

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140502.D
 Acq On : 20 Nov 2024 16:25
 Operator : RC/JU
 Sample : PB165086BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165086BL

Quant Time: Nov 20 17:06:00 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	6.869	152	127581	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	485914	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	273616	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	524410	20.000	ng	0.00
76) Chrysene-d12	14.045	240	336229	20.000	ng	0.00
86) Perylene-d12	15.539	264	269895	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	929313	124.368	ng	0.02
7) Phenol-d6	6.510	99	1217108	120.223	ng	0.00
23) Nitrobenzene-d5	7.434	82	803231	86.127	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	349607	128.490	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1476829	86.767	ng	0.00
79) Terphenyl-d14	12.986	244	1657784	85.584	ng	0.00

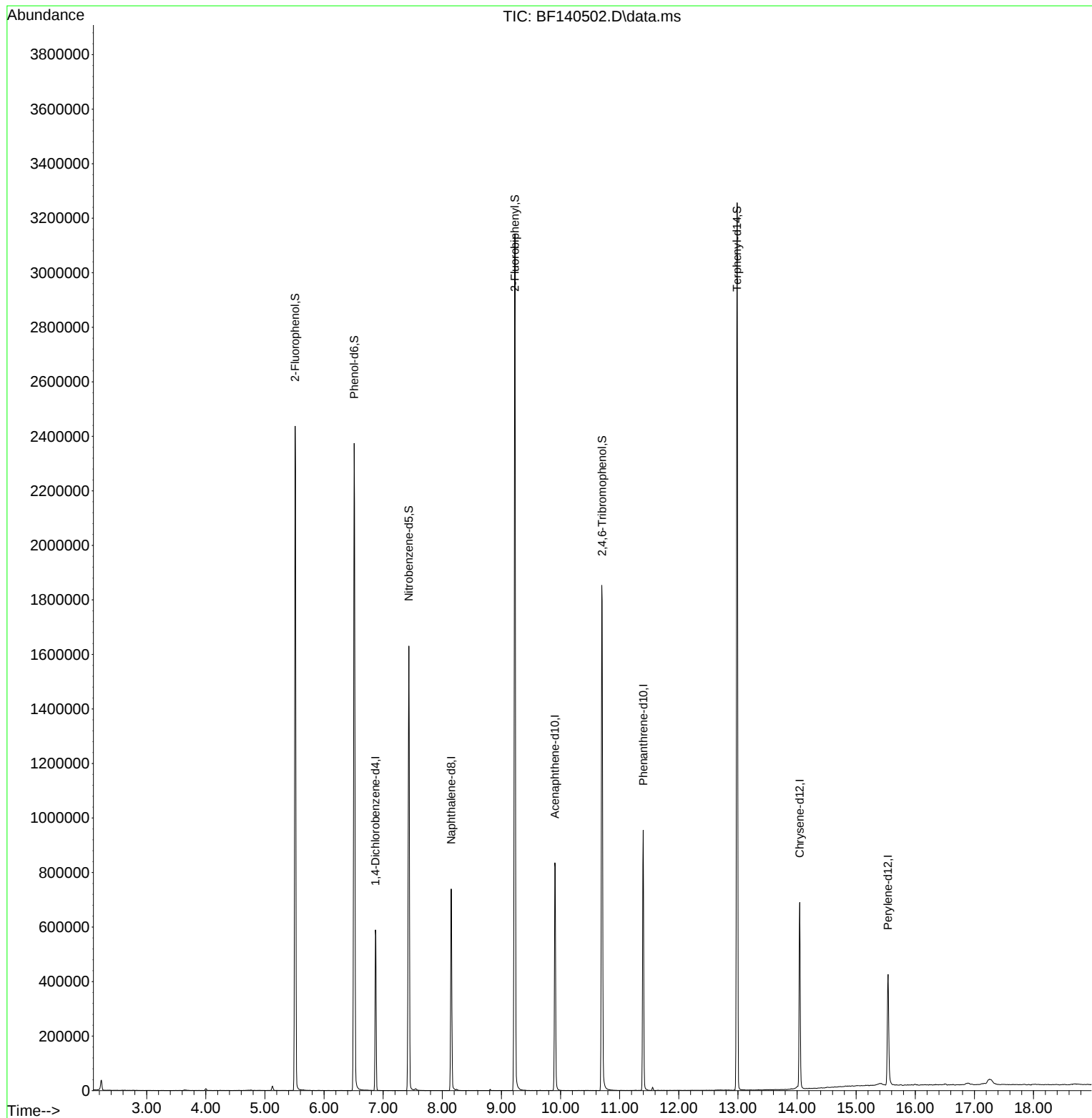
Target Compounds	Qvalue

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

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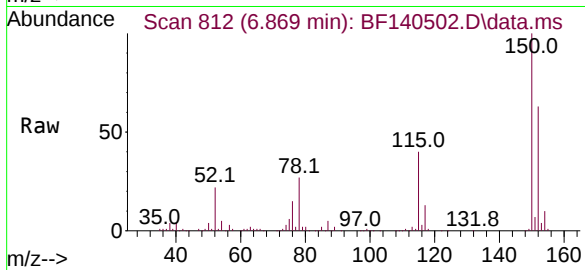
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
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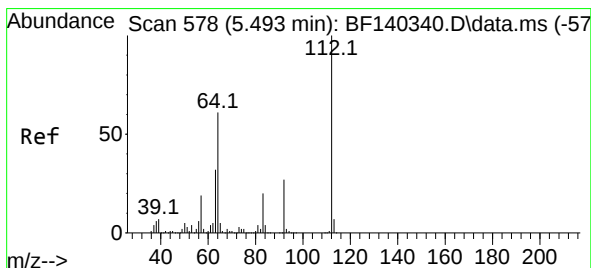
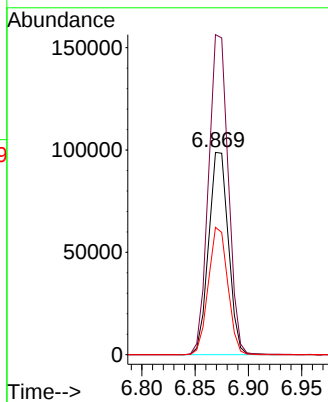
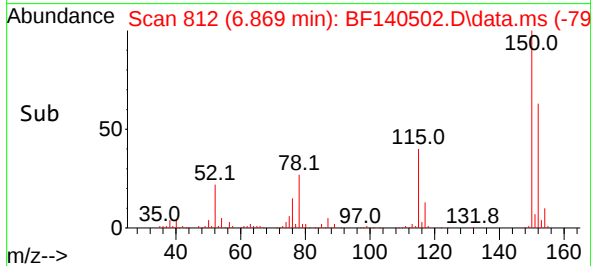


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140502.D
Acq: 20 Nov 2024 16:25

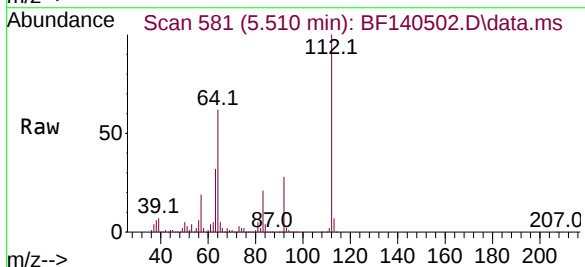
Instrument :
BNA_F
ClientSampleId :
PB165086BL



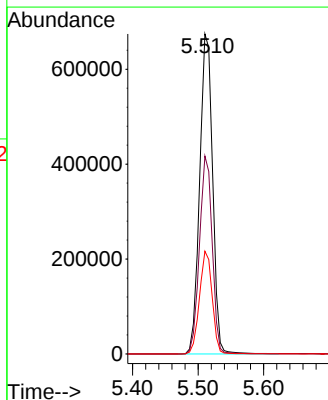
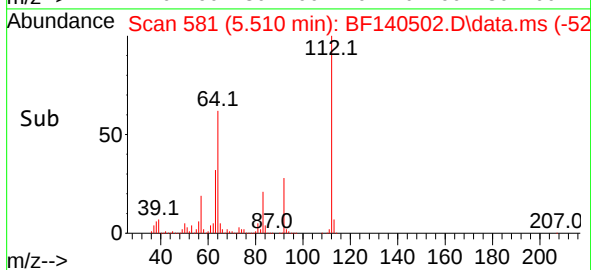
Tgt Ion:152 Resp: 127581
Ion Ratio Lower Upper
152 100
150 158.2 127.4 191.0
115 63.0 47.4 71.2



