

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
 Data File : BF140817.D
 Acq On : 10 Dec 2024 20:11
 Operator : RC/JU
 Sample : P5216-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-743

Quant Time: Dec 11 00:35:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	62869	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	227065	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	117125	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	185297	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	113576	20.000	ng	0.00
86) Perylene-d12	15.539	264	88175	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	331465	89.957	ng	0.01
7) Phenol-d6	6.516	99	406446	83.437	ng	0.00
23) Nitrobenzene-d5	7.428	82	274744	61.891	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	104440	83.375	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	525814	66.889	ng	-0.02
79) Terphenyl-d14	12.974	244	434348	59.549	ng	-0.02

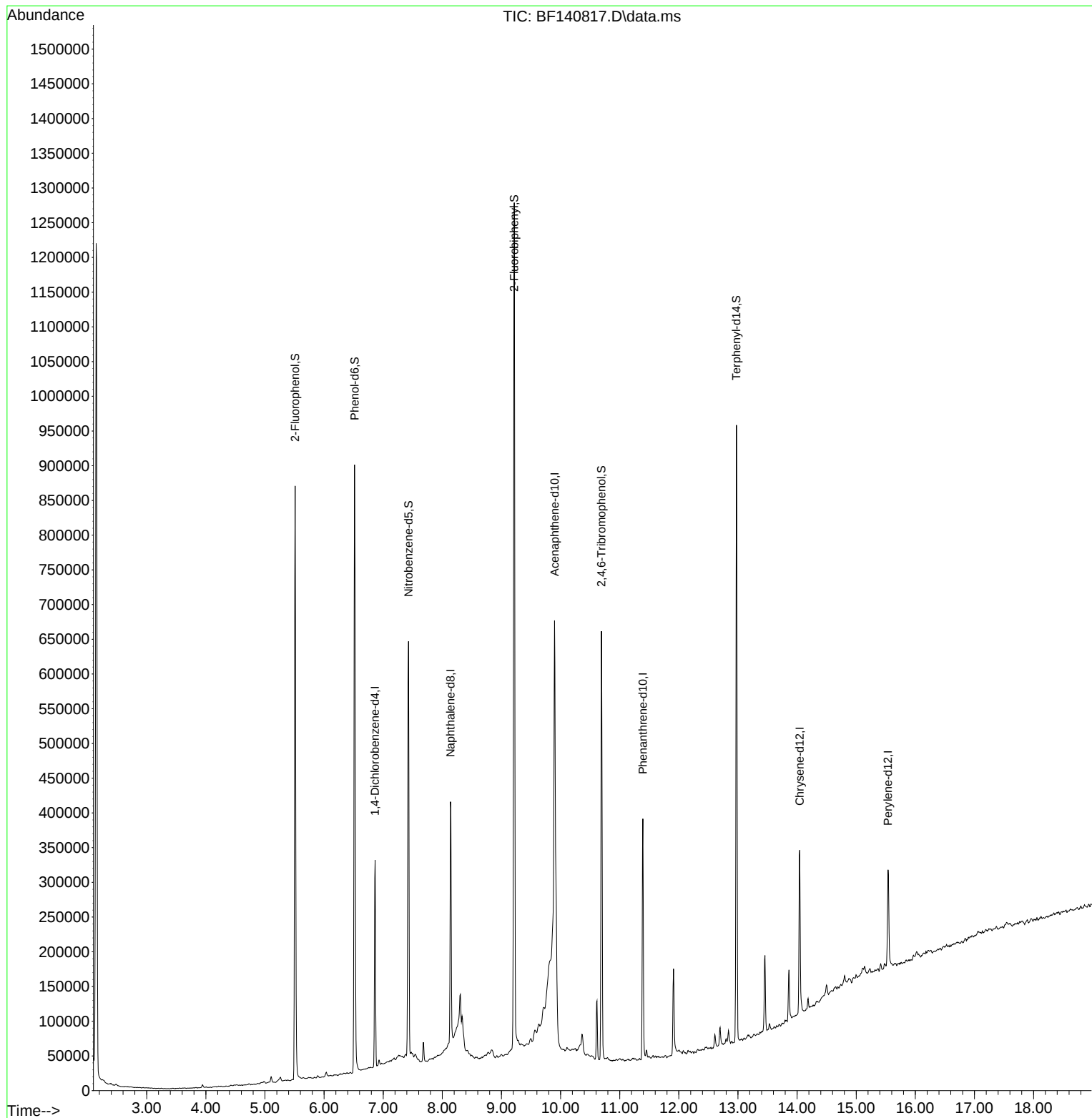
Target Compounds	Qvalue

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

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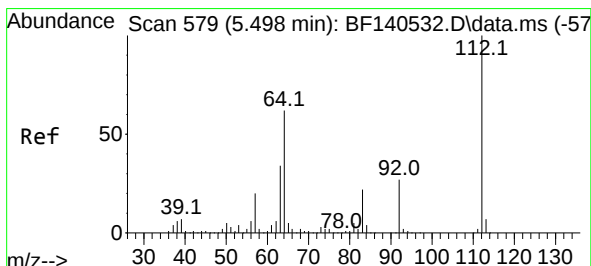
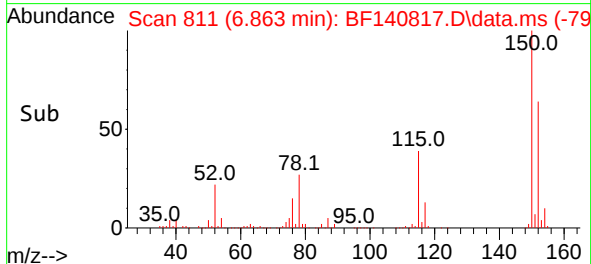
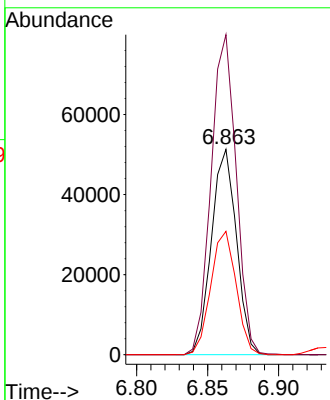
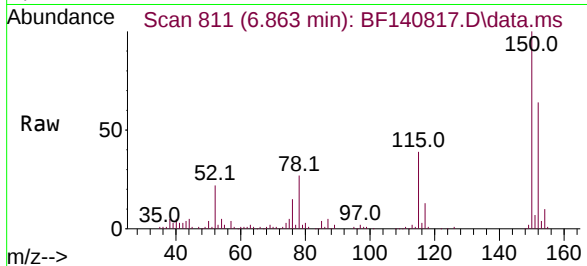




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF140817.D
 Acq: 10 Dec 2024 20:11

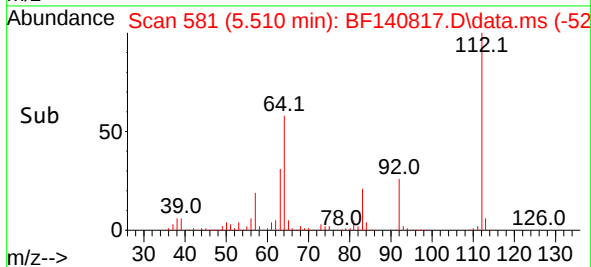
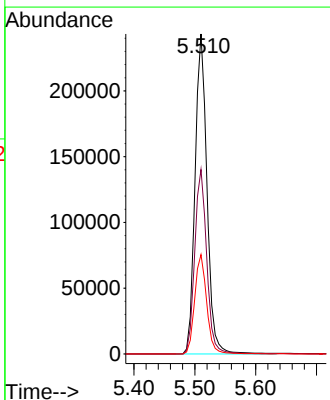
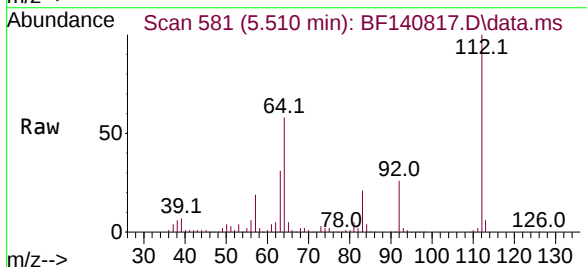
Instrument :
 BNA_F
 ClientSampleId :
 MH-743

