

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

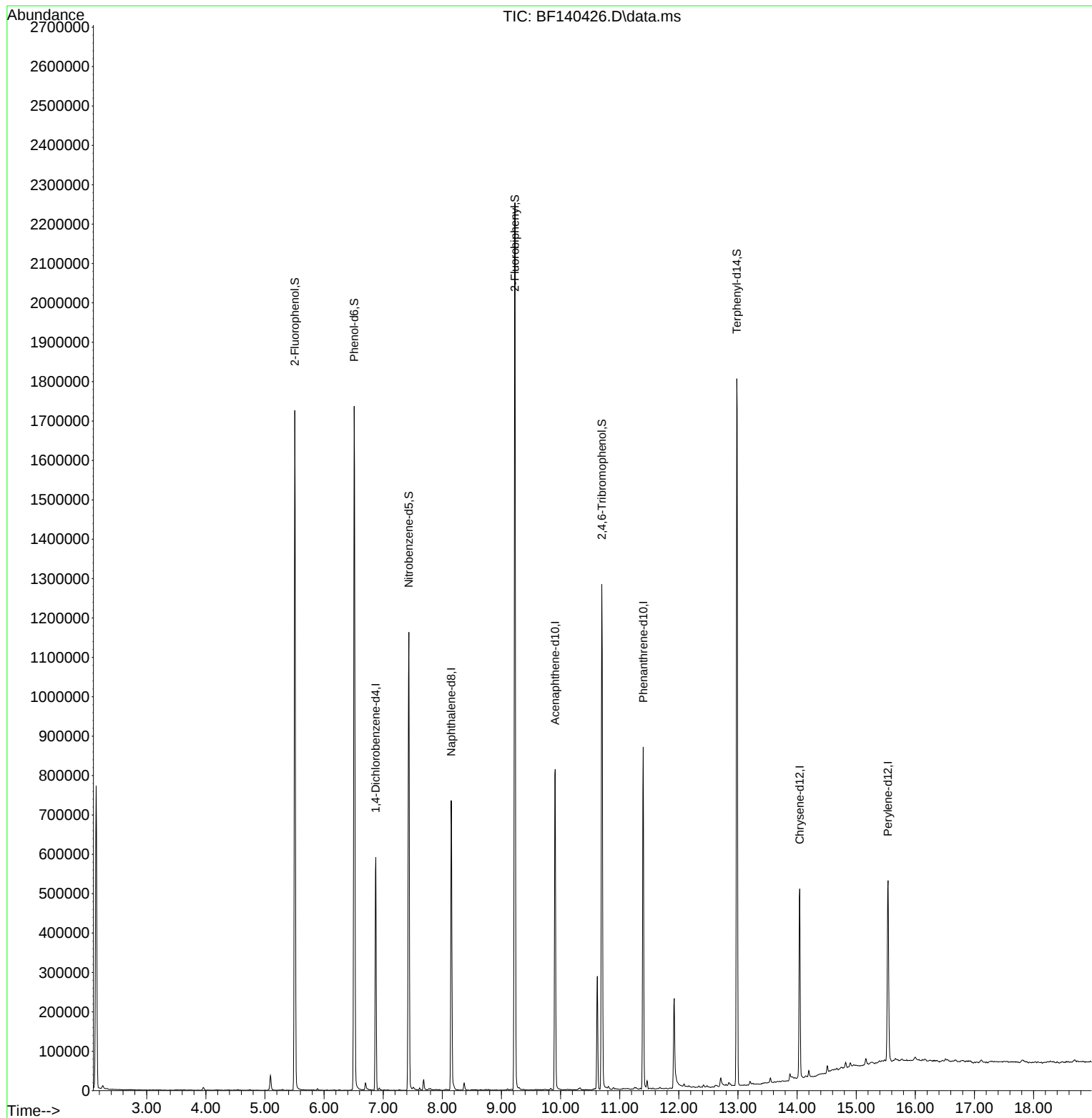
Target Compounds	Qvalue

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

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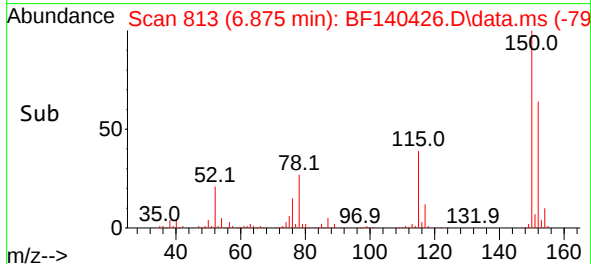
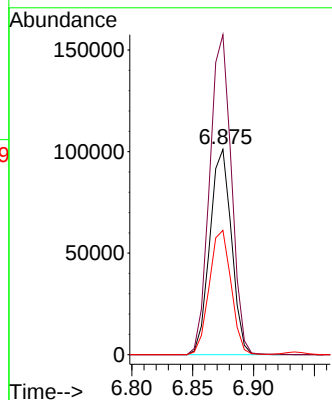
