
 Data File : BF126852.D
 Acq On : 10 Feb 2022 19:19
 Operator : CG\JU
 Sample : N1359-07DL 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP020122DL

Quant Time: Feb 11 03:17:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 10 00:44:00 2022
 Response via : Initial Calibration

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

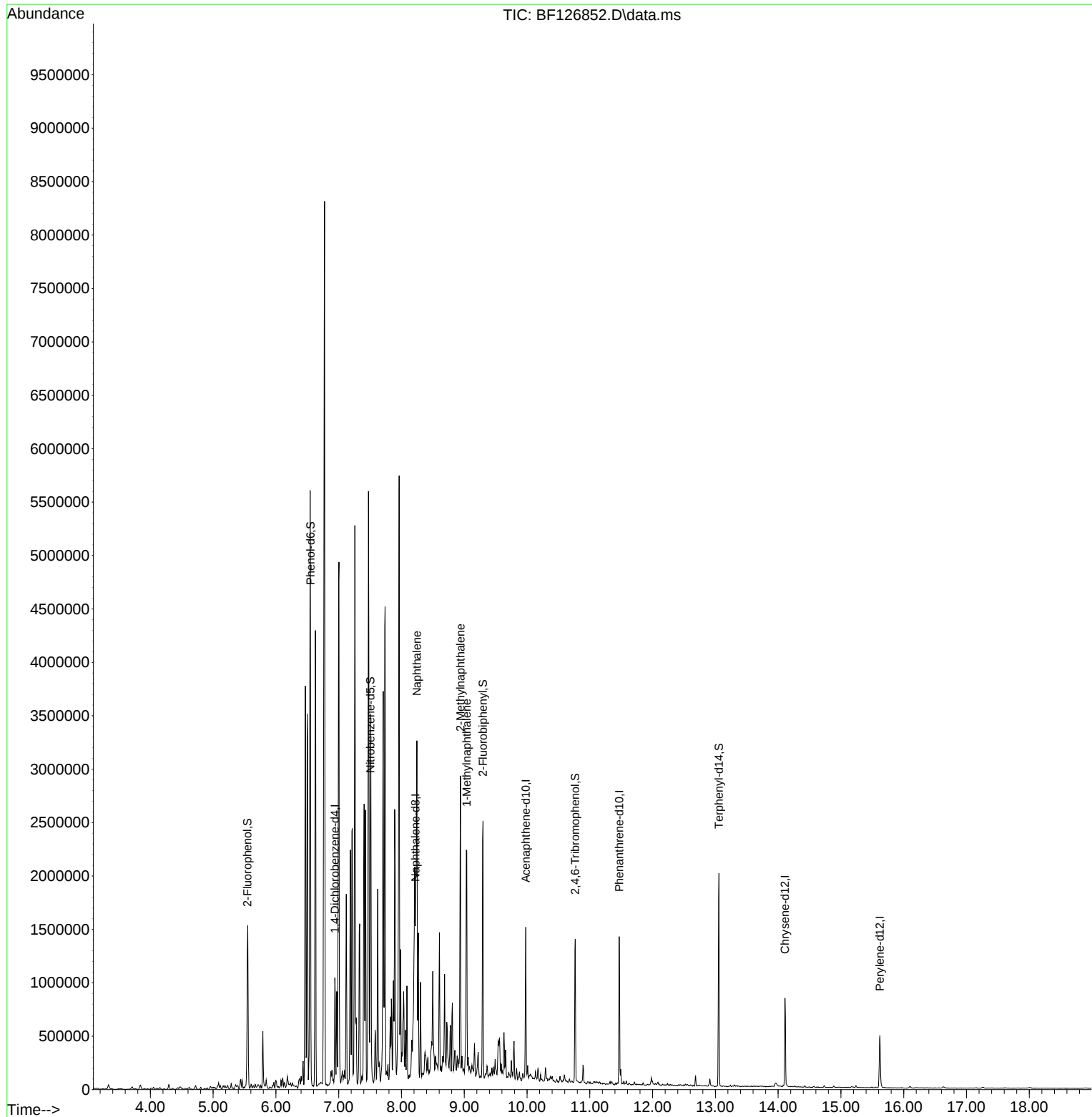
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	119786	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	469328	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	247038	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	434465	20.000	ng	0.00
76) Chrysene-d12	14.110	240	251779	20.000	ng	-0.01
86) Perylene-d12	15.621	264	211640	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	220063	28.286	ng	-0.01
7) Phenol-d6	6.551	99	155189	14.776	ng	-0.01
23) Nitrobenzene-d5	7.504	82	409251	40.234	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	142431	53.780	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	669784	40.812	ng	0.00
79) Terphenyl-d14	13.057	244	628165	35.766	ng	0.00
Target Compounds						
31) Naphthalene	8.245	128	784132	32.215	ng	Qvalue # 95
37) 2-Methylnaphthalene	8.939	142	702005	45.131	ng	99
38) 1-Methylnaphthalene	9.039	142	505740	33.603	ng	99

