

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
 Data File : BF140372.D
 Acq On : 14 Nov 2024 19:43
 Operator : RC/JU
 Sample : P4788-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-G3

Quant Time: Nov 15 00:28:30 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	110946	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	405408	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	192368	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	298485	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	218873	20.000	ng	0.00
86) Perylene-d12	15.545	264	154742	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	657789	101.229	ng	0.01
7) Phenol-d6	6.516	99	871140	98.951	ng	0.01
23) Nitrobenzene-d5	7.434	82	548668	70.514	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	164409	85.945	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	949653	79.359	ng	0.00
79) Terphenyl-d14	12.980	244	803953	63.758	ng	0.00

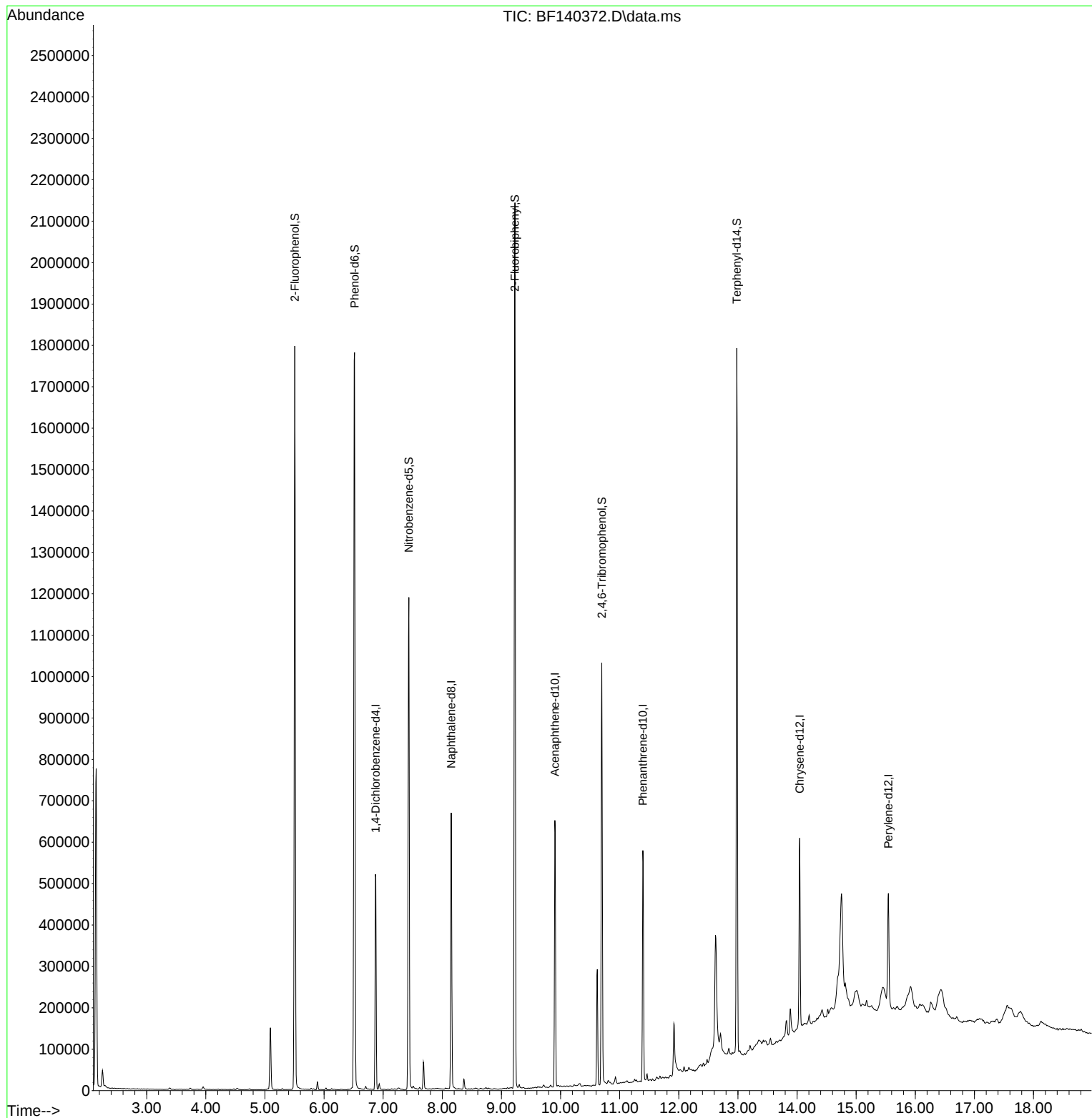
Target Compounds	Qvalue

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

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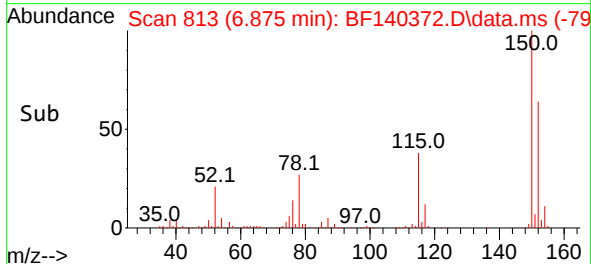
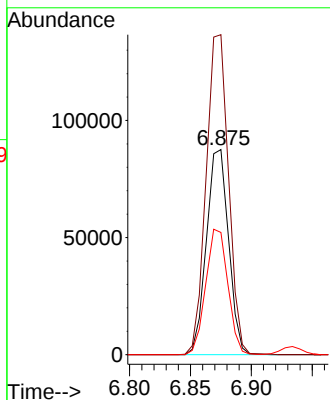
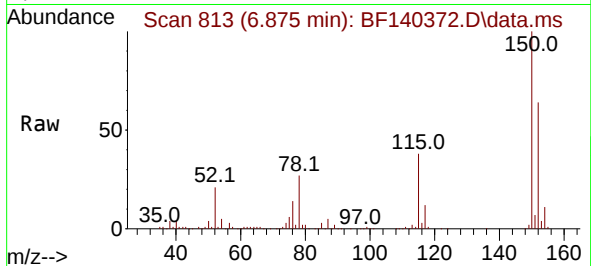




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140372.D
Acq: 14 Nov 2024 19:43

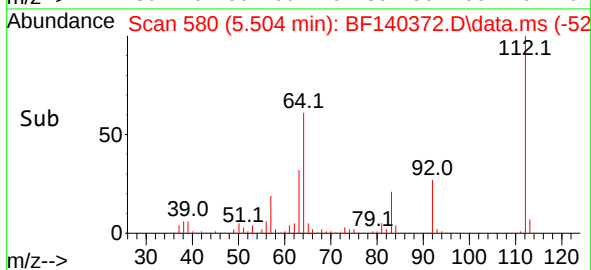
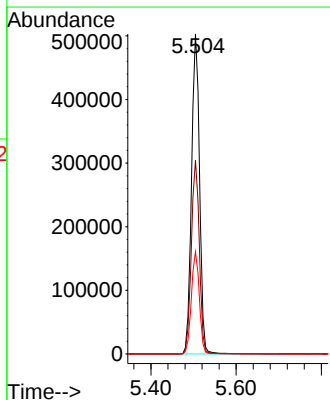
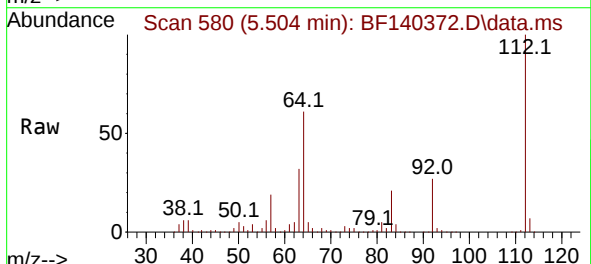
Instrument :
BNA_F
ClientSampleId :
BP-G3

Tgt Ion:152 Resp: 110946
Ion Ratio Lower Upper
152 100
150 156.0 127.4 191.0
115 59.6 47.4 71.2



#5
2-Fluorophenol
Concen: 101.229 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140372.D
Acq: 14 Nov 2024 19:43

Tgt Ion:112 Resp: 657789
Ion Ratio Lower Upper
112 100
64 60.5 49.2 73.8
63 31.9 25.6 38.4