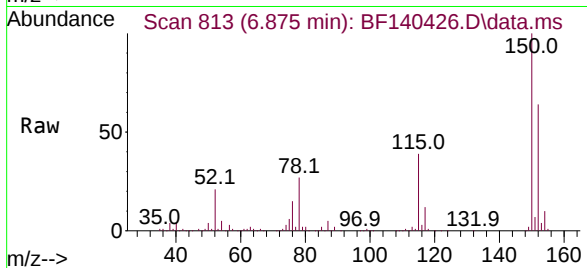




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140426.D
Acq: 16 Nov 2024 13:38

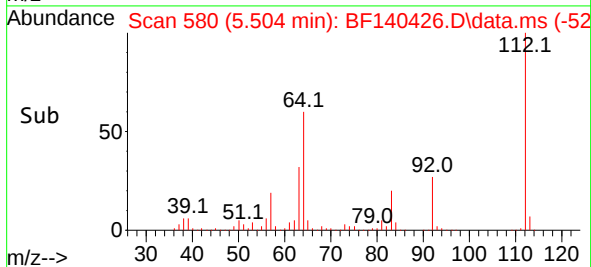
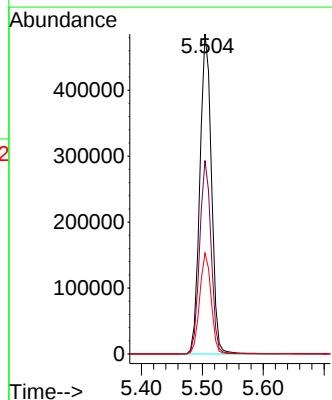
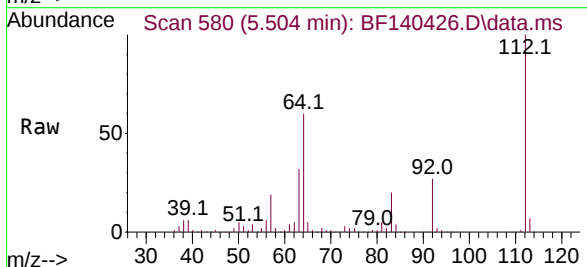
Instrument :
BNA_F
ClientSampleId :
BP-F-2

