

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
 Data File : BF140302.D
 Acq On : 08 Nov 2024 16:43
 Operator : RC/JU
 Sample : P4738-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12018

Quant Time: Nov 08 17:25:17 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)

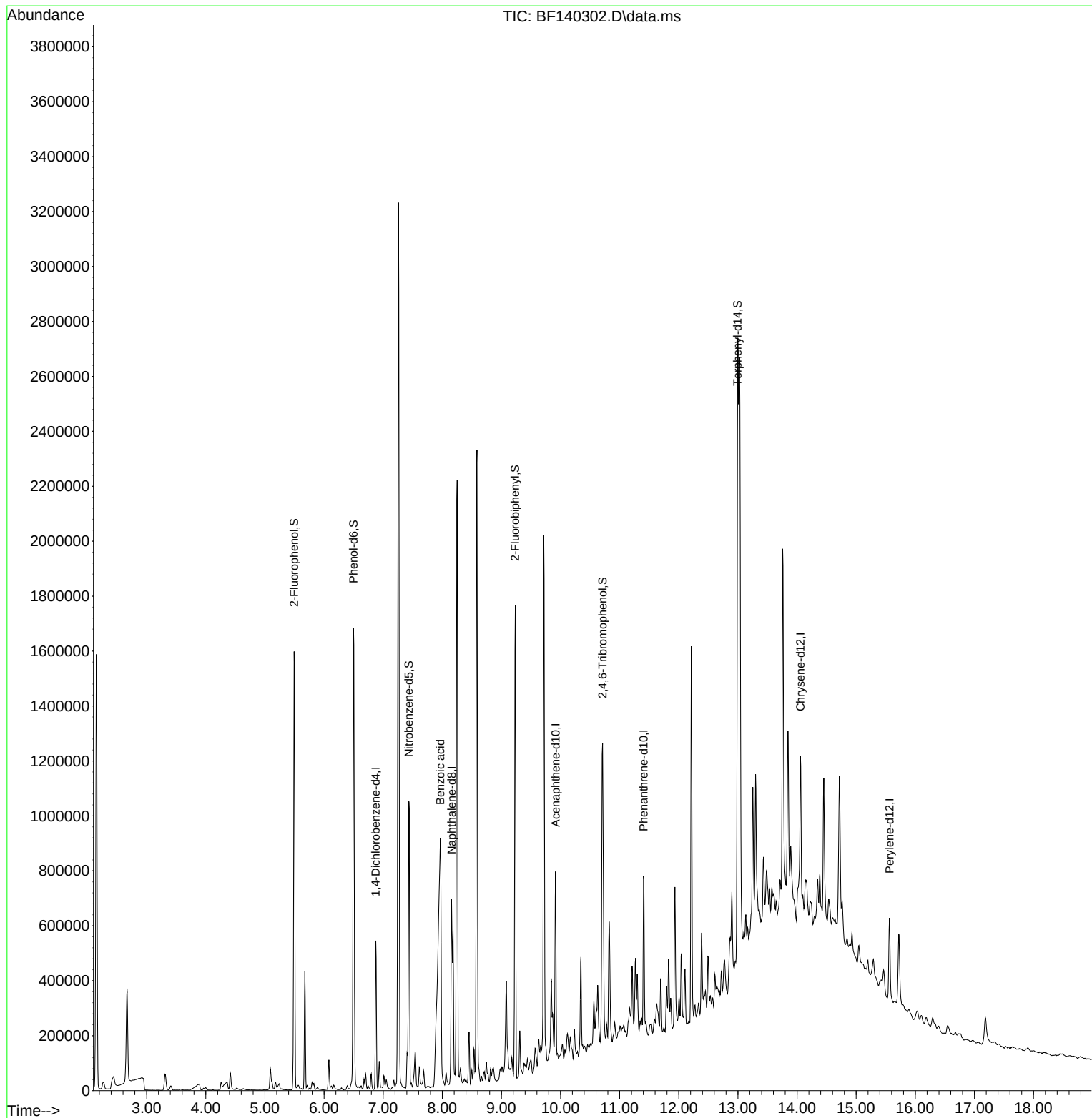
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	106168	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	429844	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	207340	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	303824	20.000	ng	0.00
76) Chrysene-d12	14.057	240	233652	20.000	ng	0.00
86) Perylene-d12	15.563	264	185310	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	593740	92.679	ng	0.00
7) Phenol-d6	6.498	99	754041	91.507	ng	0.00
23) Nitrobenzene-d5	7.434	82	465874	53.886	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	178607	87.149	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	735281	56.627	ng	0.00
79) Terphenyl-d14	12.992	244	689251	48.323	ng	0.00
Target Compounds						
32) Benzoic acid	7.963	122	17017	4.224	ng	Qvalue 94