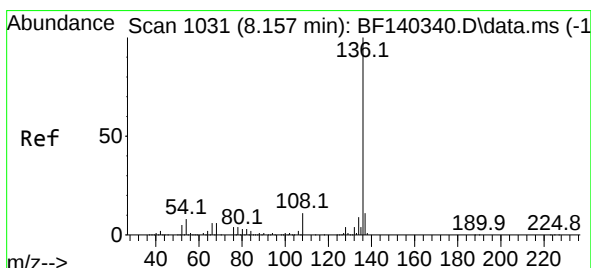
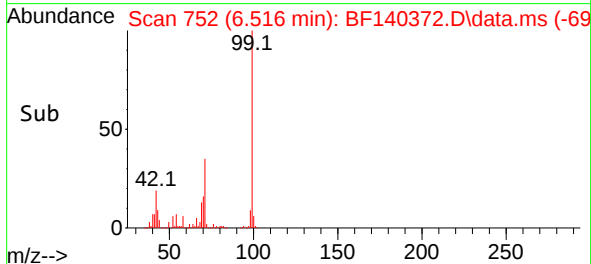
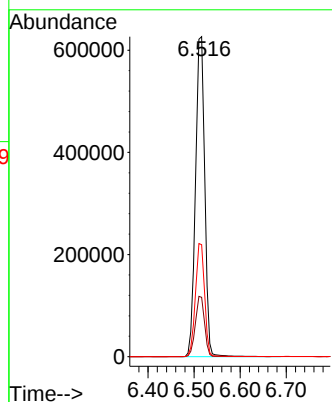
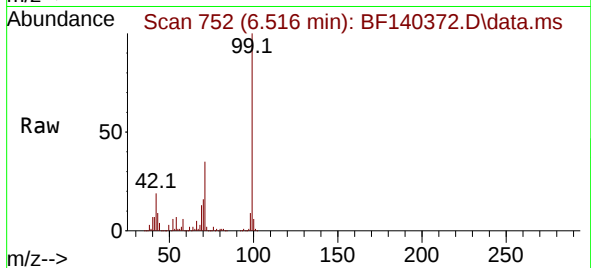




#7
Phenol-d6
Concen: 98.951 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF140372.D
Acq: 14 Nov 2024 19:43

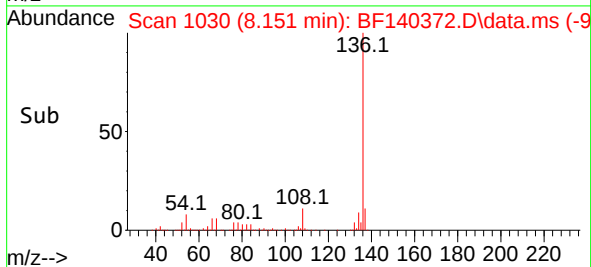
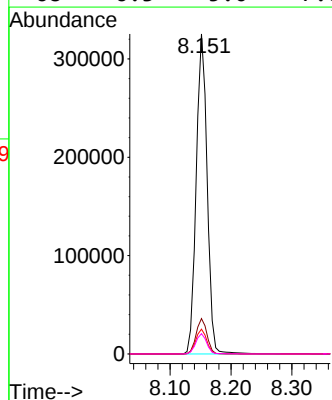
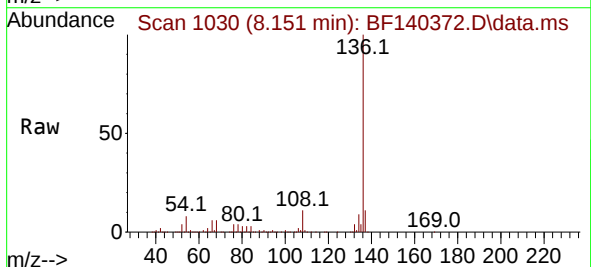
Instrument :
BNA_F
ClientSampleId :
BP-G3

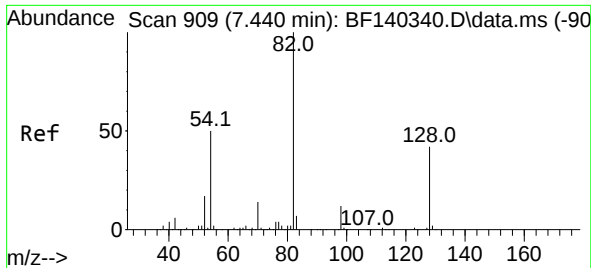
Tgt Ion: 99 Resp: 871140
Ion Ratio Lower Upper
99 100
42 18.5 15.1 22.7
71 35.0 27.9 41.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140372.D
Acq: 14 Nov 2024 19:43