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

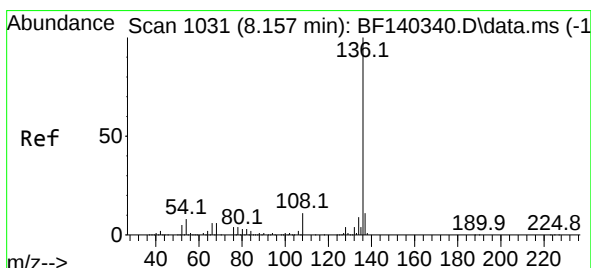
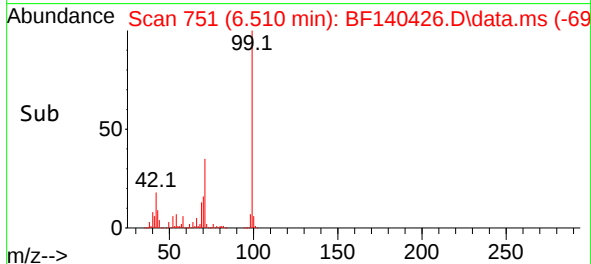
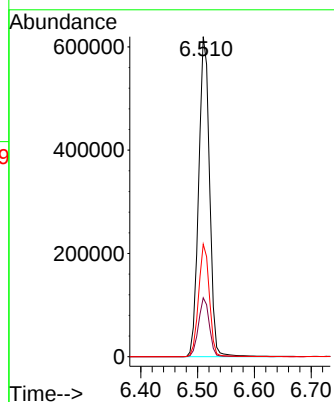
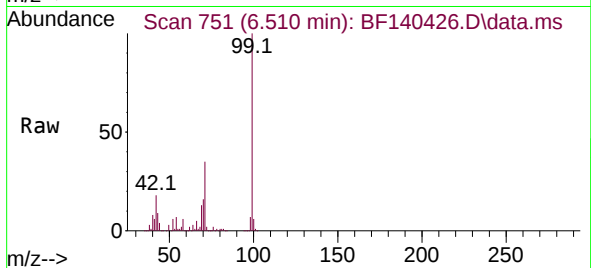




#7
Phenol-d6
Concen: 83.757 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140426.D
Acq: 16 Nov 2024 13:38

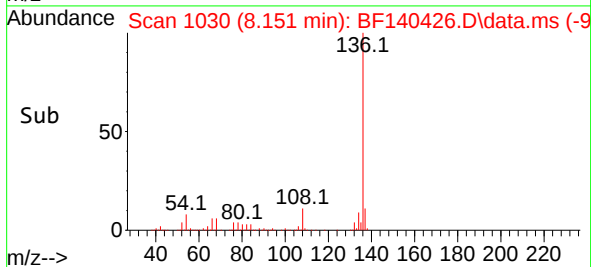
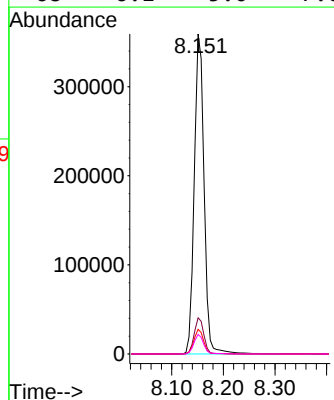
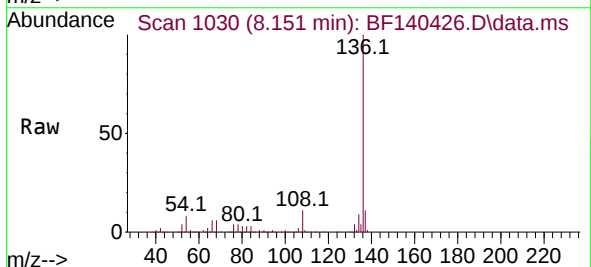
Instrument :
BNA_F
ClientSampleId :
BP-F-2

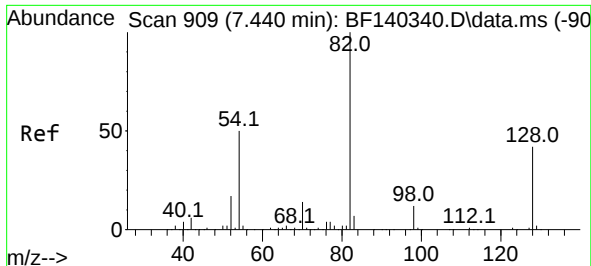
Tgt Ion: 99 Resp: 829986
Ion Ratio Lower Upper
99 100
42 18.4 15.1 22.7
71 35.1 27.9 41.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140426.D
Acq: 16 Nov 2024 13:38