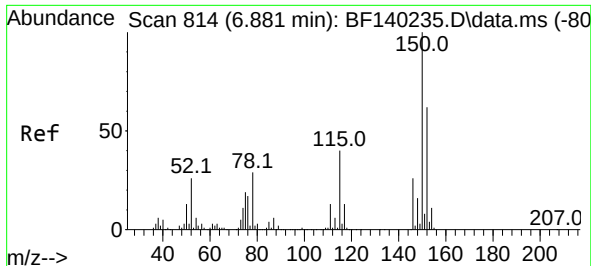
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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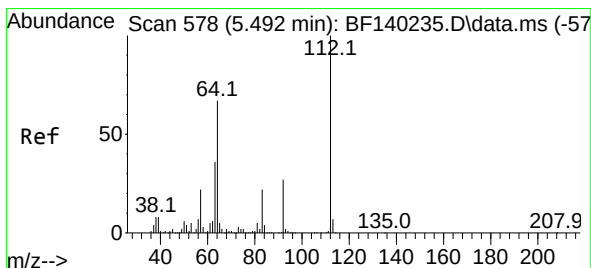
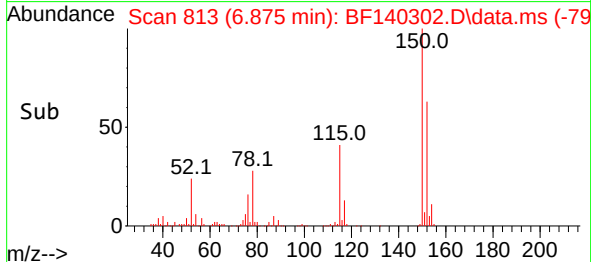
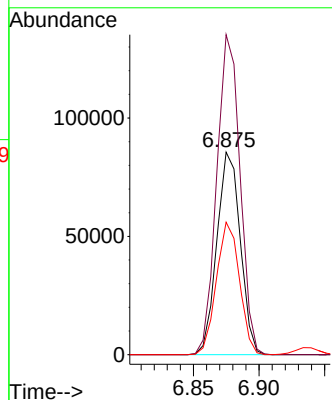
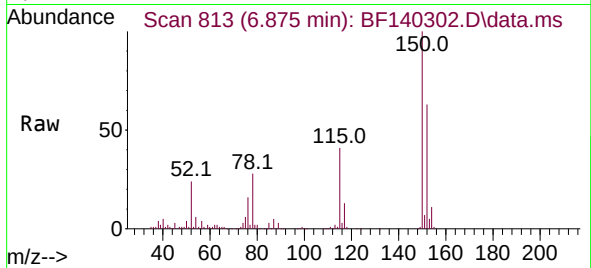




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140302.D
Acq: 08 Nov 2024 16:43

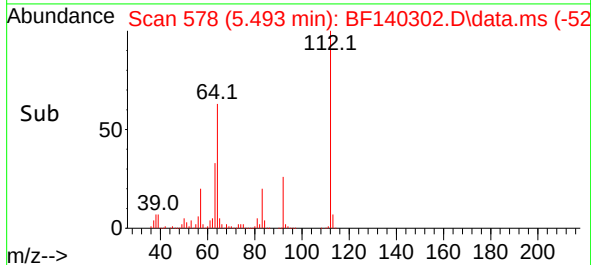
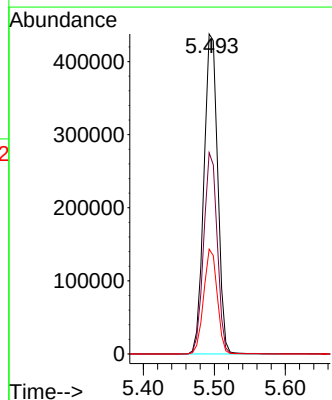
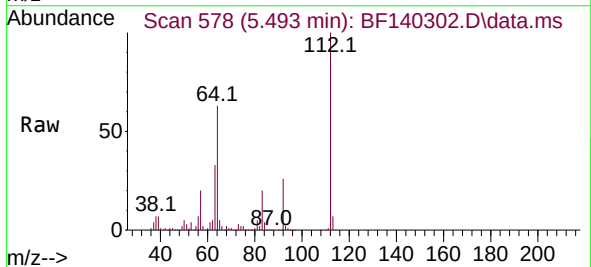
Instrument :
BNA_F
ClientSampleId :
72-12018

