

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
 Data File : BF140268.D
 Acq On : 07 Nov 2024 12:14
 Operator : RC/JU
 Sample : P4701-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F4

Quant Time: Nov 07 13:01:45 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	6.875	152	115763	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	448729	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	266935	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	479538	20.000	ng	0.00
76) Chrysene-d12	14.057	240	288827	20.000	ng	0.00
86) Perylene-d12	15.568	264	275022	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	936359	134.045	ng	0.00
7) Phenol-d6	6.498	99	1208091	134.457	ng	0.00
23) Nitrobenzene-d5	7.434	82	806902	89.403	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	378668	143.516	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1478655	88.453	ng	0.00
79) Terphenyl-d14	12.992	244	1699229	96.375	ng	0.00

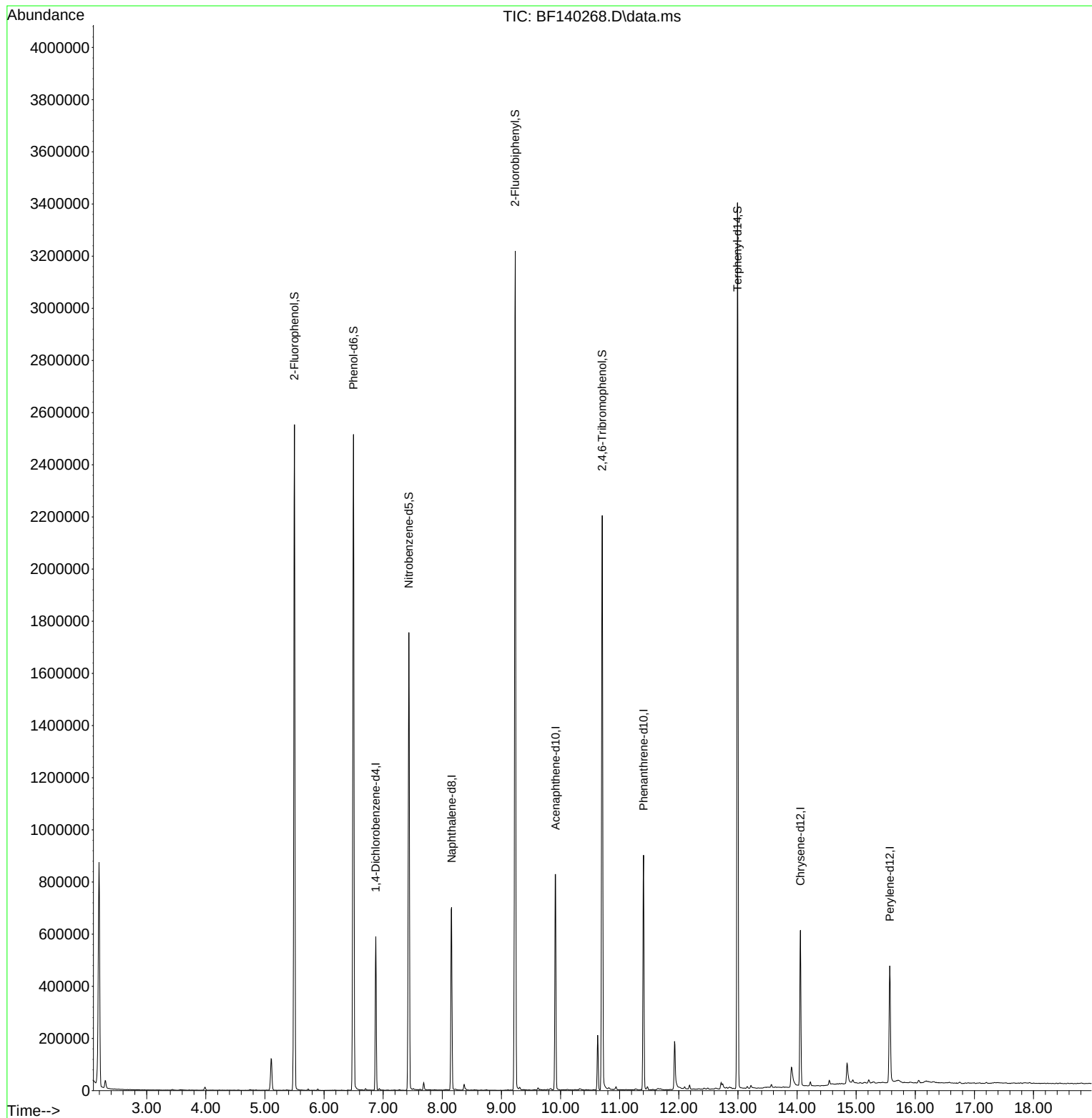
Target Compounds	Qvalue

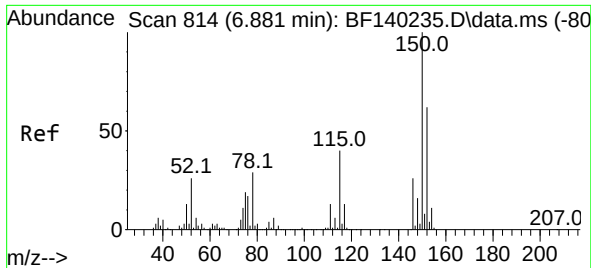
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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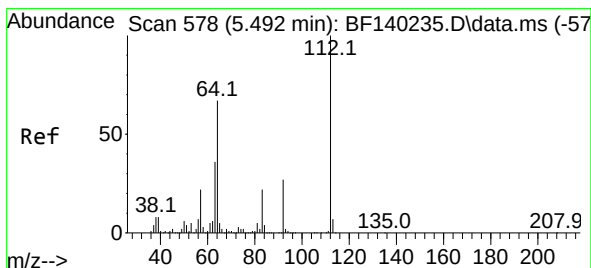
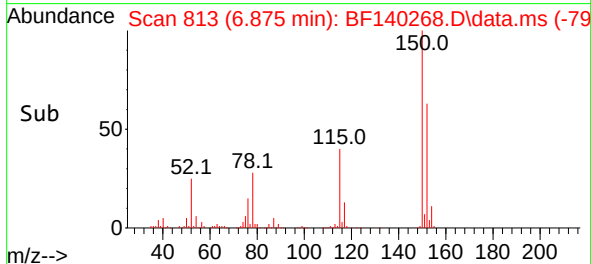
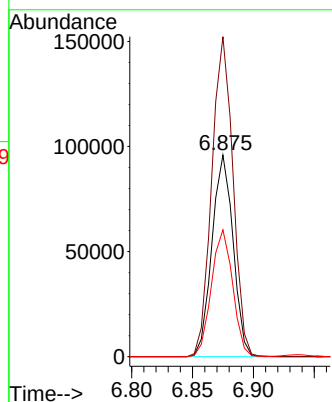
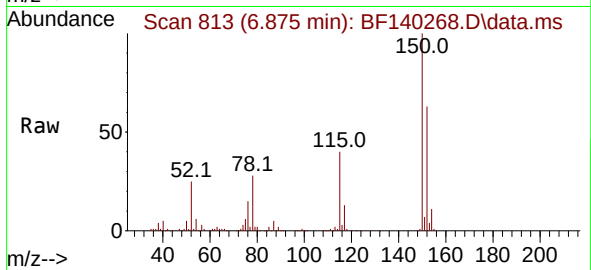




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 814
 Delta R.T. -0.006 min
 Lab File: BF140268.D
 Acq: 07 Nov 2024 12:14