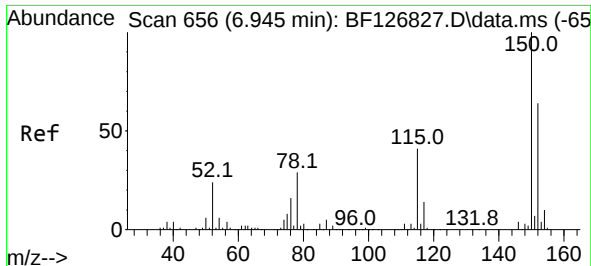
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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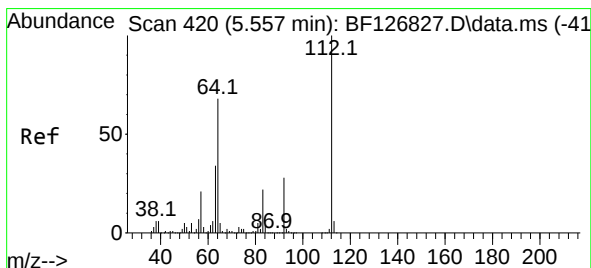
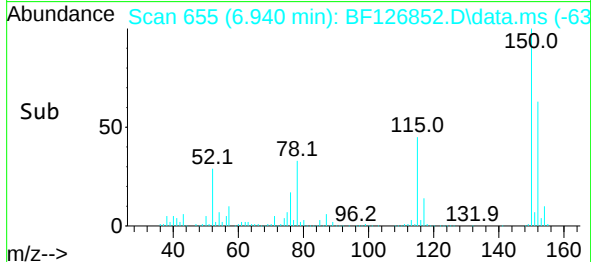
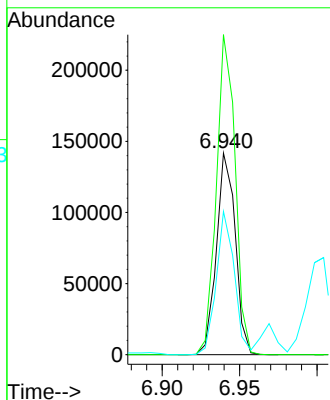
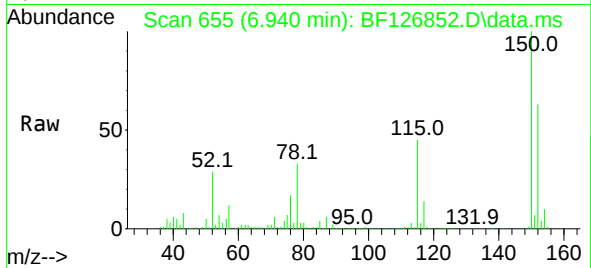




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 61
Delta R.T. -0.005 min
Lab File: BF126852.D
Acq: 10 Feb 2022 19:19

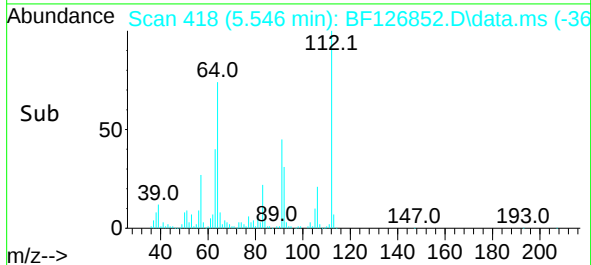
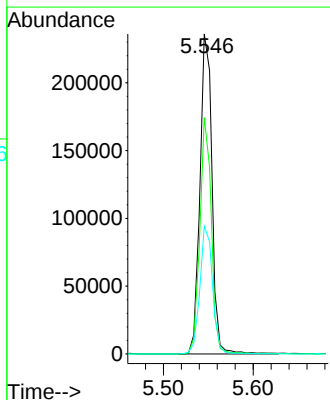
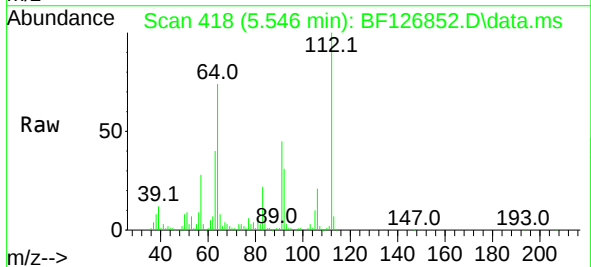
Instrument :
BNA_F
ClientSampleId :
DUP020122DL

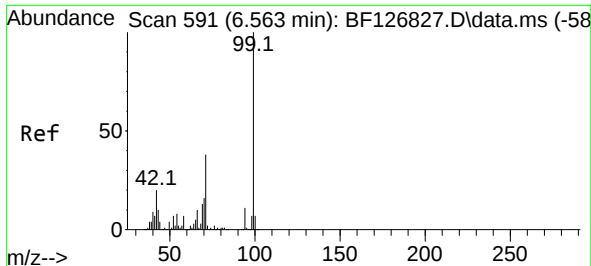
Tgt Ion:152 Resp: 119786
Ion Ratio Lower Upper
152 100
150 158.7 124.3 186.5
115 71.0 50.5 75.7



