

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033125\
 Data File : BF142178.D
 Acq On : 31 Mar 2025 13:51
 Operator : RC/JU
 Sample : PB167233TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167233TB

Quant Time: Mar 31 14:09:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	117776	20.000	ng	-0.02
21) Naphthalene-d8	8.145	136	458702	20.000	ng	-0.02
39) Acenaphthene-d10	9.904	164	268873	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	511850m	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	348724	20.000	ng	0.00
86) Perylene-d12	15.510	264	288611	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	976573	138.386	ng	0.00
7) Phenol-d6	6.493	99	1194368	132.930	ng	-0.01
23) Nitrobenzene-d5	7.428	82	790827	97.023	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	573624	168.168	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	1739979	98.417	ng	-0.02
79) Terphenyl-d14	12.980	244	2476925	105.012	ng	0.00

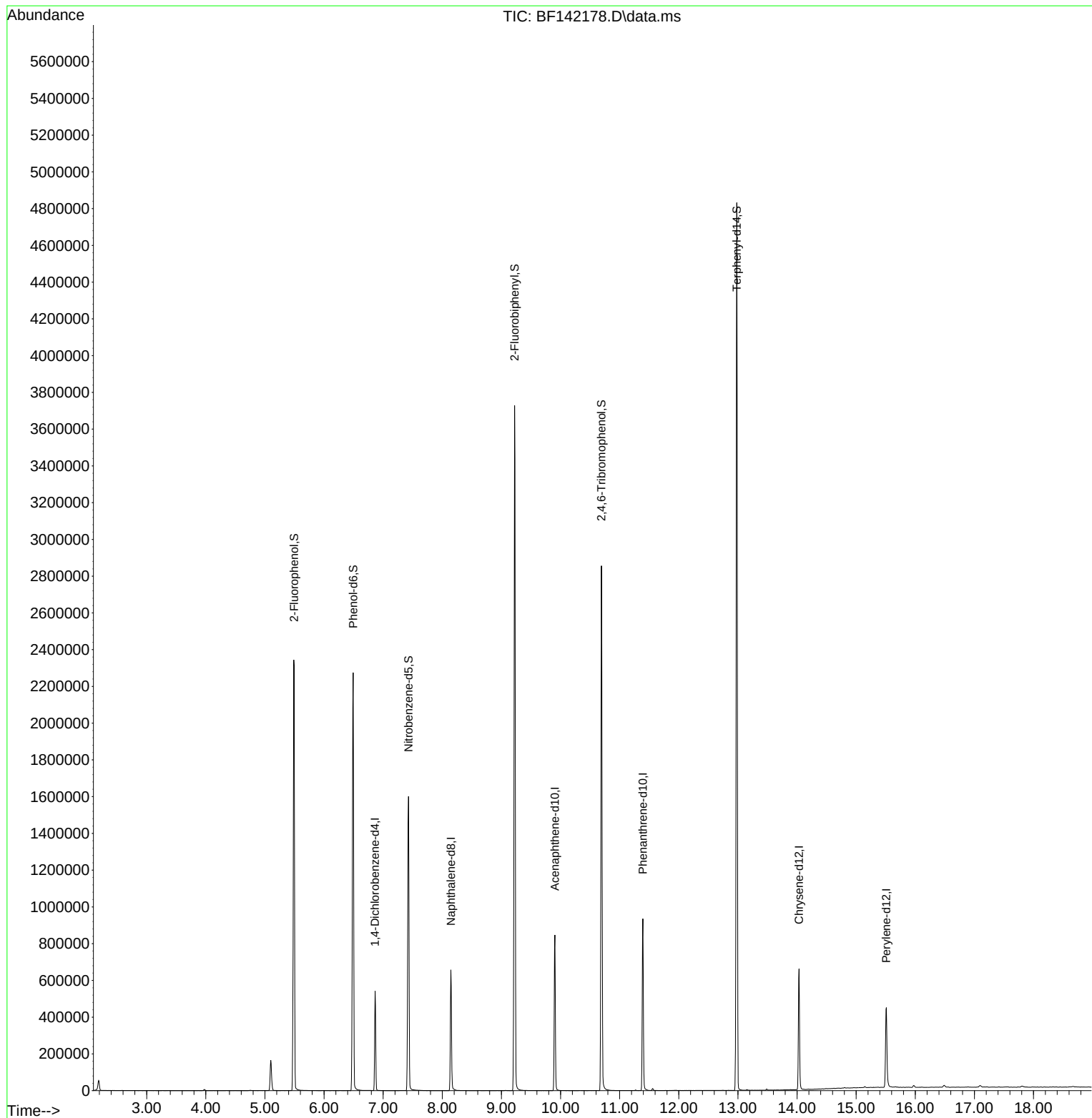
Target Compounds	Qvalue

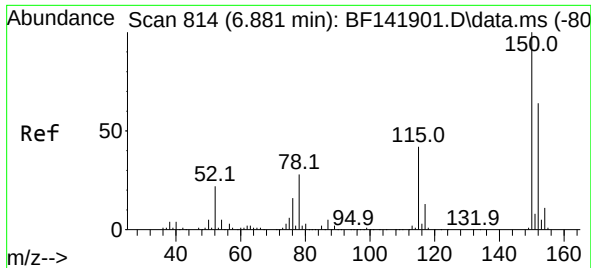
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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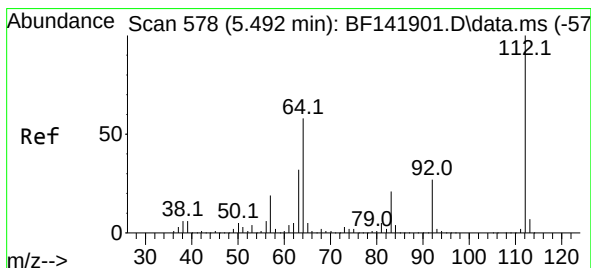
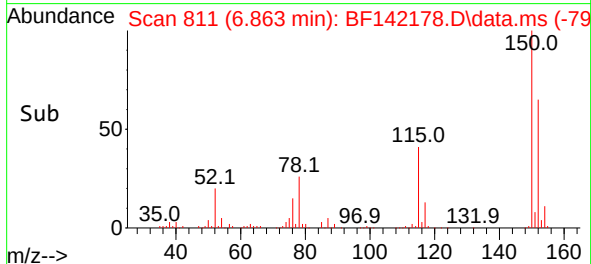
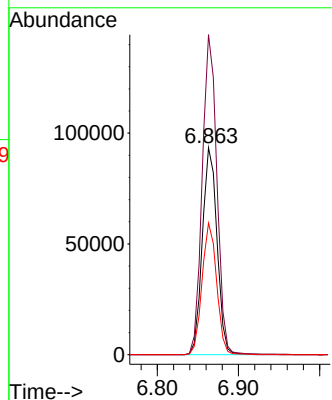
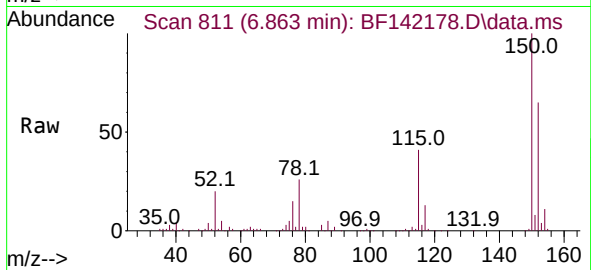




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 814
Delta R.T. -0.018 min
Lab File: BF142178.D
Acq: 31 Mar 2025 13:51

