

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
 Data File : BF140426.D
 Acq On : 16 Nov 2024 13:38
 Operator : RC/JU
 Sample : P4821-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-2

Quant Time: Nov 18 00:06:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

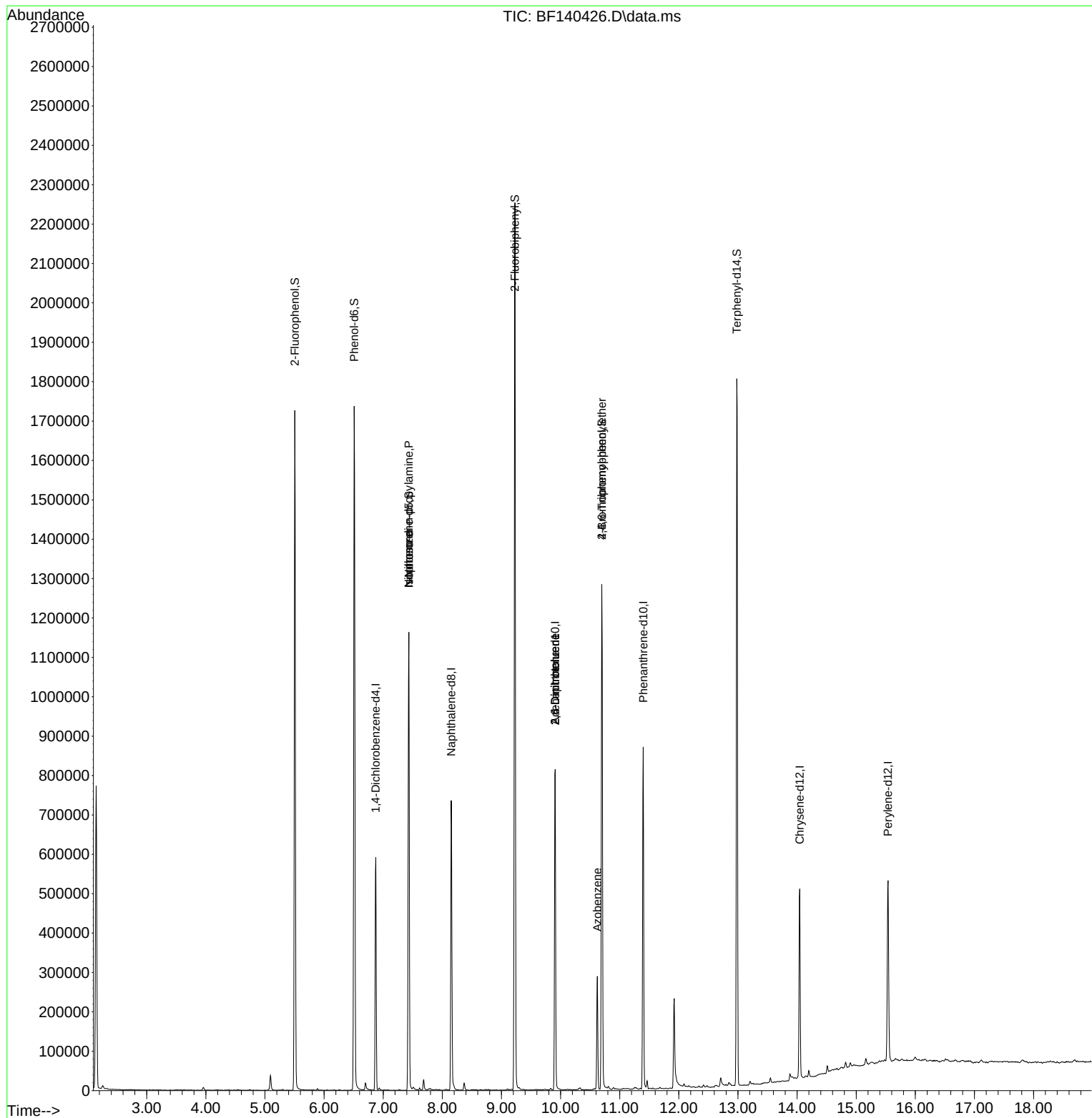
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	124880	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	473478	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	253920	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	462778	20.000	ng	0.00
76) Chrysene-d12	14.045	240	235448	20.000	ng	0.00
86) Perylene-d12	15.539	264	276424	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	640714	87.600	ng	0.01
7) Phenol-d6	6.510	99	829986	83.757	ng	0.00
23) Nitrobenzene-d5	7.434	82	534359	58.802	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	214600	84.989	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1002122	63.444	ng	0.00
79) Terphenyl-d14	12.980	244	897443	66.162	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	71131	11.885	ng	# 76
25) Isophorone	7.434	82	528750	32.830	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	33201	8.799	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	33201	6.686	ng	# 20
63) Azobenzene	10.622	77	74324	4.445	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	14199	3.069	ng	# 1

