

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120324\
 Data File : BF140707.D
 Acq On : 03 Dec 2024 13:40
 Operator : RC/JU
 Sample : PB165297TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165297TB

Quant Time: Dec 03 14:07:09 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	6.869	152	78705	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	306061	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	179832	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	389784	20.000	ng	0.00
76) Chrysene-d12	14.057	240	258139	20.000	ng	0.00
86) Perylene-d12	15.568	264	209452	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	638060	138.322	ng	0.01
7) Phenol-d6	6.510	99	821554	134.719	ng	0.00
23) Nitrobenzene-d5	7.434	82	544174	90.945	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	263700	137.107	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1105545	91.597	ng	-0.01
79) Terphenyl-d14	12.986	244	1539438	92.861	ng	0.00

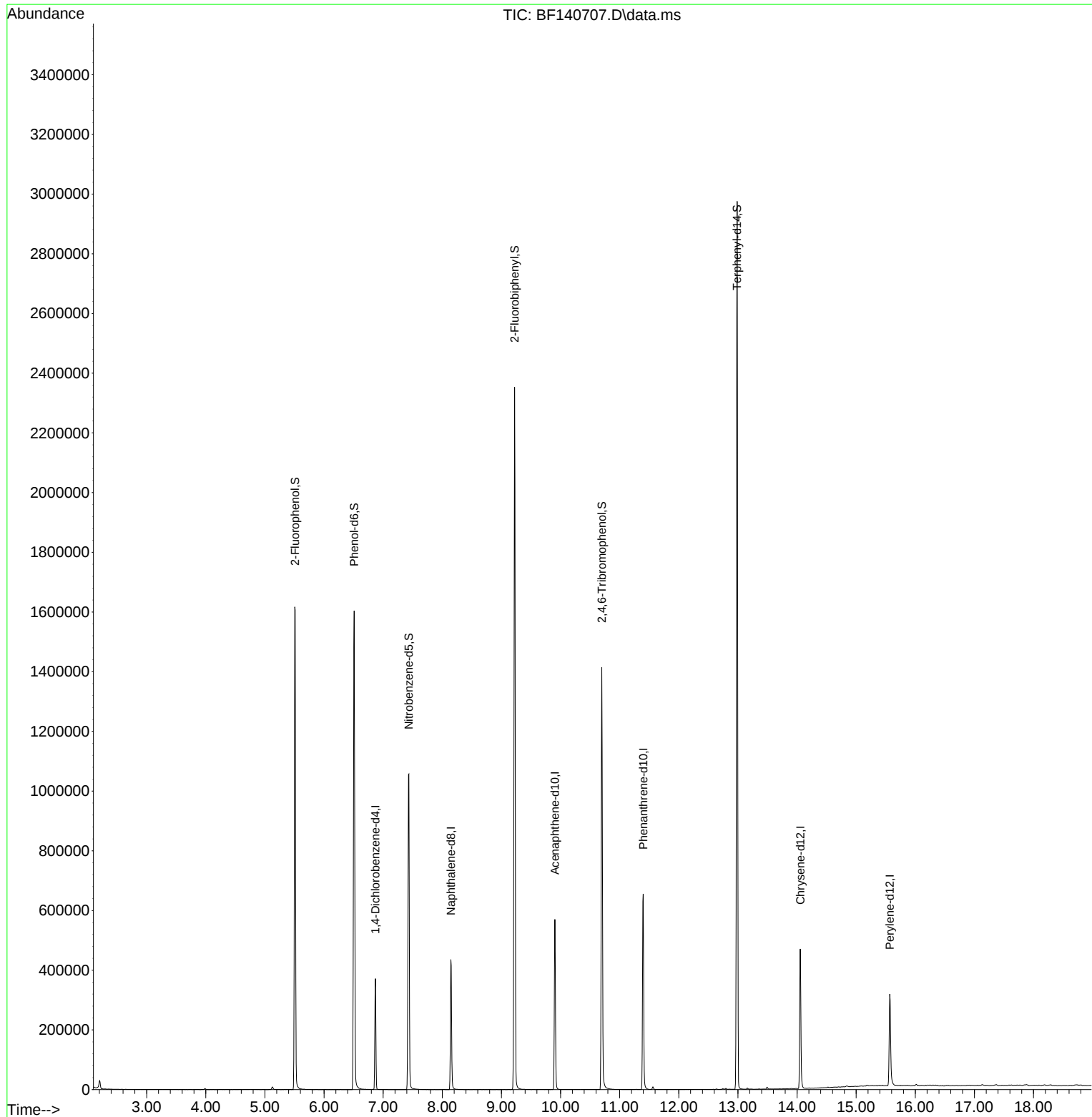
Target Compounds	Qvalue

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

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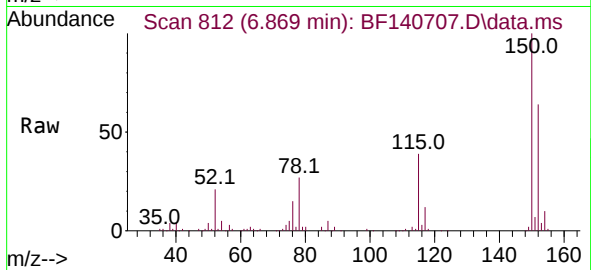
Quant Time: Dec 03 14:07:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
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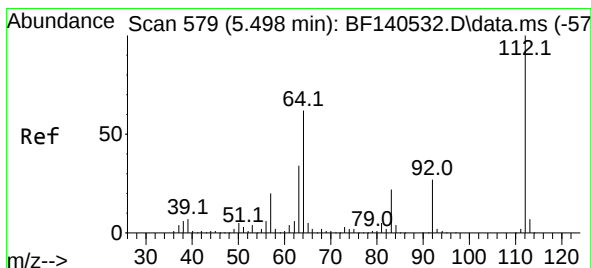
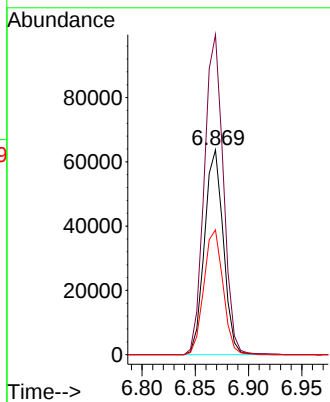
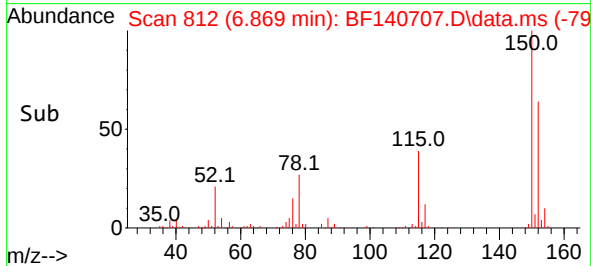


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140707.D
Acq: 03 Dec 2024 13:40

Instrument :
BNA_F
ClientSampleId :
PB165297TB

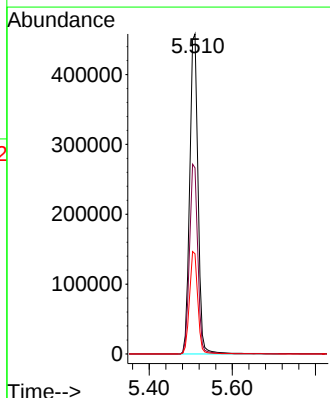
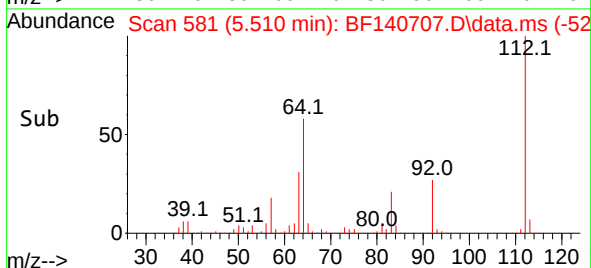
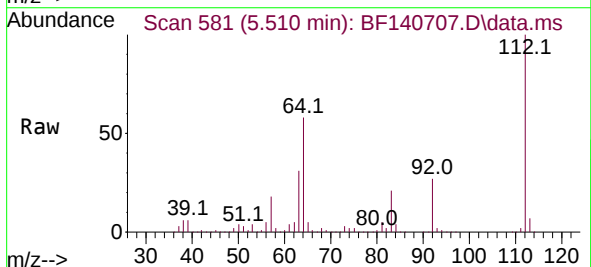