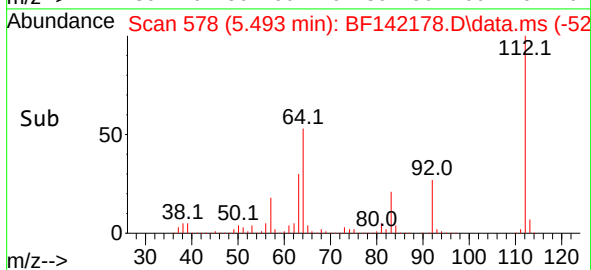
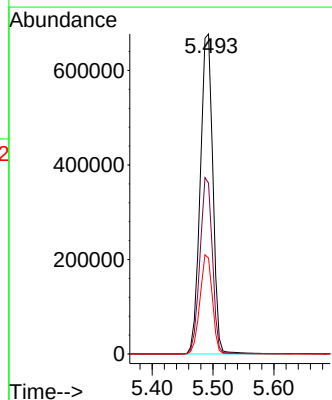
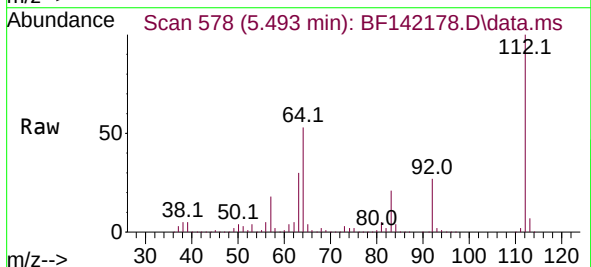
Instrument :
BNA_F
ClientSampleId :
PB167233TB

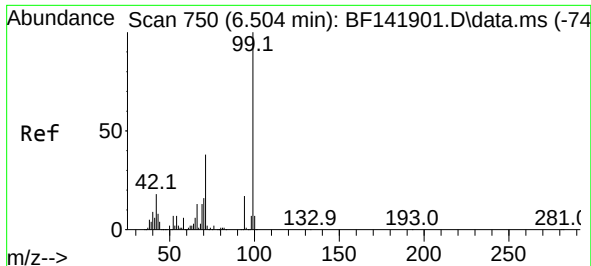
Tgt Ion:152 Resp: 117776
Ion Ratio Lower Upper
152 100
150 154.5 127.4 191.2
115 63.6 51.9 77.9



#5
2-Fluorophenol
Concen: 138.386 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF142178.D
Acq: 31 Mar 2025 13:51

Tgt Ion:112 Resp: 976573
Ion Ratio Lower Upper
112 100
64 53.4 46.5 69.7
63 30.0 25.4 38.2

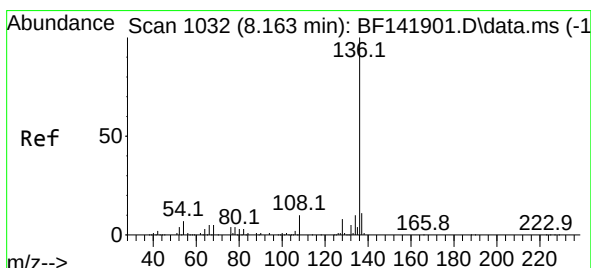
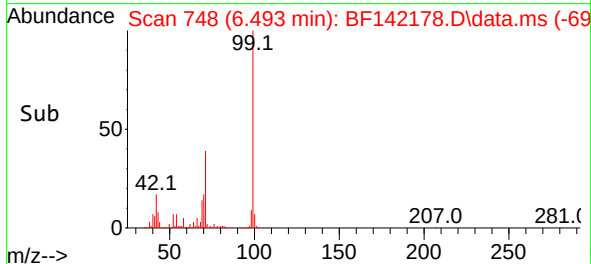
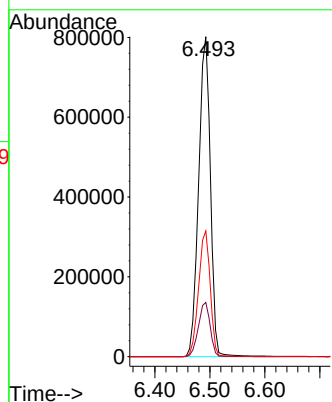
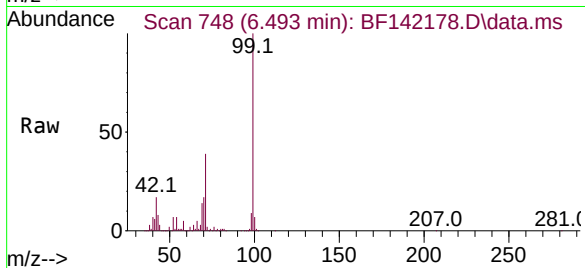




