

Data Path : T:\svoasrv\HPCHEM1\BNA_F\Data\BF032425\
 Data File : BF142052.D
 Acq On : 24 Mar 2025 13:55
 Operator : RC/JU
 Sample : Q1618-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP20250320-01

Quant Time: Mar 24 14:18:44 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	6.875	152	134003	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	525360	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	281790	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	423584	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	239859	20.000	ng	0.00
86) Perylene-d12	15.504	264	278621	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	533070	66.392	ng	0.00
7) Phenol-d6	6.493	99	408791	39.988	ng	-0.01
23) Nitrobenzene-d5	7.434	82	948048	101.554	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	440365	123.183	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1935034	104.433	ng	-0.01
79) Terphenyl-d14	12.980	244	1663270	102.521	ng	0.00

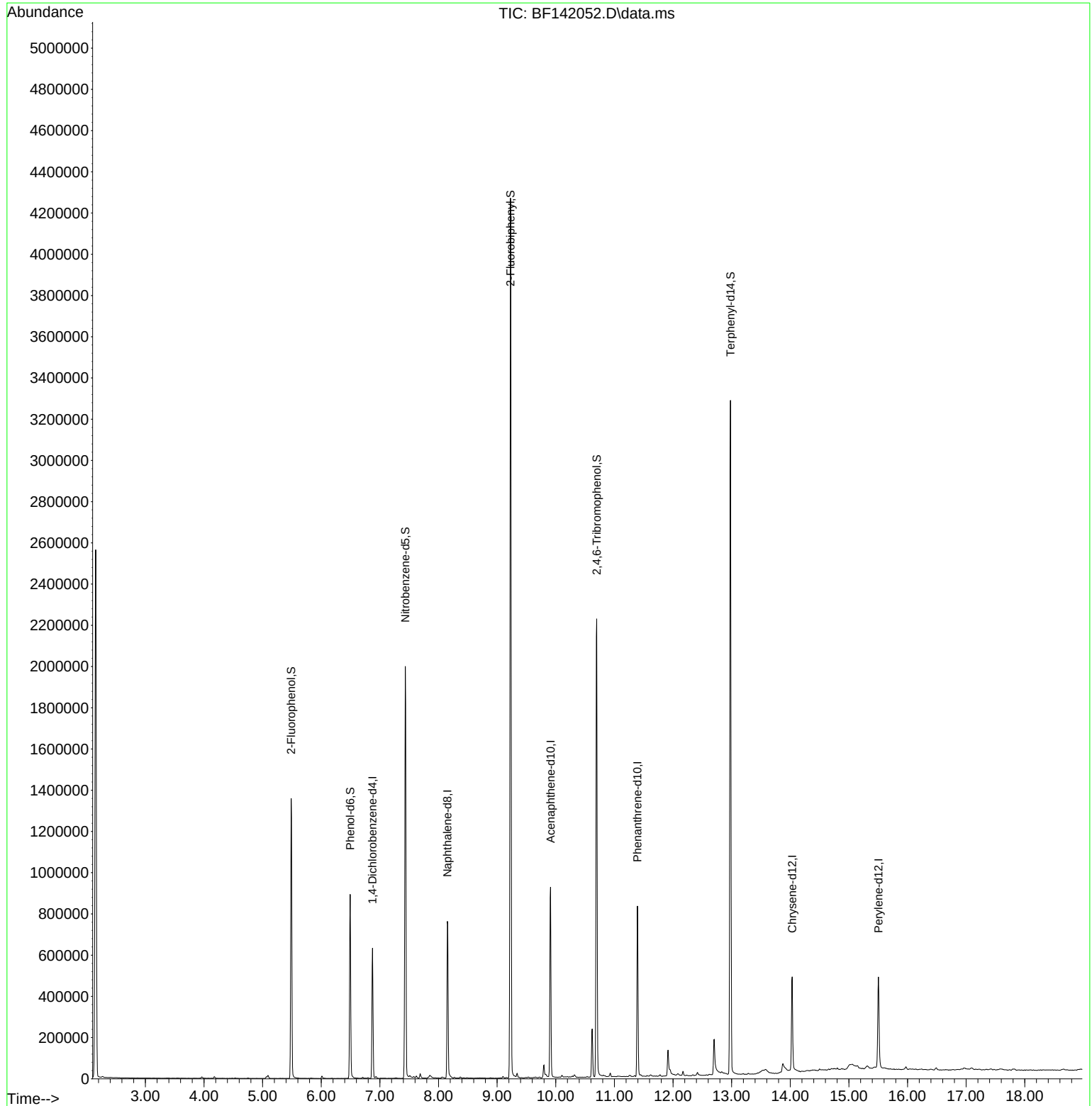
Target Compounds	Qvalue

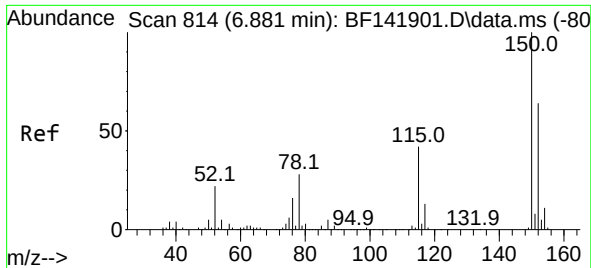
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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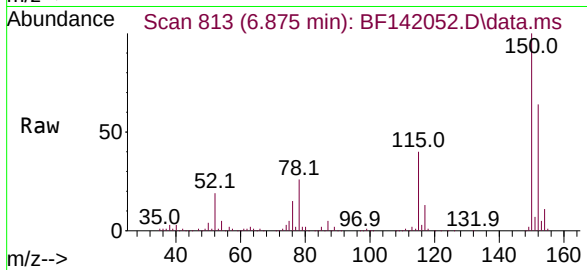
Quant Time: Mar 24 14:18:44 2025
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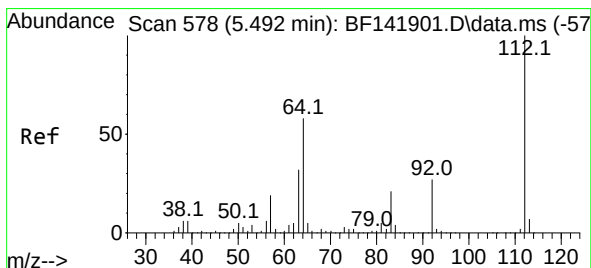
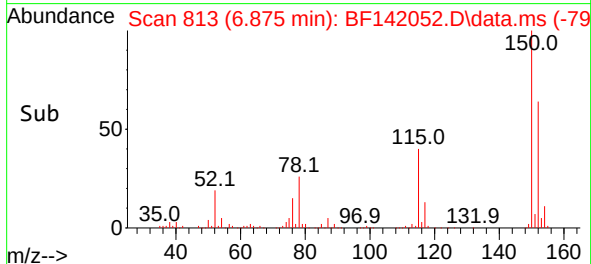
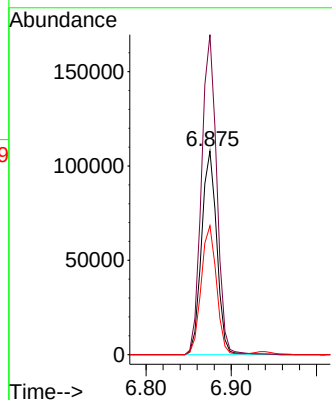


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF142052.D
Acq: 24 Mar 2025 13:55