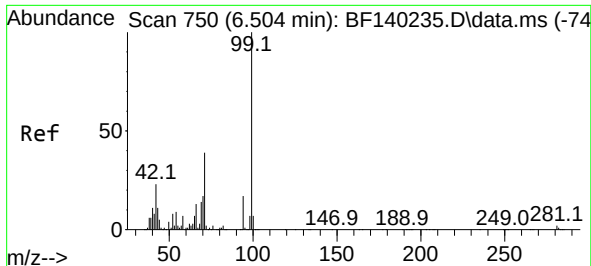
Tgt Ion:152 Resp: 106168
Ion Ratio Lower Upper
152 100
150 158.0 129.4 194.2
115 65.4 51.5 77.3



#5
2-Fluorophenol
Concen: 92.679 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF140302.D
Acq: 08 Nov 2024 16:43

Tgt Ion:112 Resp: 593740
Ion Ratio Lower Upper
112 100
64 62.9 53.4 80.2
63 32.7 28.9 43.3

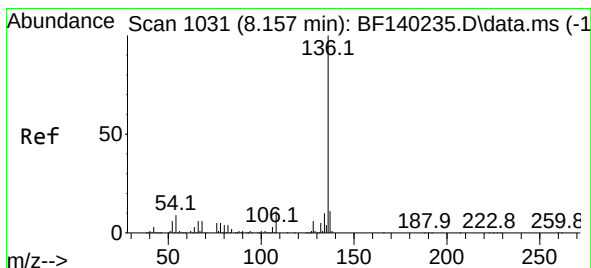
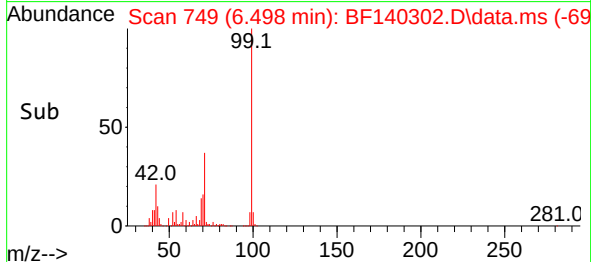
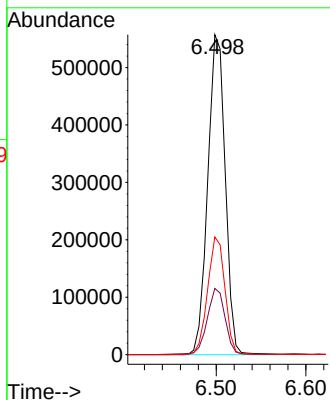
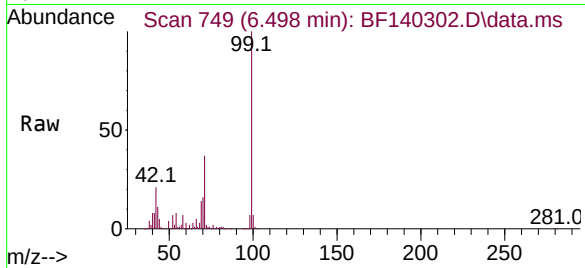




#7
Phenol-d6
Concen: 91.507 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF140302.D
Acq: 08 Nov 2024 16:43