#5
2-Fluorophenol
Concen: 28.286 ng
RT: 5.546 min Scan# 418
Delta R.T. -0.012 min
Lab File: BF126852.D
Acq: 10 Feb 2022 19:19

Tgt Ion:112 Resp: 220063
Ion Ratio Lower Upper
112 100
64 73.8 54.3 81.5
63 40.0 27.5 41.3

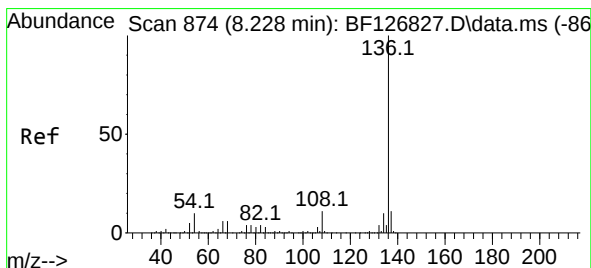
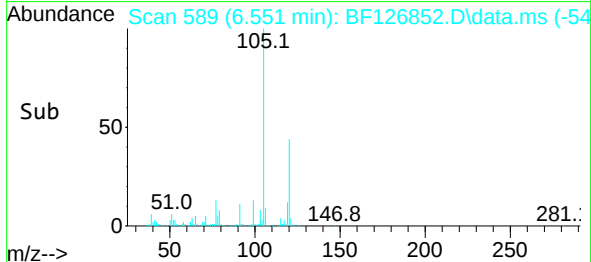
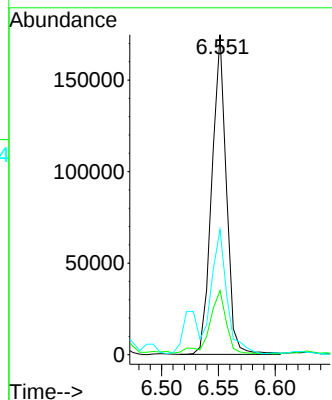
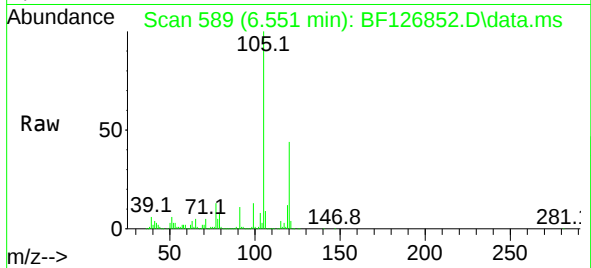




#7
Phenol-d6
Concen: 14.776 ng
RT: 6.551 min Scan# 51
Delta R.T. -0.012 min
Lab File: BF126852.D
Acq: 10 Feb 2022 19:19

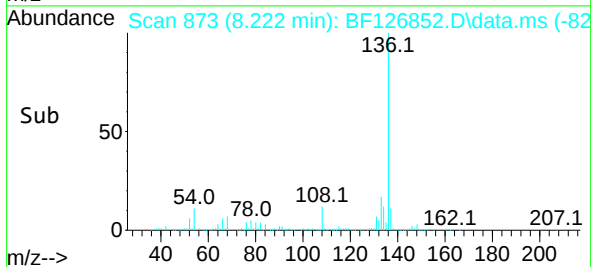
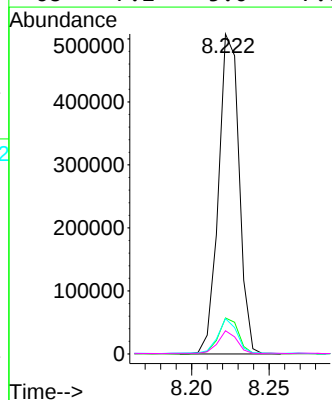
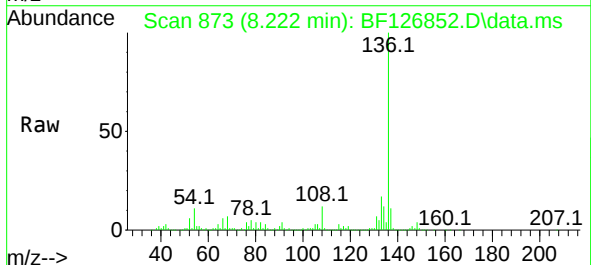
Instrument :
BNA_F
ClientSampleId :
DUP020122DL

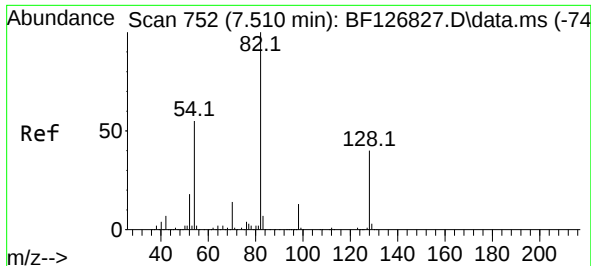
Tgt Ion: 99 Resp: 155189
Ion Ratio Lower Upper
99 100
42 20.0 15.8 23.6
71 39.1 30.6 45.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF126852.D
Acq: 10 Feb 2022 19:19