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# 909

Delta R.T. -0.006 min

Lab File: BF140426.D

Acq: 16 Nov 2024 13:38

Instrument :

BNA_F

ClientSampleId :

BP-F-2

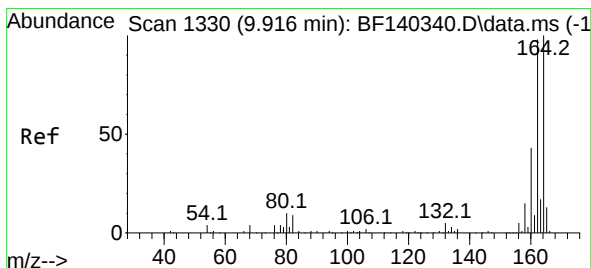
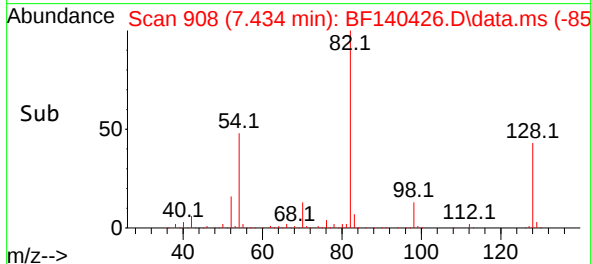
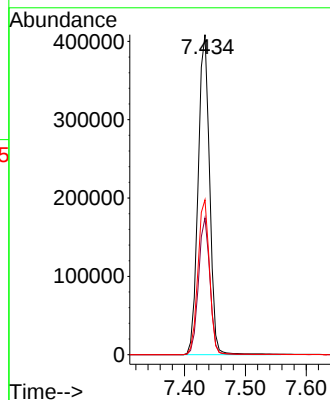
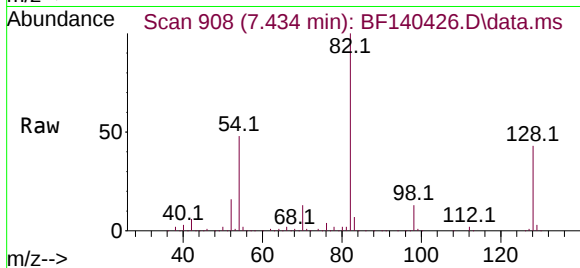
Tgt Ion: 82 Resp: 534359

Ion Ratio Lower Upper

82 100

128 42.8 33.3 49.9

54 48.4 39.8 59.8



#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

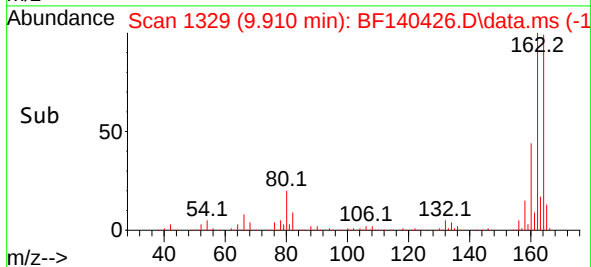
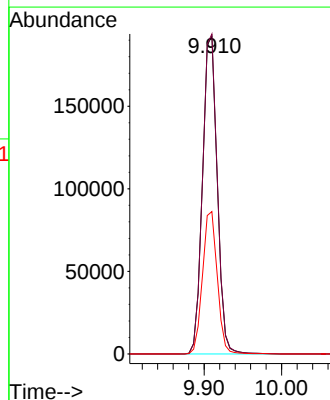
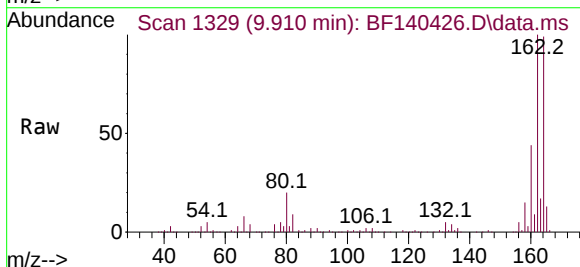
Tgt Ion:164 Resp: 253920