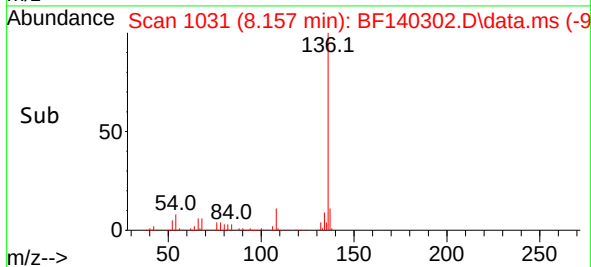
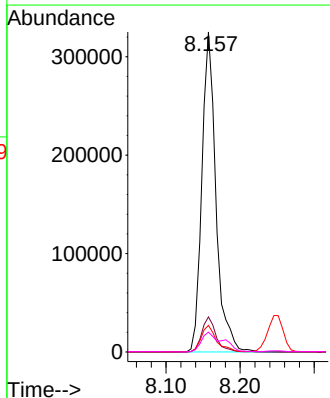
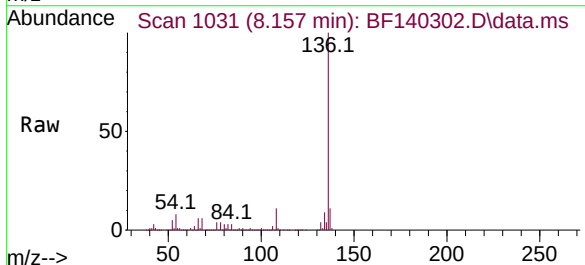
Instrument :
BNA_F
ClientSampleId :
72-12018

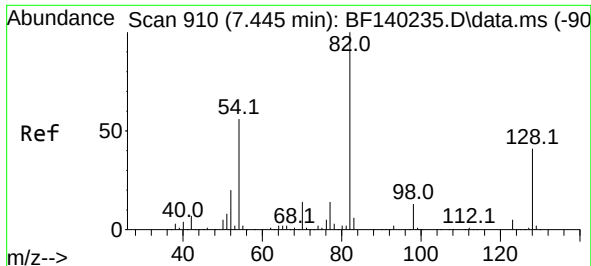
Tgt Ion: 99 Resp: 754041
Ion Ratio Lower Upper
99 100
42 20.7 18.2 27.2
71 36.8 30.9 46.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140302.D
Acq: 08 Nov 2024 16:43

Tgt Ion: 136 Resp: 429844
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 8.3 7.7 11.5
68 6.2 5.2 7.8





#23

Nitrobenzene-d5

Concen: 53.886 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF140302.D

Acq: 08 Nov 2024 16:43

Instrument :

BNA_F

ClientSampleId :

72-12018

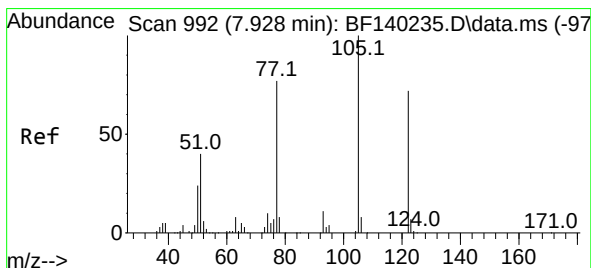
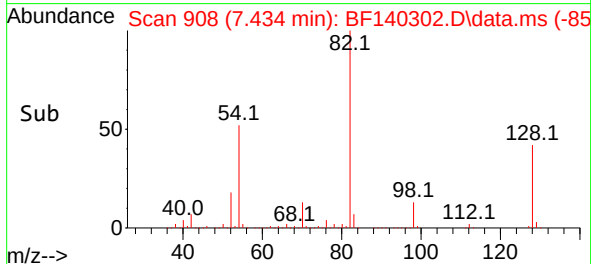
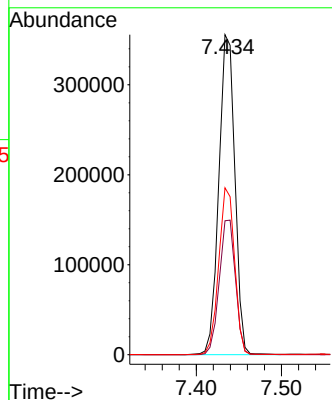
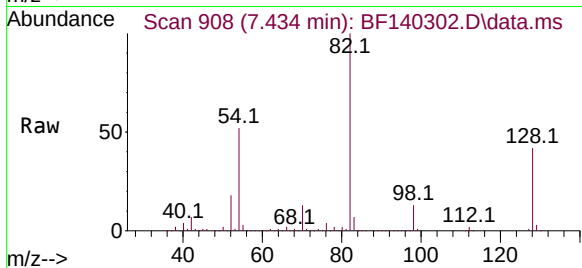
Tgt Ion: 82 Resp: 465874