Tgt Ion:152 Resp: 78705
Ion Ratio Lower Upper
152 100
150 156.2 128.5 192.7
115 60.9 50.2 75.4



#5
2-Fluorophenol
Concen: 138.322 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140707.D
Acq: 03 Dec 2024 13:40

Tgt Ion:112 Resp: 638060
Ion Ratio Lower Upper
112 100
64 58.2 49.2 73.8
63 31.3 27.0 40.4

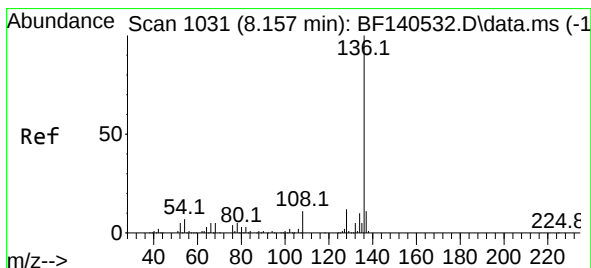
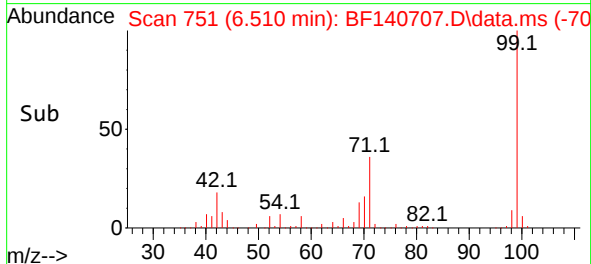
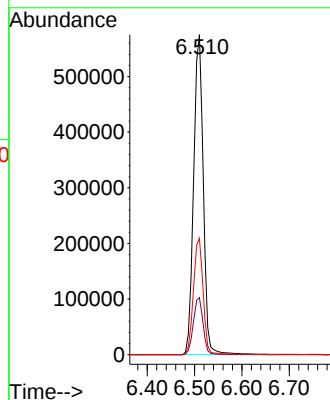
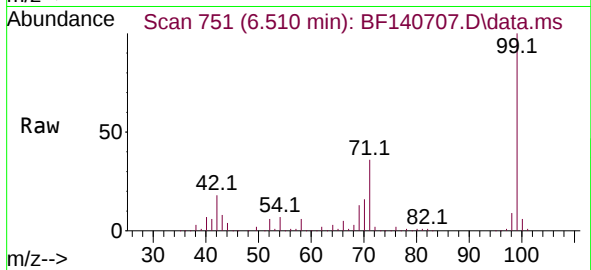




#7
Phenol-d6
Concen: 134.719 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140707.D
Acq: 03 Dec 2024 13:40

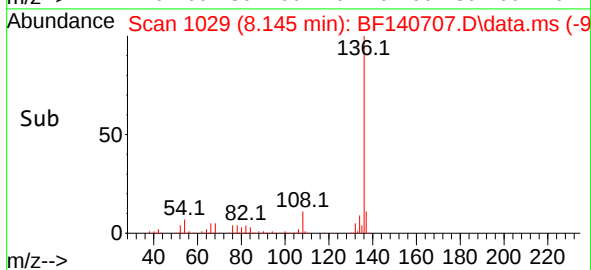
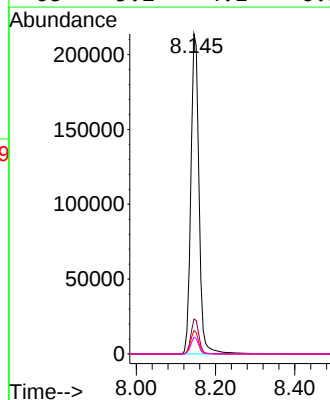
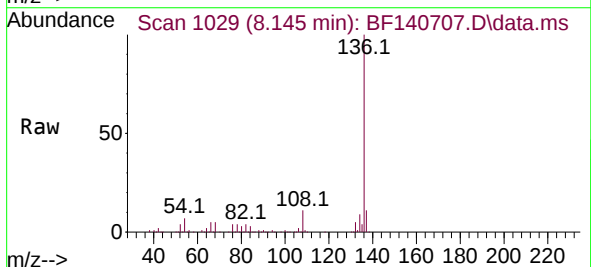
Instrument :
BNA_F
ClientSampleId :
PB165297TB