#7
Phenol-d6
Concen: 132.930 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF142178.D
Acq: 31 Mar 2025 13:51

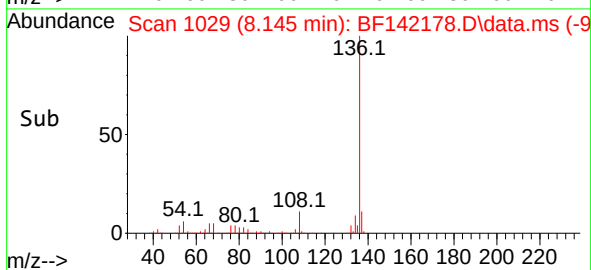
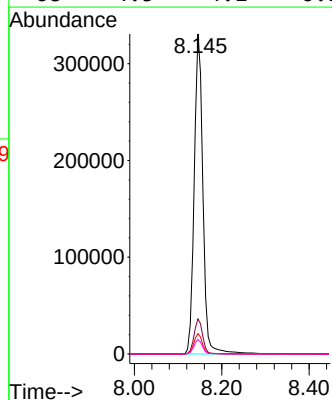
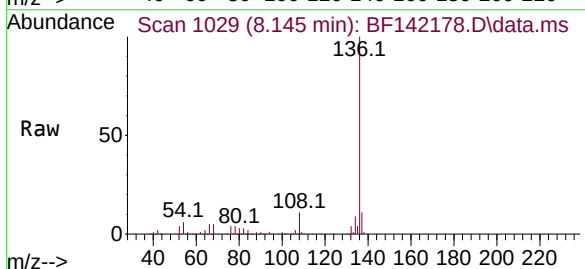
Instrument :
BNA_F
ClientSampleId :
PB167233TB

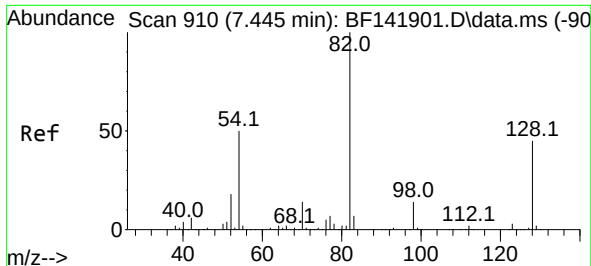
Tgt Ion: 99 Resp: 1194368
Ion Ratio Lower Upper
99 100
42 17.0 14.6 21.8
71 39.3 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.018 min
Lab File: BF142178.D
Acq: 31 Mar 2025 13:51

Tgt Ion: 136 Resp: 458702
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.4 5.8 8.8
68 4.5 4.1 6.1





#23

Nitrobenzene-d5

Concen: 97.023 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.018 min

Lab File: BF142178.D

Acq: 31 Mar 2025 13:51

Instrument :

BNA_F

ClientSampleId :