#5
2-Fluorophenol
Concen: 124.368 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF140502.D
Acq: 20 Nov 2024 16:25



Tgt Ion:112 Resp: 929313
Ion Ratio Lower Upper
112 100
64 61.9 49.2 73.8
63 32.1 25.6 38.4

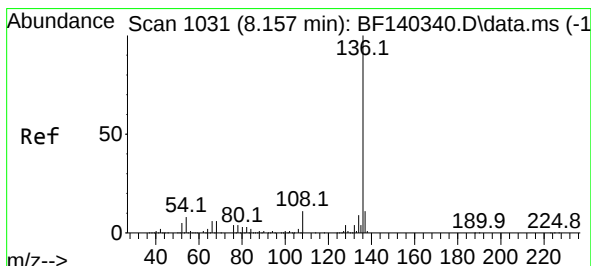
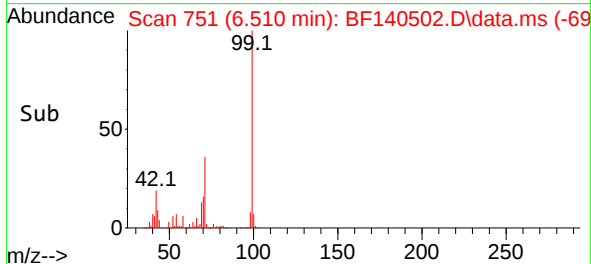
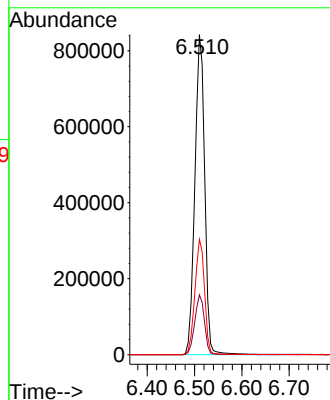
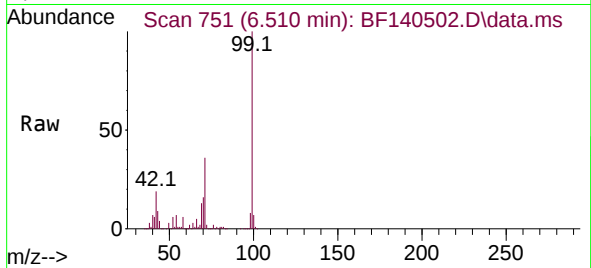




#7
Phenol-d6
Concen: 120.223 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140502.D
Acq: 20 Nov 2024 16:25

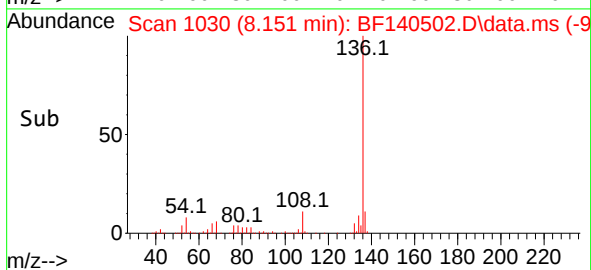
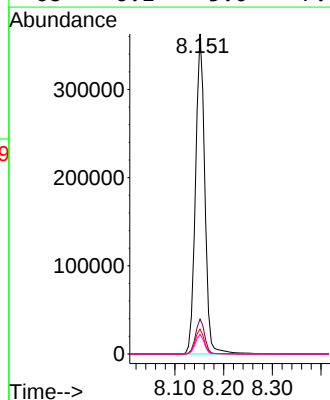
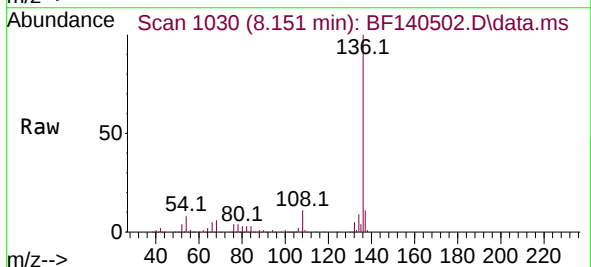
Instrument :
BNA_F
ClientSampleId :
PB165086BL

