

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140386.D
Acq On : 15 Nov 2024 01:49
Operator : RC/JU
Sample : P4807-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7

Quant Time: Nov 15 02:38:22 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	136398	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	496969	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	240663	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	384495	20.000	ng	0.00
76) Chrysene-d12	14.045	240	226109	20.000	ng	0.00
86) Perylene-d12	15.533	264	182742	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	704602	88.200	ng	0.02
7) Phenol-d6	6.522	99	933993	86.294	ng	0.02
23) Nitrobenzene-d5	7.433	82	594284	62.305	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	184229	76.980	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1029379	68.759	ng	0.00
79) Terphenyl-d14	12.986	244	814627	62.537	ng	0.00

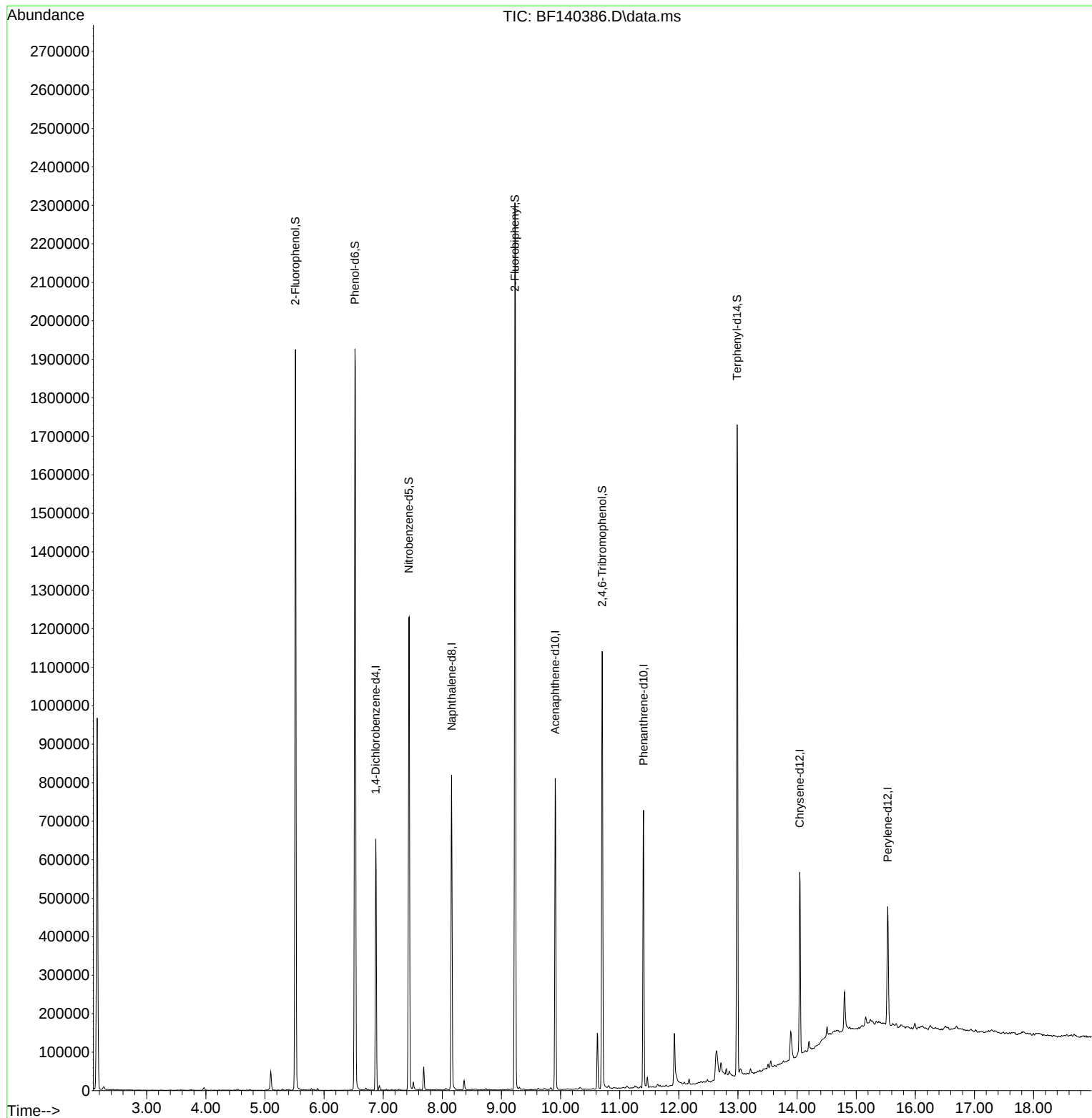
Target Compounds	Qvalue

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

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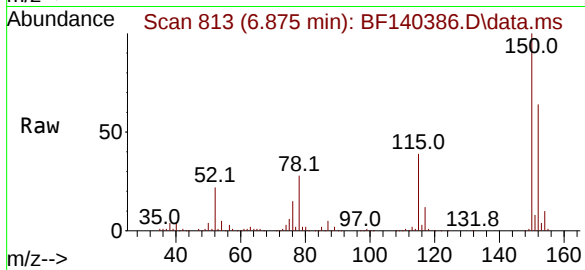
Quant Time: Nov 15 02:38:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
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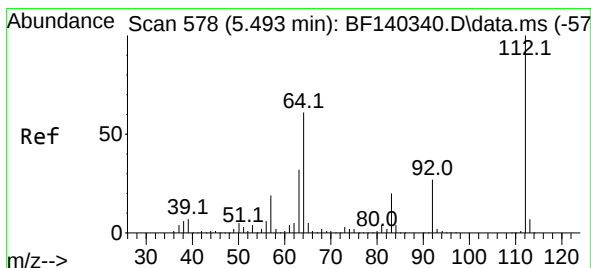
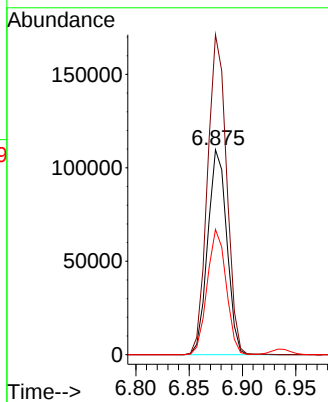
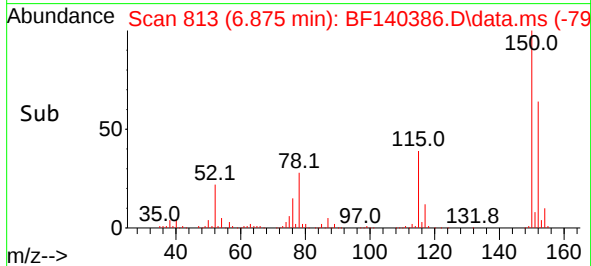


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140386.D
Acq: 15 Nov 2024 01:49

Instrument :
BNA_F
ClientSampleId :
TP-7

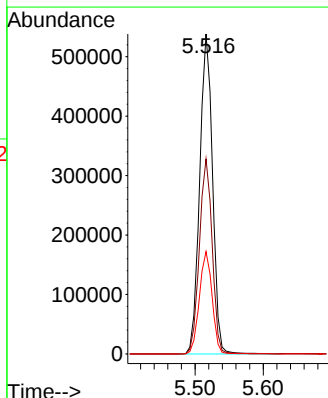
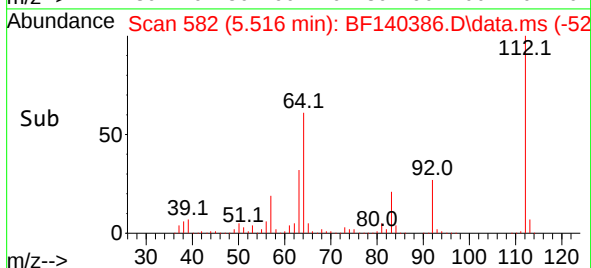
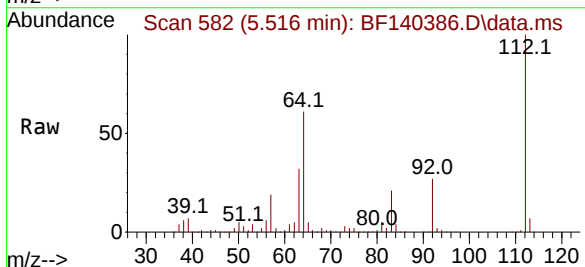


Tgt Ion:152 Resp: 136398
Ion Ratio Lower Upper
152 100
150 156.1 127.4 191.0
115 61.2 47.4 71.2