Tgt Ion: 136 Resp: 405408
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.8 6.5 9.7
68 6.3 5.0 7.6

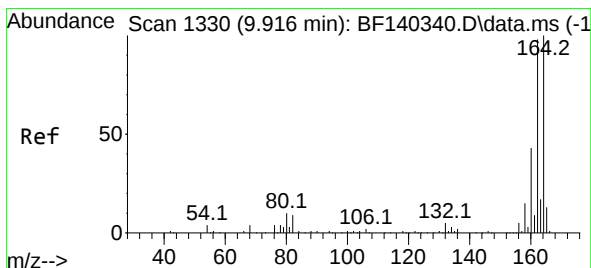
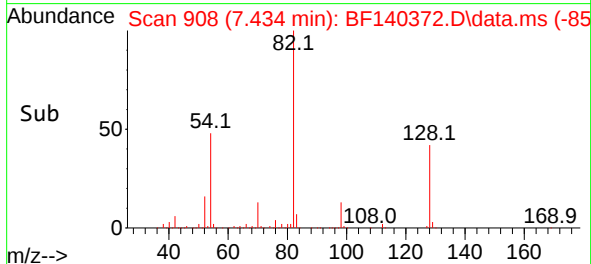
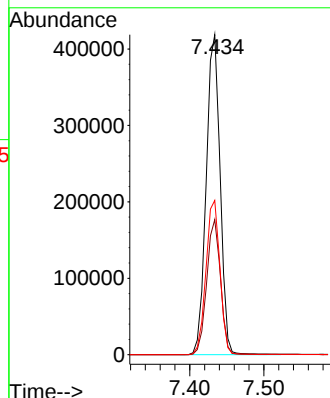
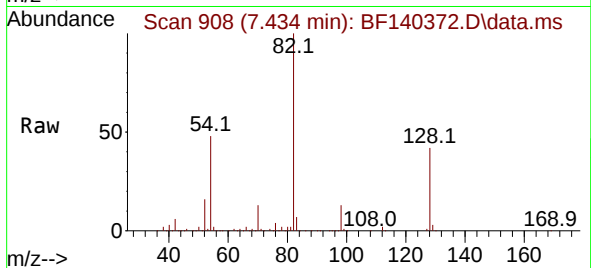




#23
Nitrobenzene-d5
Concen: 70.514 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140372.D
Acq: 14 Nov 2024 19:43

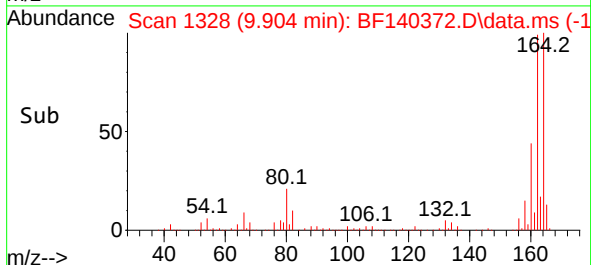
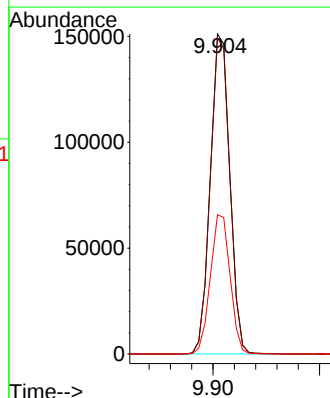
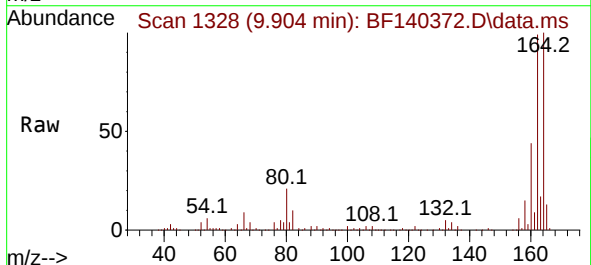
Instrument :
BNA_F
ClientSampleId :
BP-G3