Tgt Ion: 99 Resp: 1217108
Ion Ratio Lower Upper
99 100
42 18.7 15.1 22.7
71 36.1 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: BF140502.D
Acq: 20 Nov 2024 16:25

Tgt Ion: 136 Resp: 485914
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.7 6.5 9.7
68 6.1 5.0 7.6





#23

Nitrobenzene-d5

Concen: 86.127 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140502.D

Acq: 20 Nov 2024 16:25

Instrument :

BNA_F

ClientSampleId :

PB165086BL

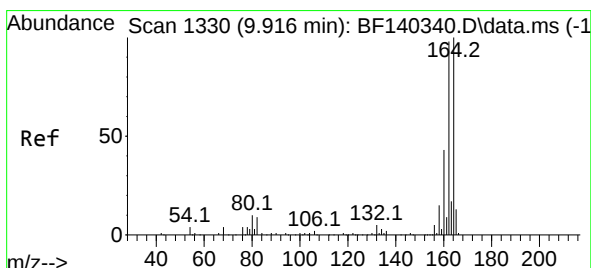
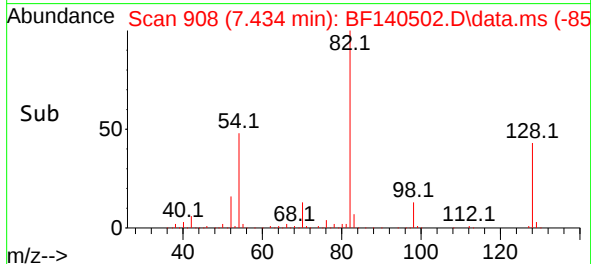
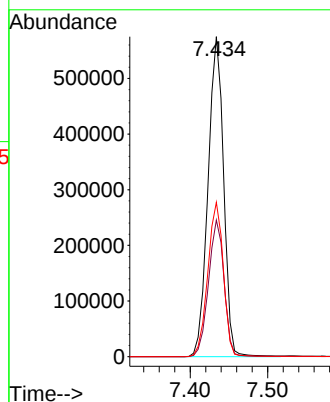
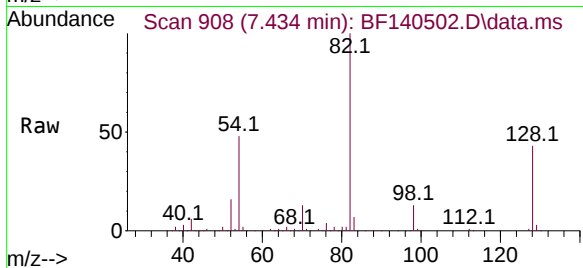
Tgt Ion: 82 Resp: 803231

Ion Ratio Lower Upper

82 100

128 42.7 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: BF140502.D

Acq: 20 Nov 2024 16:25

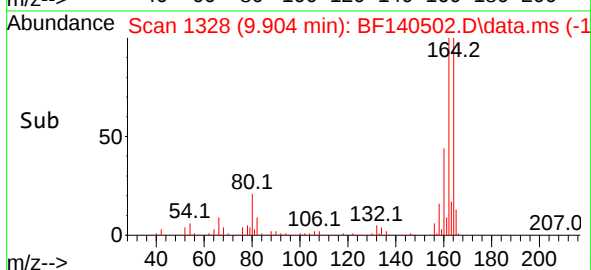
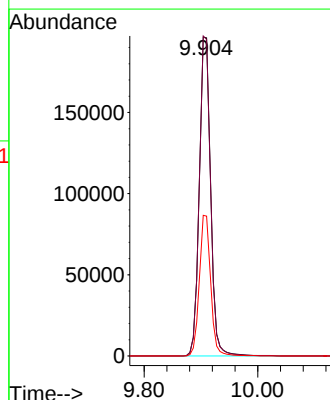
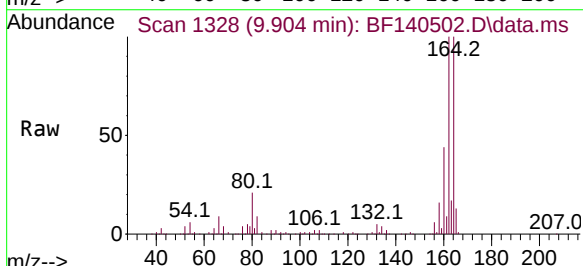
Tgt Ion:164 Resp: 273616