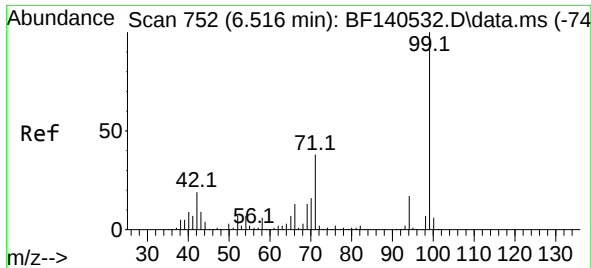
Tgt Ion:152 Resp: 62869
 Ion Ratio Lower Upper
 152 100
 150 155.9 128.5 192.7
 115 60.1 50.2 75.4



#5
 2-Fluorophenol
 Concen: 89.957 ng
 RT: 5.510 min Scan# 581
 Delta R.T. 0.012 min
 Lab File: BF140817.D
 Acq: 10 Dec 2024 20:11

Tgt Ion:112 Resp: 331465
 Ion Ratio Lower Upper
 112 100
 64 57.7 49.2 73.8
 63 31.1 27.0 40.4

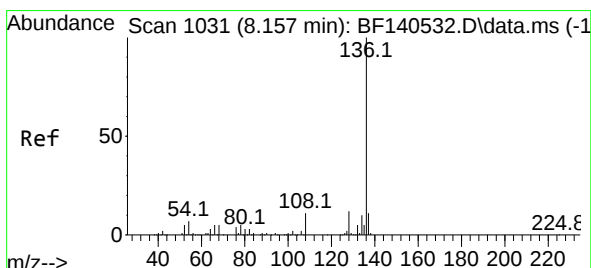
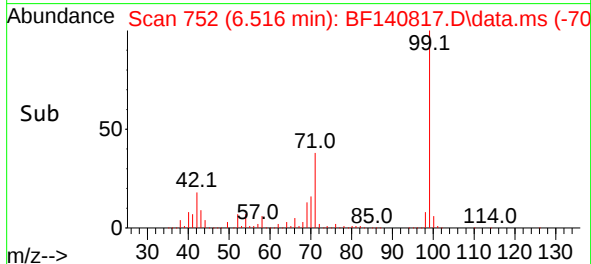
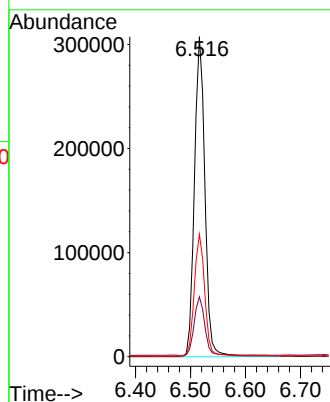
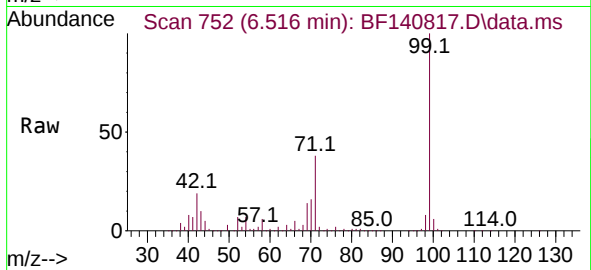