#5
2-Fluorophenol
Concen: 88.200 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.023 min
Lab File: BF140386.D
Acq: 15 Nov 2024 01:49

Tgt Ion:112 Resp: 704602
Ion Ratio Lower Upper
112 100
64 60.9 49.2 73.8
63 32.0 25.6 38.4





#7

Phenol-d6

Concen: 86.294 ng

RT: 6.522 min Scan# 71

Delta R.T. 0.017 min

Lab File: BF140386.D

Acq: 15 Nov 2024 01:49

Instrument :

BNA_F

ClientSampleId :

TP-7

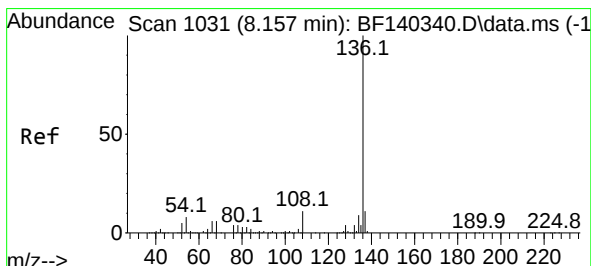
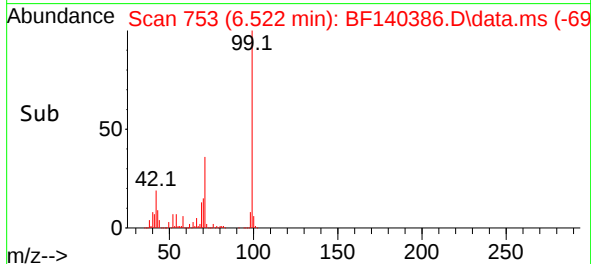
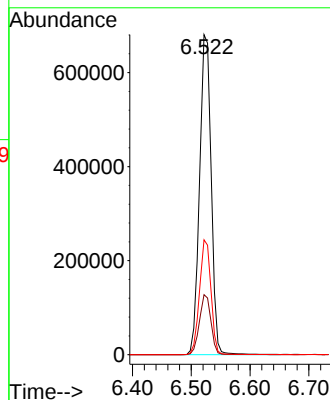
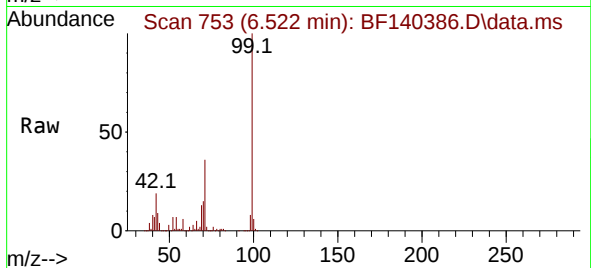
Tgt Ion: 99 Resp: 933993

Ion Ratio Lower Upper

99 100

42 18.7 15.1 22.7

71 35.9 27.9 41.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1031

Delta R.T. -0.000 min

Lab File: BF140386.D

Acq: 15 Nov 2024 01:49

Tgt Ion: 136 Resp: 496969

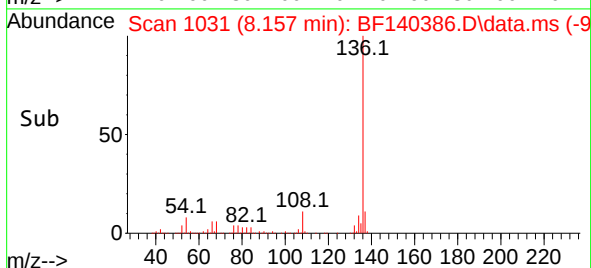
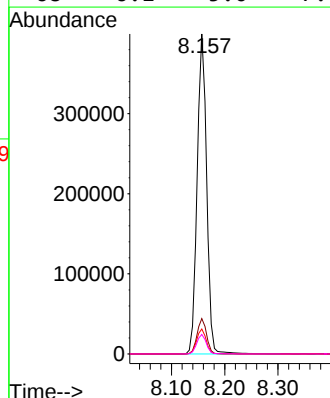
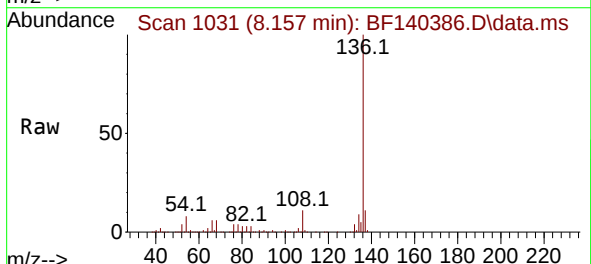
Ion Ratio Lower Upper