Tgt Ion: 136 Resp: 469328
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 11.1 8.0 12.0
68 7.2 5.0 7.6

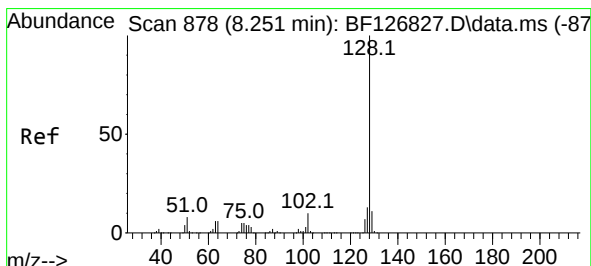
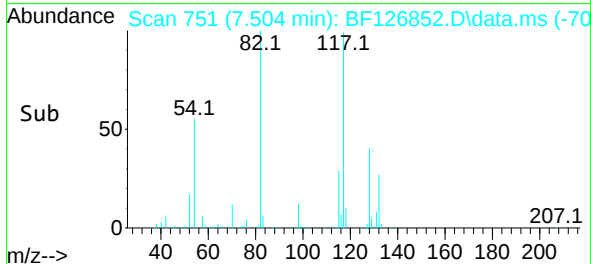
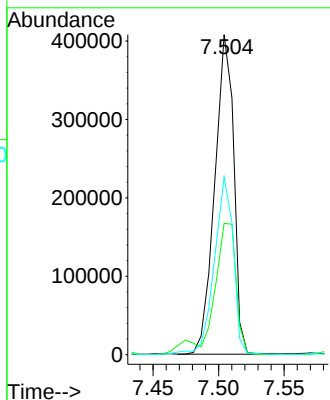
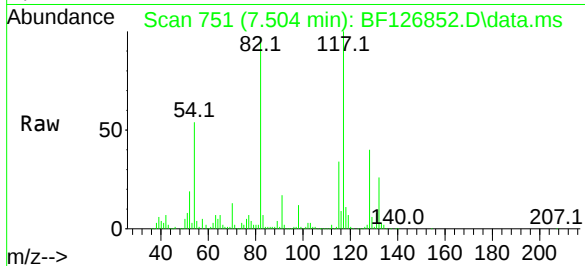




#23
Nitrobenzene-d5
Concen: 40.234 ng
RT: 7.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126852.D
Acq: 10 Feb 2022 19:19

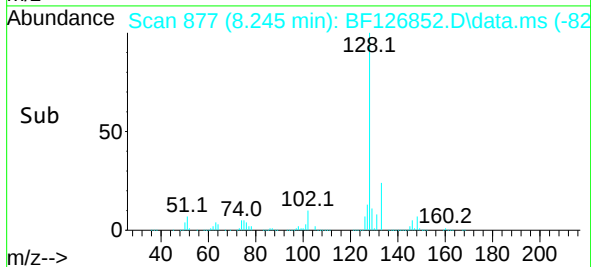
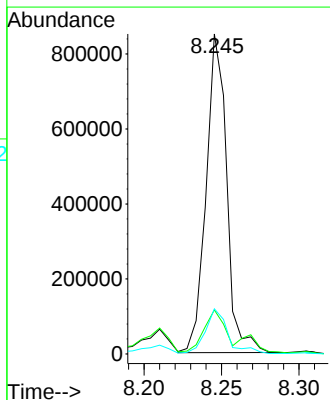
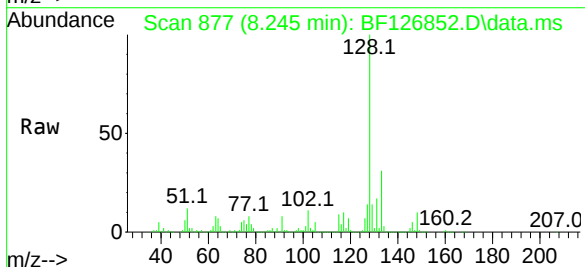
Instrument :
BNA_F
ClientSampleId :
DUP020122DL

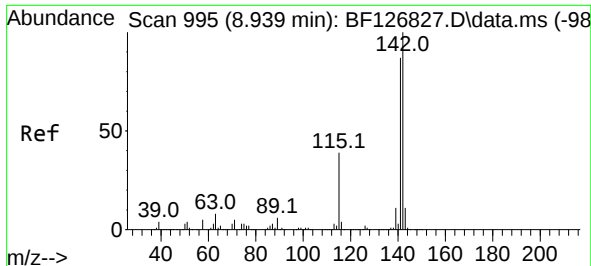
Tgt Ion: 82 Resp: 409251
Ion Ratio Lower Upper
82 100
128 41.0 31.6 47.4
54 55.5 43.7 65.5



#31
Naphthalene
Concen: 32.215 ng
RT: 8.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF126852.D
Acq: 10 Feb 2022 19:19