Instrument :
BNA_F
ClientSampleId :
TP20250320-01

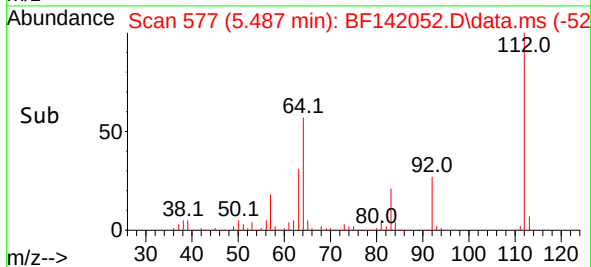
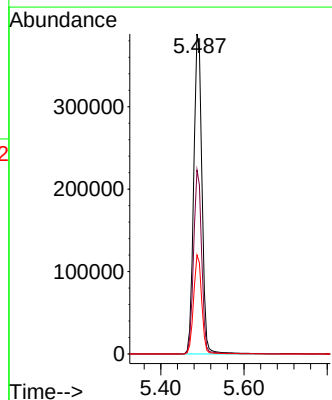
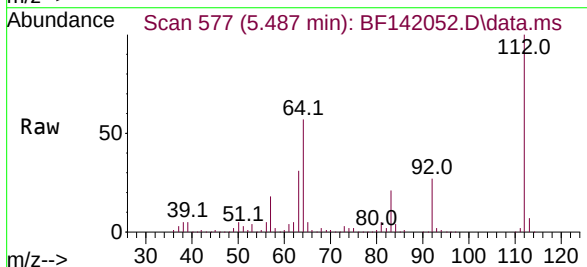


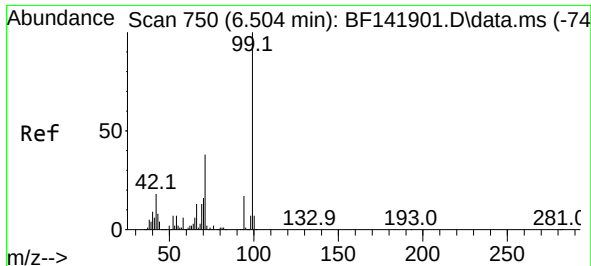
Tgt Ion:152 Resp: 134003
Ion Ratio Lower Upper
152 100
150 157.3 127.4 191.2
115 63.3 51.9 77.9



#5
2-Fluorophenol
Concen: 66.392 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF142052.D
Acq: 24 Mar 2025 13:55

Tgt Ion:112 Resp: 533070
Ion Ratio Lower Upper
112 100
64 57.5 46.5 69.7
63 30.9 25.4 38.2

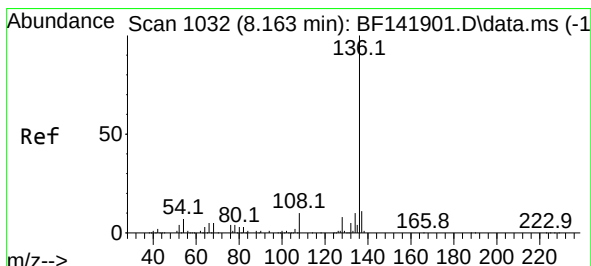
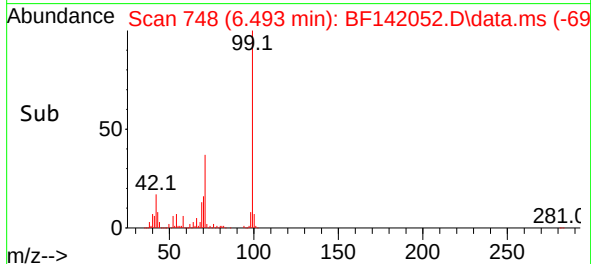
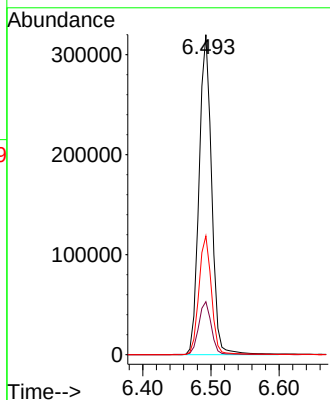
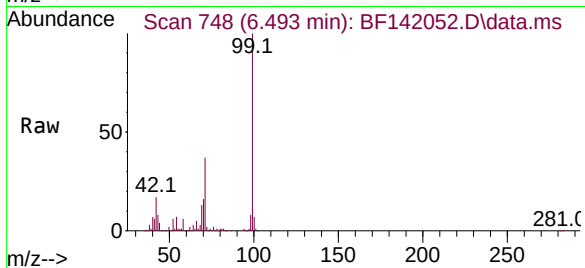




#7
Phenol-d6
Concen: 39.988 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF142052.D
Acq: 24 Mar 2025 13:55