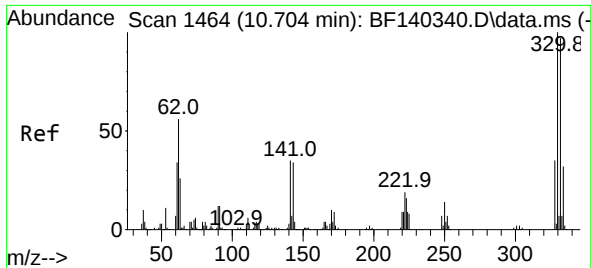
Tgt Ion: 82 Resp: 548668
Ion Ratio Lower Upper
82 100
128 42.2 33.3 49.9
54 48.2 39.8 59.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140372.D
Acq: 14 Nov 2024 19:43

Tgt Ion:164 Resp: 192368
Ion Ratio Lower Upper
164 100
162 98.8 79.8 119.8
160 43.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 85.945 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140372.D

Acq: 14 Nov 2024 19:43

Instrument :

BNA_F

ClientSampleId :

BP-G3

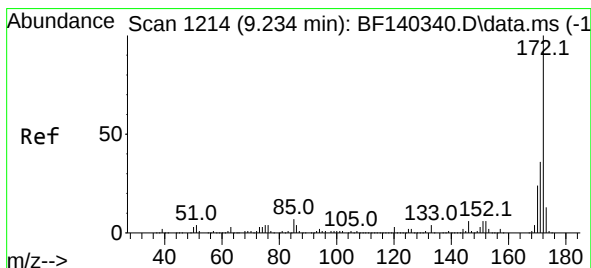
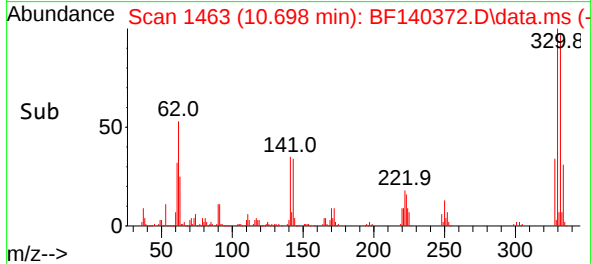
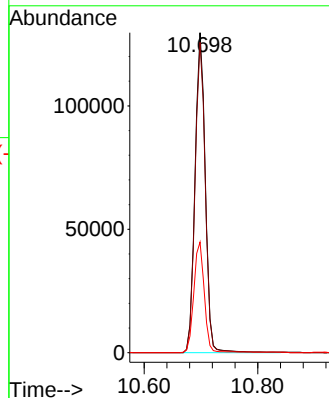
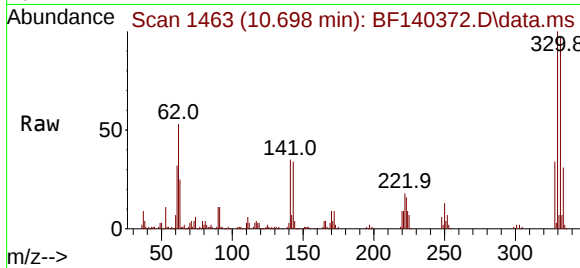
Tgt Ion:330 Resp: 164409

Ion Ratio Lower Upper

330 100

332 96.8 75.9 113.9

141 35.1 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 79.359 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140372.D

Acq: 14 Nov 2024 19:43

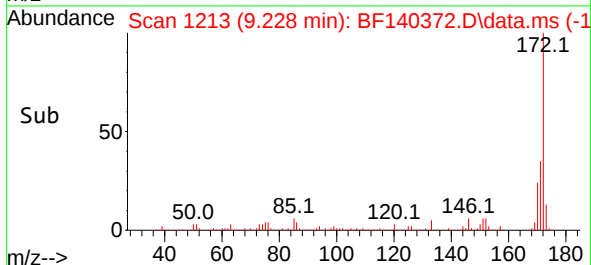
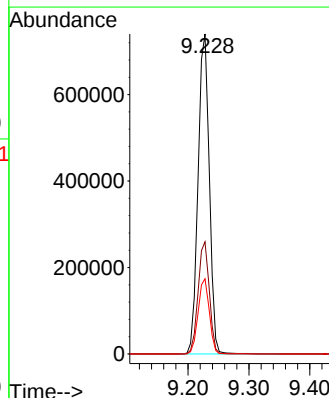
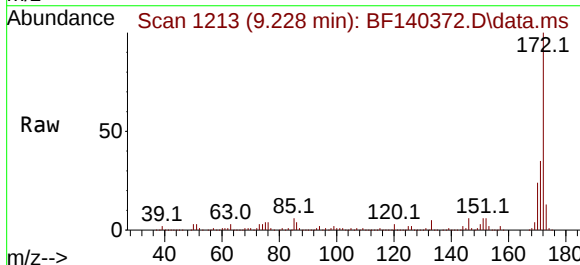
Tgt Ion:172 Resp: 949653

