

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021022\
 Data File : BF126851.D
 Acq On : 10 Feb 2022 18:51
 Operator : CG\JU
 Sample : N1359-01DL 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9DL

Quant Time: Feb 11 03:16:44 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)

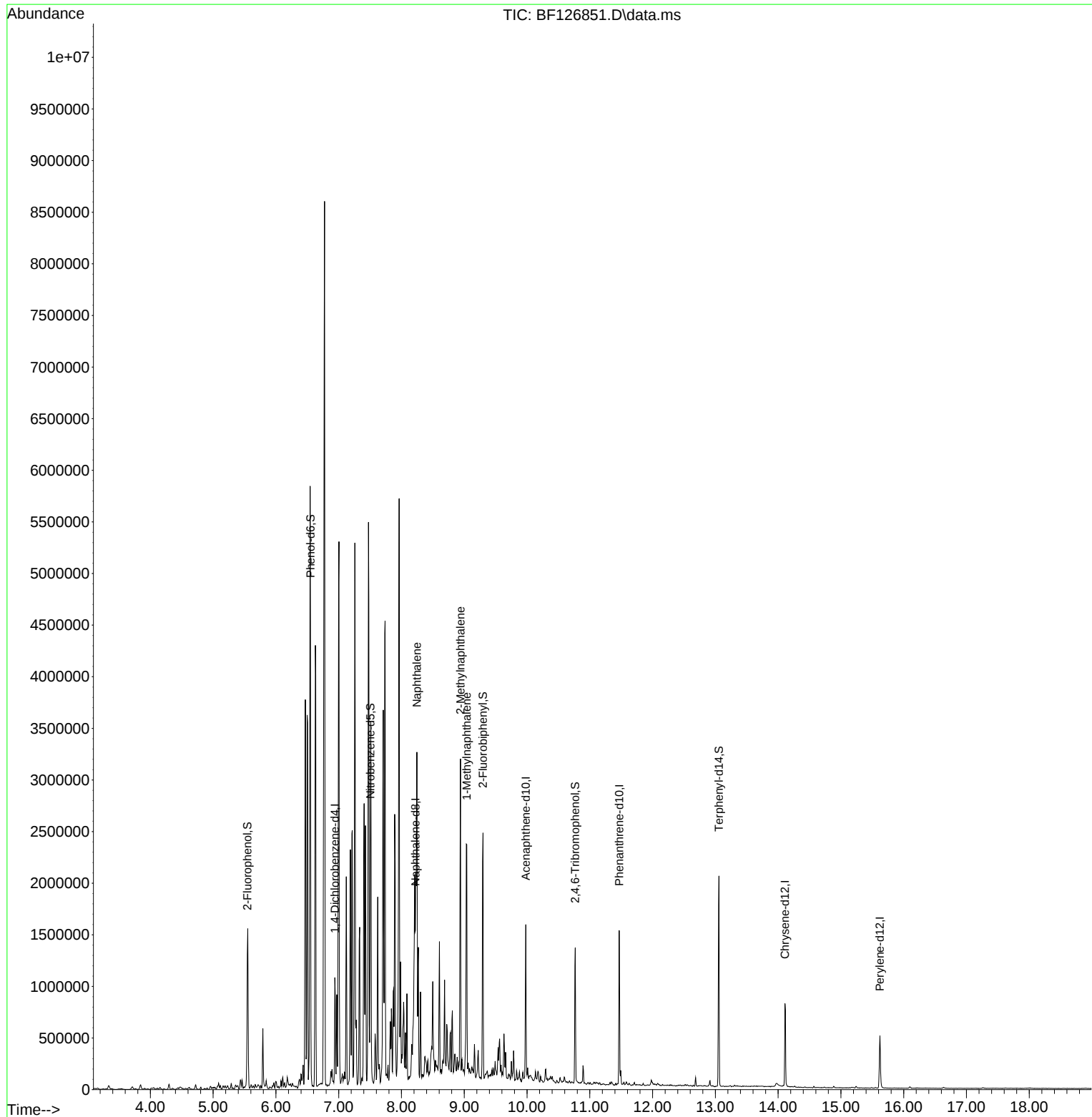
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	128529	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	498074	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	259969	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	466466	20.000	ng	0.00
76) Chrysene-d12	14.110	240	263605	20.000	ng	#-0.01
86) Perylene-d12	15.621	264	216644	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	207453	24.851	ng	-0.01
7) Phenol-d6	6.551	99	149361	13.253	ng	-0.01
23) Nitrobenzene-d5	7.504	82	398083	36.877	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	141226	50.672	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	657902	38.094	ng	0.00
79) Terphenyl-d14	13.057	244	628487	34.179	ng	0.00
Target Compounds						
31) Naphthalene	8.245	128	865052	33.488	ng	Qvalue # 97
37) 2-Methylnaphthalene	8.939	142	745969	45.189	ng	99
38) 1-Methylnaphthalene	9.039	142	541167	33.882	ng	99