#7
Phenol-d6
Concen: 83.437 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140817.D
Acq: 10 Dec 2024 20:11

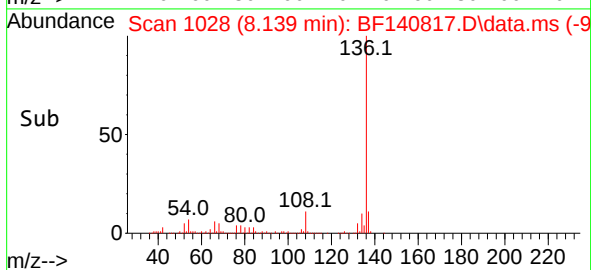
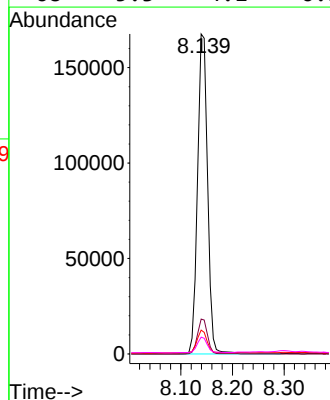
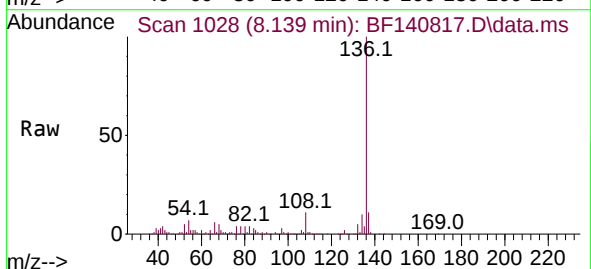
Instrument :
BNA_F
ClientSampleId :
MH-743

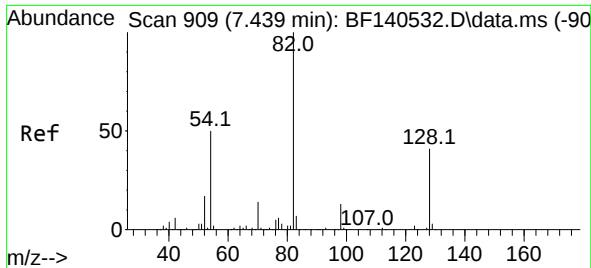
Tgt Ion: 99 Resp: 406446
Ion Ratio Lower Upper
99 100
42 18.7 15.4 23.0
71 38.2 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1028
Delta R.T. -0.018 min
Lab File: BF140817.D
Acq: 10 Dec 2024 20:11

Tgt Ion: 136 Resp: 227065
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.5 5.8 8.8
68 5.3 4.1 6.1

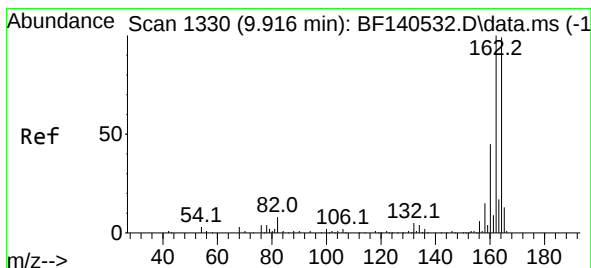
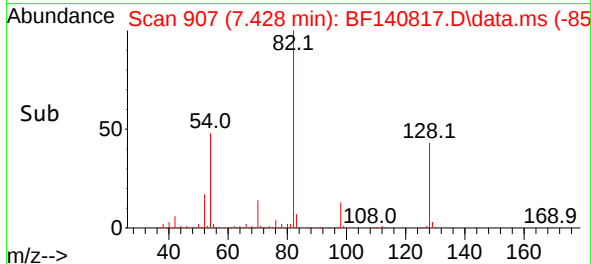
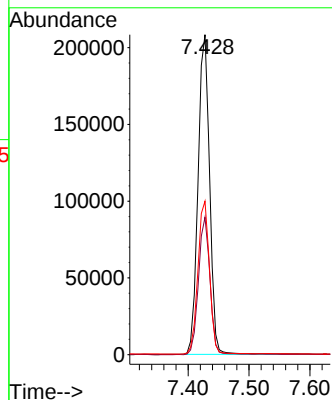
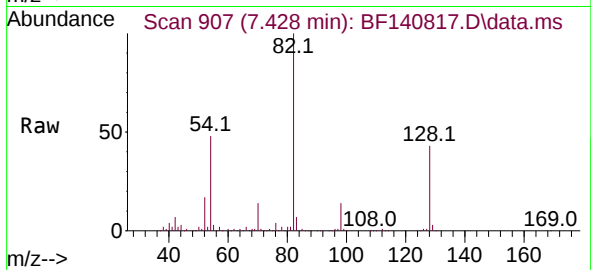