Ion Ratio Lower Upper

164 100

162 100.3 79.8 119.8

160 44.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 128.490 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.000 min

Lab File: BF140502.D

Acq: 20 Nov 2024 16:25

Instrument :

BNA_F

ClientSampleId :

PB165086BL

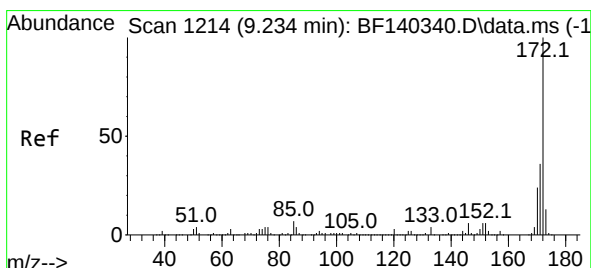
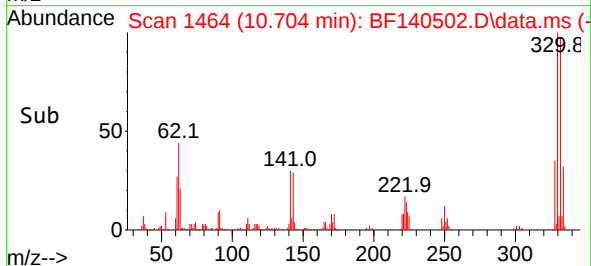
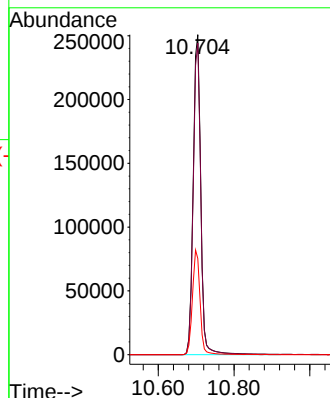
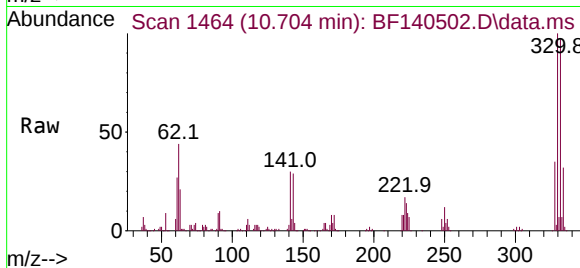
Tgt Ion:330 Resp: 349607

Ion Ratio Lower Upper

330 100

332 96.8 75.9 113.9

141 32.7 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 86.767 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140502.D

Acq: 20 Nov 2024 16:25

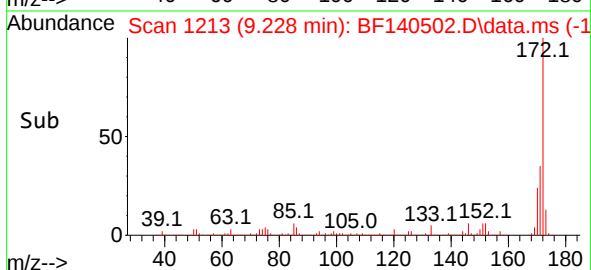
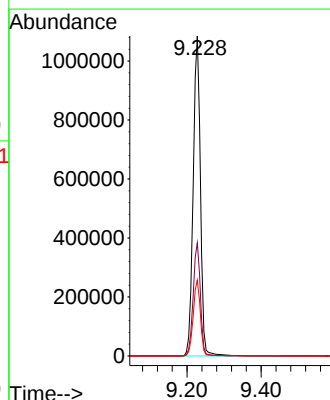
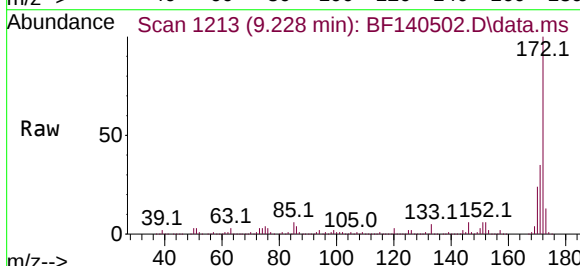
Tgt Ion:172 Resp: 1476829