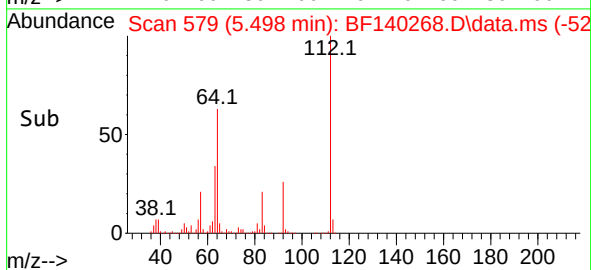
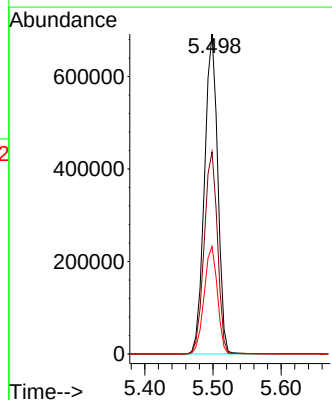
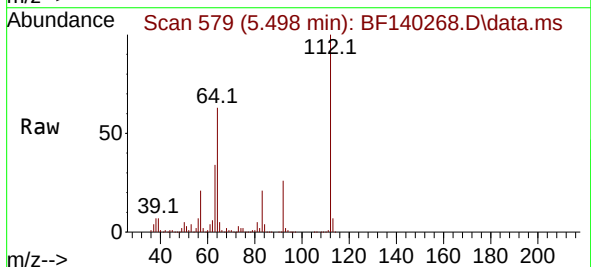
Instrument :
 BNA_F
 ClientSampleId :
 BP-F4

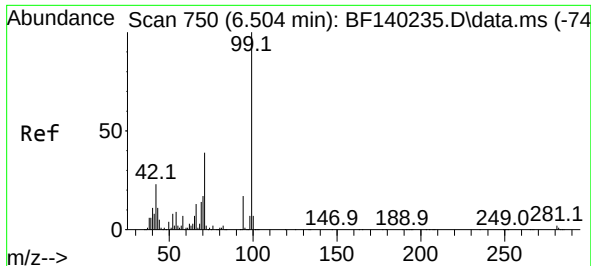
Tgt Ion:152 Resp: 115763
 Ion Ratio Lower Upper
 152 100
 150 158.7 129.4 194.2
 115 62.9 51.5 77.3



#5
 2-Fluorophenol
 Concen: 134.045 ng
 RT: 5.498 min Scan# 579
 Delta R.T. 0.006 min
 Lab File: BF140268.D
 Acq: 07 Nov 2024 12:14

Tgt Ion:112 Resp: 936359
 Ion Ratio Lower Upper
 112 100
 64 63.1 53.4 80.2
 63 33.5 28.9 43.3

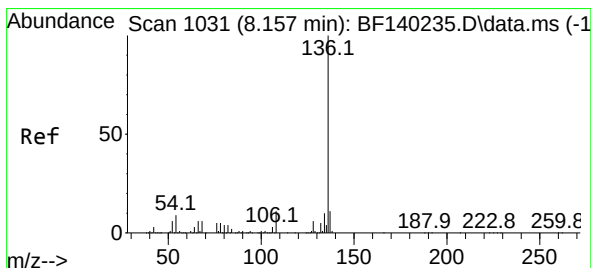
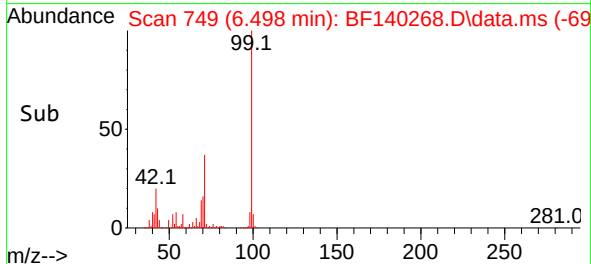
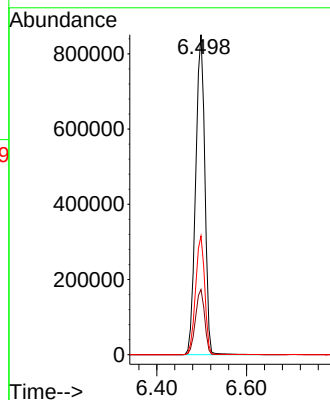
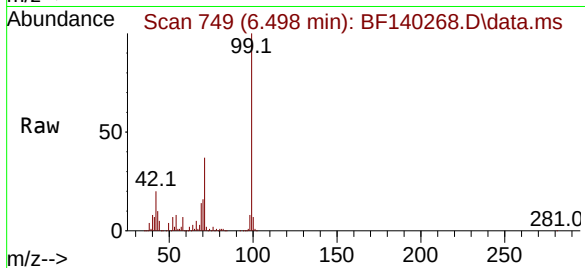