#23
Nitrobenzene-d5
Concen: 61.891 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140817.D
Acq: 10 Dec 2024 20:11

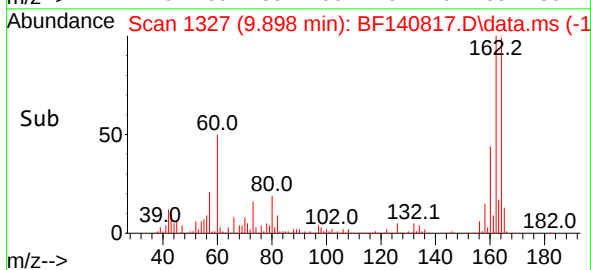
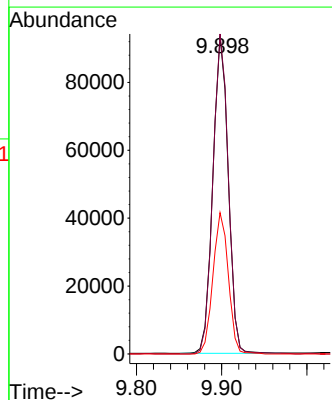
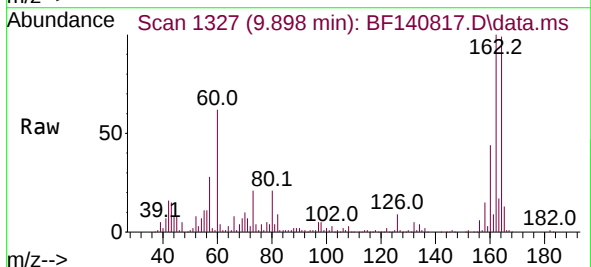
Instrument :
BNA_F
ClientSampleId :
MH-743

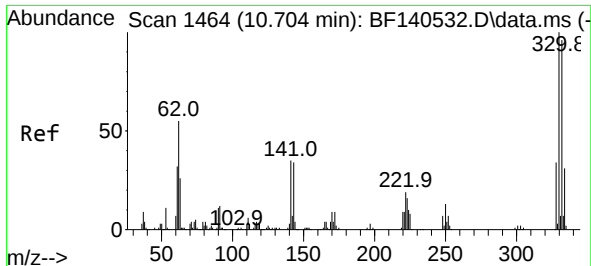
Tgt Ion: 82 Resp: 274744
Ion Ratio Lower Upper
82 100
128 43.0 33.0 49.4
54 47.9 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF140817.D
Acq: 10 Dec 2024 20:11

Tgt Ion:164 Resp: 117125
Ion Ratio Lower Upper
164 100
162 100.8 80.6 120.8
160 44.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 83.375 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.012 min

Lab File: BF140817.D

Acq: 10 Dec 2024 20:11

Instrument :

BNA_F

ClientSampleId :