PB167233TB

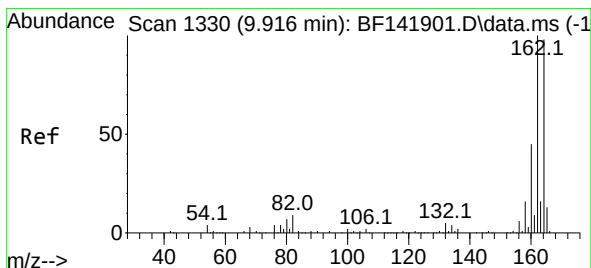
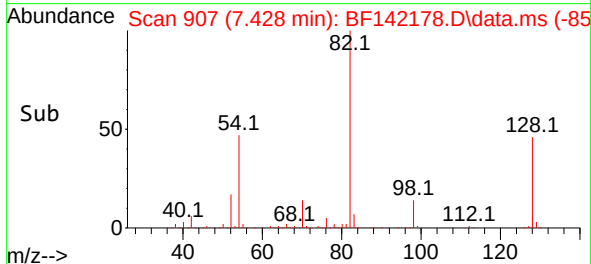
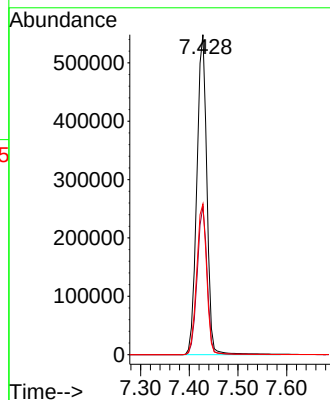
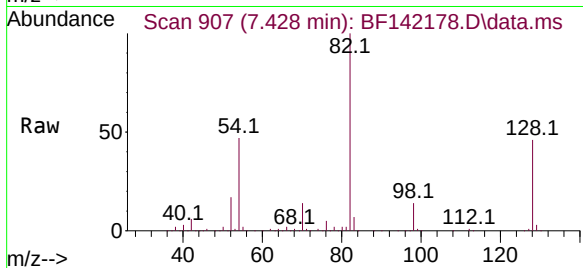
Tgt Ion: 82 Resp: 790827

Ion Ratio Lower Upper

82 100

128 46.4 36.0 54.0

54 47.0 39.6 59.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.012 min

Lab File: BF142178.D

Acq: 31 Mar 2025 13:51

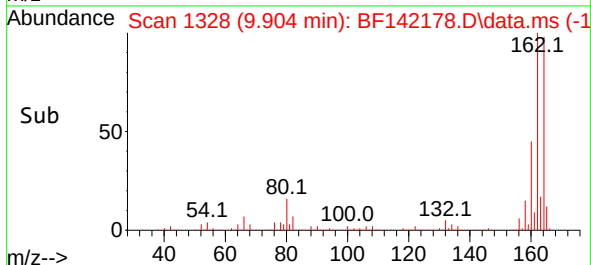
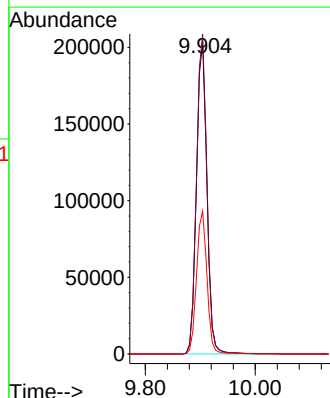
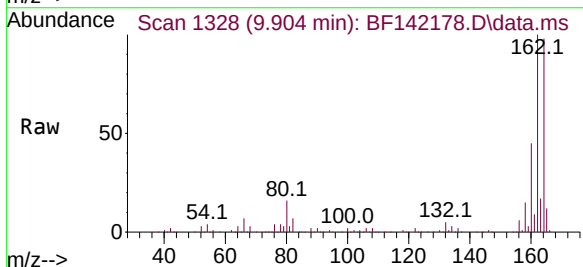
Tgt Ion:164 Resp: 268873