#7
Phenol-d6
Concen: 134.457 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF140268.D
Acq: 07 Nov 2024 12:14

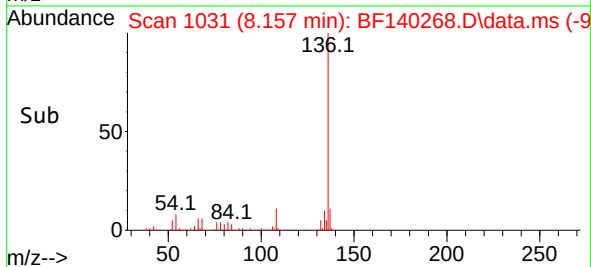
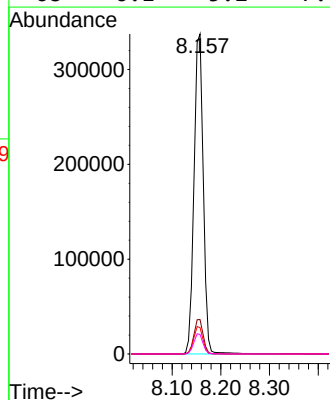
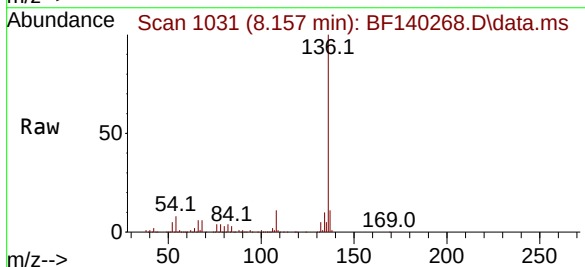
Instrument :
BNA_F
ClientSampleId :
BP-F4

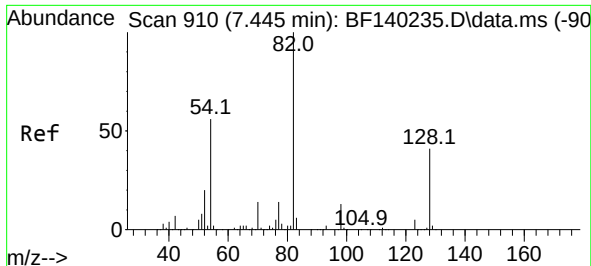
Tgt Ion: 99 Resp: 1208091
Ion Ratio Lower Upper
99 100
42 20.4 18.2 27.2
71 37.1 30.9 46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140268.D
Acq: 07 Nov 2024 12:14

Tgt Ion: 136 Resp: 448729
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 8.3 7.7 11.5
68 6.1 5.2 7.8