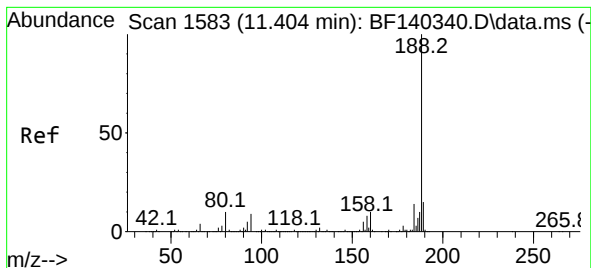
Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 23.7 19.1 28.7

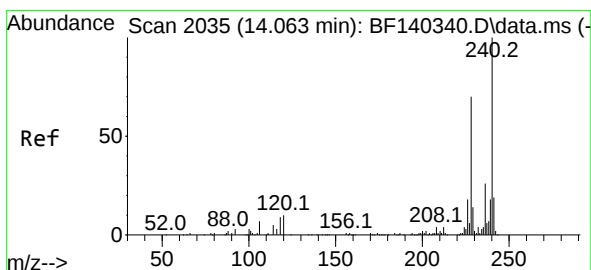
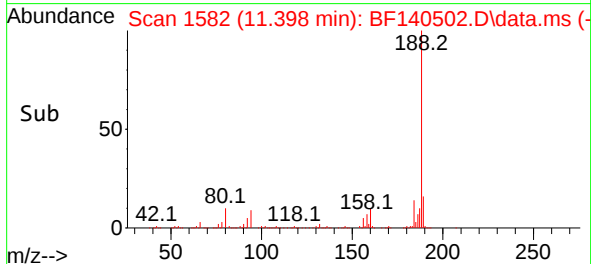
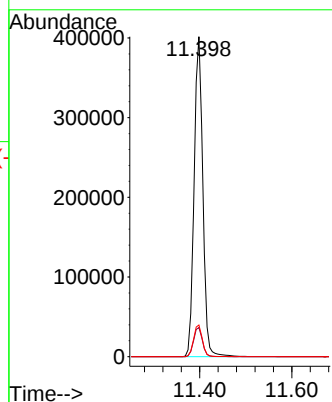
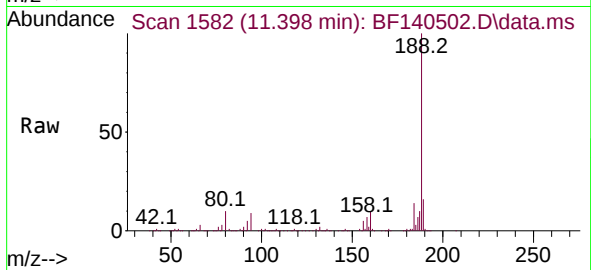




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140502.D
Acq: 20 Nov 2024 16:25