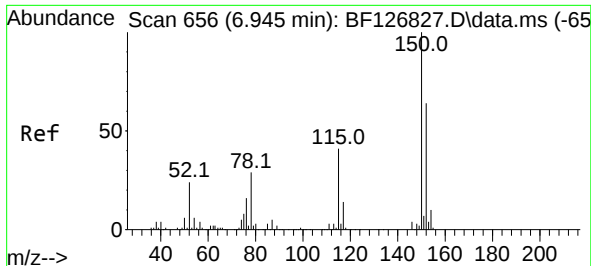
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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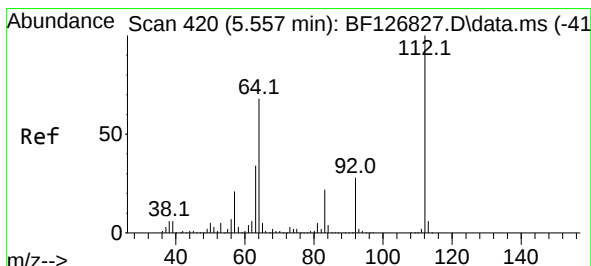
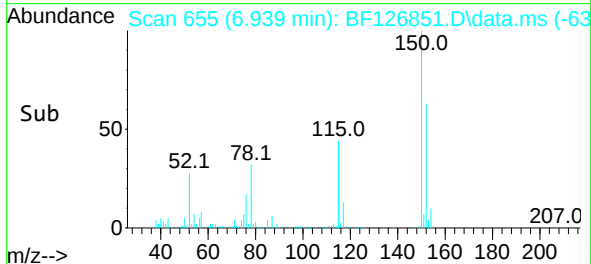
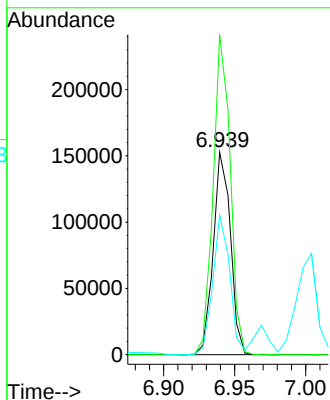
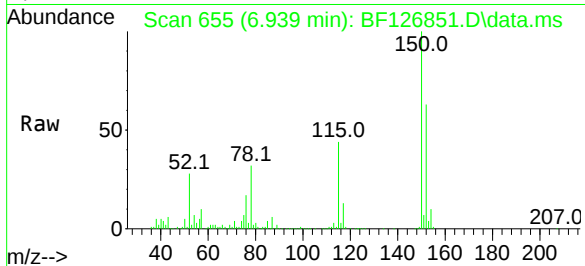




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF126851.D
Acq: 10 Feb 2022 18:51

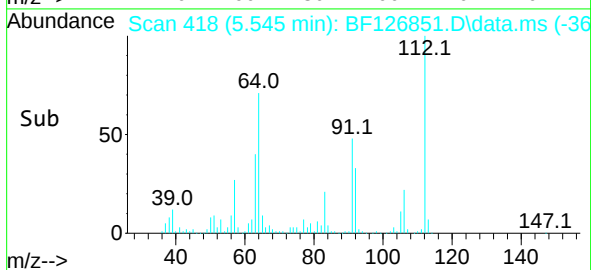
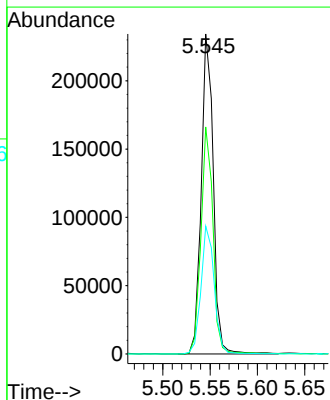
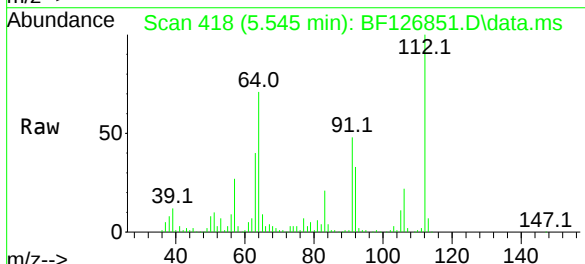
Instrument :
BNA_F
ClientSampleId :
MW-9DL

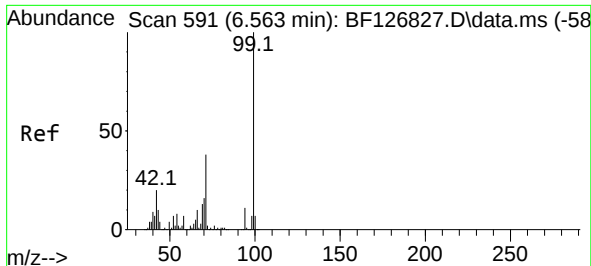
Tgt Ion:152 Resp: 128529
Ion Ratio Lower Upper
152 100
150 158.1 124.3 186.5
115 68.9 50.5 75.7