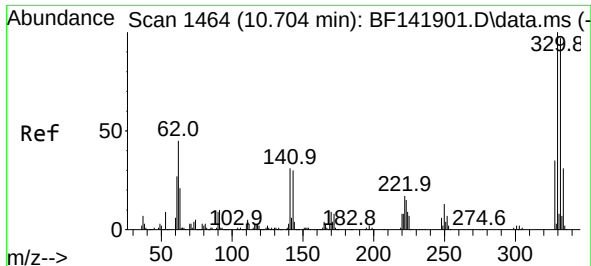
Ion Ratio Lower Upper

164 100

162 102.5 81.8 122.6

160 45.8 36.7 55.1

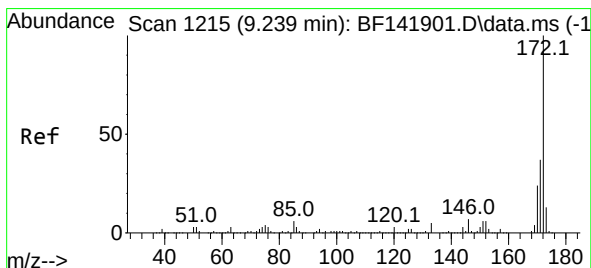
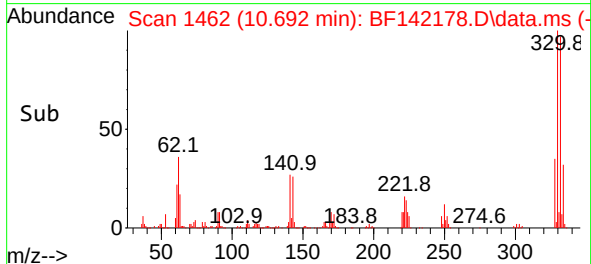
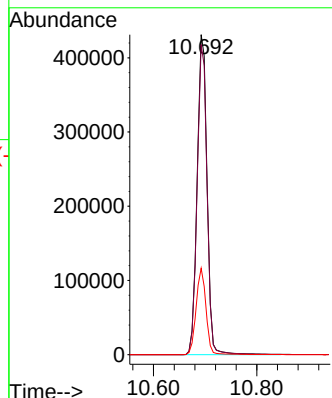
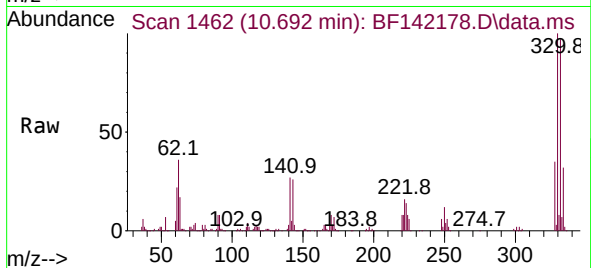




#42
2,4,6-Tribromophenol
Concen: 168.168 ng
RT: 10.692 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BF142178.D
Acq: 31 Mar 2025 13:51

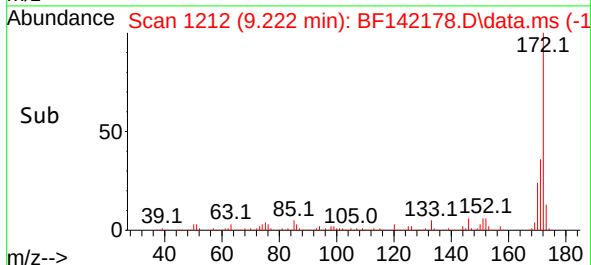
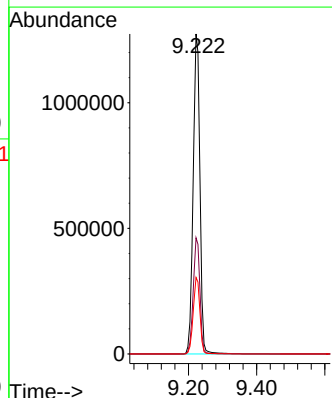
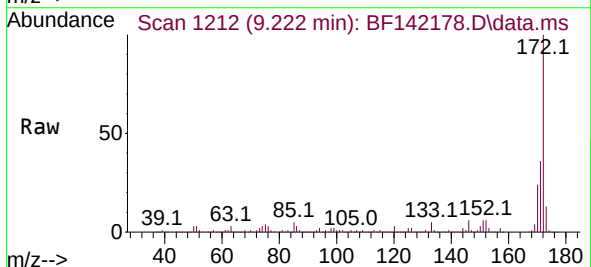
Instrument :
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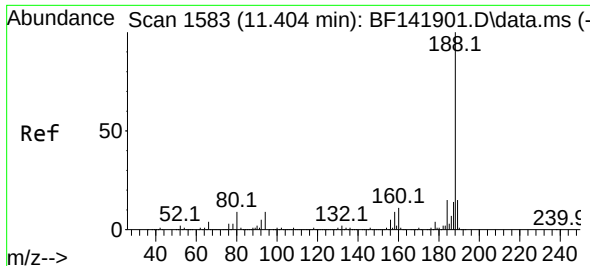
Tgt Ion:330 Resp: 573624
Ion Ratio Lower Upper
330 100
332 96.9 77.6 116.4
141 27.0 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 98.417 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.018 min
Lab File: BF142178.D
Acq: 31 Mar 2025 13:51