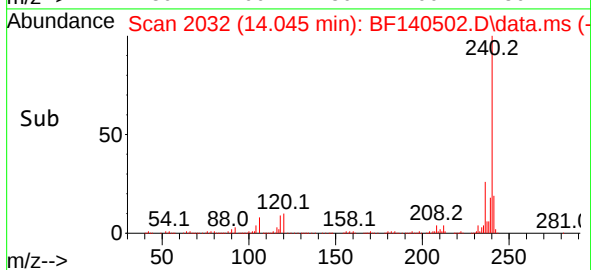
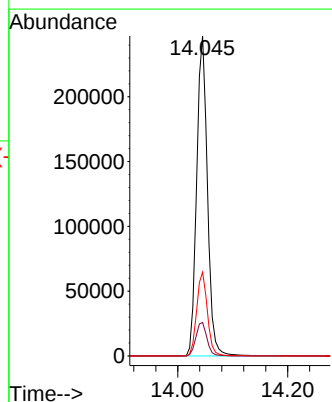
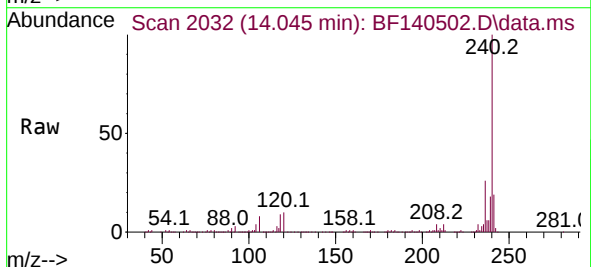
Instrument :
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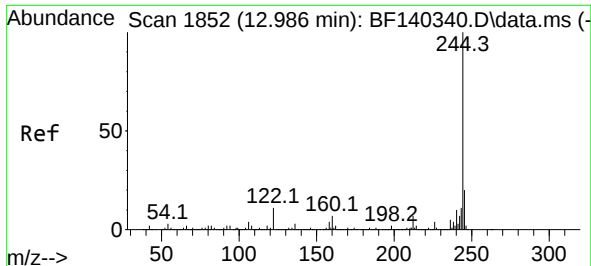
Tgt Ion:188 Resp: 524410
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 9.9 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140502.D
Acq: 20 Nov 2024 16:25

Tgt Ion:240 Resp: 336229
Ion Ratio Lower Upper
240 100
120 10.4 8.8 13.2
236 26.2 20.9 31.3

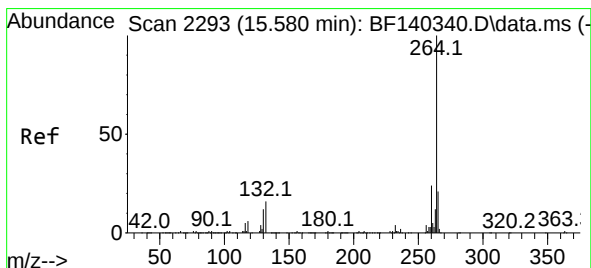
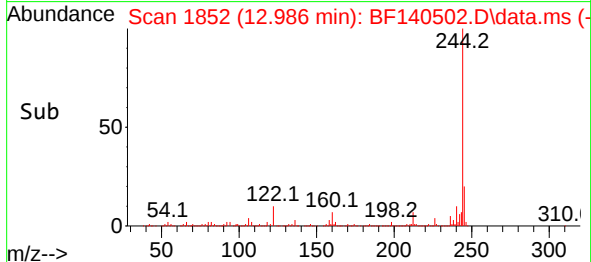
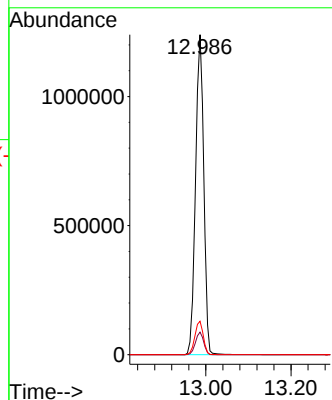
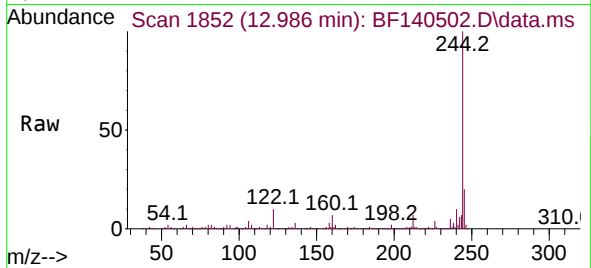




#79
 Terphenyl-d14
 Concen: 85.584 ng
 RT: 12.986 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140502.D
 Acq: 20 Nov 2024 16:25

Instrument :
 BNA_F
 ClientSampleId :
 PB165086BL

Tgt Ion:244 Resp: 1657784
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 10.4 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: BF140502.D
 Acq: 20 Nov 2024 16:25

Tgt Ion:264 Resp: 269895
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.6 17.1 25.7