Ion Ratio Lower Upper

82 100

128 41.8 32.8 49.2

54 52.2 44.3 66.5



#32

Benzoic acid

Concen: 4.224 ng

RT: 7.963 min Scan# 998

Delta R.T. 0.035 min

Lab File: BF140302.D

Acq: 08 Nov 2024 16:43

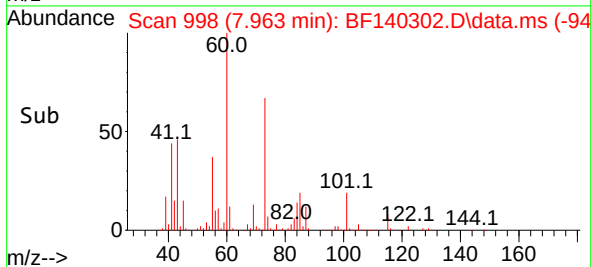
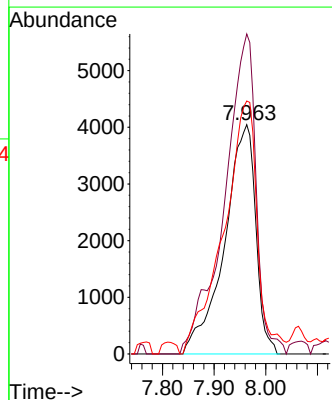
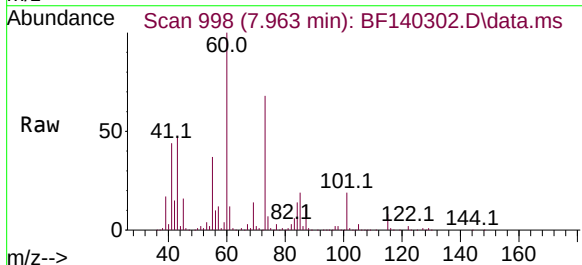
Tgt Ion:122 Resp: 17017

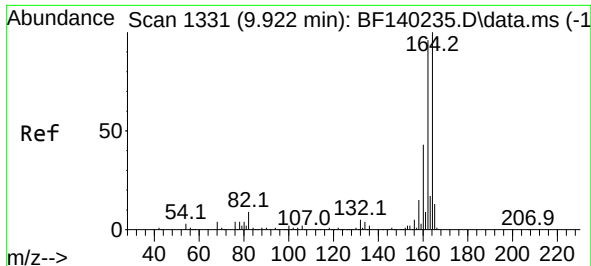
Ion Ratio Lower Upper

122 100

105 139.6 112.6 152.6

77 110.3 84.3 124.3

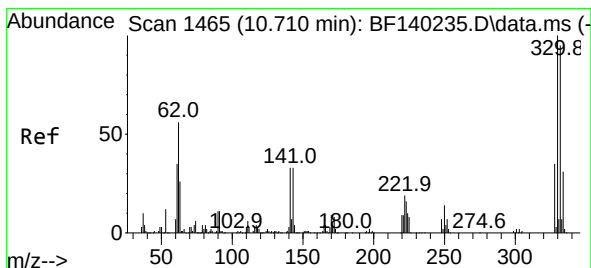
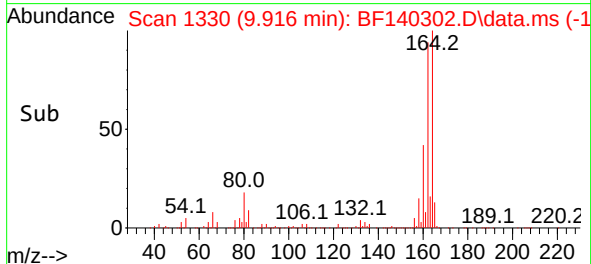
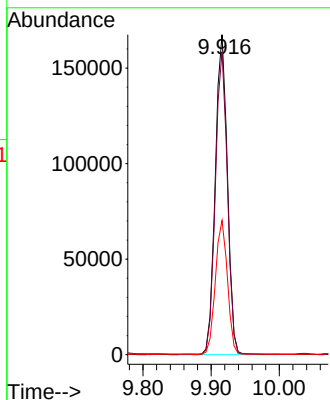
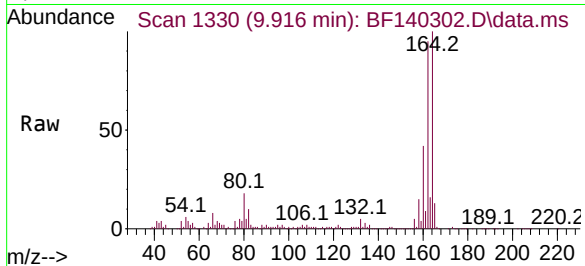