Tgt Ion: 99 Resp: 821554
Ion Ratio Lower Upper
99 100
42 17.9 15.4 23.0
71 36.4 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF140707.D
Acq: 03 Dec 2024 13:40

Tgt Ion: 136 Resp: 306061
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.3 5.8 8.8
68 5.2 4.1 6.1

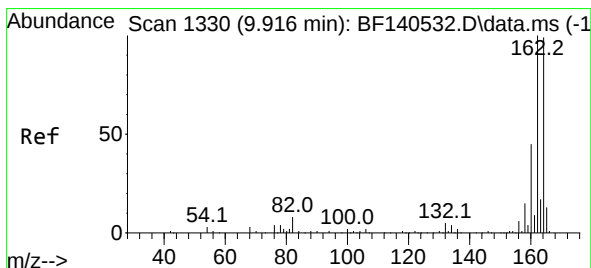
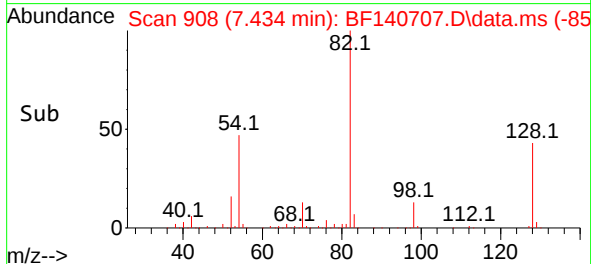
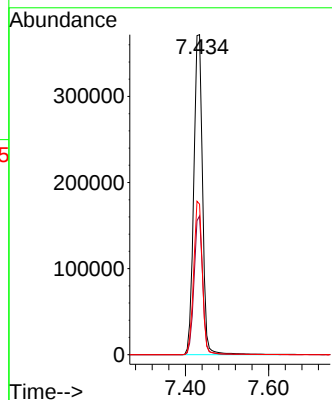
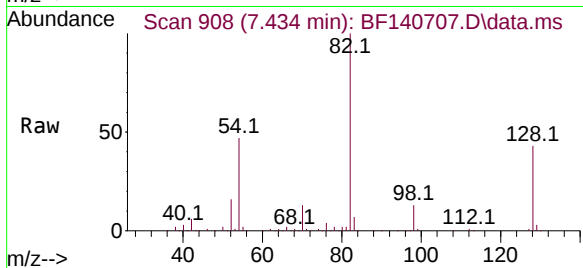




#23
Nitrobenzene-d5
Concen: 90.945 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140707.D
Acq: 03 Dec 2024 13:40

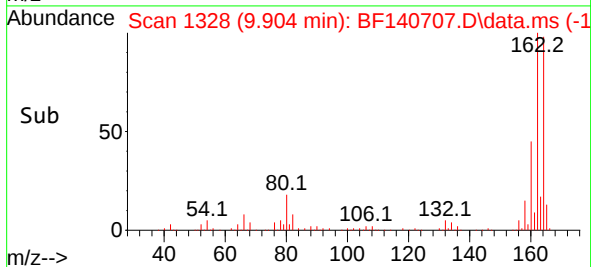
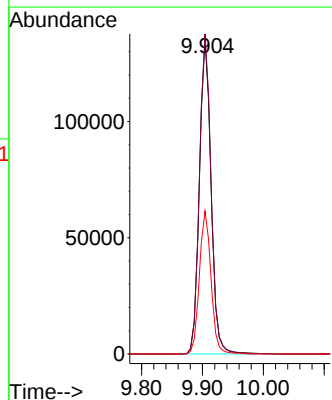
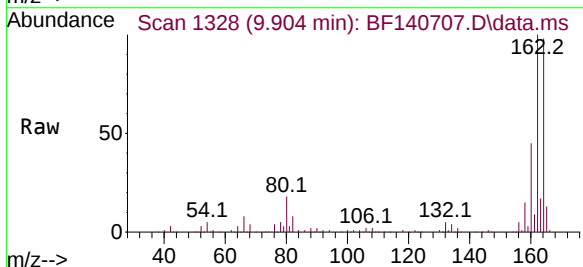
Instrument :
BNA_F
ClientSampleId :
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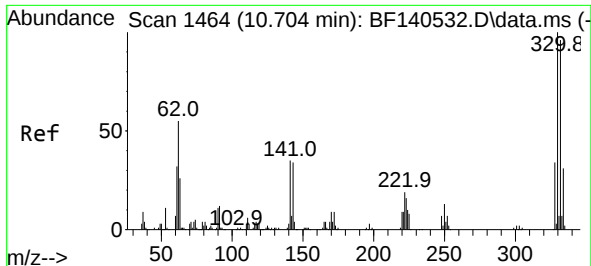
Tgt Ion: 82 Resp: 544174
Ion Ratio Lower Upper
82 100
128 43.3 33.0 49.4
54 47.1 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140707.D
Acq: 03 Dec 2024 13:40

