

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
 Data File : BF140306.D
 Acq On : 08 Nov 2024 18:29
 Operator : RC/JU
 Sample : P4756-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-B4

Quant Time: Nov 08 21:47:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 16:47:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	106091	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	372688	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	187605	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	321471	20.000	ng	0.00
76) Chrysene-d12	14.057	240	223641	20.000	ng	0.00
86) Perylene-d12	15.556	264	176151	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	733969	114.651	ng	0.00
7) Phenol-d6	6.504	99	947273	115.040	ng	0.00
23) Nitrobenzene-d5	7.439	82	578218	77.137	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	218158	117.645	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1010899	86.043	ng	0.00
79) Terphenyl-d14	12.998	244	1070534	78.415	ng	0.00

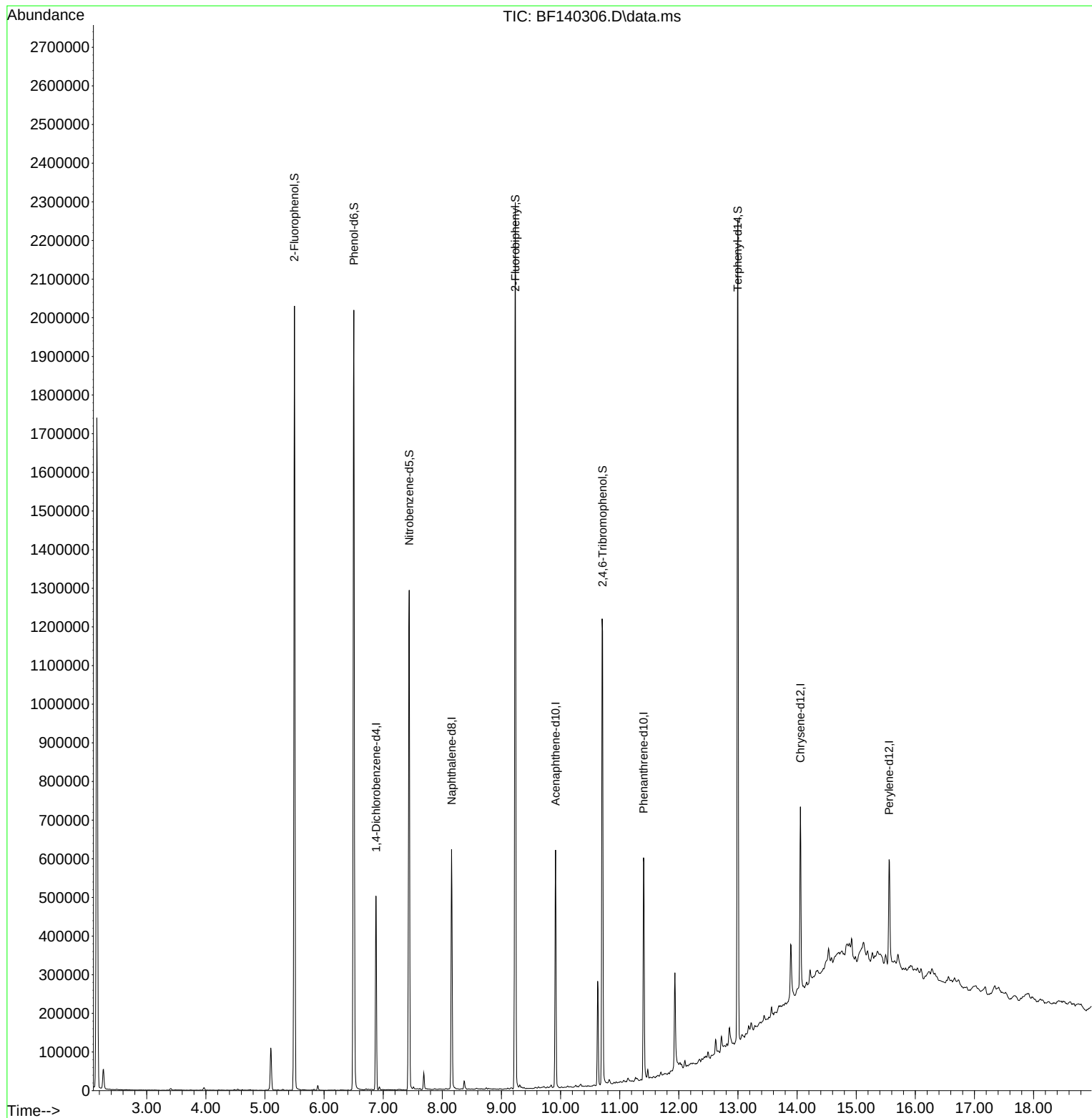
Target Compounds	Qvalue

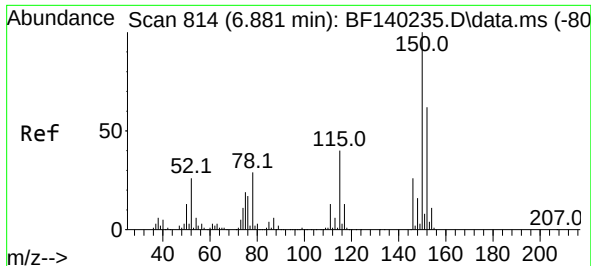
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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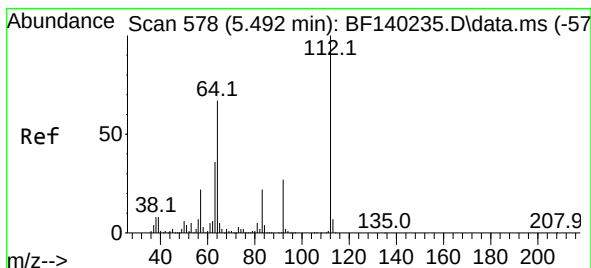
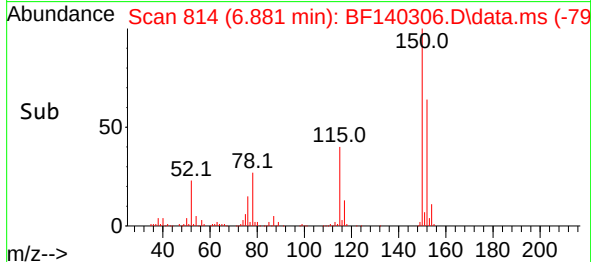
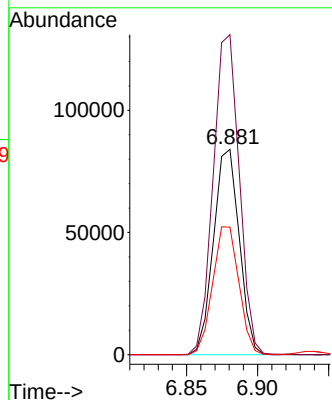
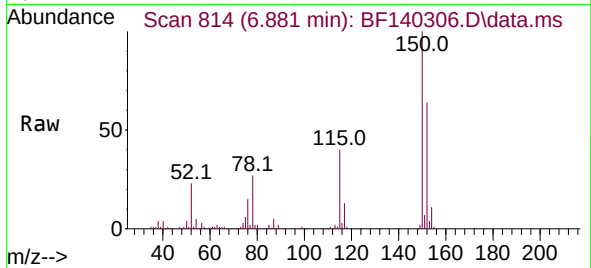




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF140306.D
Acq: 08 Nov 2024 18:29