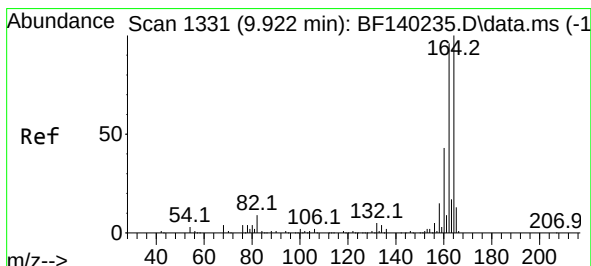
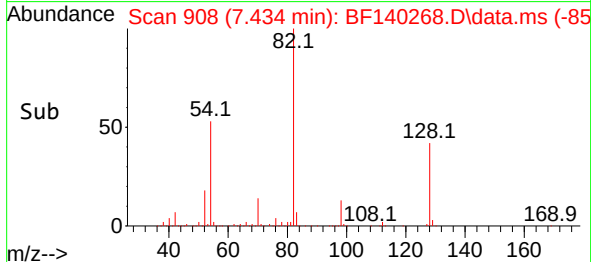
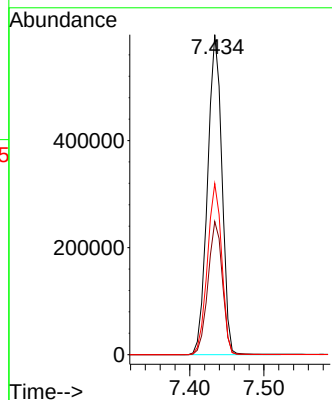
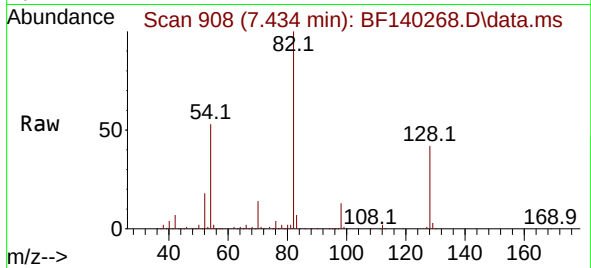




#23
Nitrobenzene-d5
Concen: 89.403 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF140268.D
Acq: 07 Nov 2024 12:14

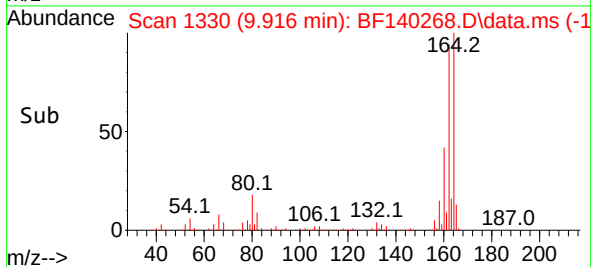
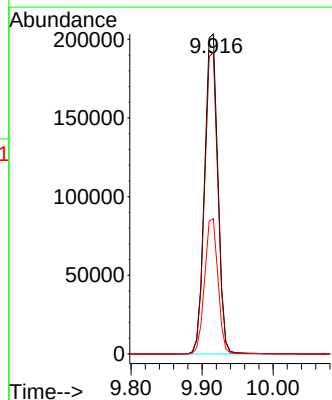
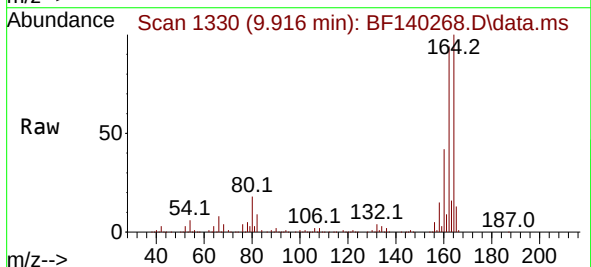
Instrument :
BNA_F
ClientSampleId :
BP-F4

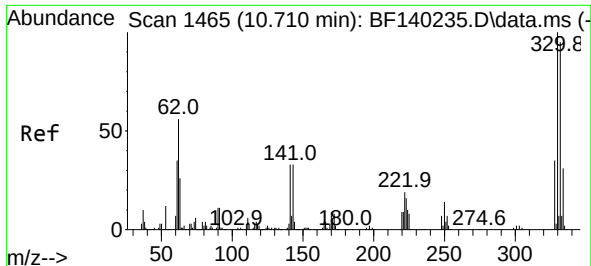
Tgt Ion: 82 Resp: 806902
Ion Ratio Lower Upper
82 100
128 41.6 32.8 49.2
54 53.4 44.3 66.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF140268.D
Acq: 07 Nov 2024 12:14

Tgt Ion:164 Resp: 266935
Ion Ratio Lower Upper
164 100
162 94.2 77.0 115.4
160 42.3 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 143.516 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF140268.D