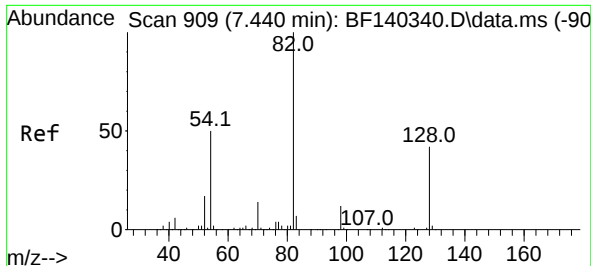
136 100

137 11.0 8.7 13.1

54 7.8 6.5 9.7

68 6.1 5.0 7.6

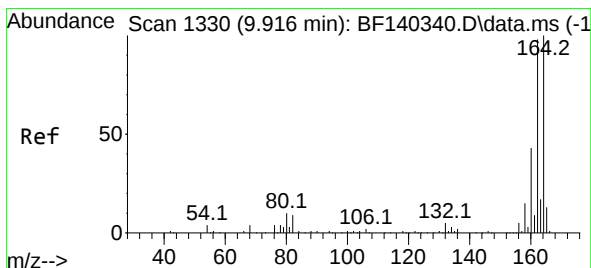
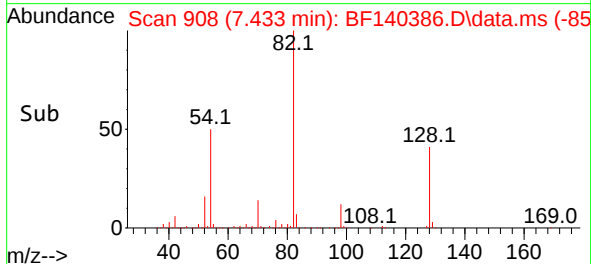
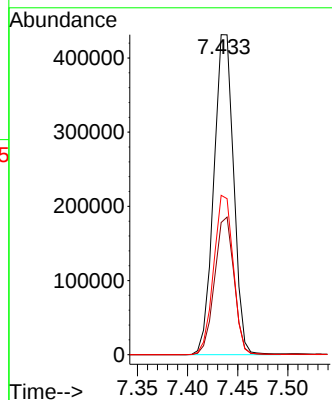
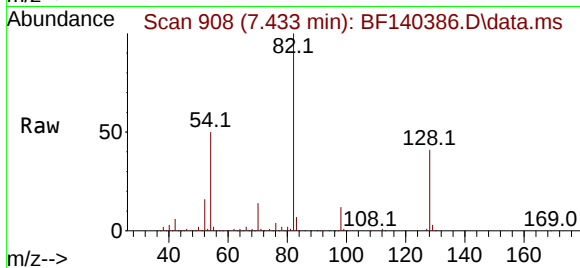




#23
Nitrobenzene-d5
Concen: 62.305 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140386.D
Acq: 15 Nov 2024 01:49

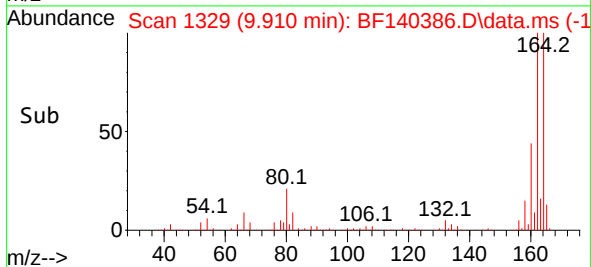
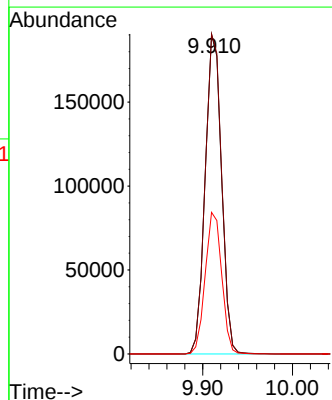
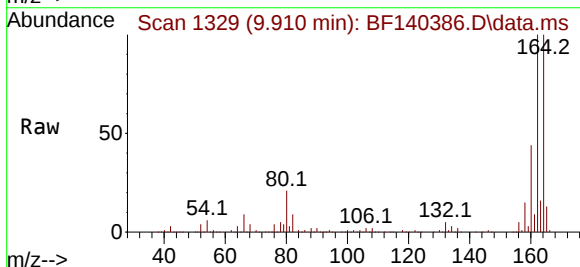
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Tgt Ion: 82 Resp: 594284
Ion Ratio Lower Upper
82 100
128 41.3 33.3 49.9
54 49.8 39.8 59.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140386.D
Acq: 15 Nov 2024 01:49