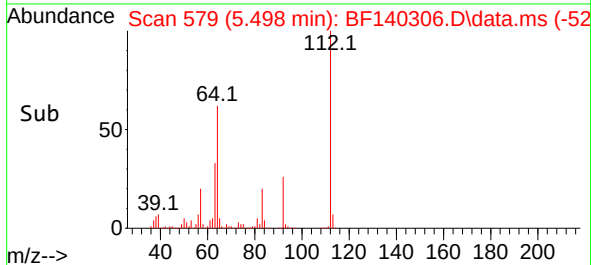
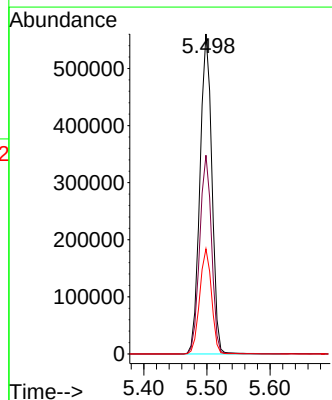
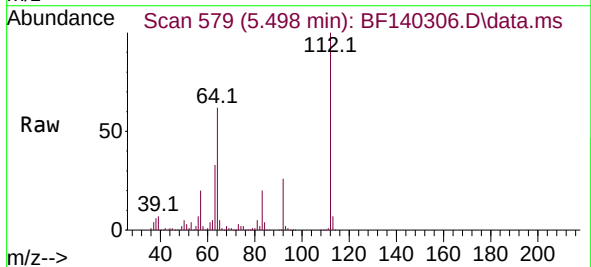
Instrument :
BNA_F
ClientSampleId :
BP-B4

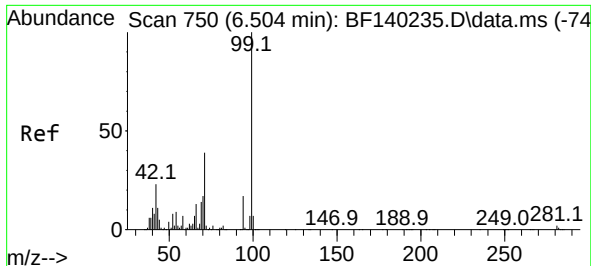
Tgt Ion:152 Resp: 106091
Ion Ratio Lower Upper
152 100
150 155.8 129.4 194.2
115 62.1 51.5 77.3



#5
2-Fluorophenol
Concen: 114.651 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF140306.D
Acq: 08 Nov 2024 18:29

Tgt Ion:112 Resp: 733969
Ion Ratio Lower Upper
112 100
64 62.1 53.4 80.2
63 32.8 28.9 43.3

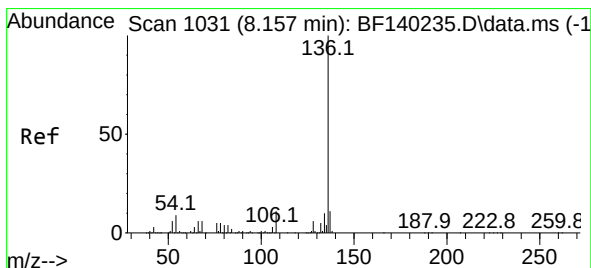
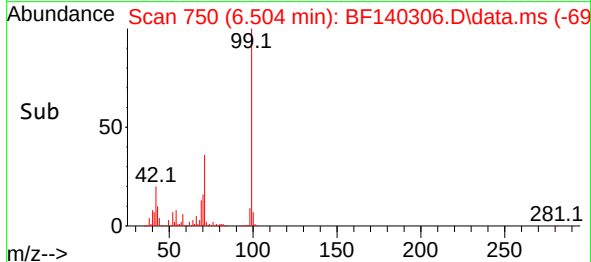
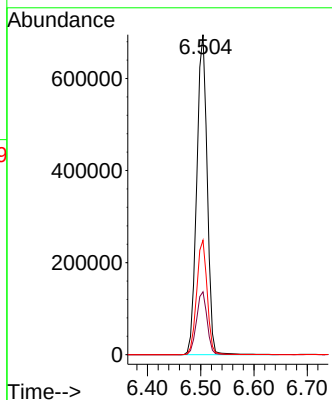
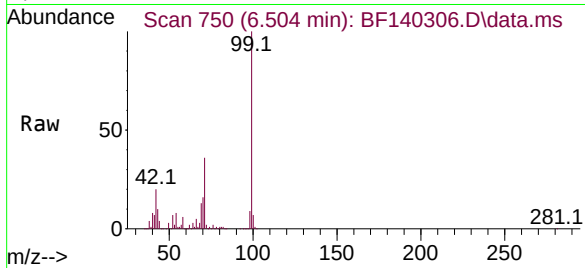