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140302.D
Acq: 08 Nov 2024 16:43

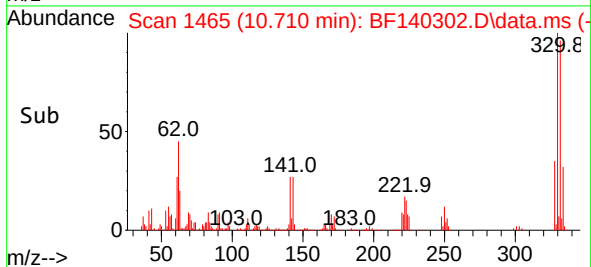
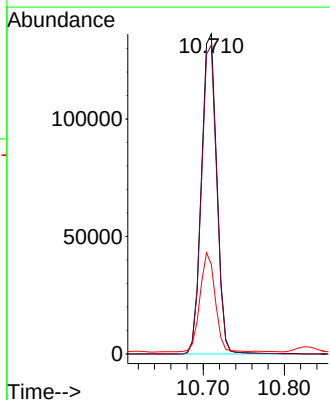
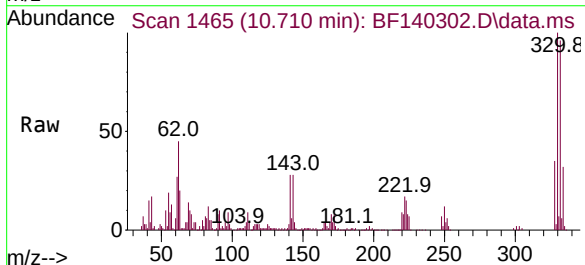
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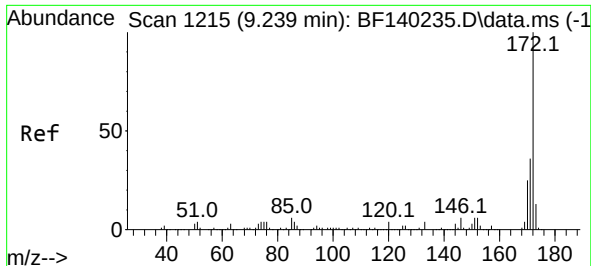
Tgt Ion:164 Resp: 207340
Ion Ratio Lower Upper
164 100
162 94.7 77.0 115.4
160 42.0 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 87.149 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF140302.D
Acq: 08 Nov 2024 16:43

Tgt Ion:330 Resp: 178607
Ion Ratio Lower Upper
330 100
332 96.5 76.4 114.6
141 30.8 27.0 40.4





#45

2-Fluorobiphenyl

Concen: 56.627 ng

RT: 9.234 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140302.D

Acq: 08 Nov 2024 16:43

Instrument :

BNA_F

ClientSampleId :