#5
2-Fluorophenol
Concen: 24.851 ng
RT: 5.545 min Scan# 418
Delta R.T. -0.012 min
Lab File: BF126851.D
Acq: 10 Feb 2022 18:51

Tgt Ion:112 Resp: 207453
Ion Ratio Lower Upper
112 100
64 70.9 54.3 81.5
63 40.0 27.5 41.3

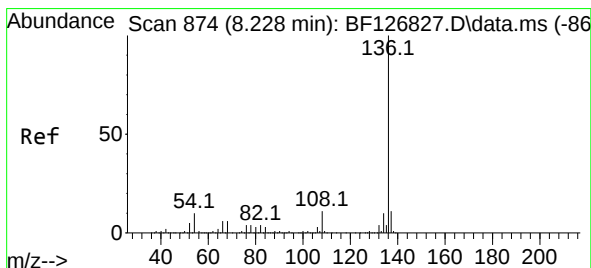
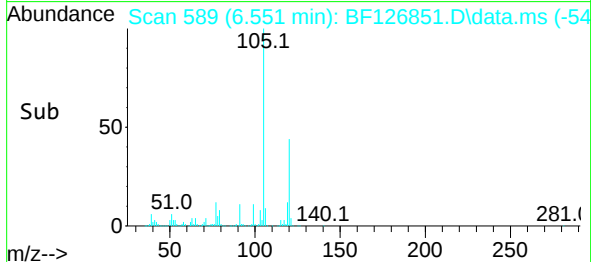
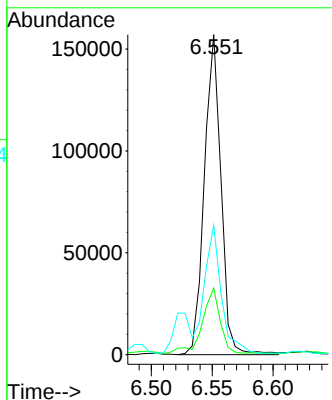
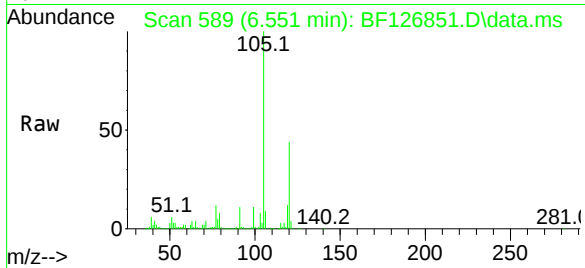




#7
Phenol-d6
Concen: 13.253 ng
RT: 6.551 min Scan# 51
Delta R.T. -0.012 min
Lab File: BF126851.D
Acq: 10 Feb 2022 18:51

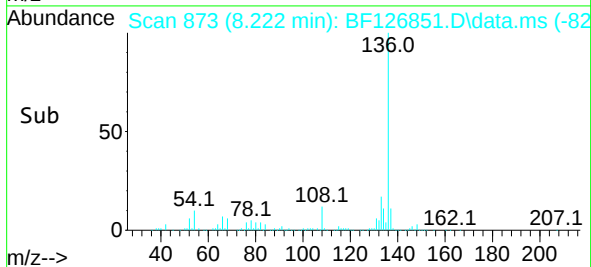
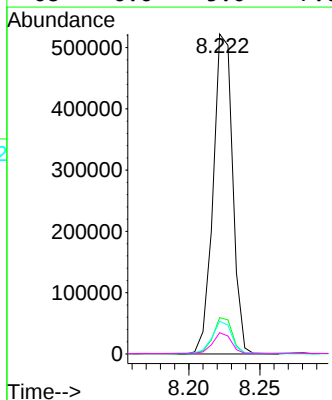
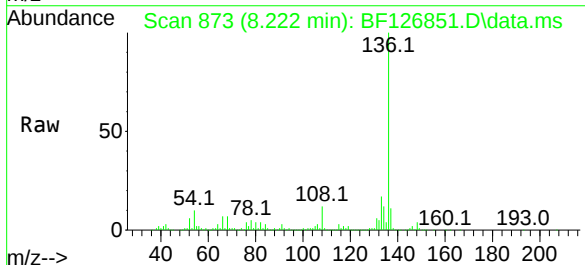
Instrument :
BNA_F
ClientSampleId :
MW-9DL

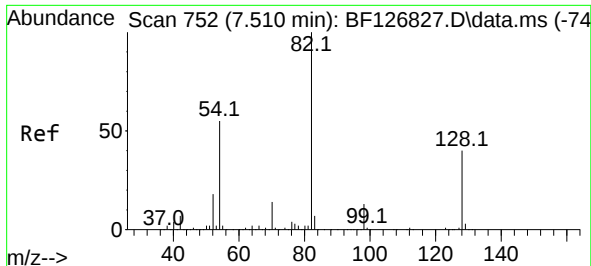
Tgt Ion: 99 Resp: 149361
Ion Ratio Lower Upper
99 100
42 20.8 15.8 23.6
71 40.4 30.6 45.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF126851.D
Acq: 10 Feb 2022 18:51