Tgt Ion:172 Resp: 1739979
Ion Ratio Lower Upper
172 100
171 36.3 29.3 43.9
170 23.9 19.4 29.0

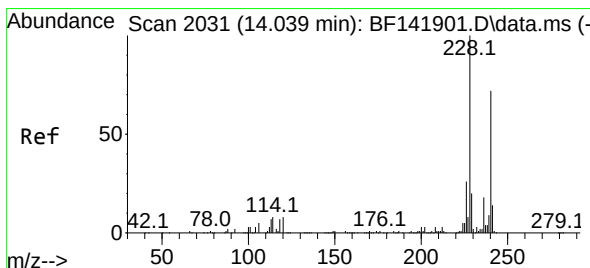
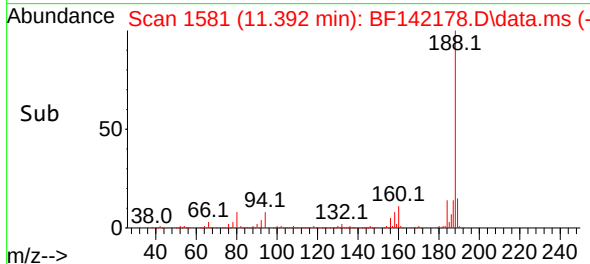
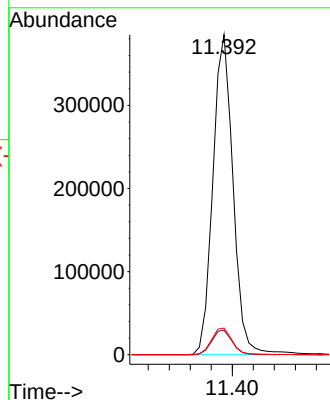
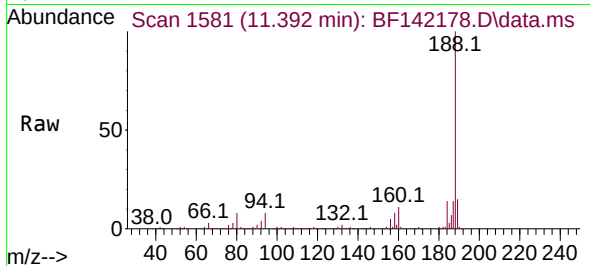




#64
Phenanthrene-d10
Concen: 20.000 ng m
RT: 11.392 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142178.D
Acq: 31 Mar 2025 13:51