#7
Phenol-d6
Concen: 115.040 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140306.D
Acq: 08 Nov 2024 18:29

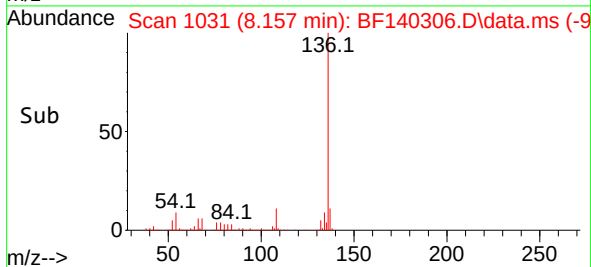
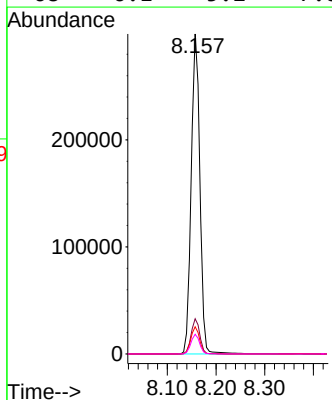
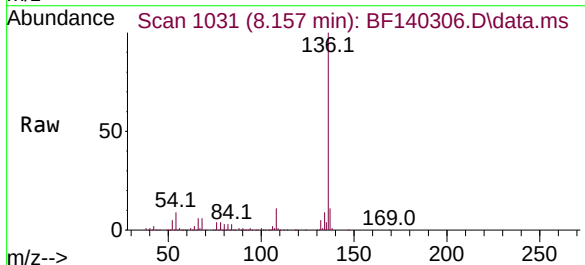
Instrument :
BNA_F
ClientSampleId :
BP-B4

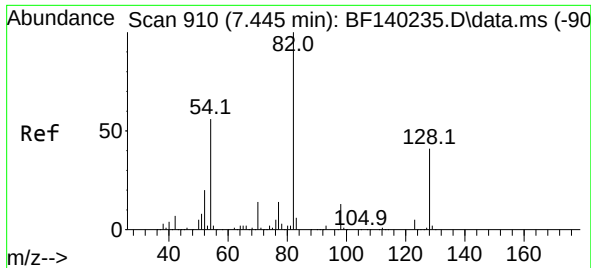
Tgt Ion: 99 Resp: 947273
Ion Ratio Lower Upper
99 100
42 19.6 18.2 27.2
71 35.8 30.9 46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140306.D
Acq: 08 Nov 2024 18:29

Tgt Ion: 136 Resp: 372688
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 8.5 7.7 11.5
68 6.1 5.2 7.8