Tgt Ion:164 Resp: 240663
Ion Ratio Lower Upper
164 100
162 100.2 79.8 119.8
160 44.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 76.980 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140386.D

Acq: 15 Nov 2024 01:49

Instrument :

BNA_F

ClientSampleId :

TP-7

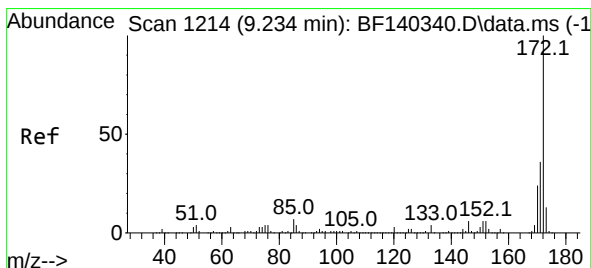
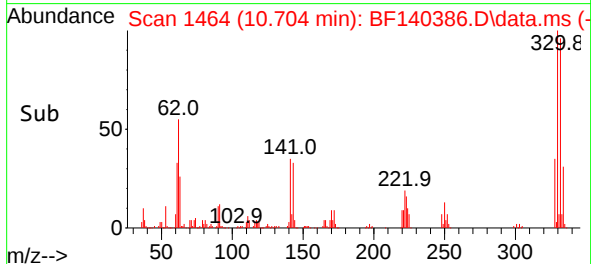
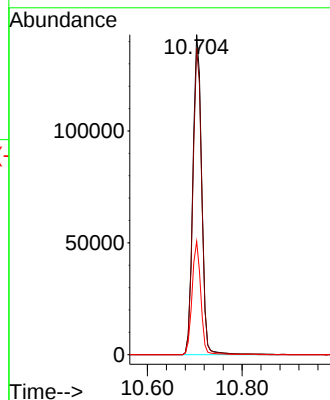
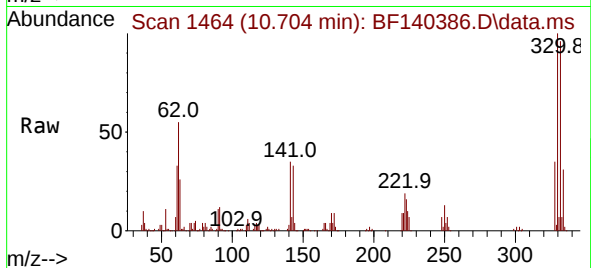
Tgt Ion:330 Resp: 184229

Ion Ratio Lower Upper

330 100

332 95.7 75.9 113.9

141 34.9 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 68.759 ng

RT: 9.227 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140386.D

Acq: 15 Nov 2024 01:49

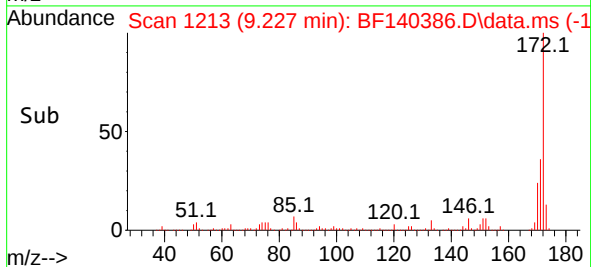
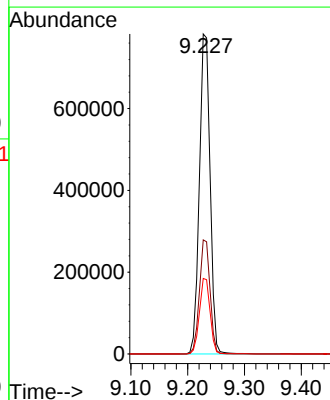
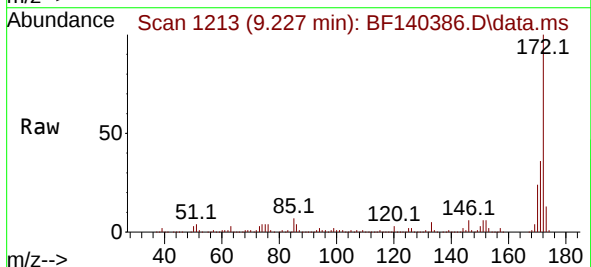
Tgt Ion:172 Resp: 1029379