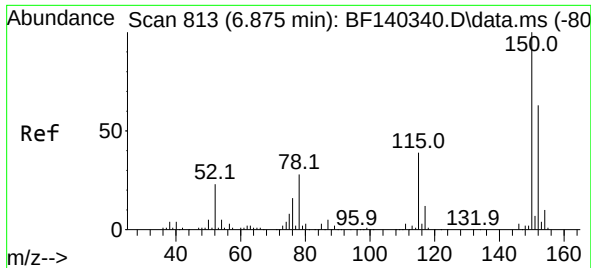
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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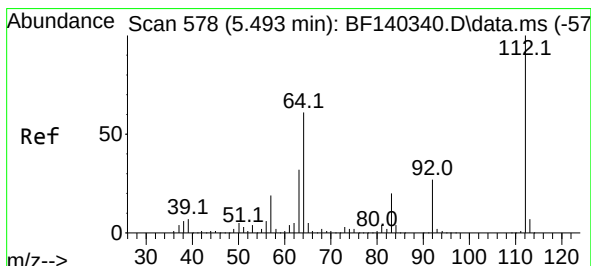
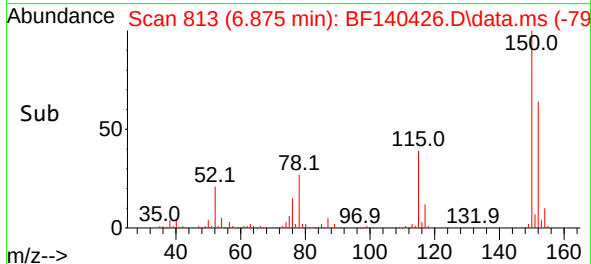
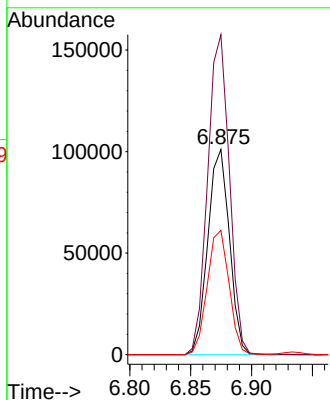
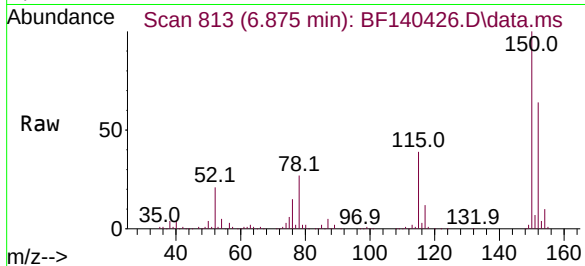




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140426.D
Acq: 16 Nov 2024 13:38

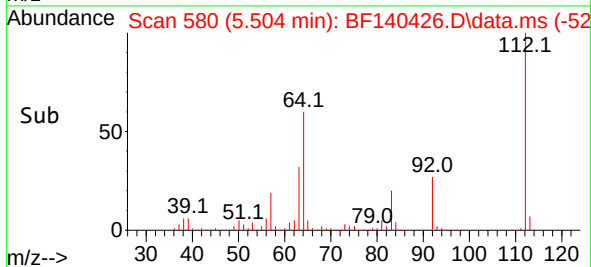
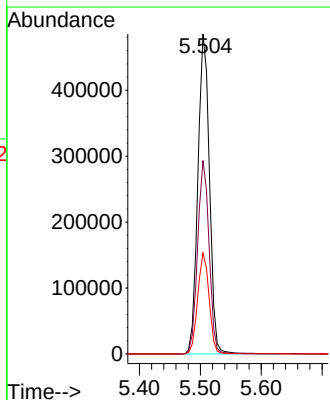
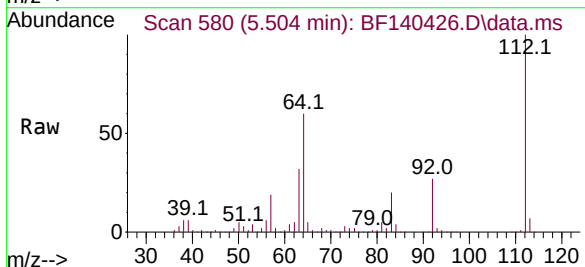
Instrument :
BNA_F
ClientSampleId :
BP-F-2

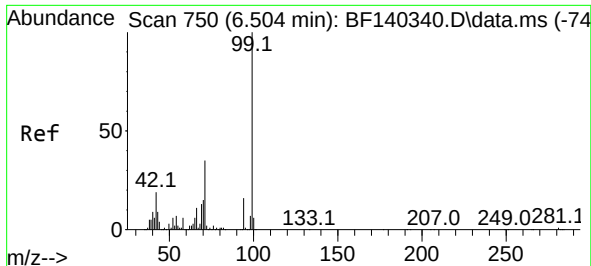
Tgt Ion:152 Resp: 124880
Ion Ratio Lower Upper
152 100
150 155.9 127.4 191.0
115 60.6 47.4 71.2



#5
2-Fluorophenol
Concen: 87.600 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140426.D
Acq: 16 Nov 2024 13:38

Tgt Ion:112 Resp: 640714
Ion Ratio Lower Upper
112 100
64 60.5 49.2 73.8
63 31.5 25.6 38.4

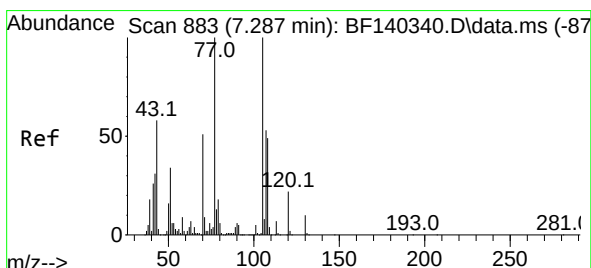
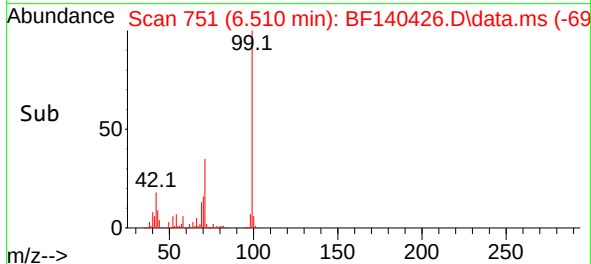
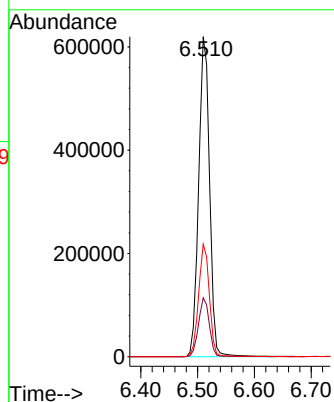
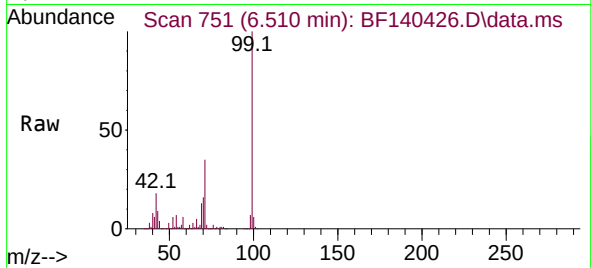