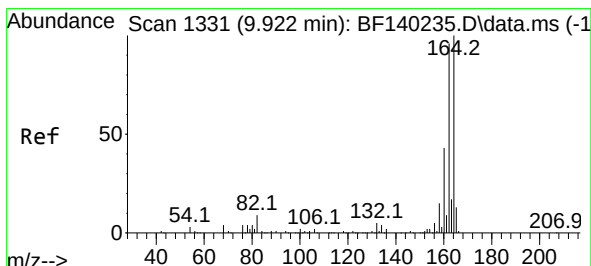
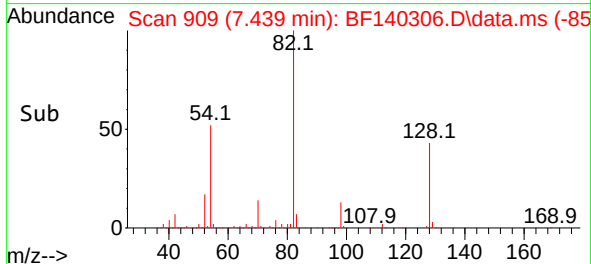
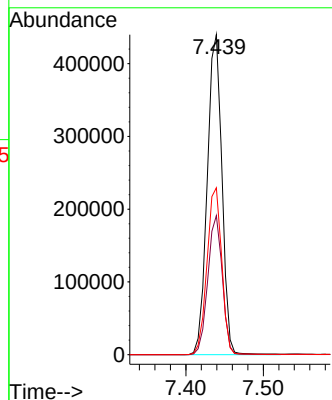
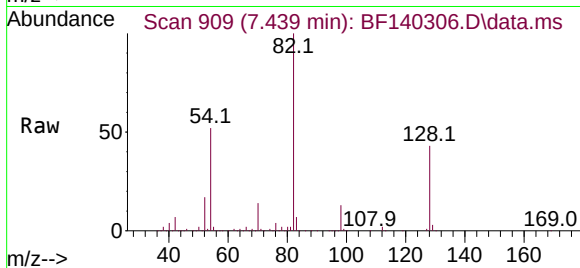




#23
Nitrobenzene-d5
Concen: 77.137 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140306.D
Acq: 08 Nov 2024 18:29

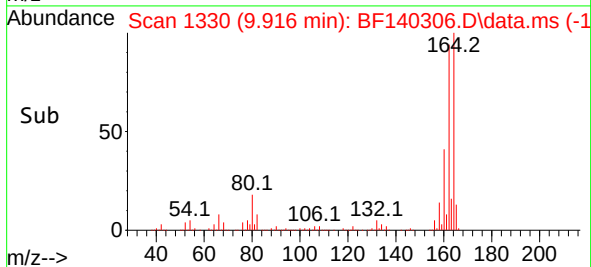
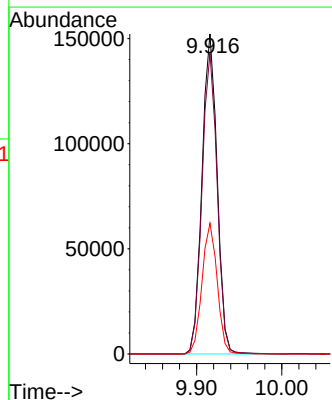
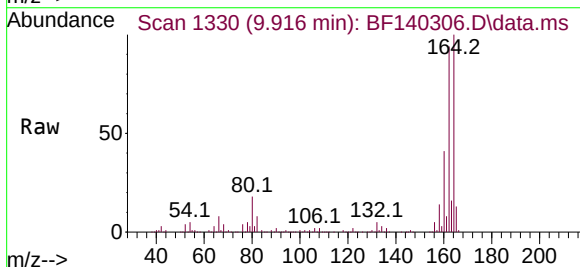
Instrument :
BNA_F
ClientSampleId :
BP-B4

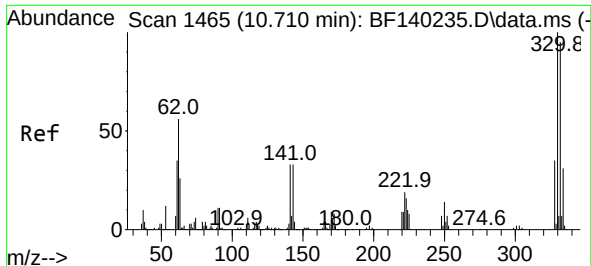
Tgt Ion: 82 Resp: 578218
Ion Ratio Lower Upper
82 100
128 43.5 32.8 49.2
54 52.2 44.3 66.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF140306.D
Acq: 08 Nov 2024 18:29

Tgt Ion:164 Resp: 187605
Ion Ratio Lower Upper
164 100
162 94.1 77.0 115.4
160 40.8 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 117.645 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.000 min

Lab File: BF140306.D

Acq: 08 Nov 2024 18:29

Instrument :

BNA_F

ClientSampleId :