Ion Ratio Lower Upper

164 100

162 100.6 79.8 119.8

160 44.8 35.4 53.0

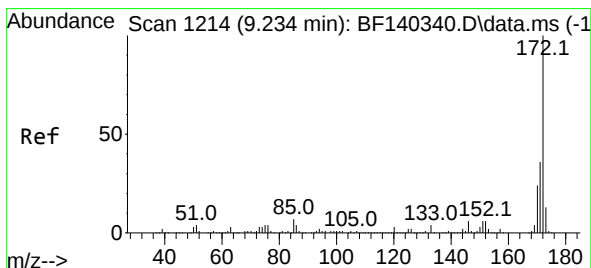
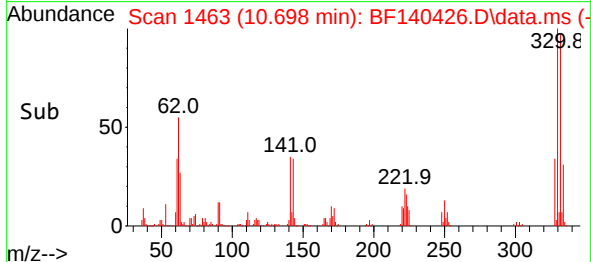
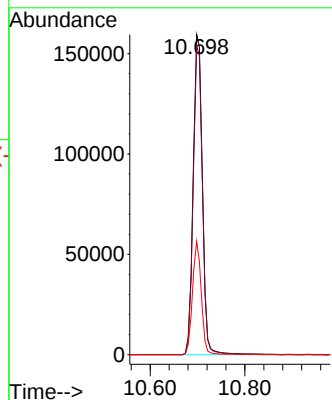
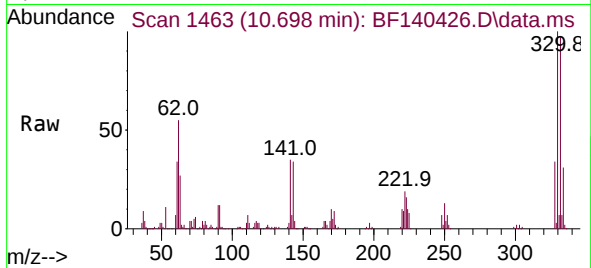




#42
2,4,6-Tribromophenol
Concen: 84.989 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140426.D
Acq: 16 Nov 2024 13:38

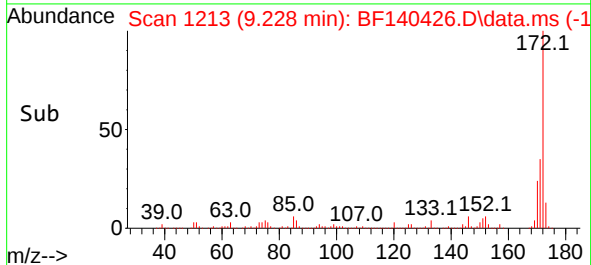
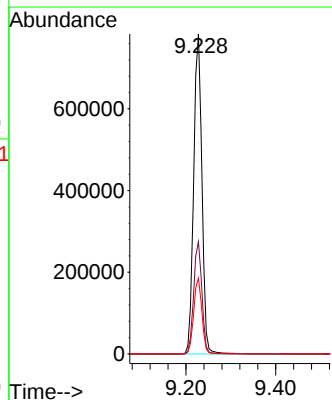
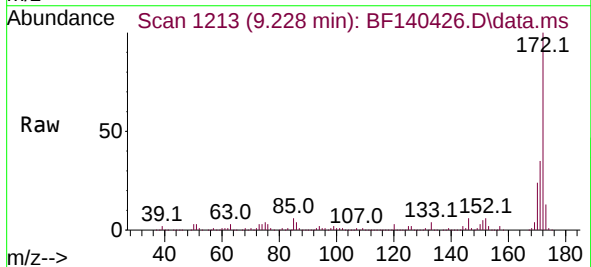
Instrument :
BNA_F
ClientSampleId :
BP-F-2