#7
Phenol-d6
Concen: 83.757 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140426.D
Acq: 16 Nov 2024 13:38

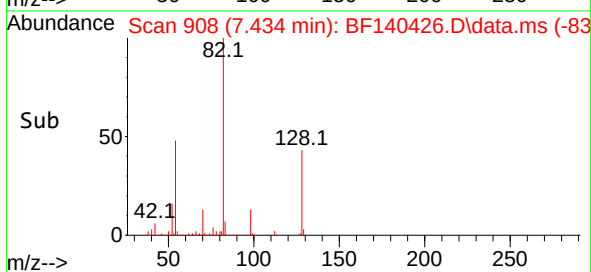
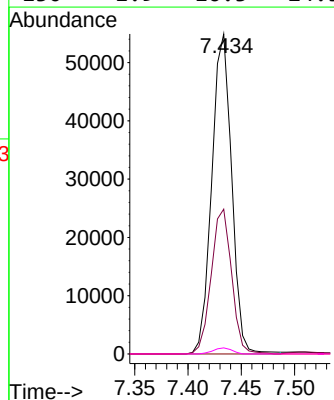
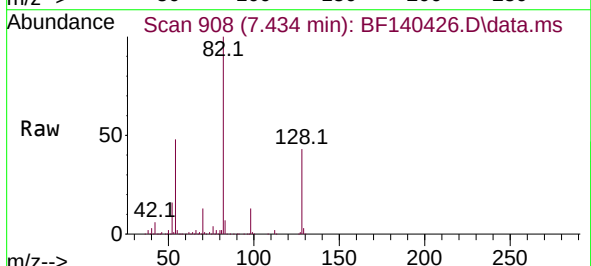
Instrument :
BNA_F
ClientSampleId :
BP-F-2

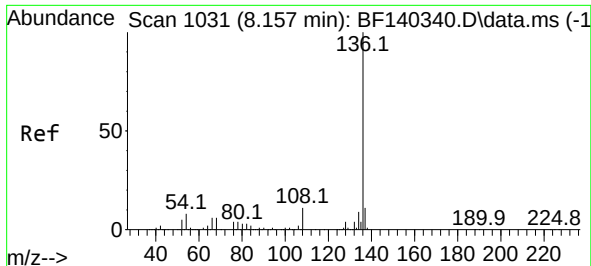
Tgt Ion: 99 Resp: 829986
Ion Ratio Lower Upper
99 100
42 18.4 15.1 22.7
71 35.1 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 11.885 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140426.D
Acq: 16 Nov 2024 13:38

Tgt Ion: 70 Resp: 71131
Ion Ratio Lower Upper
70 100
42 45.3 46.8 70.2#
101 0.0 7.5 11.3#
130 1.9 16.3 24.5#

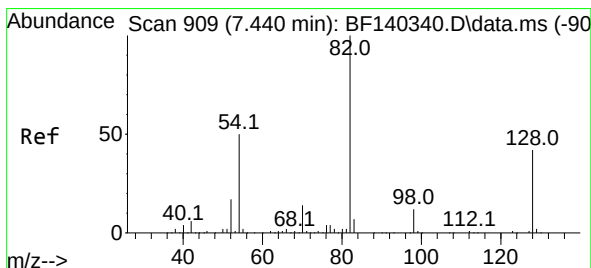
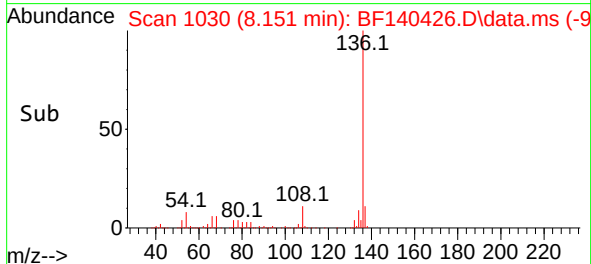
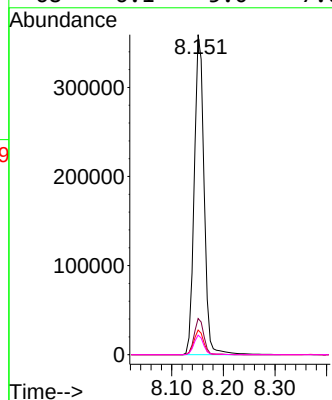
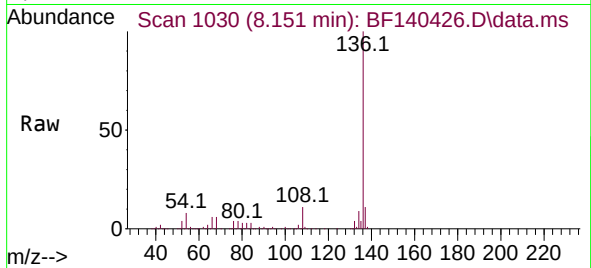




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140426.D
Acq: 16 Nov 2024 13:38