72-12018

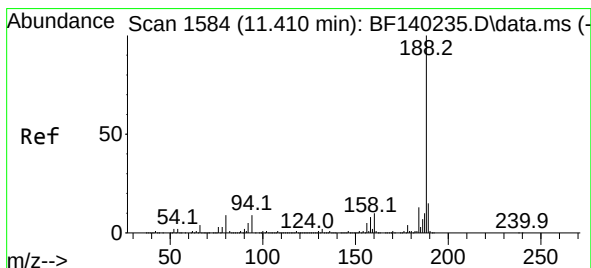
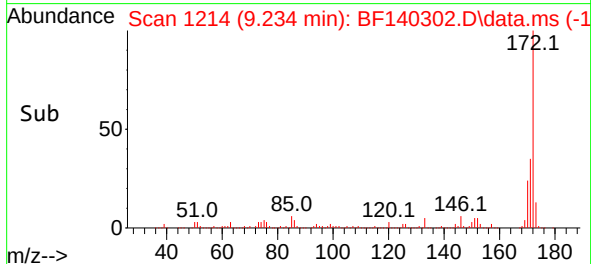
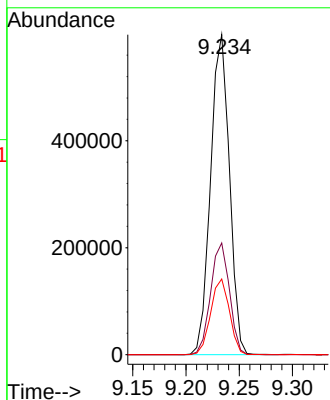
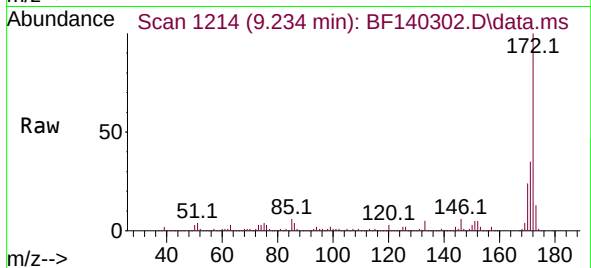
Tgt Ion:172 Resp: 735281

Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 23.6 19.6 29.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF140302.D

Acq: 08 Nov 2024 16:43

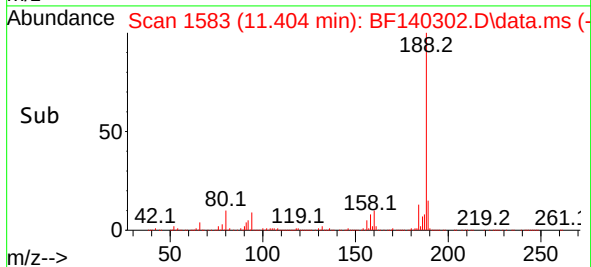
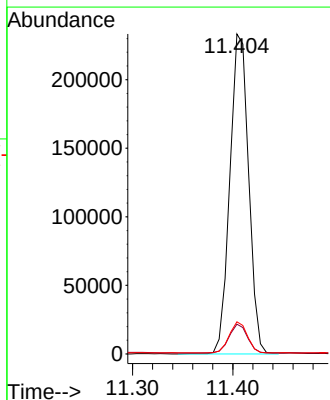
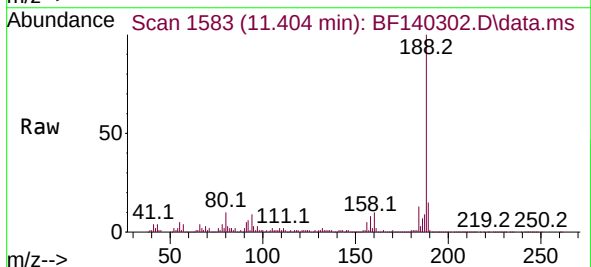
Tgt Ion:188 Resp: 303824