Acq: 07 Nov 2024 12:14

Instrument :

BNA_F

ClientSampleId :

BP-F4

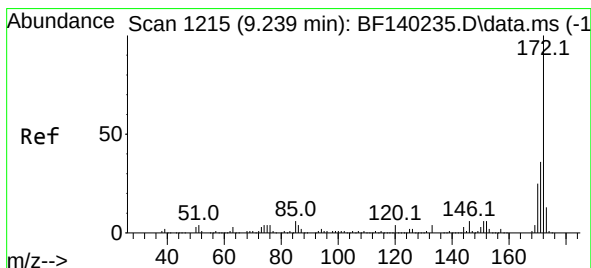
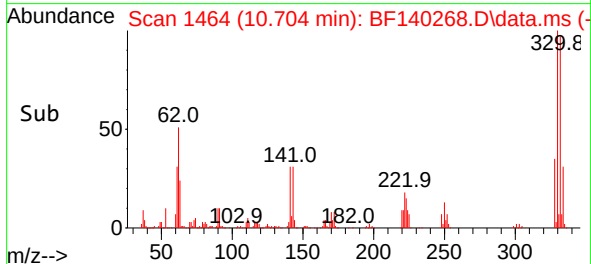
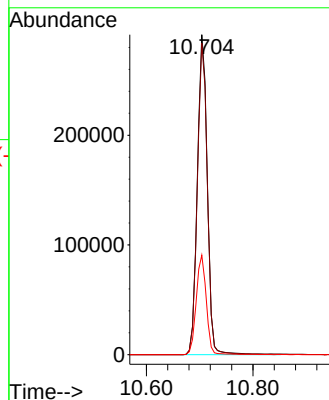
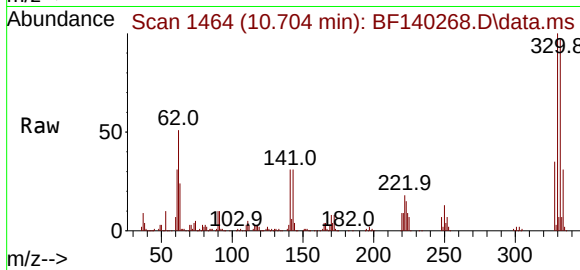
Tgt Ion:330 Resp: 378668

Ion Ratio Lower Upper

330 100

332 97.5 76.4 114.6

141 31.5 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 88.453 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF140268.D

Acq: 07 Nov 2024 12:14

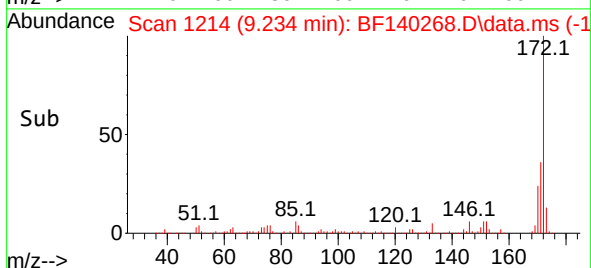
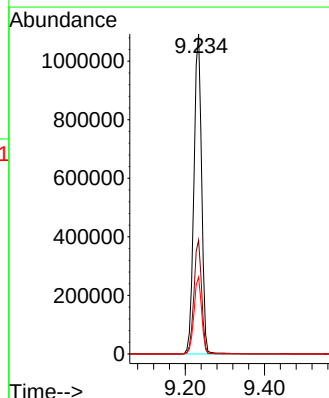
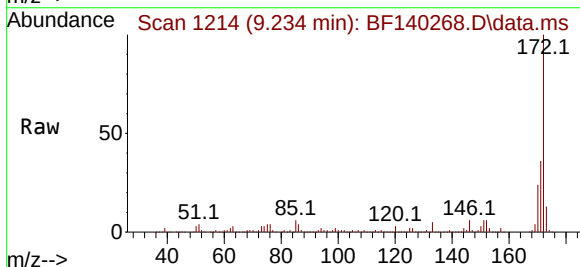
Tgt Ion:172 Resp: 1478655