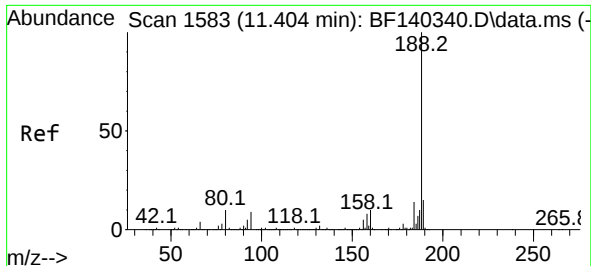
Tgt Ion:330 Resp: 214600
Ion Ratio Lower Upper
330 100
332 97.0 75.9 113.9
141 33.9 26.9 40.3



#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

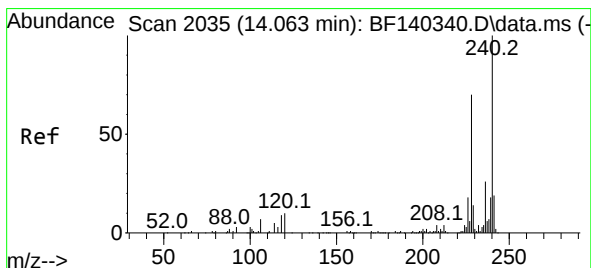
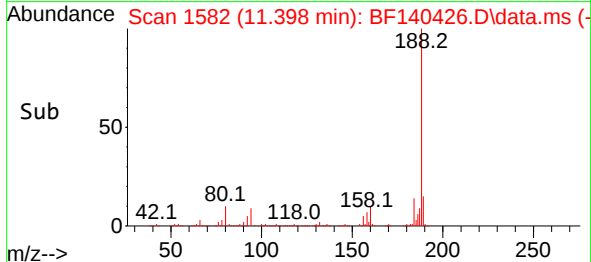
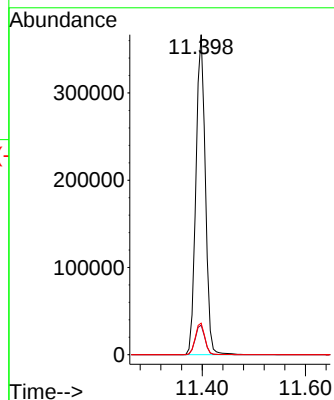
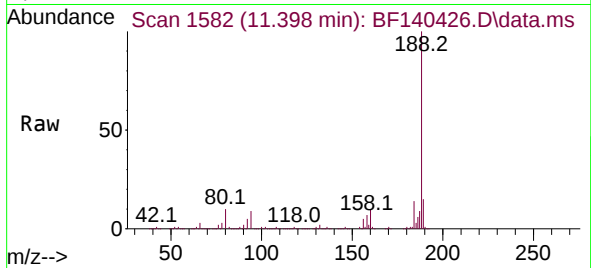




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140426.D
Acq: 16 Nov 2024 13:38