Tgt Ion:128 Resp: 784132
Ion Ratio Lower Upper
128 100
129 13.7 8.8 13.2#
127 14.1 10.6 15.8

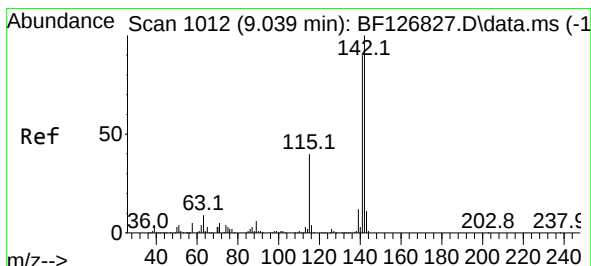
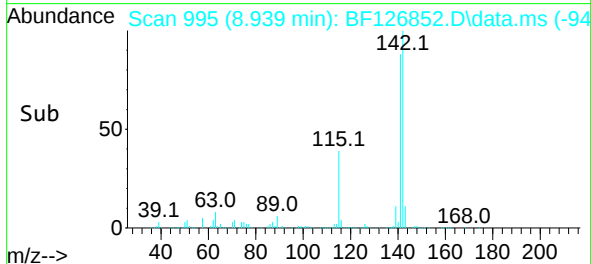
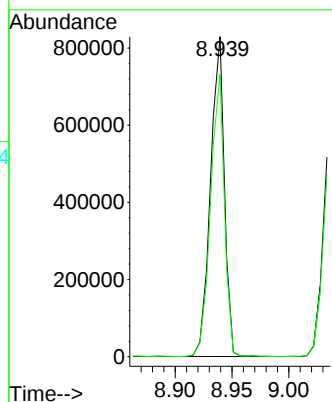
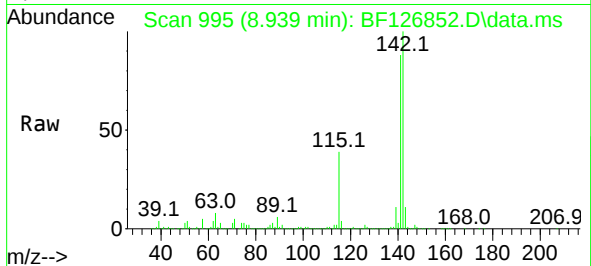




#37
2-Methylnaphthalene
Concen: 45.131 ng
RT: 8.939 min Scan# 995
Delta R.T. -0.000 min
Lab File: BF126852.D
Acq: 10 Feb 2022 19:19

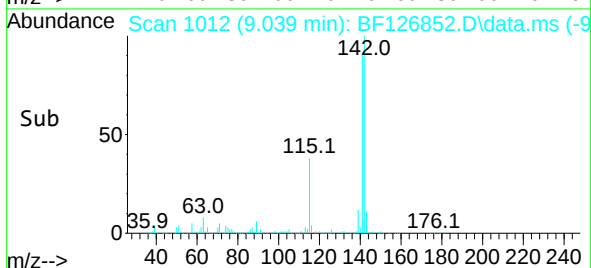
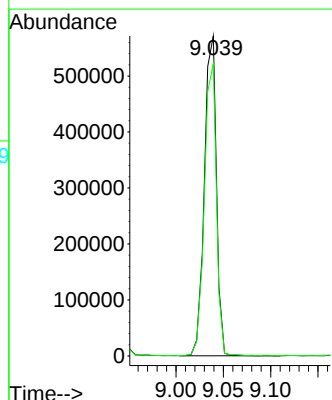
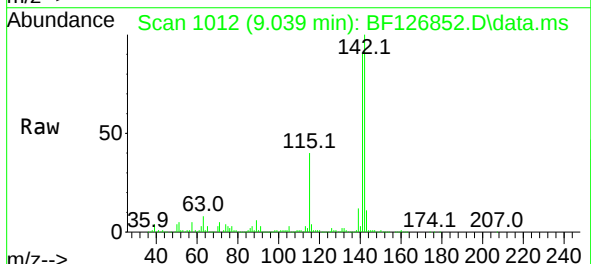
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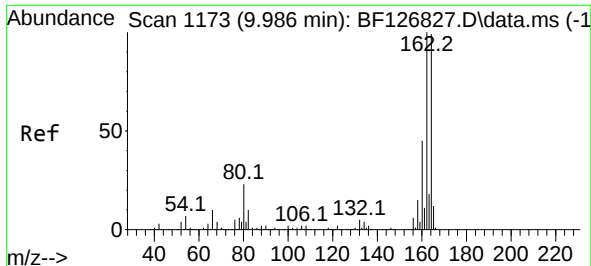
Tgt Ion:142 Resp: 702005
Ion Ratio Lower Upper
142 100
141 88.2 69.7 104.5



#38
1-Methylnaphthalene
Concen: 33.603 ng
RT: 9.039 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF126852.D
Acq: 10 Feb 2022 19:19