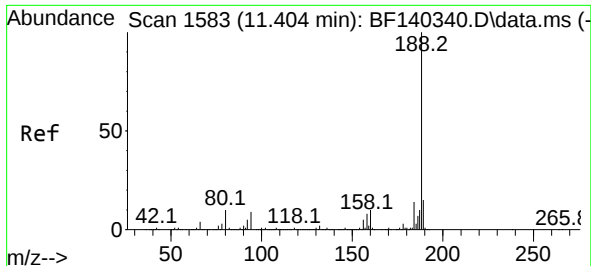
Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 23.6 19.1 28.7

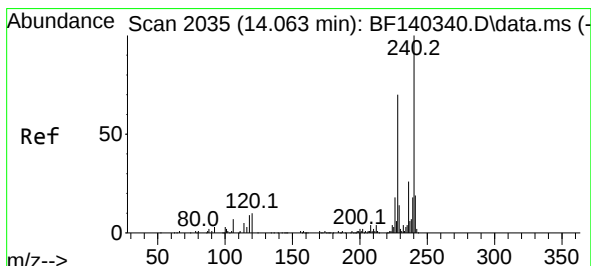
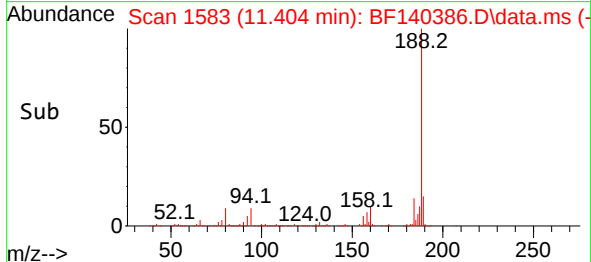
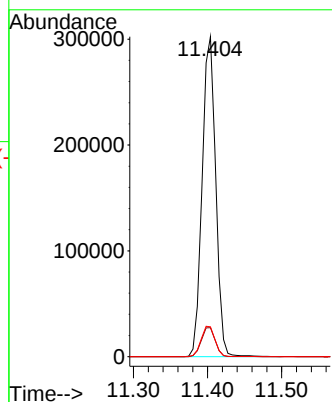
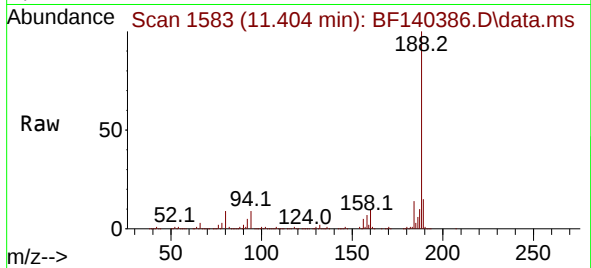




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140386.D
Acq: 15 Nov 2024 01:49