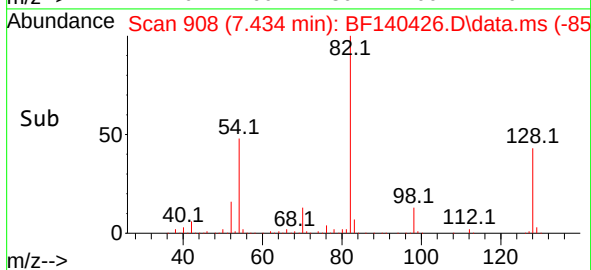
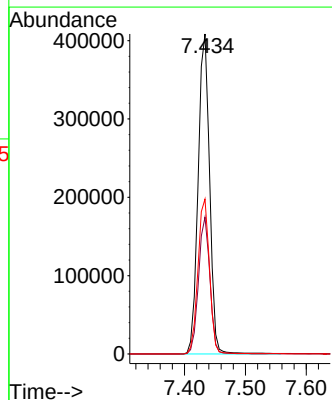
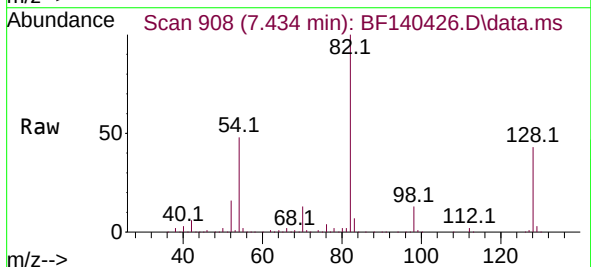
Instrument :
BNA_F
ClientSampleId :
BP-F-2

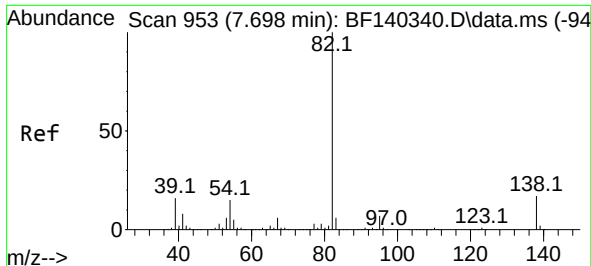
Tgt Ion:136 Resp: 473478
Ion Ratio Lower Upper
136 100
137 11.3 8.7 13.1
54 7.7 6.5 9.7
68 6.1 5.0 7.6



#23
Nitrobenzene-d5
Concen: 58.802 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140426.D
Acq: 16 Nov 2024 13:38

Tgt Ion: 82 Resp: 534359
Ion Ratio Lower Upper
82 100
128 42.8 33.3 49.9
54 48.4 39.8 59.8

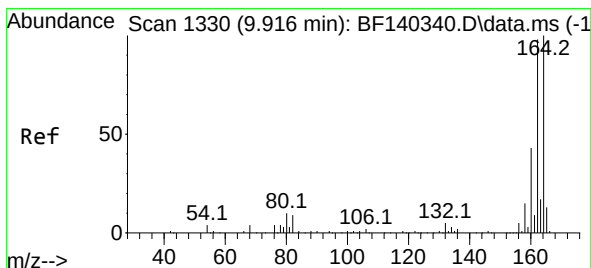
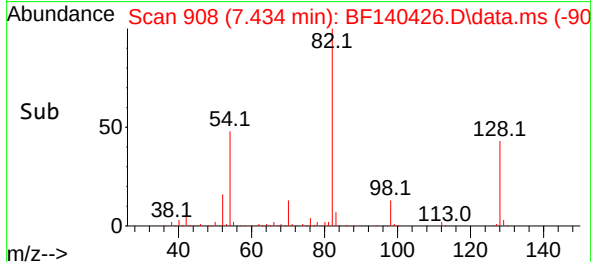
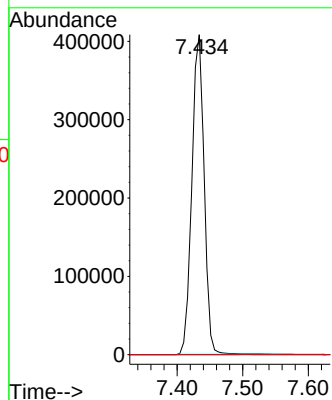
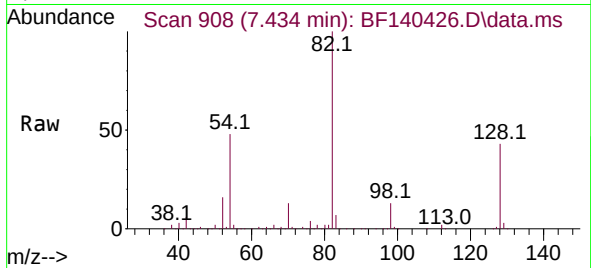




#25
Isophorone
Concen: 32.830 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140426.D
Acq: 16 Nov 2024 13:38

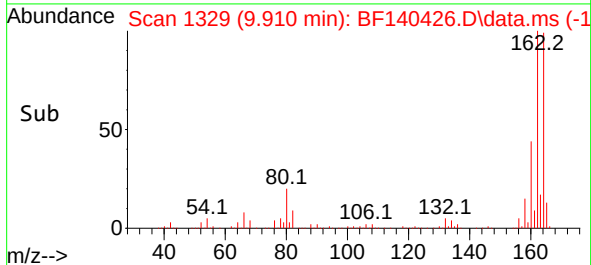
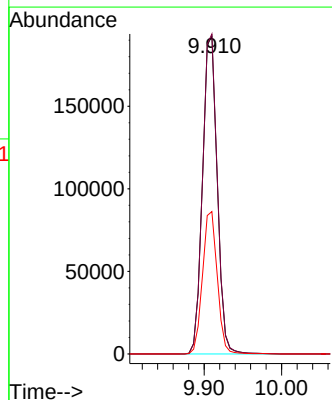
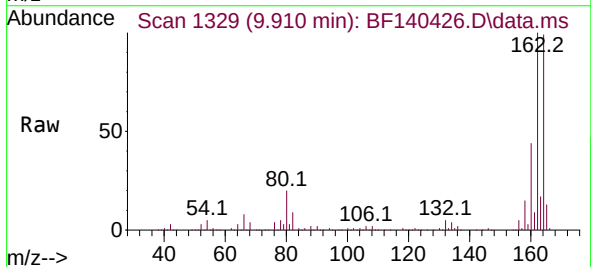
Instrument :
BNA_F
ClientSampleId :
BP-F-2