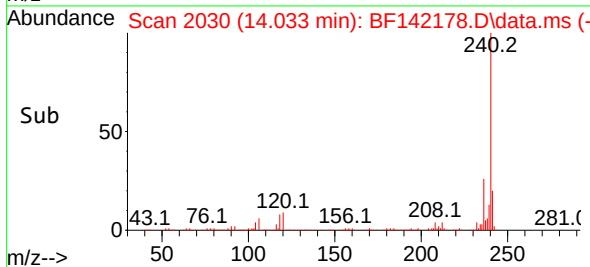
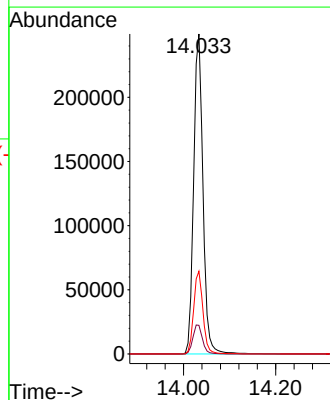
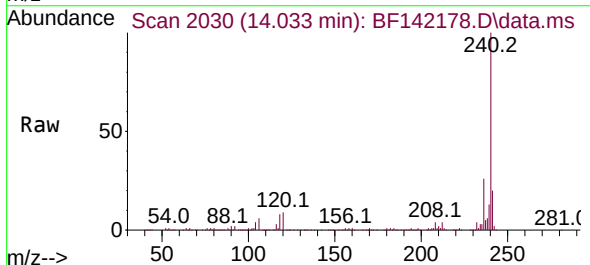
Instrument :
BNA_F
ClientSampleId :
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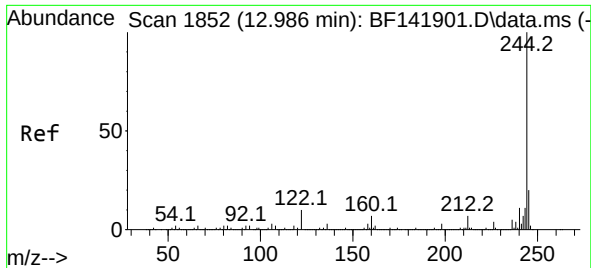
Tgt Ion:188 Resp: 511850
Ion Ratio Lower Upper
188 100
94 7.7 6.8 10.2
80 8.3 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142178.D
Acq: 31 Mar 2025 13:51

Tgt Ion:240 Resp: 348724
Ion Ratio Lower Upper
240 100
120 8.9 8.4 12.6
236 25.9 20.5 30.7

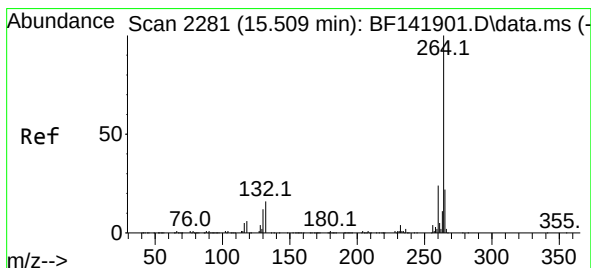
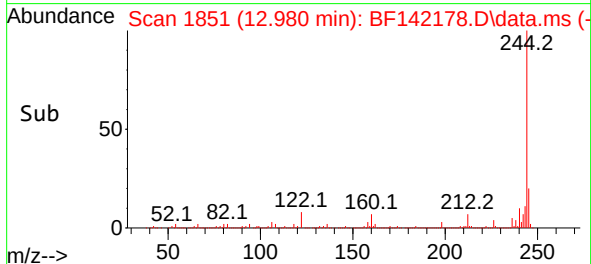
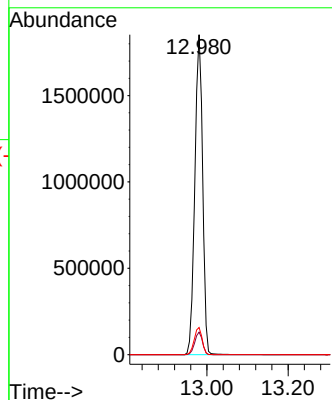
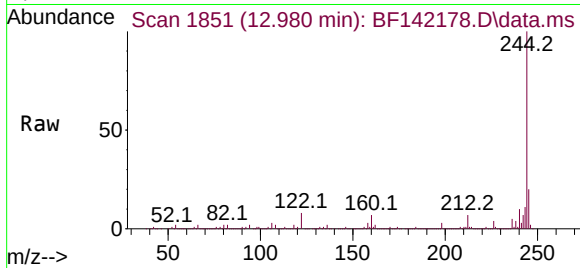




#79
 Terphenyl-d14
 Concen: 105.012 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142178.D
 Acq: 31 Mar 2025 13:51

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 2476925
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 8.5 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2281
 Delta R.T. 0.000 min
 Lab File: BF142178.D
 Acq: 31 Mar 2025 13:51

Tgt Ion:264 Resp: 288611
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 20.9 17.5 26.3