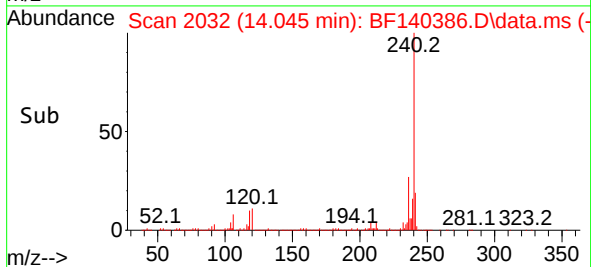
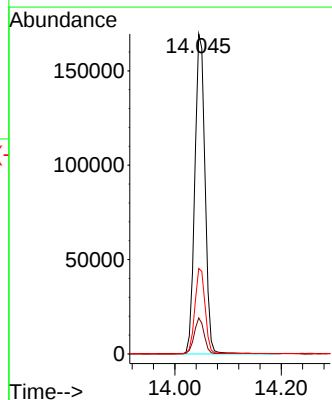
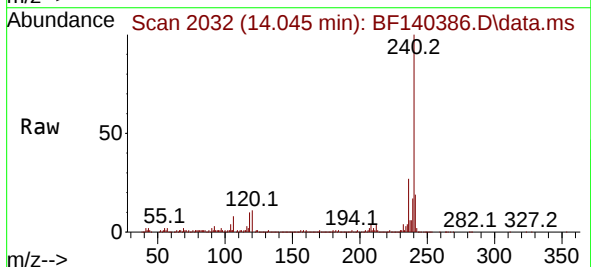
Instrument :
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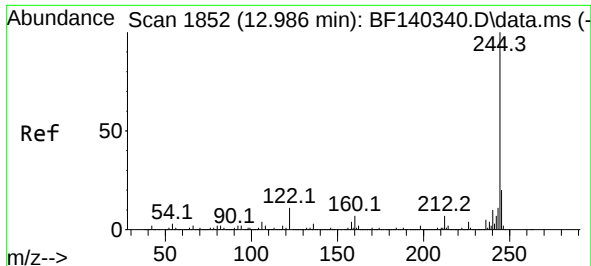
Tgt Ion:188 Resp: 384495
Ion Ratio Lower Upper
188 100
94 9.0 7.6 11.4
80 9.4 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140386.D
Acq: 15 Nov 2024 01:49

Tgt Ion:240 Resp: 226109
Ion Ratio Lower Upper
240 100
120 11.2 8.8 13.2
236 26.7 20.9 31.3

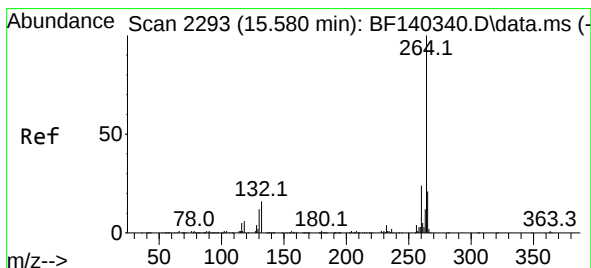
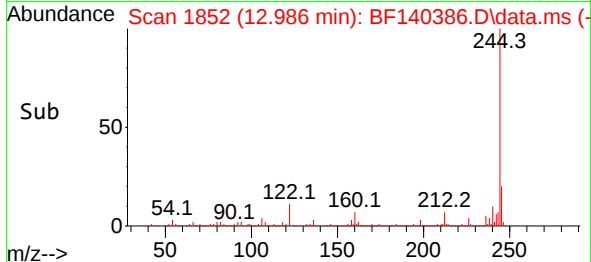
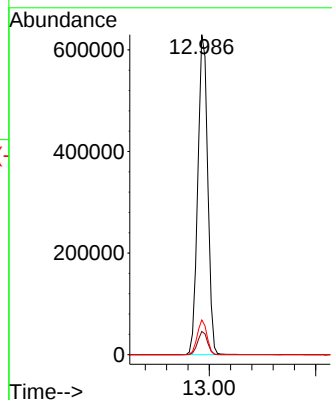
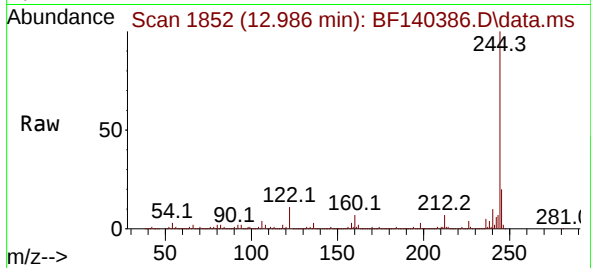




#79
 Terphenyl-d14
 Concen: 62.537 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140386.D
 Acq: 15 Nov 2024 01:49

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Tgt Ion:244 Resp: 814627
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 10.8 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. -0.024 min
 Lab File: BF140386.D
 Acq: 15 Nov 2024 01:49

Tgt Ion:264 Resp: 182742
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.6 17.1 25.7