BP-B4

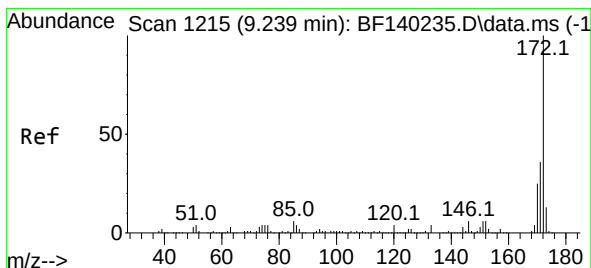
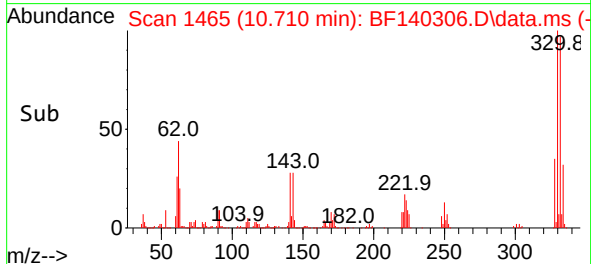
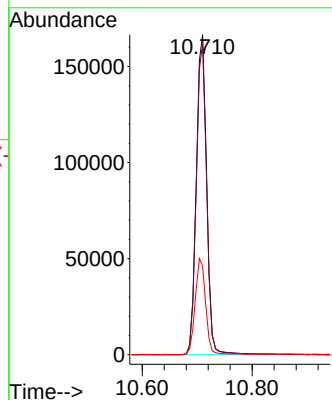
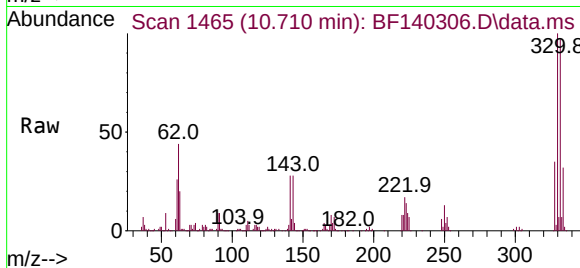
Tgt Ion:330 Resp: 218158

Ion Ratio Lower Upper

330 100

332 97.0 76.4 114.6

141 30.2 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 86.043 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF140306.D

Acq: 08 Nov 2024 18:29

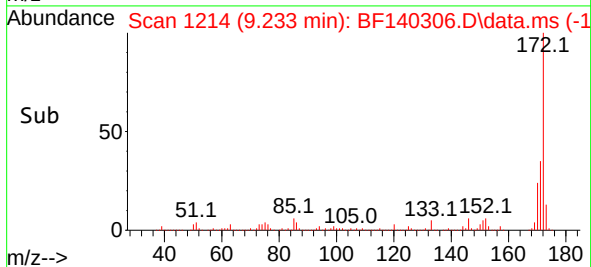
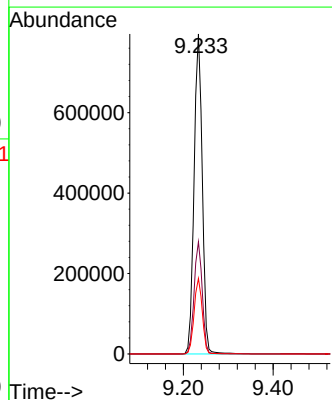
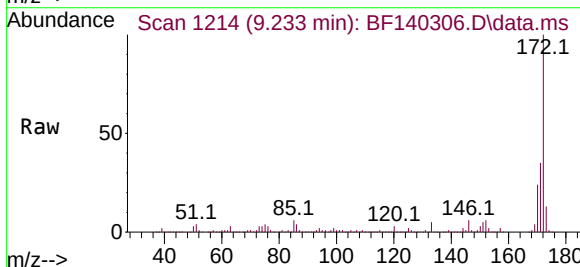
Tgt Ion:172 Resp: 1010899