Tgt Ion:142 Resp: 505740
Ion Ratio Lower Upper
142 100
141 91.4 72.3 108.5

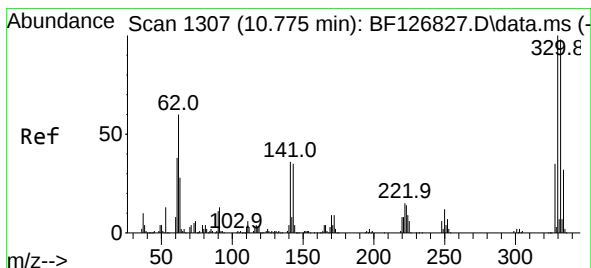
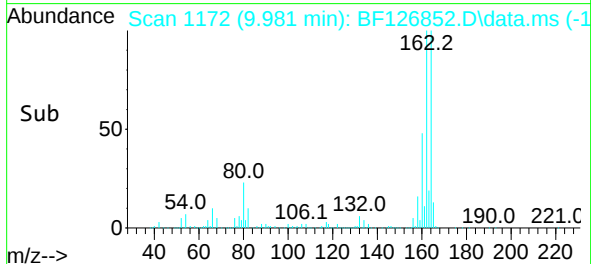
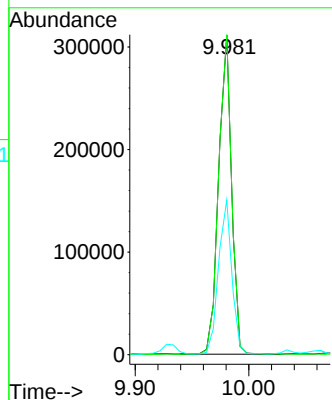
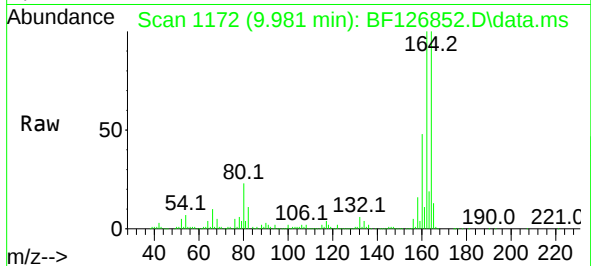




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 1173
Delta R.T. -0.005 min
Lab File: BF126852.D
Acq: 10 Feb 2022 19:19

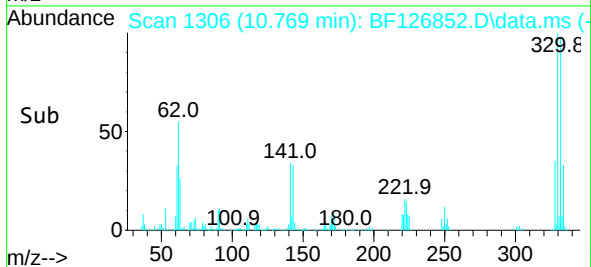
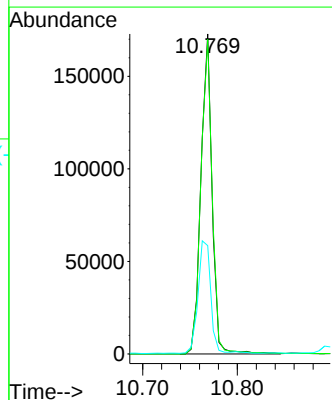
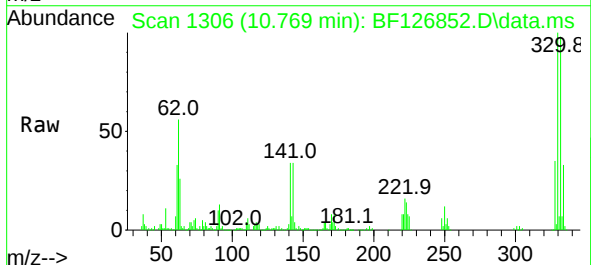
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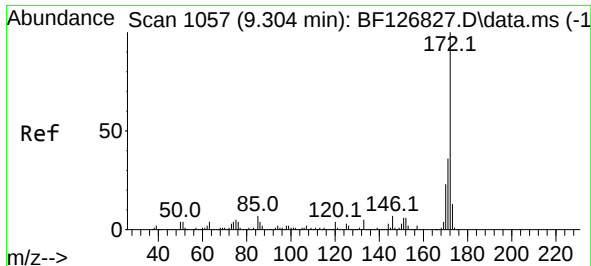
Tgt Ion:164 Resp: 247038
Ion Ratio Lower Upper
164 100
162 100.1 80.9 121.3
160 48.3 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 53.780 ng
RT: 10.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF126852.D
Acq: 10 Feb 2022 19:19

Tgt Ion:330 Resp: 142431
Ion Ratio Lower Upper
330 100
332 100.6 78.2 117.4
141 40.1 31.2 46.8