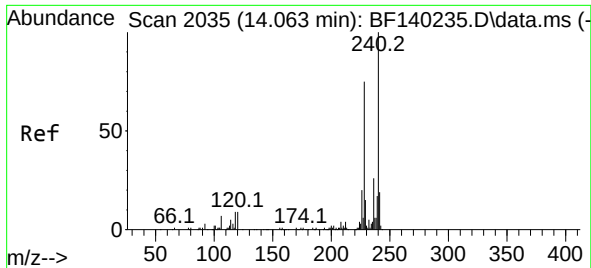
Ion Ratio Lower Upper

188 100

94 9.3 6.9 10.3

80 10.0 7.5 11.3

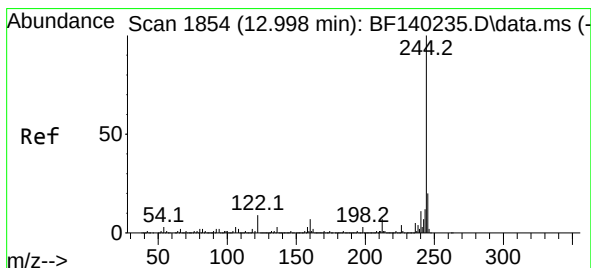
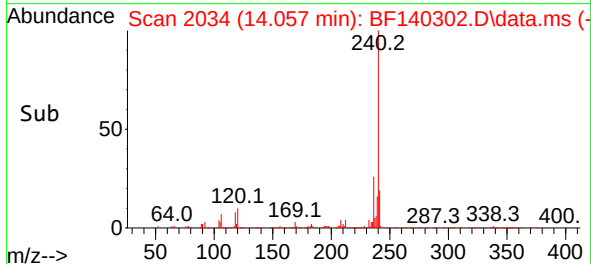
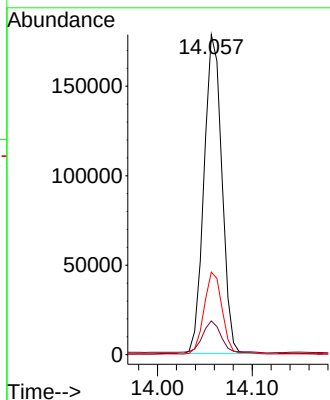
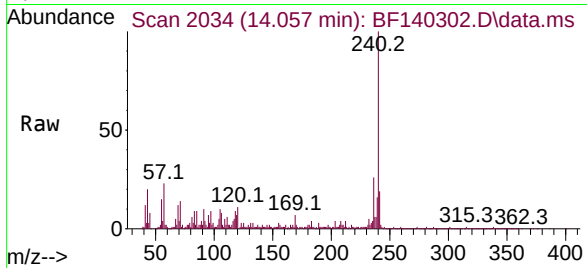




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF140302.D
Acq: 08 Nov 2024 16:43

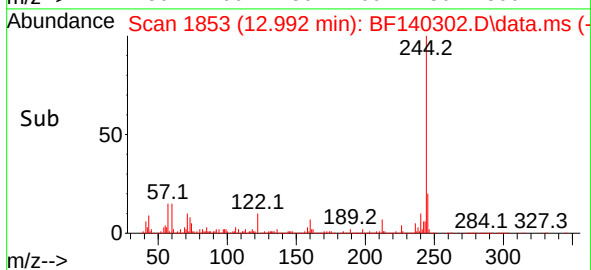
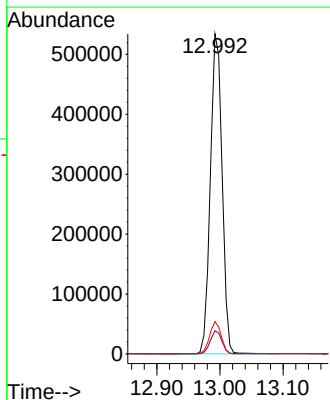
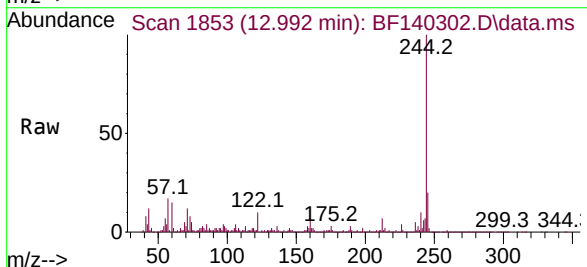
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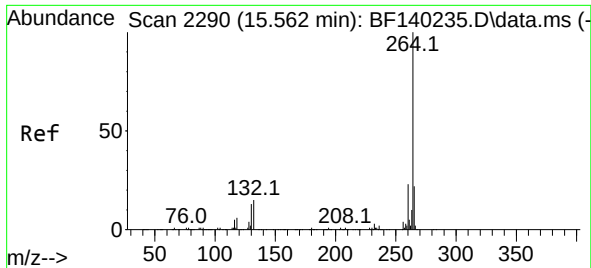
Tgt Ion:240 Resp: 233652
Ion Ratio Lower Upper
240 100
120 10.5 7.5 11.3
236 25.8 20.9 31.3



#79
Terphenyl-d14
Concen: 48.323 ng
RT: 12.992 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF140302.D
Acq: 08 Nov 2024 16:43

Tgt Ion:244 Resp: 689251
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 10.1 7.6 11.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF140302.D
Acq: 08 Nov 2024 16:43

Instrument :
BNA_F
ClientSampleId :
72-12018

Tgt Ion:264 Resp: 185310
Ion Ratio Lower Upper
264 100
260 22.8 18.8 28.2
265 21.3 17.3 25.9