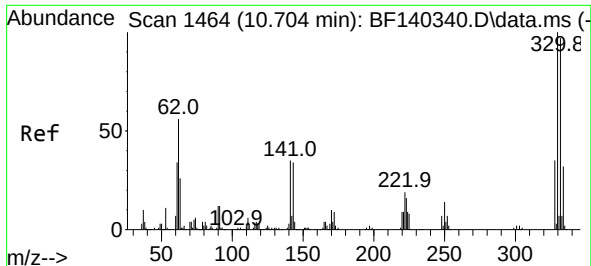
Tgt Ion: 82 Resp: 528750
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140426.D
Acq: 16 Nov 2024 13:38

Tgt Ion: 164 Resp: 253920
Ion Ratio Lower Upper
164 100
162 100.6 79.8 119.8
160 44.8 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 84.989 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140426.D

Acq: 16 Nov 2024 13:38

Instrument :

BNA_F

ClientSampleId :

BP-F-2

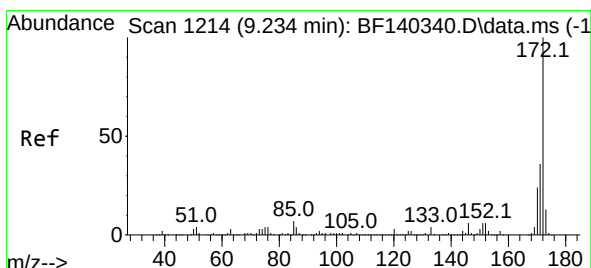
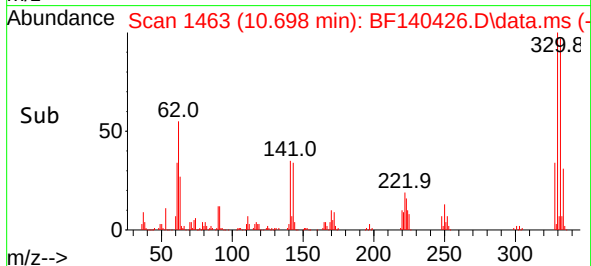
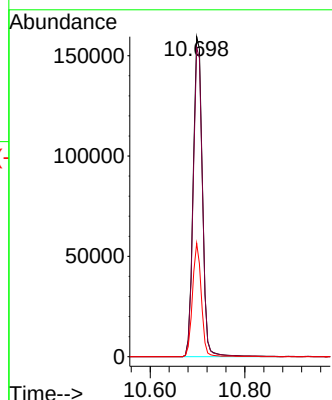
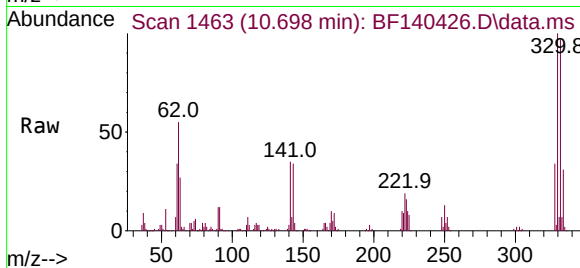
Tgt Ion:330 Resp: 214600

Ion Ratio Lower Upper

330 100

332 97.0 75.9 113.9

141 33.9 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 63.444 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140426.D

Acq: 16 Nov 2024 13:38

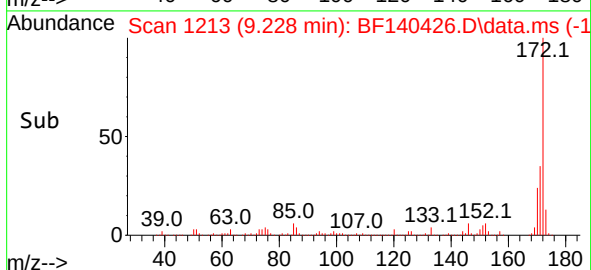
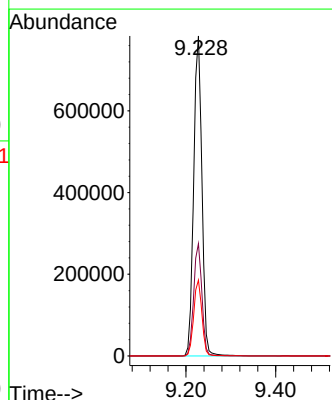
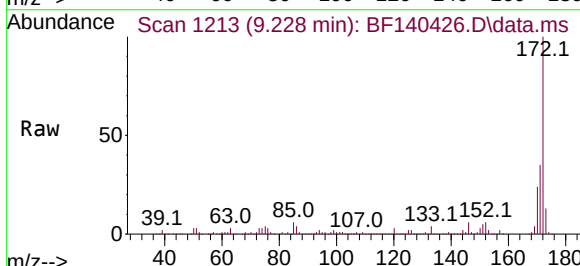
Tgt Ion:172 Resp: 1002122