Tgt Ion:164 Resp: 179832
Ion Ratio Lower Upper
164 100
162 101.9 80.6 120.8
160 45.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 137.107 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140707.D

Acq: 03 Dec 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB165297TB

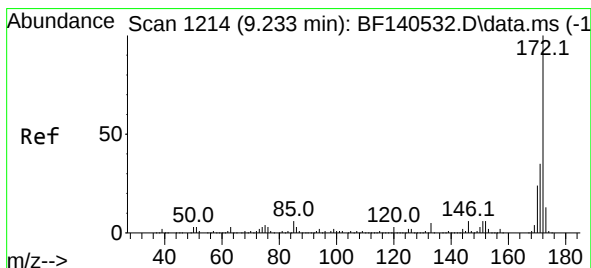
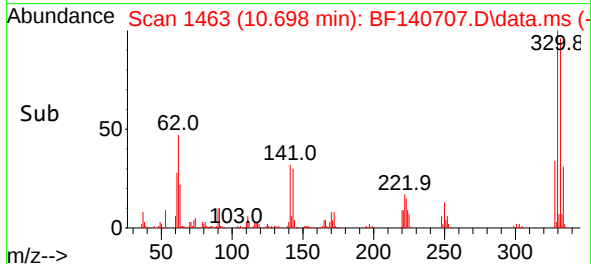
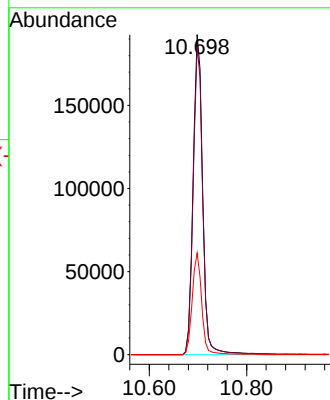
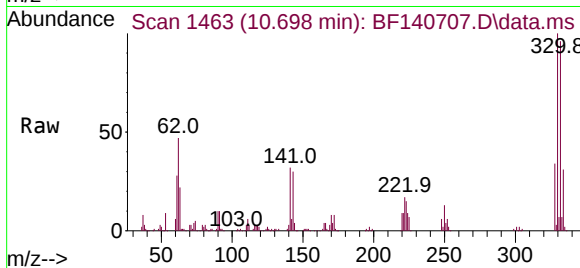
Tgt Ion:330 Resp: 263700

Ion Ratio Lower Upper

330 100

332 97.1 76.9 115.3

141 31.5 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 91.597 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.012 min

Lab File: BF140707.D

Acq: 03 Dec 2024 13:40

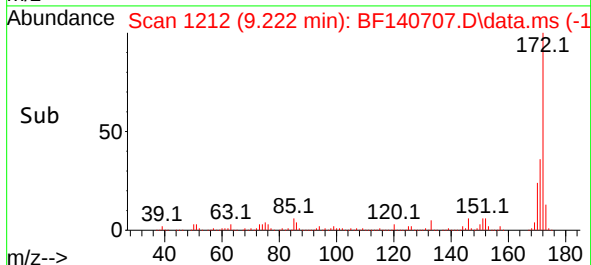
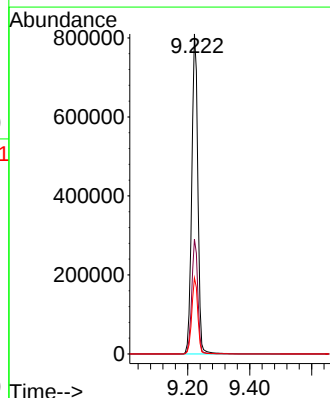
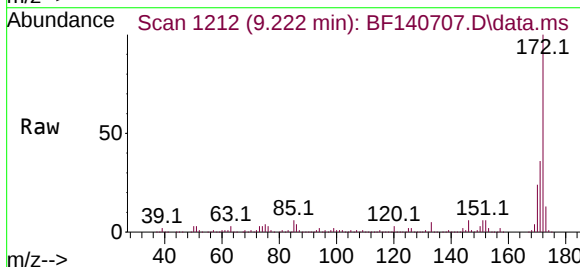
Tgt Ion:172 Resp: 1105545