Tgt Ion: 136 Resp: 498074
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 10.2 8.0 12.0
68 6.6 5.0 7.6

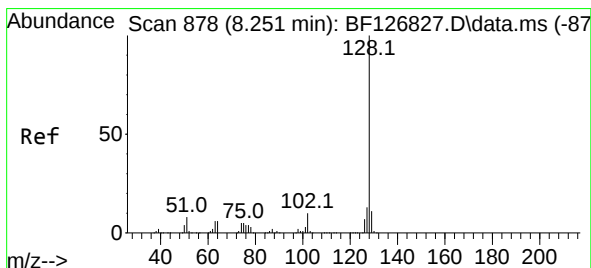
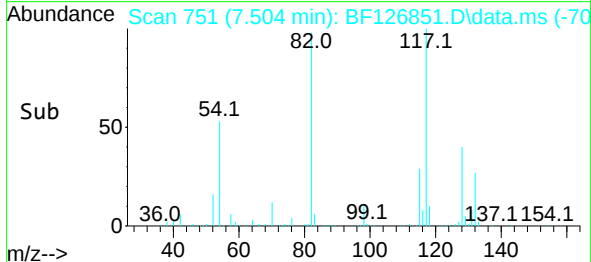
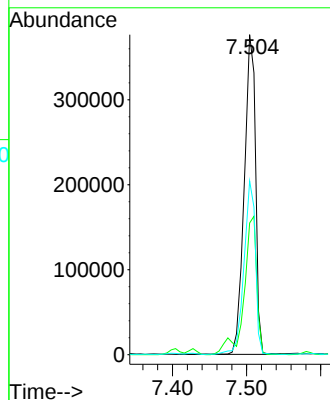
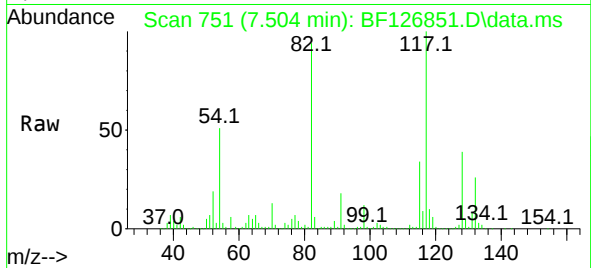




#23
Nitrobenzene-d5
Concen: 36.877 ng
RT: 7.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126851.D
Acq: 10 Feb 2022 18:51

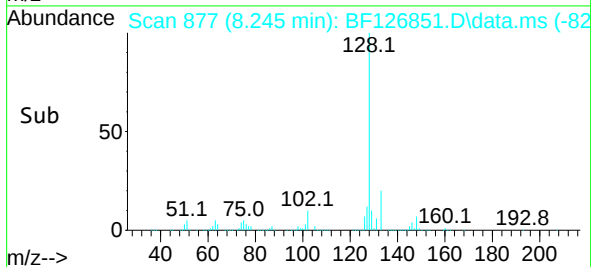
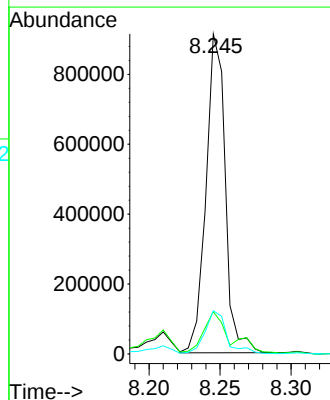
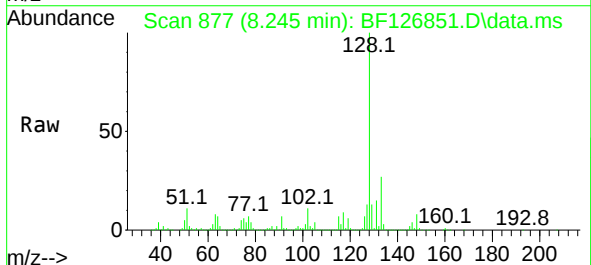
Instrument :
BNA_F
ClientSampleId :
MW-9DL

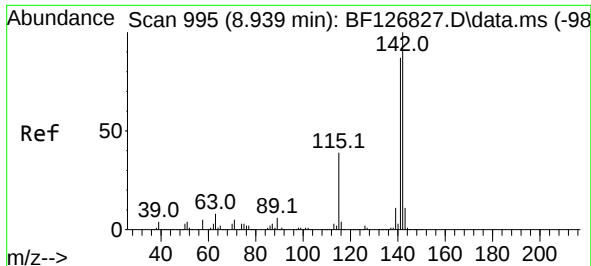
Tgt Ion: 82 Resp: 398083
Ion Ratio Lower Upper
82 100
128 41.1 31.6 47.4
54 54.3 43.7 65.5