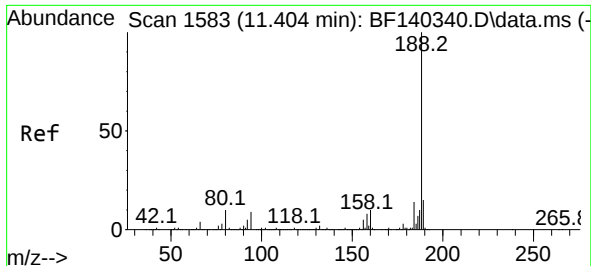
Ion Ratio Lower Upper

172 100

171 35.0 28.5 42.7

170 23.5 19.1 28.7

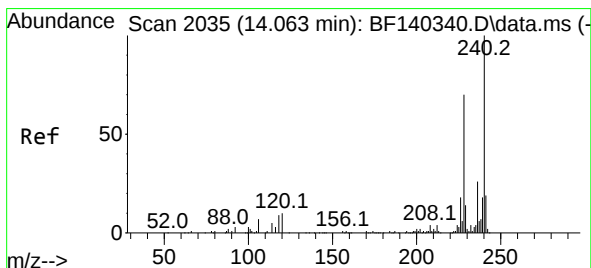
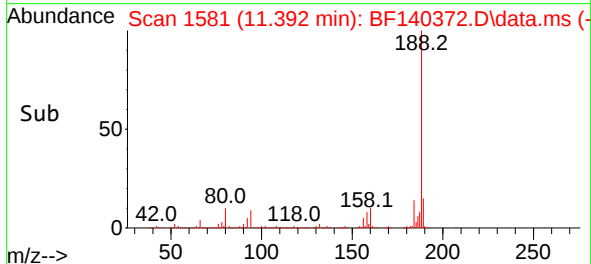
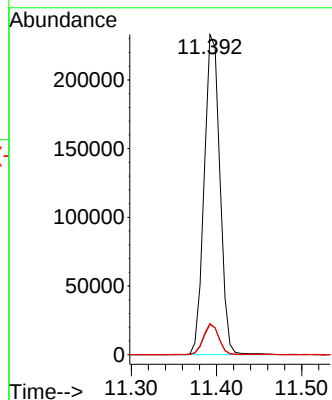
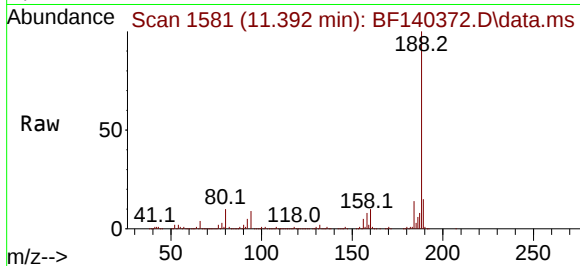




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140372.D
Acq: 14 Nov 2024 19:43

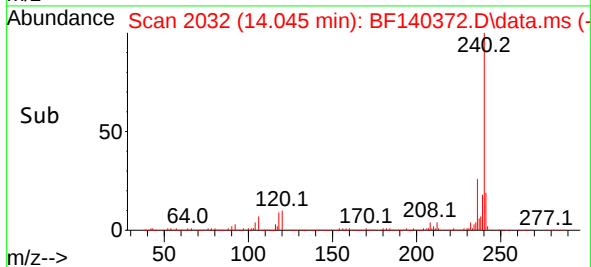
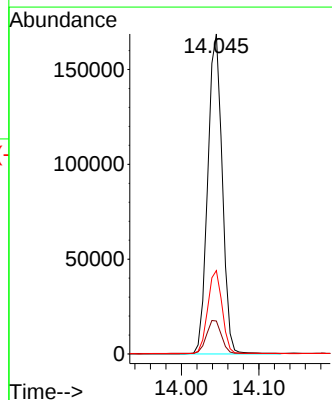
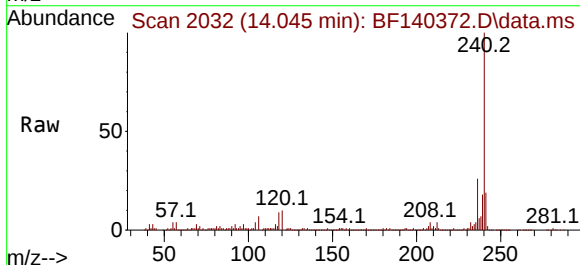
Instrument :
BNA_F
ClientSampleId :
BP-G3