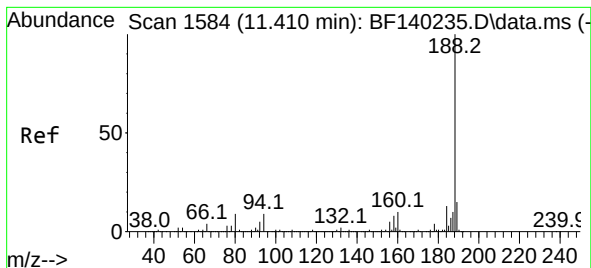
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.0 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: BF140268.D

Acq: 07 Nov 2024 12:14

Instrument :

BNA_F

ClientSampleId :

BP-F4

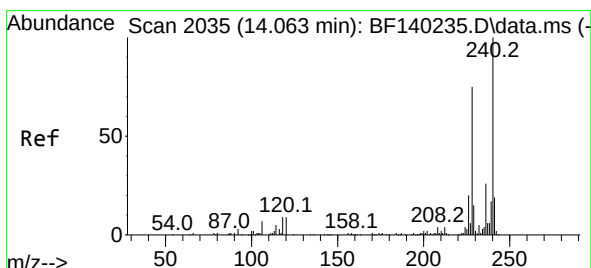
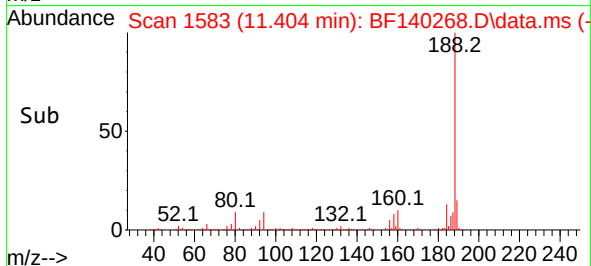
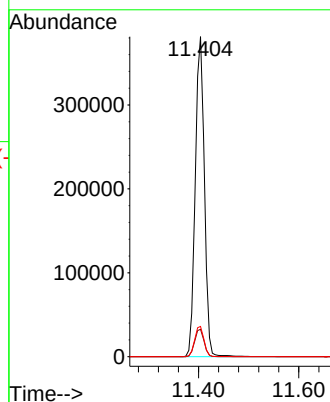
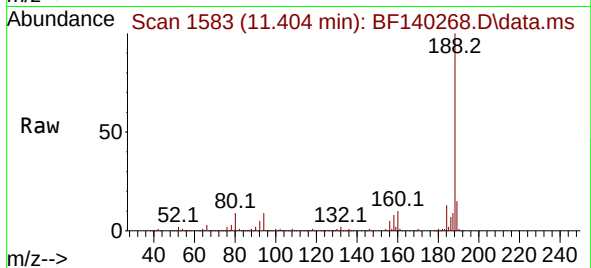
Tgt Ion:188 Resp: 479538

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

80 9.4 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: BF140268.D

Acq: 07 Nov 2024 12:14

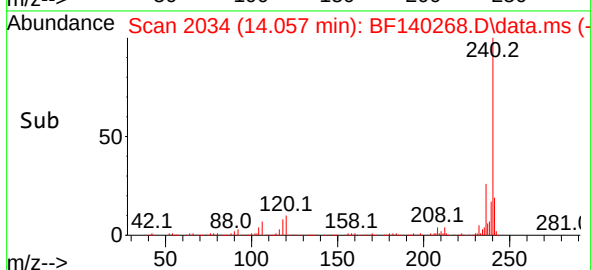
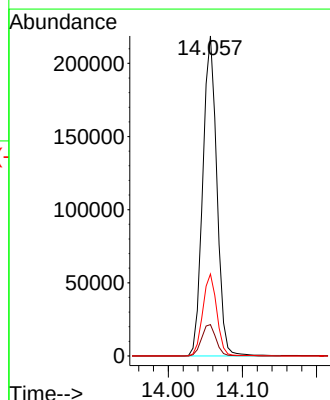
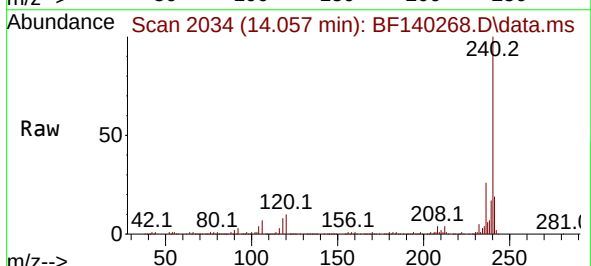
Tgt Ion:240 Resp: 288827