#31
Naphthalene
Concen: 33.488 ng
RT: 8.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF126851.D
Acq: 10 Feb 2022 18:51

Tgt Ion: 128 Resp: 865052
Ion Ratio Lower Upper
128 100
129 13.2 8.8 13.2#
127 13.5 10.6 15.8





#37

2-Methylnaphthalene

Concen: 45.189 ng

RT: 8.939 min Scan# 995

Delta R.T. -0.000 min

Lab File: BF126851.D

Acq: 10 Feb 2022 18:51

Instrument :

BNA_F

ClientSampleId :

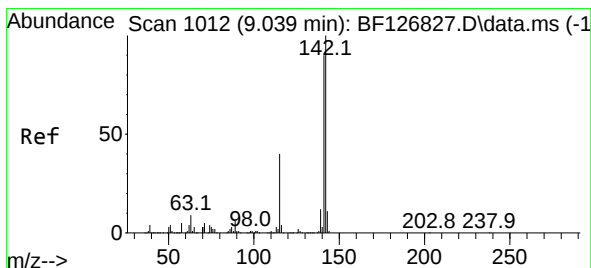
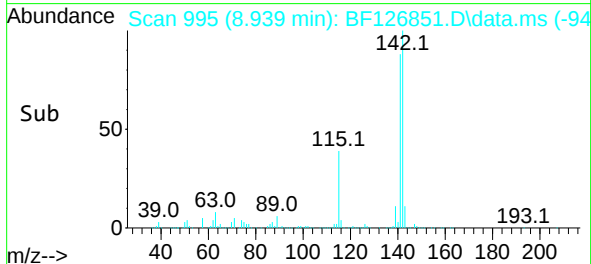
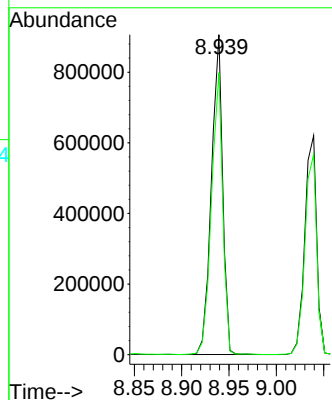
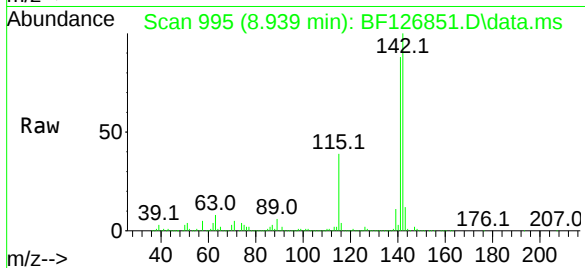
MW-9DL

Tgt Ion:142 Resp: 745969

Ion Ratio Lower Upper

142 100

141 88.1 69.7 104.5



#38

1-Methylnaphthalene

Concen: 33.882 ng

RT: 9.039 min Scan# 1012

Delta R.T. -0.000 min

Lab File: BF126851.D

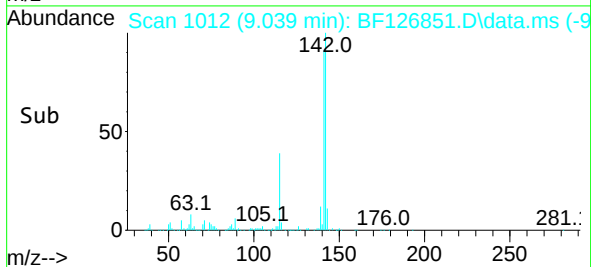
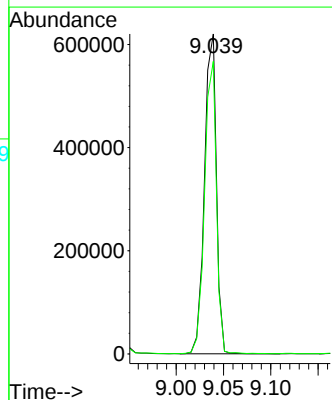
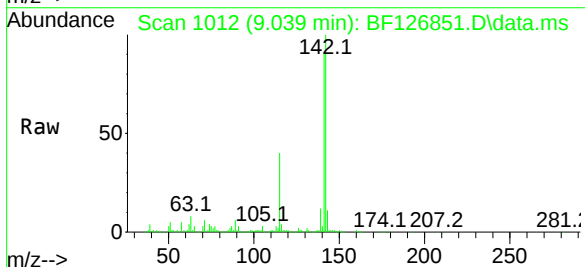
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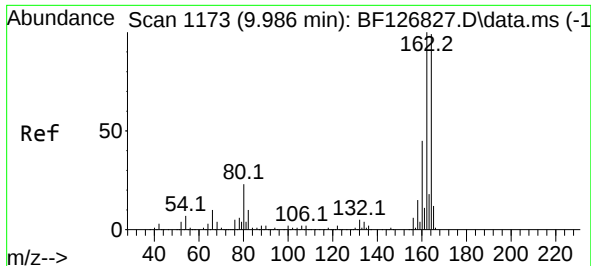
Tgt Ion:142 Resp: 541167