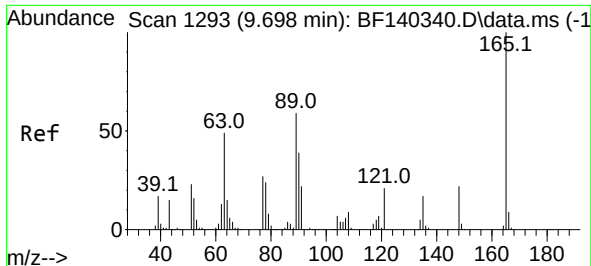
Ion Ratio Lower Upper

172 100

171 35.1 28.5 42.7

170 23.7 19.1 28.7

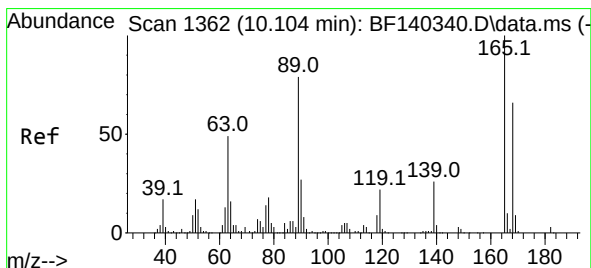
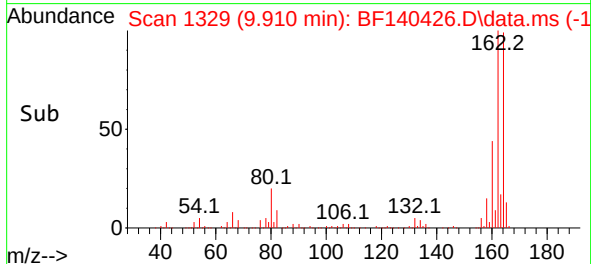
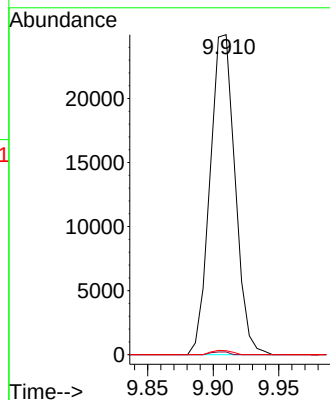
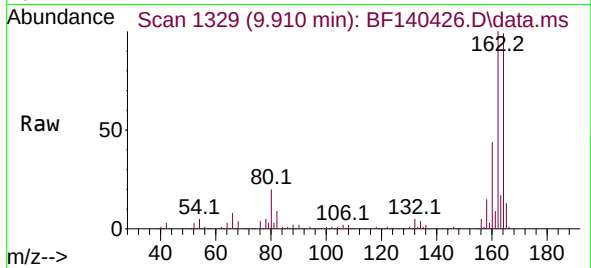




#51
2,6-Dinitrotoluene
Concen: 8.799 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140426.D
Acq: 16 Nov 2024 13:38

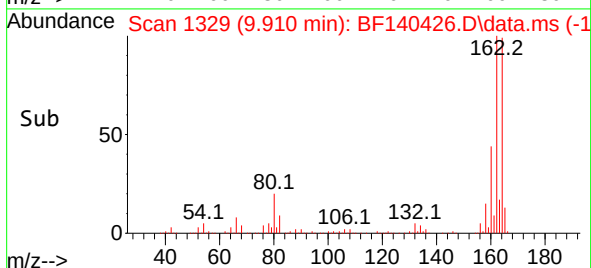
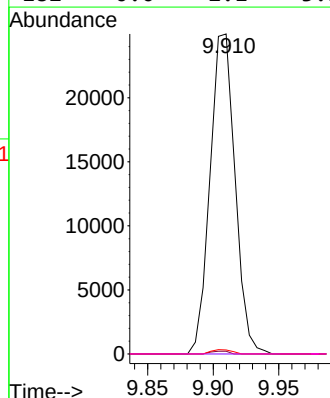
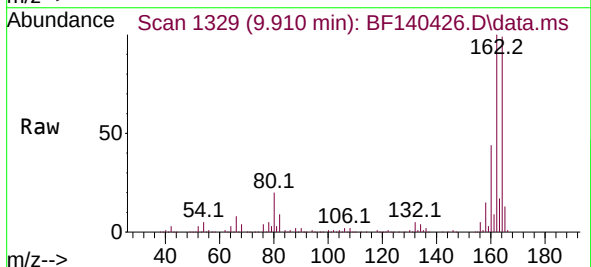
Instrument :
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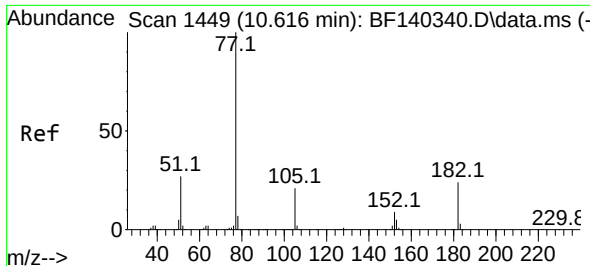
Tgt Ion:165 Resp: 33201
Ion Ratio Lower Upper
165 100
63 0.8 47.6 71.4#
89 1.3 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.686 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140426.D
Acq: 16 Nov 2024 13:38

Tgt Ion:165 Resp: 33201
Ion Ratio Lower Upper
165 100
63 0.8 39.4 59.0#
89 1.3 62.4 93.6#
182 0.0 2.1 3.1#