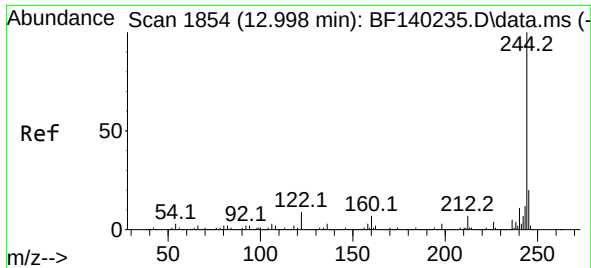
Ion Ratio Lower Upper

240 100

120 9.8 7.5 11.3

236 25.6 20.9 31.3

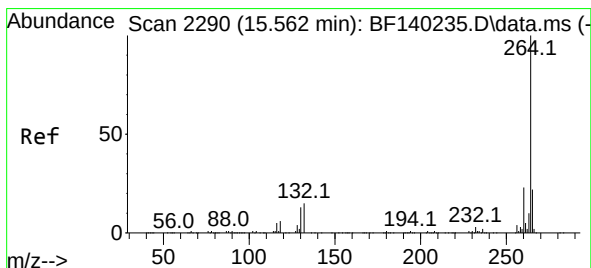
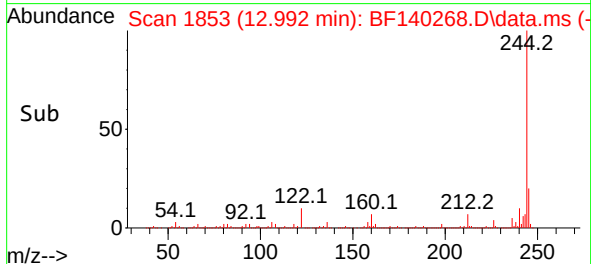
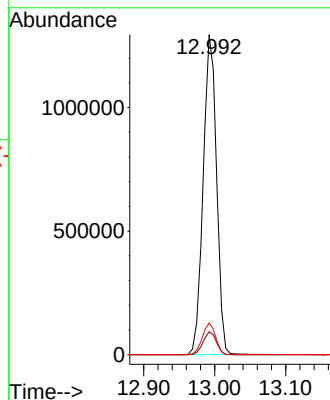
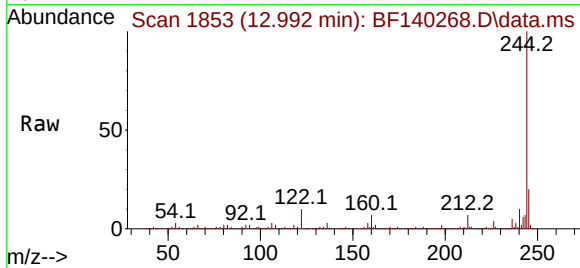




#79
Terphenyl-d14
Concen: 96.375 ng
RT: 12.992 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF140268.D
Acq: 07 Nov 2024 12:14

Instrument :
BNA_F
ClientSampleId :
BP-F4

Tgt Ion:244 Resp: 1699229
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 9.9 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2291
Delta R.T. 0.006 min
Lab File: BF140268.D
Acq: 07 Nov 2024 12:14

Tgt Ion:264 Resp: 275022
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 21.6 17.3 25.9