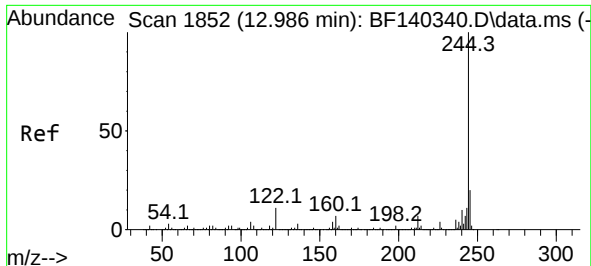
Tgt Ion:188 Resp: 298485
Ion Ratio Lower Upper
188 100
94 9.4 7.6 11.4
80 9.8 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140372.D
Acq: 14 Nov 2024 19:43

Tgt Ion:240 Resp: 218873
Ion Ratio Lower Upper
240 100
120 10.3 8.8 13.2
236 26.1 20.9 31.3

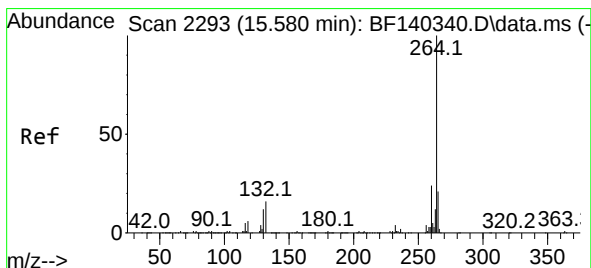
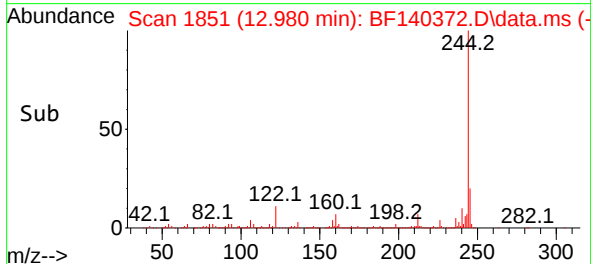
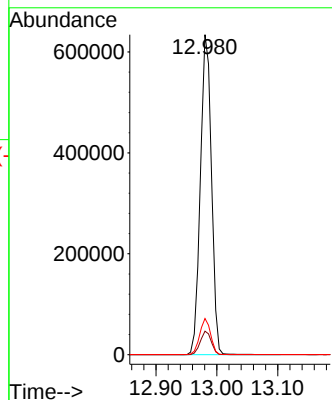
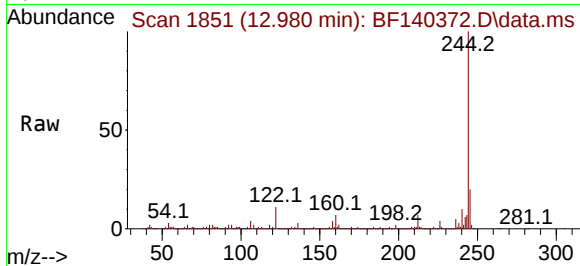




#79
 Terphenyl-d14
 Concen: 63.758 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF140372.D
 Acq: 14 Nov 2024 19:43

Instrument :
 BNA_F
 ClientSampleId :
 BP-G3

Tgt Ion:244 Resp: 803953
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 11.3 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2287
 Delta R.T. -0.012 min
 Lab File: BF140372.D
 Acq: 14 Nov 2024 19:43

Tgt Ion:264 Resp: 154742
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 21.2 17.1 25.7