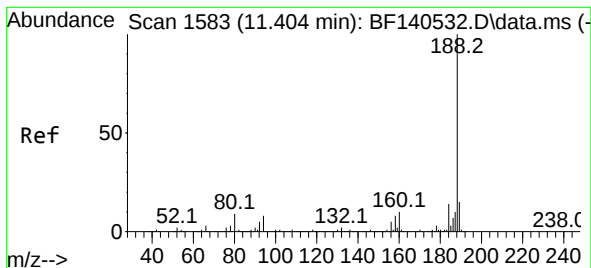
Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 23.8 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140707.D

Acq: 03 Dec 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB165297TB

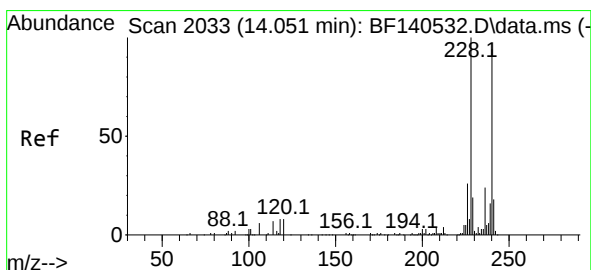
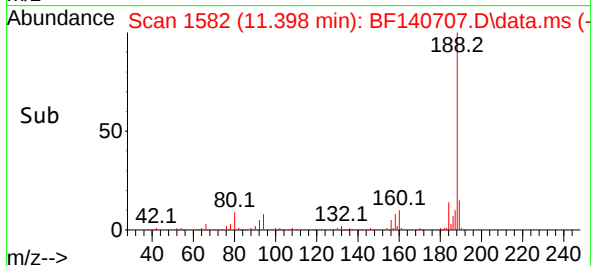
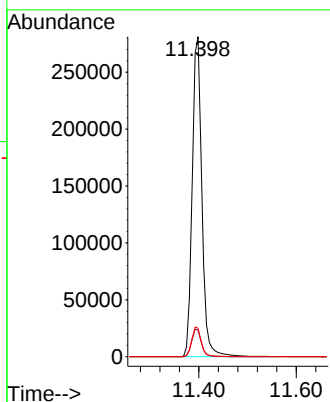
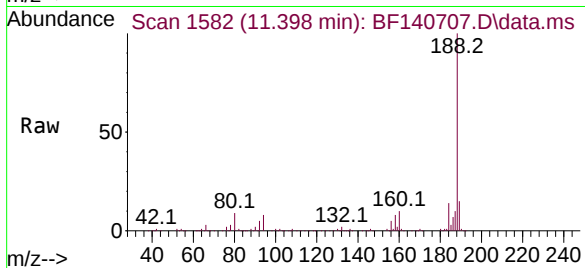
Tgt Ion:188 Resp: 389784

Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

80 8.9 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF140707.D

Acq: 03 Dec 2024 13:40

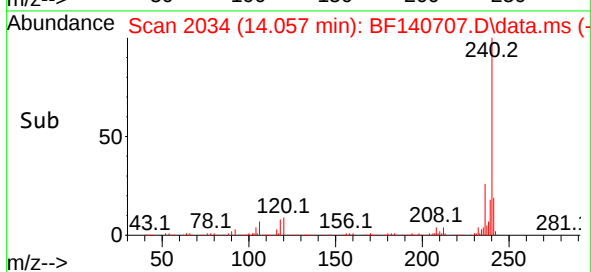
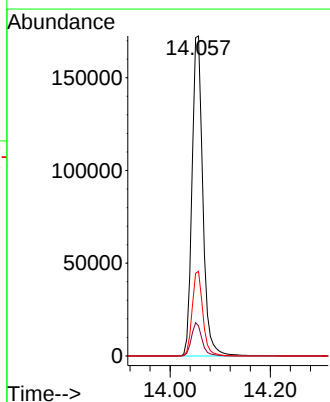
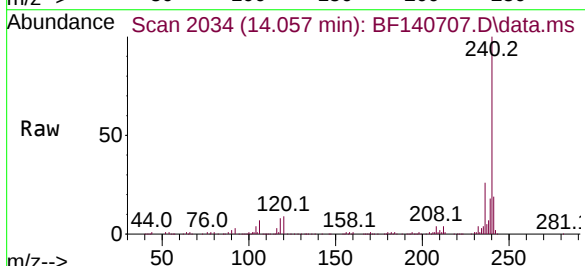
Tgt Ion:240 Resp: 258139

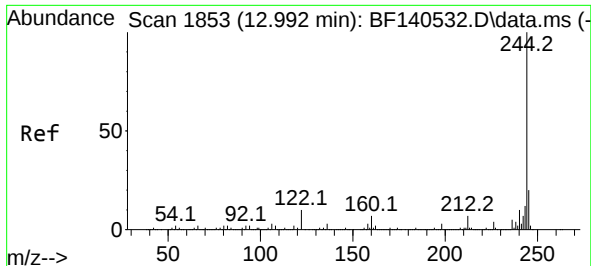
Ion Ratio Lower Upper

240 100

120 9.5 7.3 10.9

236 26.5 20.6 31.0

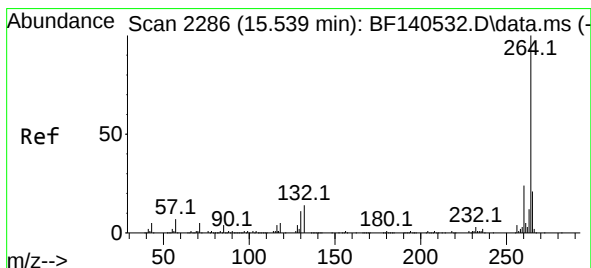
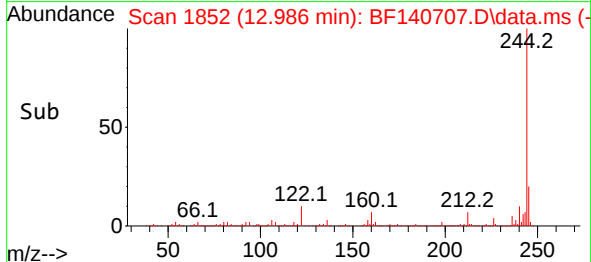
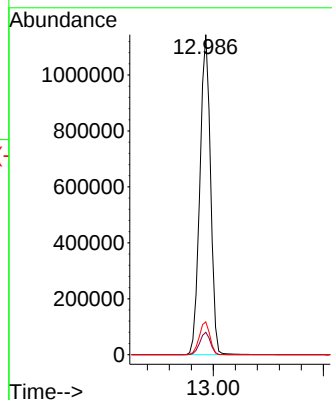
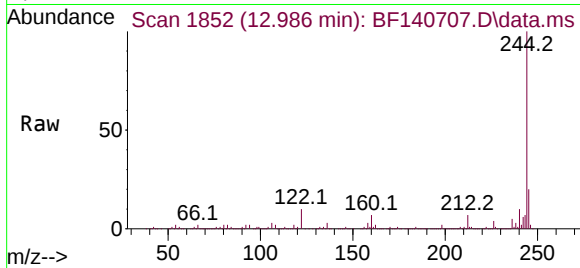




#79
 Terphenyl-d14
 Concen: 92.861 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF140707.D
 Acq: 03 Dec 2024 13:40

Instrument :
 BNA_F
 ClientSampleId :
 PB165297TB

Tgt Ion:244 Resp: 1539438
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 10.2 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2291
 Delta R.T. 0.029 min
 Lab File: BF140707.D
 Acq: 03 Dec 2024 13:40

Tgt Ion:264 Resp: 209452
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 21.2 16.6 25.0