MH-743

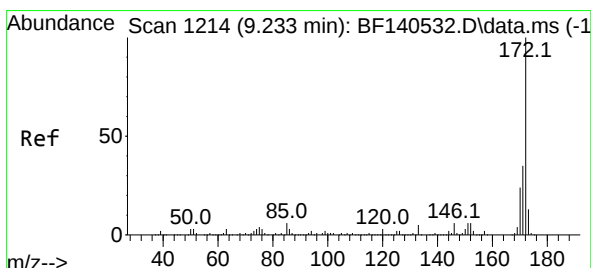
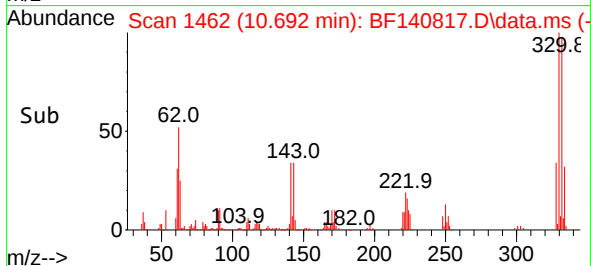
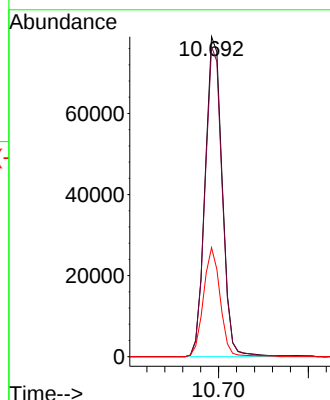
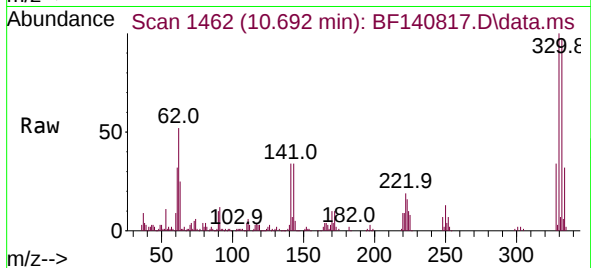
Tgt Ion:330 Resp: 104440

Ion Ratio Lower Upper

330 100

332 97.2 76.9 115.3

141 33.4 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 66.889 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.018 min

Lab File: BF140817.D

Acq: 10 Dec 2024 20:11

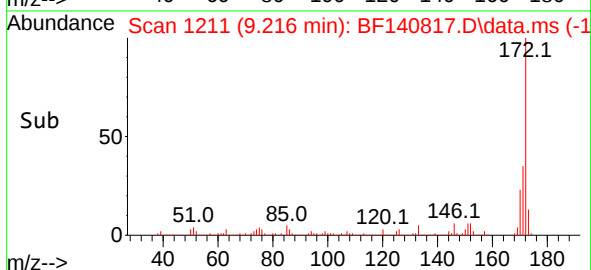
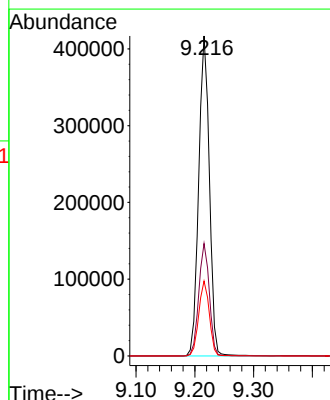
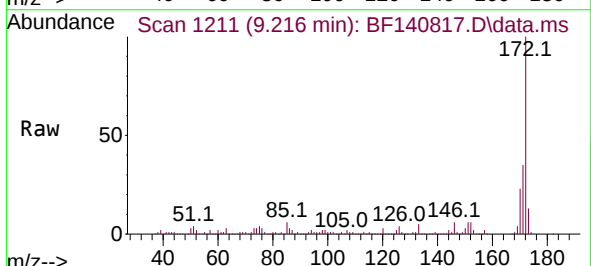
Tgt Ion:172 Resp: 525814