Ion Ratio Lower Upper

142 100

141 91.4 72.3 108.5

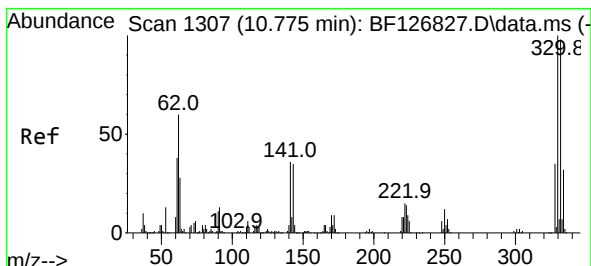
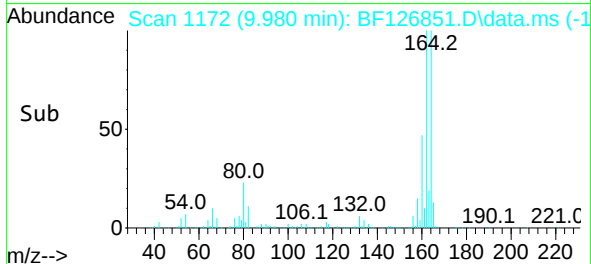
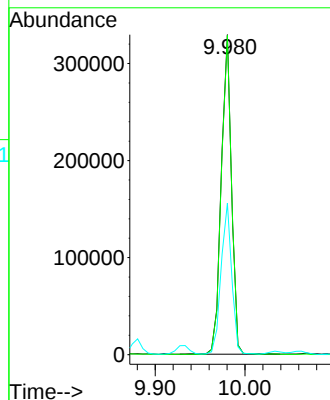
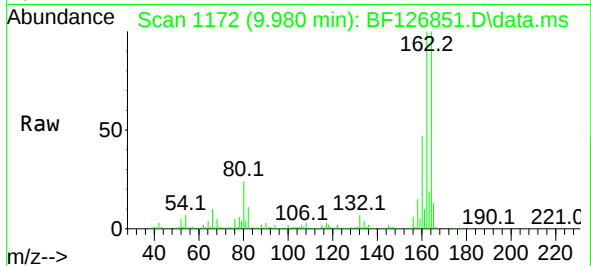




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BF126851.D
Acq: 10 Feb 2022 18:51

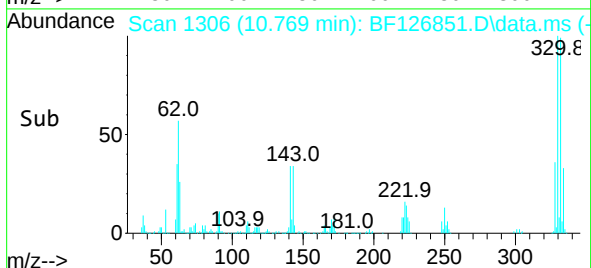
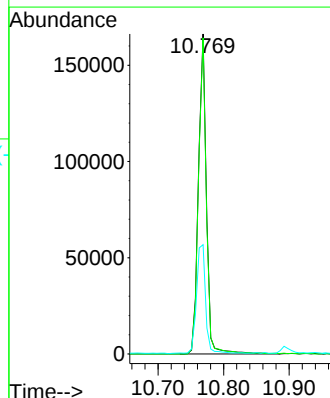
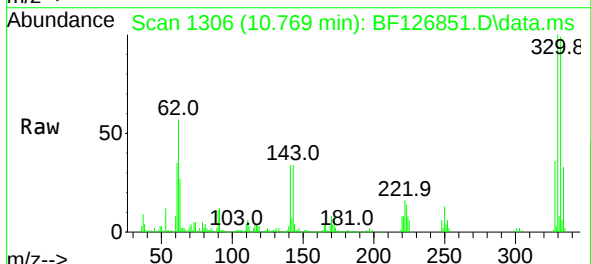
Instrument :
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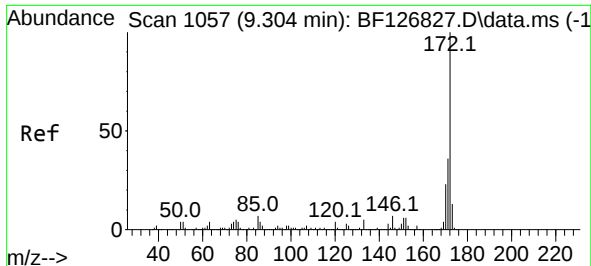
Tgt Ion:164 Resp: 259969
Ion Ratio Lower Upper
164 100
162 99.8 80.9 121.3
160 47.4 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 50.672 ng
RT: 10.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF126851.D
Acq: 10 Feb 2022 18:51