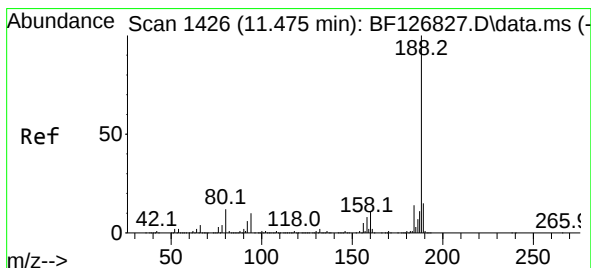
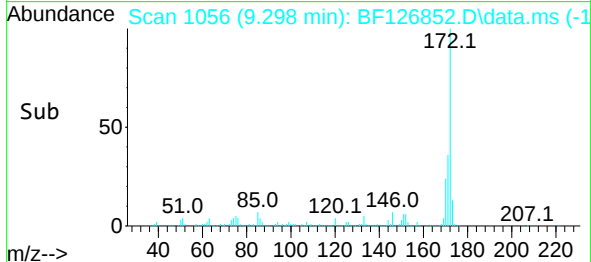
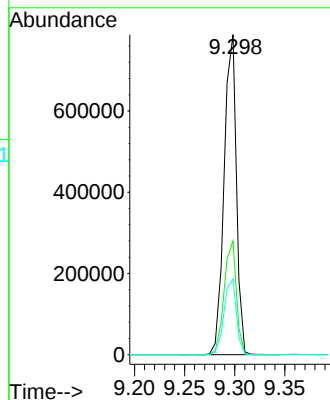
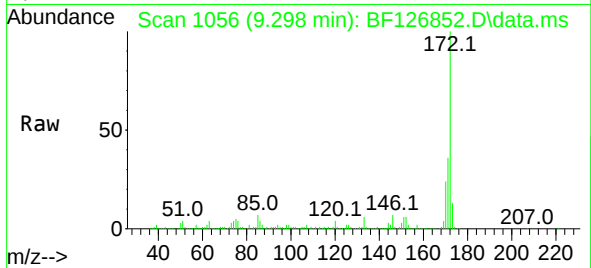




#45
2-Fluorobiphenyl
Concen: 40.812 ng
RT: 9.298 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BF126852.D
Acq: 10 Feb 2022 19:19

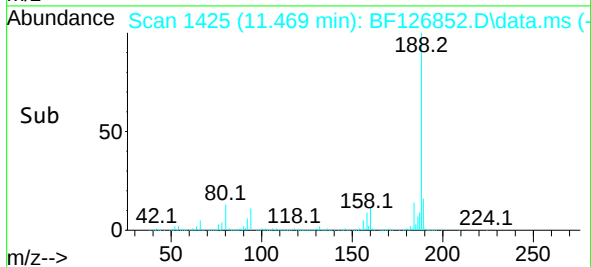
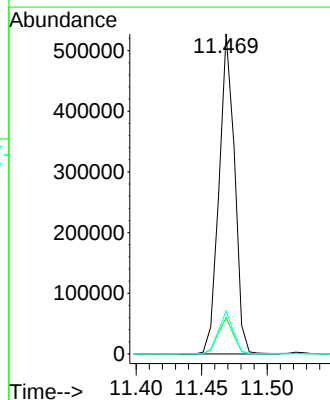
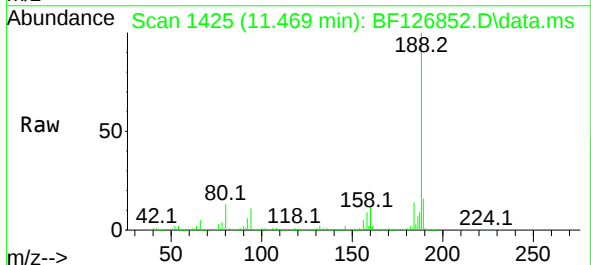
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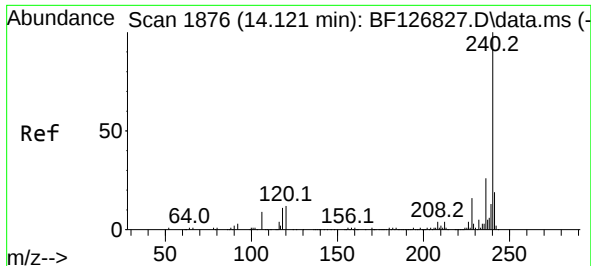
Tgt Ion:172 Resp: 669784
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.6 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF126852.D
Acq: 10 Feb 2022 19:19

Tgt Ion:188 Resp: 434465
Ion Ratio Lower Upper
188 100
94 11.4 8.1 12.1
80 13.5 9.5 14.3