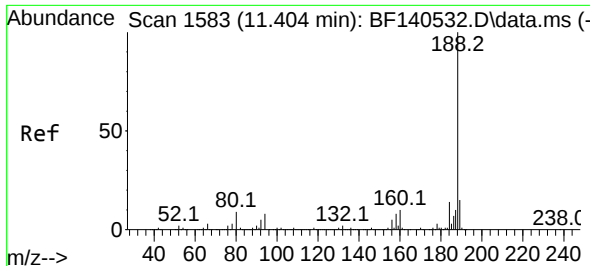
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.4 19.0 28.6

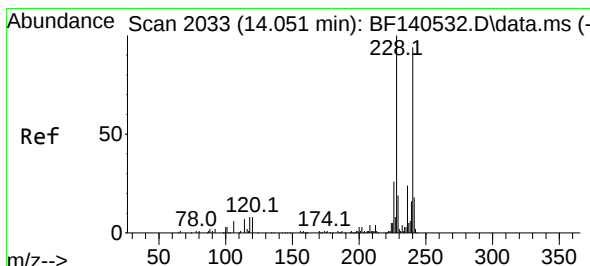
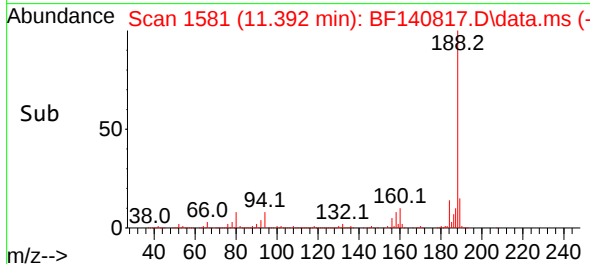
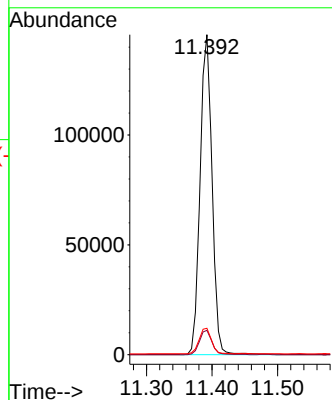
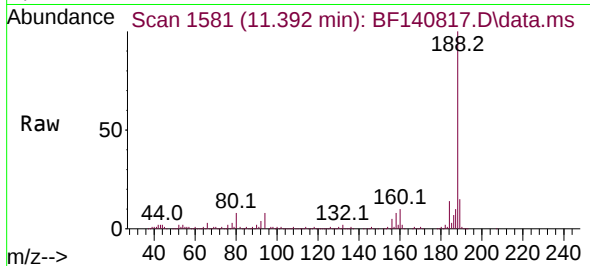




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140817.D
Acq: 10 Dec 2024 20:11

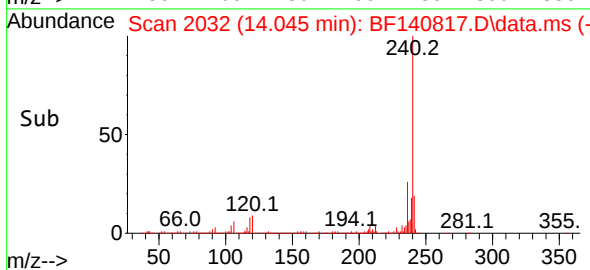
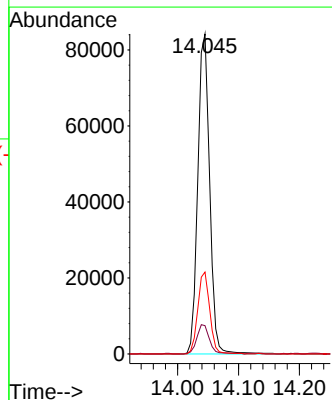
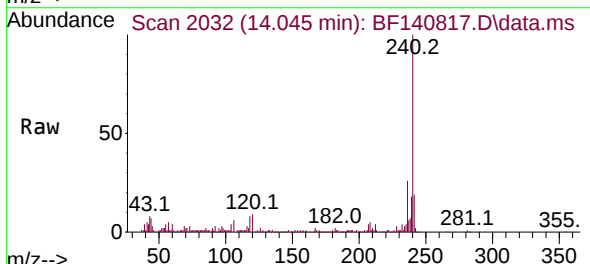
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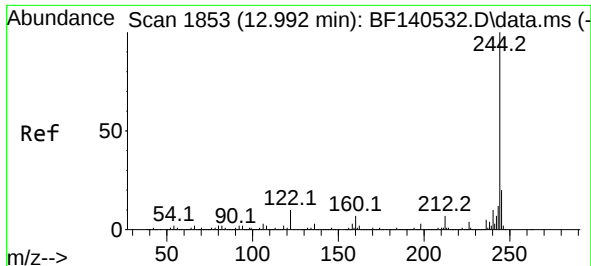
Tgt Ion:188 Resp: 185297
Ion Ratio Lower Upper
188 100
94 7.6 6.4 9.6
80 8.2 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140817.D
Acq: 10 Dec 2024 20:11