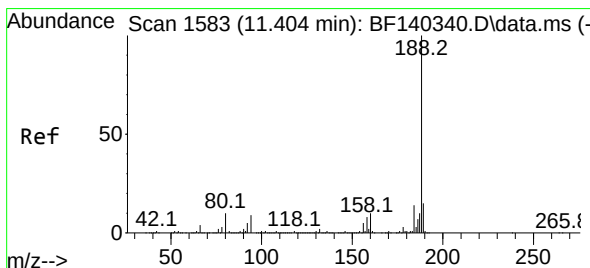
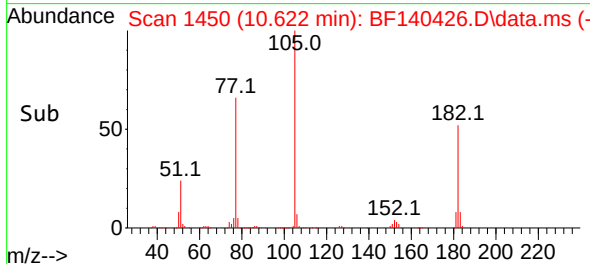
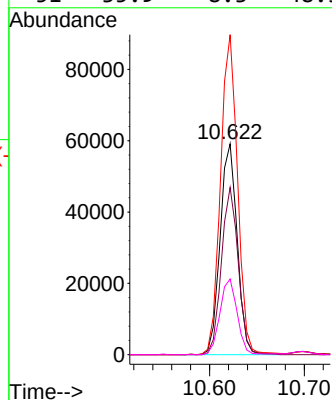
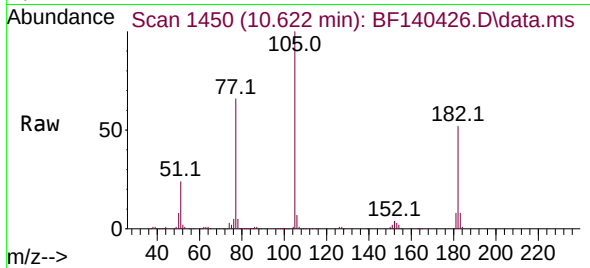




#63
Azobenzene
Concen: 4.445 ng
RT: 10.622 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF140426.D
Acq: 16 Nov 2024 13:38

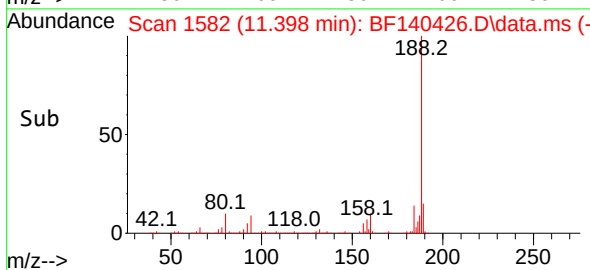
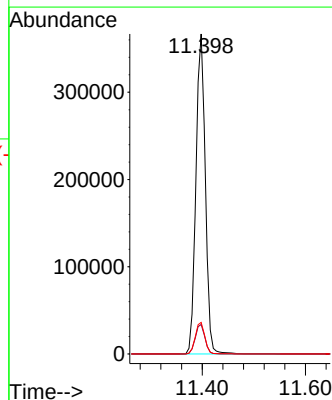
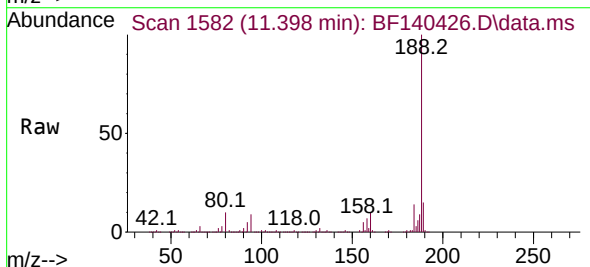
Instrument :
BNA_F
ClientSampleId :
BP-F-2

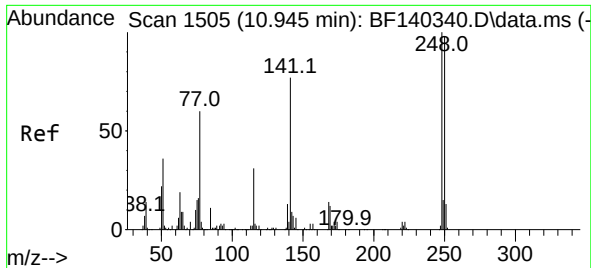
Tgt Ion: 77	Resp: 74324
Ion Ratio	Lower Upper
77 100	
182 79.3	4.6 44.6#
105 151.7	0.9 40.9#
51 35.9	8.3 48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140426.D
Acq: 16 Nov 2024 13:38

Tgt Ion: 188	Resp: 462778
Ion Ratio	Lower Upper
188 100	
94 9.2	7.6 11.4
80 9.9	8.0 12.0

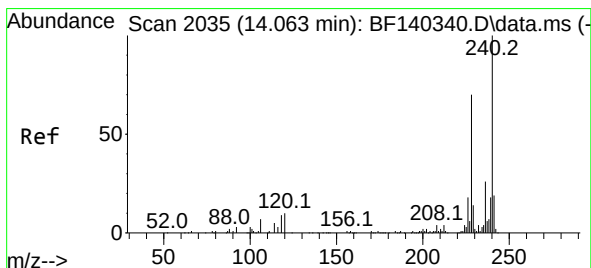
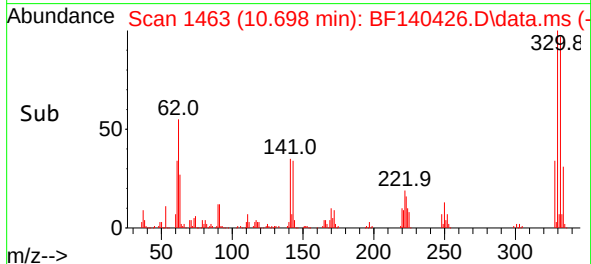
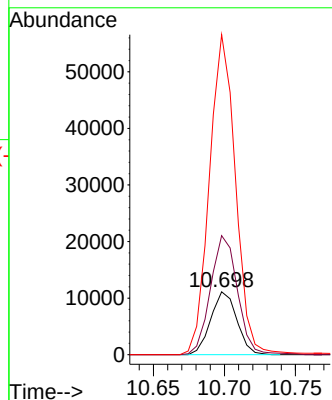
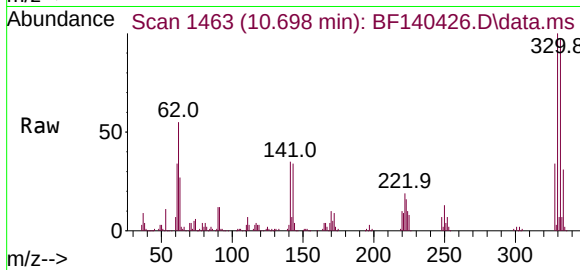