Tgt Ion:330 Resp: 141226
Ion Ratio Lower Upper
330 100
332 97.5 78.2 117.4
141 38.9 31.2 46.8

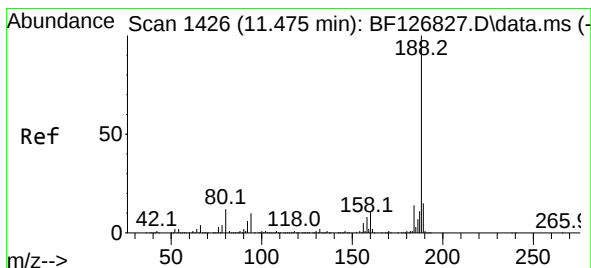
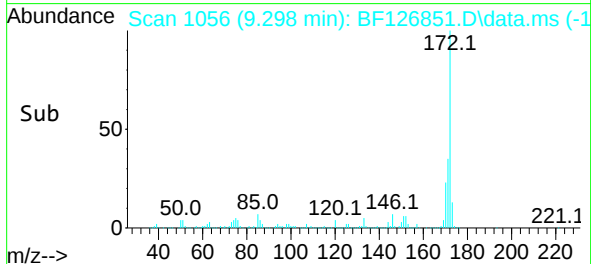
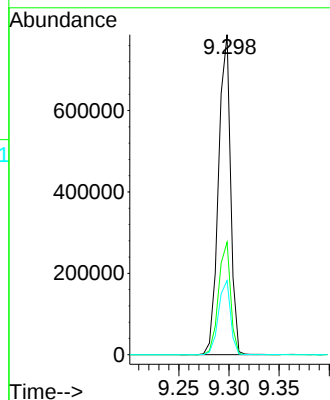
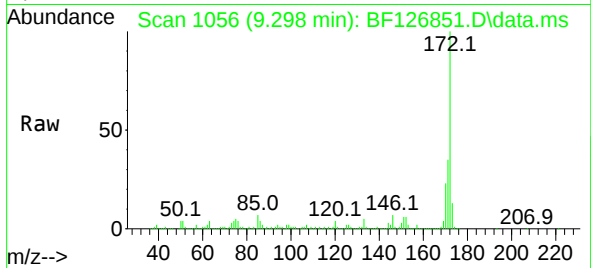




#45
2-Fluorobiphenyl
Concen: 38.094 ng
RT: 9.298 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BF126851.D
Acq: 10 Feb 2022 18:51

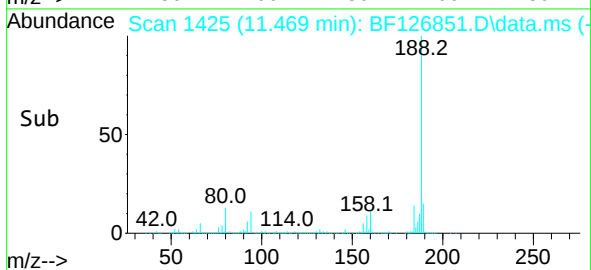
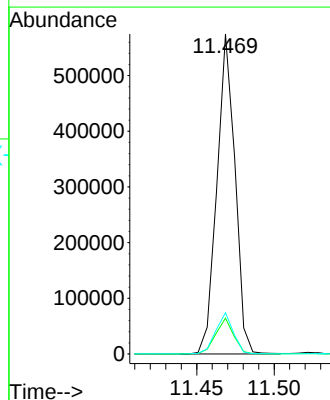
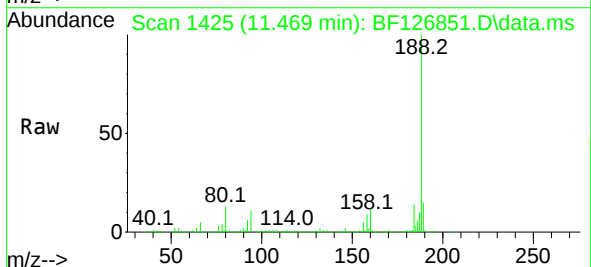
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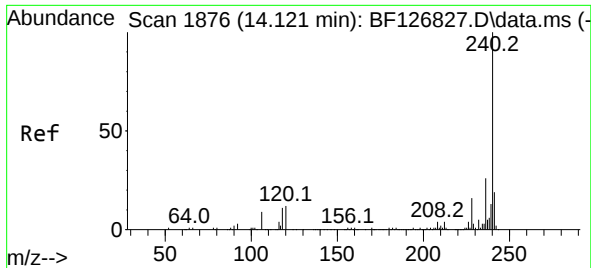
Tgt Ion:172 Resp: 657902
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.2 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF126851.D
Acq: 10 Feb 2022 18:51

Tgt Ion:188 Resp: 466466
Ion Ratio Lower Upper
188 100
94 11.2 8.1 12.1
80 12.9 9.5 14.3