Tgt Ion:240 Resp: 113576
Ion Ratio Lower Upper
240 100
120 8.9 7.3 10.9
236 25.6 20.6 31.0

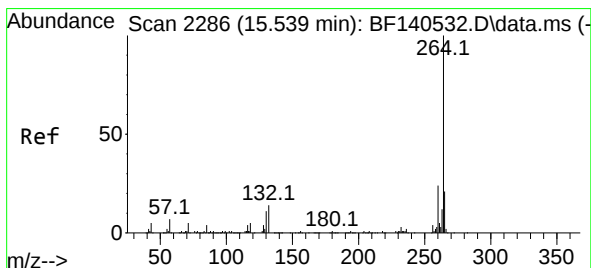
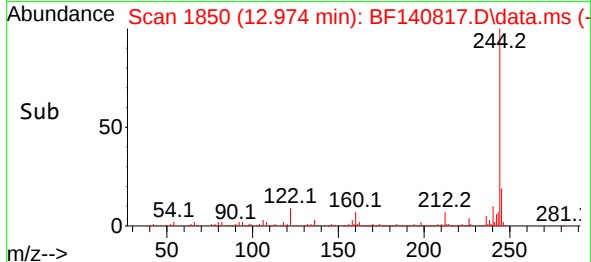
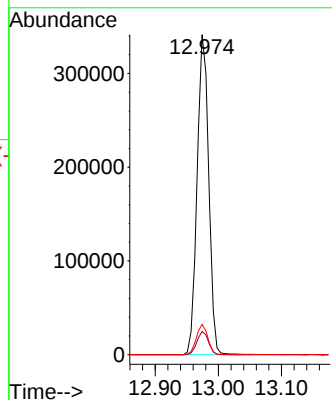
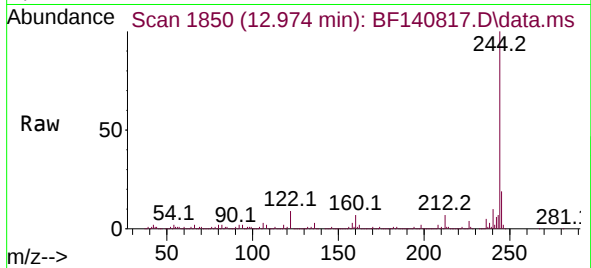




#79
 Terphenyl-d14
 Concen: 59.549 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.018 min
 Lab File: BF140817.D
 Acq: 10 Dec 2024 20:11

Instrument :
 BNA_F
 ClientSampleId :
 MH-743

Tgt Ion:244 Resp: 434348
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 9.4 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2286
 Delta R.T. -0.000 min
 Lab File: BF140817.D
 Acq: 10 Dec 2024 20:11

Tgt Ion:264 Resp: 88175
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.6
 265 21.1 16.6 25.0