#67
4-Bromophenyl-phenylether
Concen: 3.069 ng
RT: 10.698 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF140426.D
Acq: 16 Nov 2024 13:38

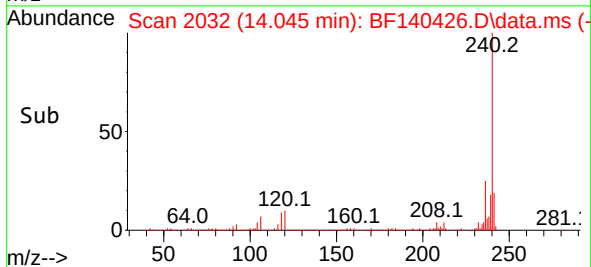
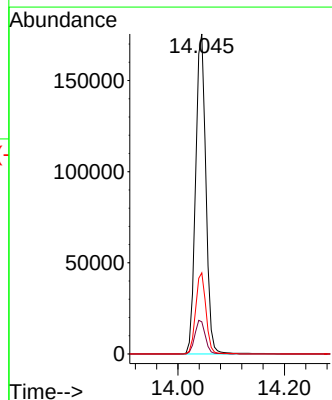
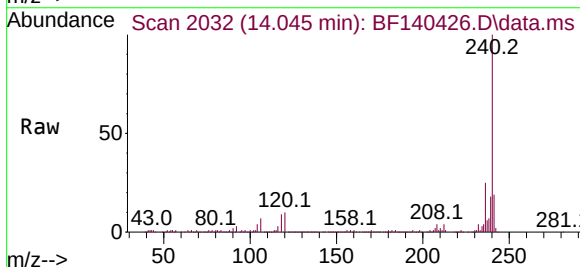
Instrument :
BNA_F
ClientSampleId :
BP-F-2

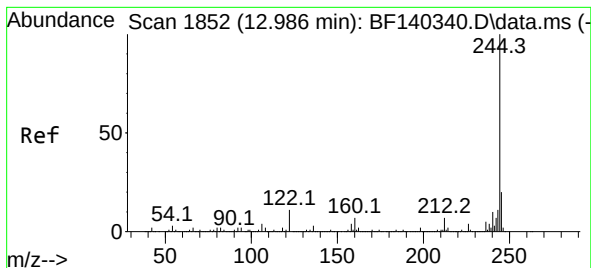
Tgt Ion:248 Resp: 14199
Ion Ratio Lower Upper
248 100
250 189.3 77.9 116.9#
141 509.0 61.8 92.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140426.D
Acq: 16 Nov 2024 13:38

Tgt Ion:240 Resp: 235448
Ion Ratio Lower Upper
240 100
120 10.1 8.8 13.2
236 25.4 20.9 31.3





#79

Terphenyl-d14

Concen: 66.162 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140426.D

Acq: 16 Nov 2024 13:38

Instrument :

BNA_F

ClientSampleId :

BP-F-2

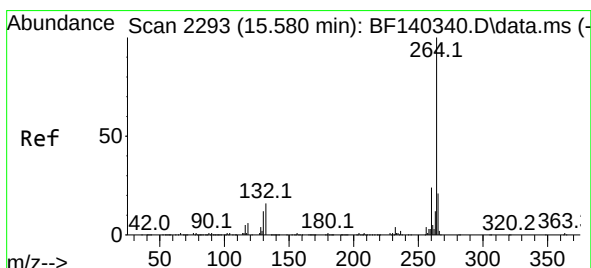
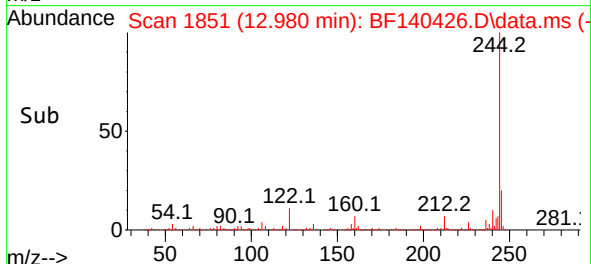
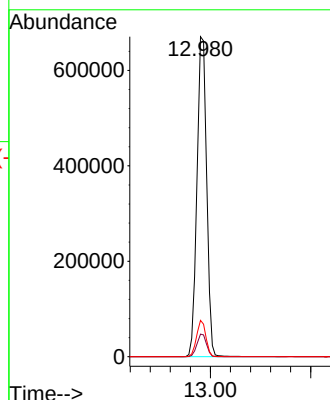
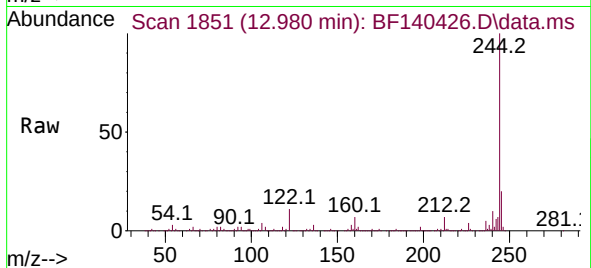
Tgt Ion:244 Resp: 897443

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 11.4 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. -0.018 min

Lab File: BF140426.D

Acq: 16 Nov 2024 13:38

Tgt Ion:264 Resp: 276424

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.4 17.1 25.7