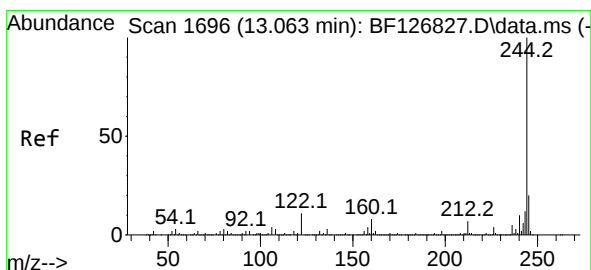
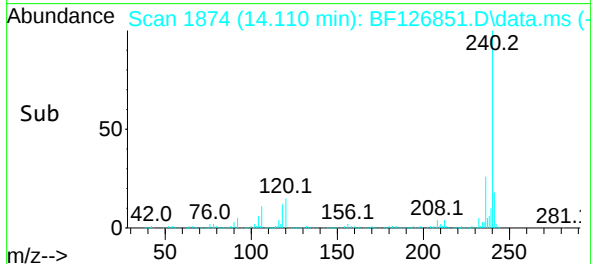
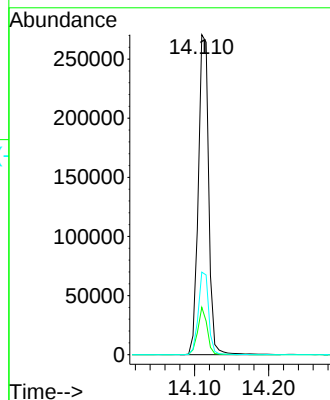
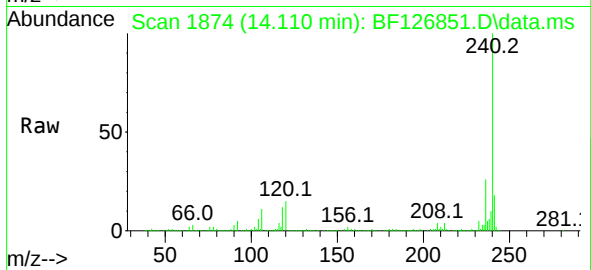




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 1874
Delta R.T. -0.012 min
Lab File: BF126851.D
Acq: 10 Feb 2022 18:51

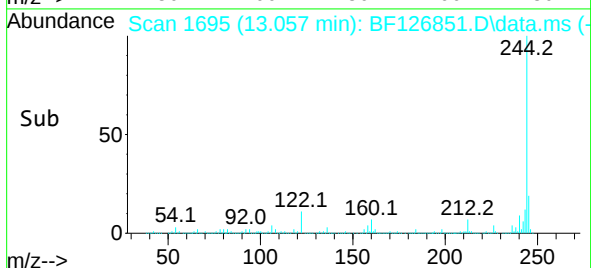
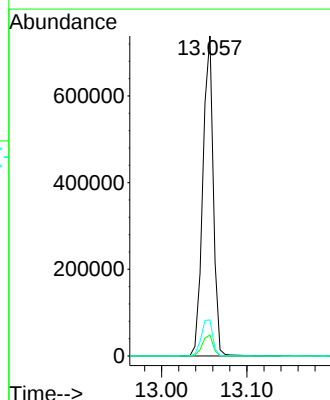
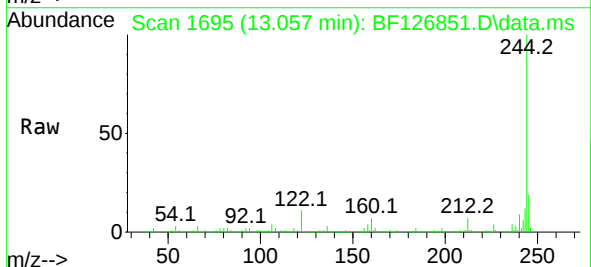
Instrument :
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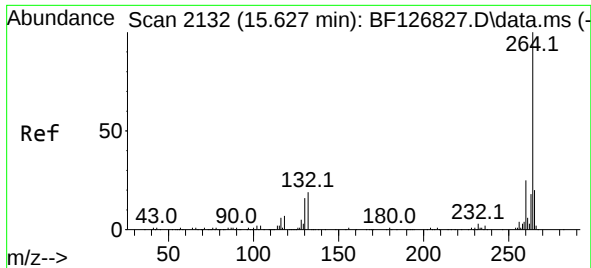
Tgt Ion:240 Resp: 263605
Ion Ratio Lower Upper
240 100
120 14.8 9.8 14.6#
236 25.8 20.5 30.7



#79
Terphenyl-d14
Concen: 34.179 ng
RT: 13.057 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BF126851.D
Acq: 10 Feb 2022 18:51

Tgt Ion:244 Resp: 628487
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 11.3 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: BF126851.D
 Acq: 10 Feb 2022 18:51

Instrument :
 BNA_F
 ClientSampleId :
 MW-9DL

Tgt Ion:264 Resp: 216644
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.6 29.4
 265 20.1 15.9 23.9