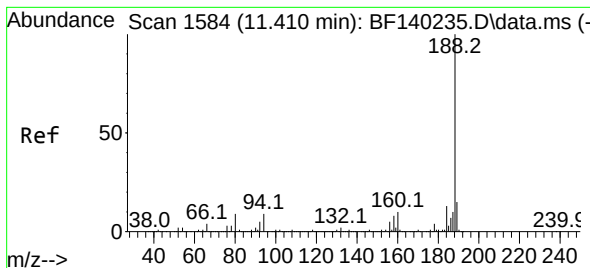
Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.6 19.6 29.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140306.D

Acq: 08 Nov 2024 18:29

Instrument :

BNA_F

ClientSampleId :

BP-B4

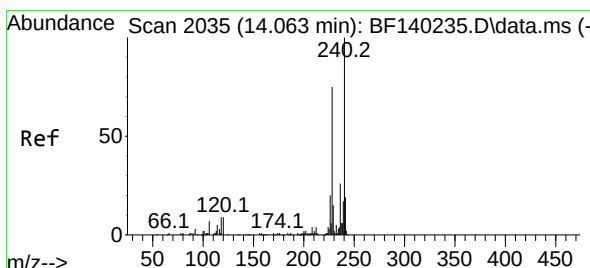
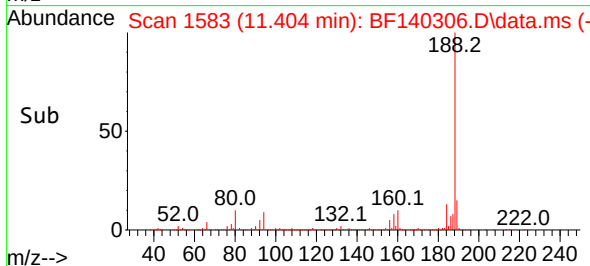
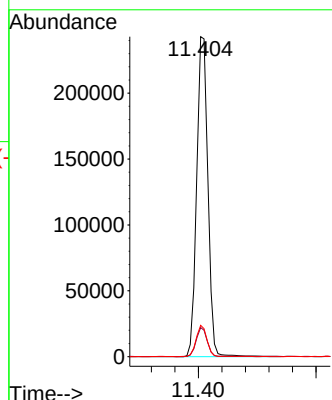
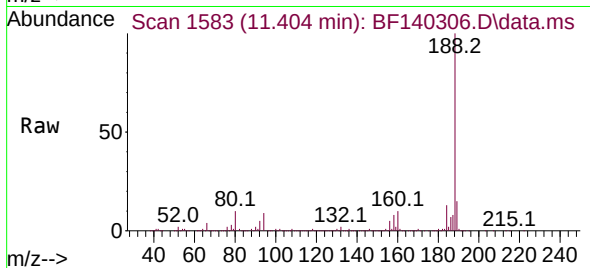
Tgt Ion:188 Resp: 321471

Ion Ratio Lower Upper

188 100

94 9.1 6.9 10.3

80 9.8 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF140306.D

Acq: 08 Nov 2024 18:29

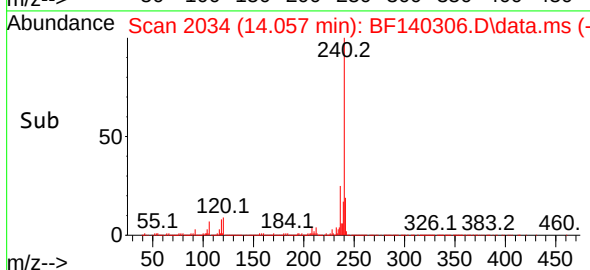
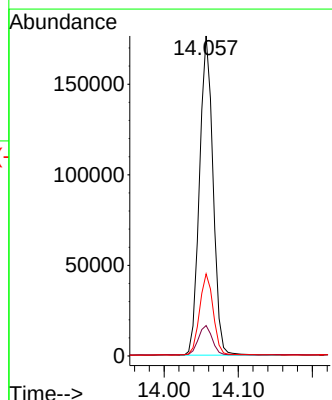
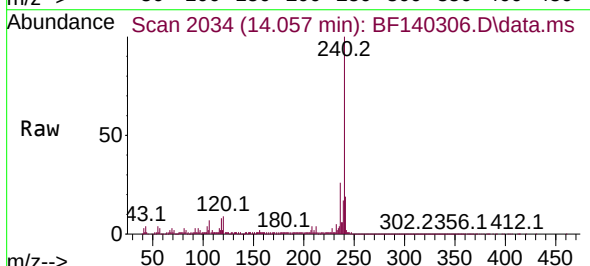
Tgt Ion:240 Resp: 223641