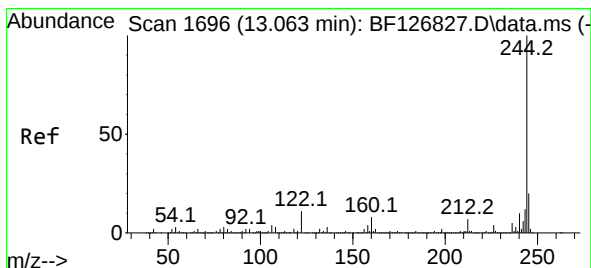
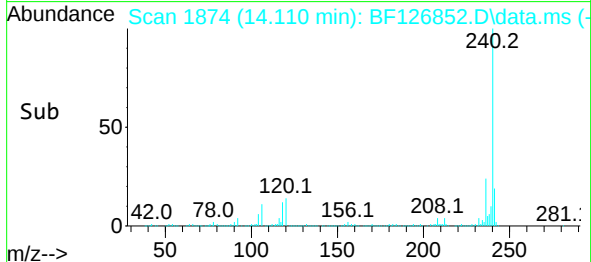
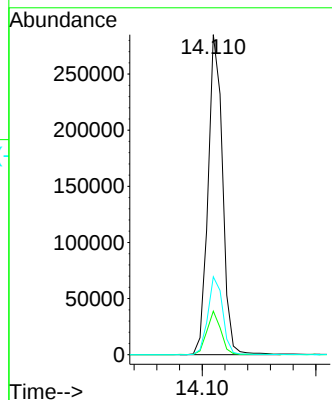
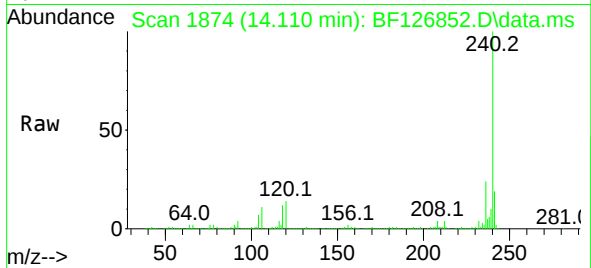




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 1874
Delta R.T. -0.012 min
Lab File: BF126852.D
Acq: 10 Feb 2022 19:19

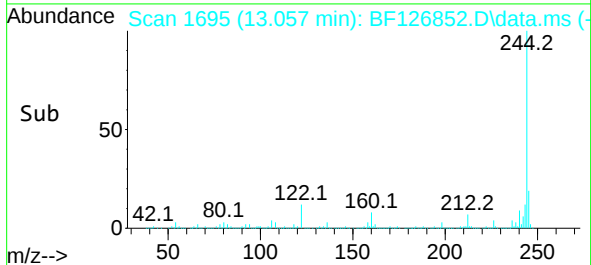
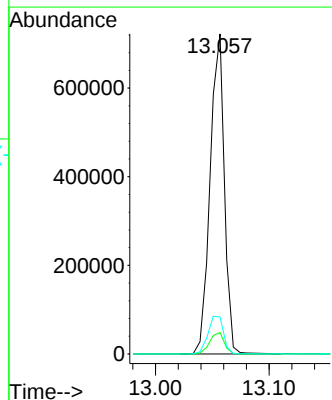
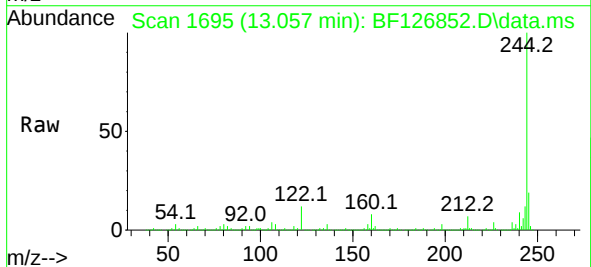
Instrument :
BNA_F
ClientSampleId :
DUP020122DL

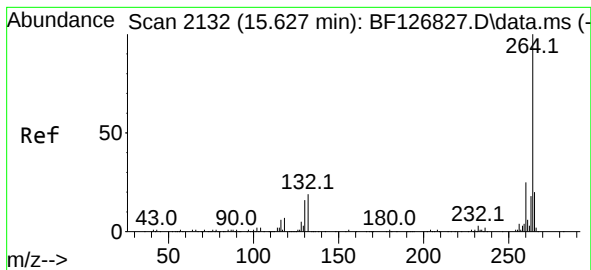
Tgt Ion:240 Resp: 251779
Ion Ratio Lower Upper
240 100
120 13.6 9.8 14.6
236 24.4 20.5 30.7



#79
Terphenyl-d14
Concen: 35.766 ng
RT: 13.057 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BF126852.D
Acq: 10 Feb 2022 19:19

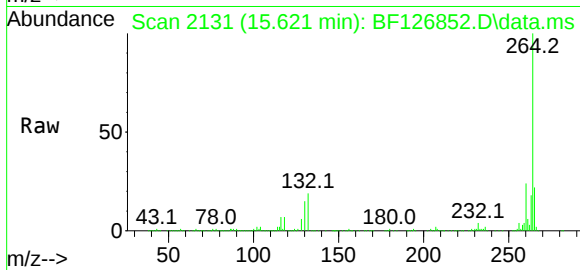
Tgt Ion:244 Resp: 628165
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 11.5 9.0 13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126852.D
Acq: 10 Feb 2022 19:19

Instrument :
BNA_F
ClientSampleId :
DUP020122DL



Tgt Ion:264 Resp: 211640
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 21.8 15.9 23.9