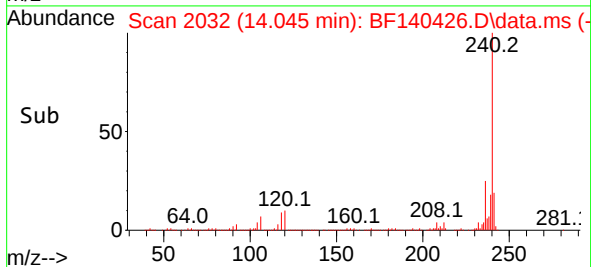
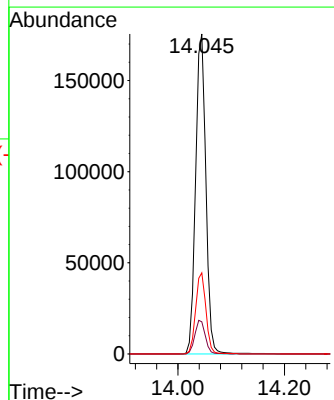
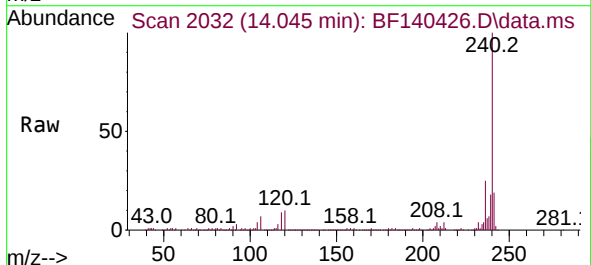
Instrument :
BNA_F
ClientSampleId :
BP-F-2

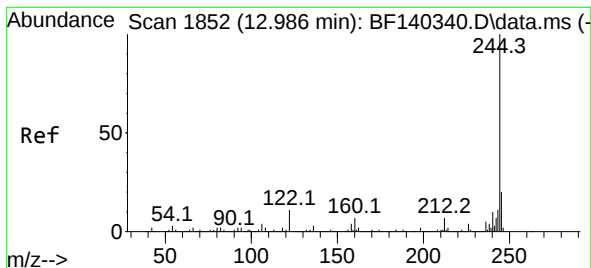
Tgt Ion:188 Resp: 462778
Ion Ratio Lower Upper
188 100
94 9.2 7.6 11.4
80 9.9 8.0 12.0



#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

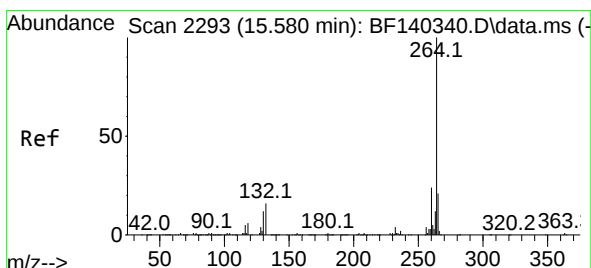
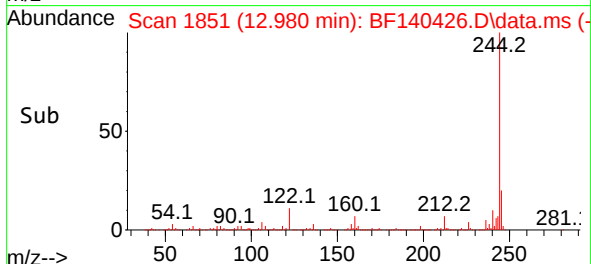
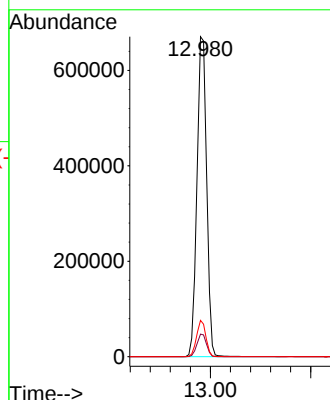
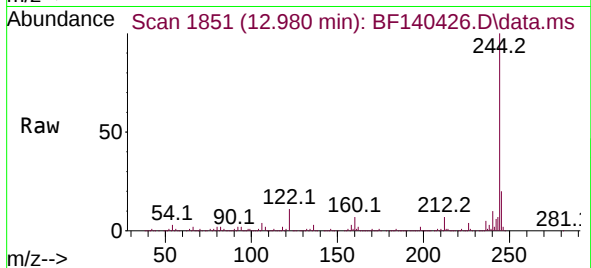
Tgt Ion:244 Resp: 897443

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