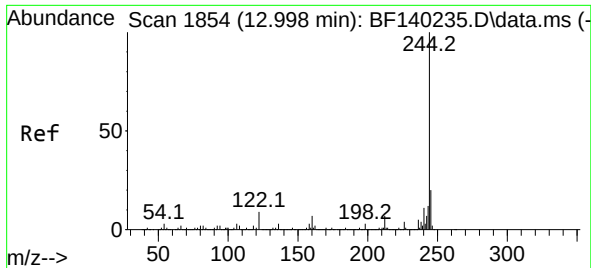
Ion Ratio Lower Upper

240 100

120 9.5 7.5 11.3

236 25.6 20.9 31.3

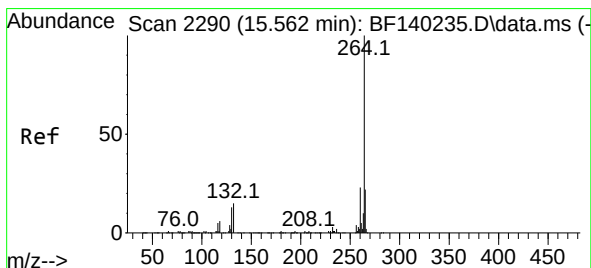
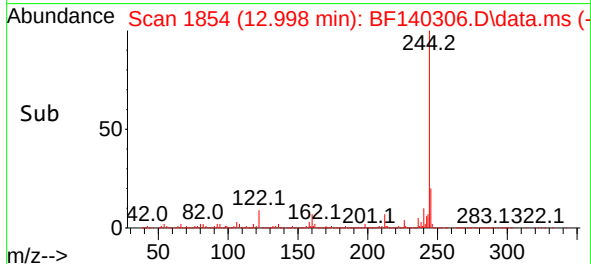
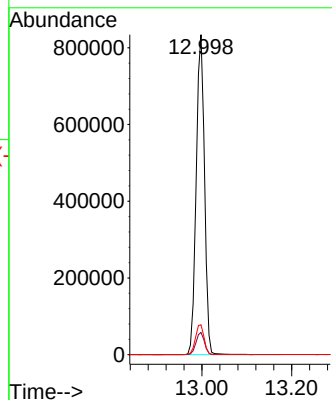
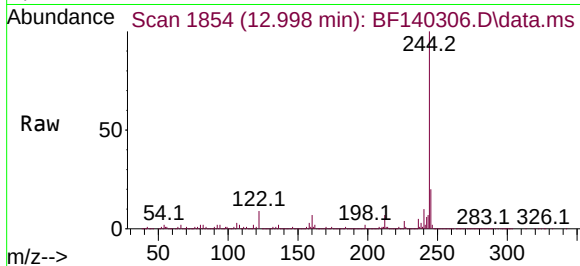




#79
Terphenyl-d14
Concen: 78.415 ng
RT: 12.998 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF140306.D
Acq: 08 Nov 2024 18:29

Instrument :
BNA_F
ClientSampleId :
BP-B4

Tgt Ion:244 Resp: 1070534
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 9.3 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.556 min Scan# 2289
Delta R.T. -0.006 min
Lab File: BF140306.D
Acq: 08 Nov 2024 18:29

Tgt Ion:264 Resp: 176151
Ion Ratio Lower Upper
264 100
260 23.6 18.8 28.2
265 22.2 17.3 25.9