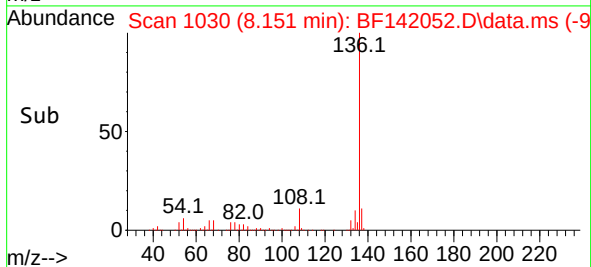
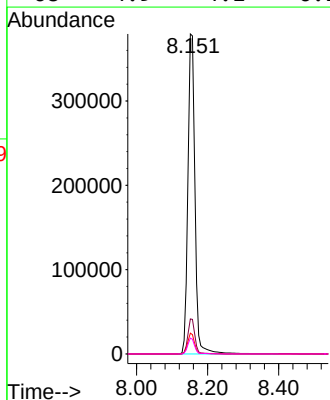
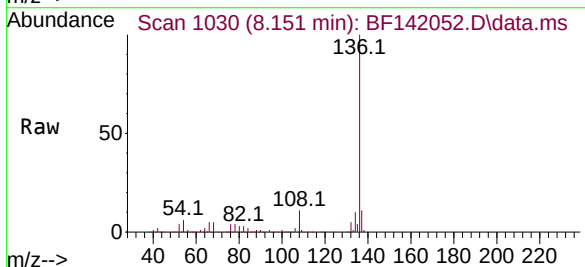
Instrument :
BNA_F
ClientSampleId :
TP20250320-01

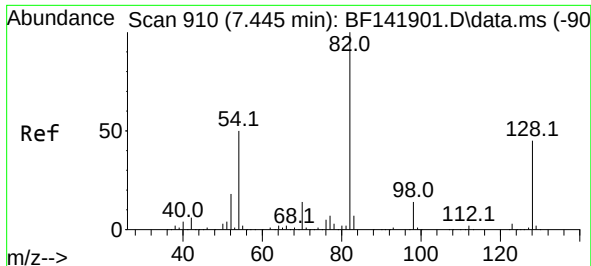
Tgt Ion: 99 Resp: 408791
Ion Ratio Lower Upper
99 100
42 16.5 14.6 21.8
71 37.1 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142052.D
Acq: 24 Mar 2025 13:55

Tgt Ion: 136 Resp: 525360
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.5 5.8 8.8
68 4.9 4.1 6.1





#23

Nitrobenzene-d5

Concen: 101.554 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142052.D

Acq: 24 Mar 2025 13:55

Instrument :

BNA_F

ClientSampleId :

TP20250320-01

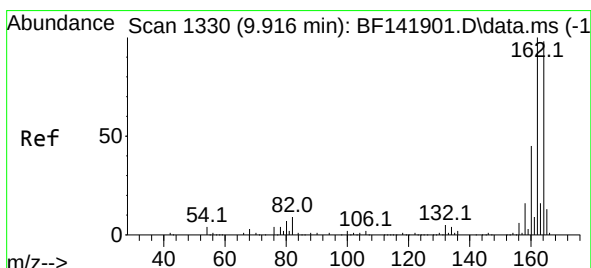
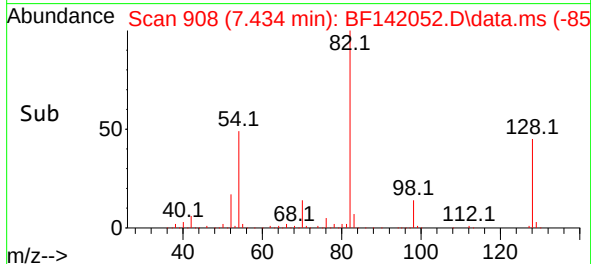
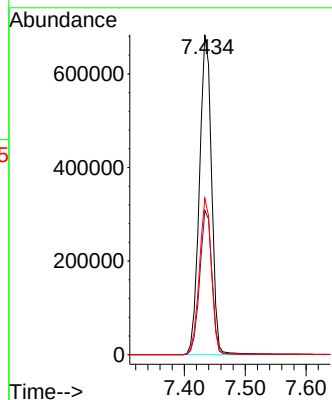
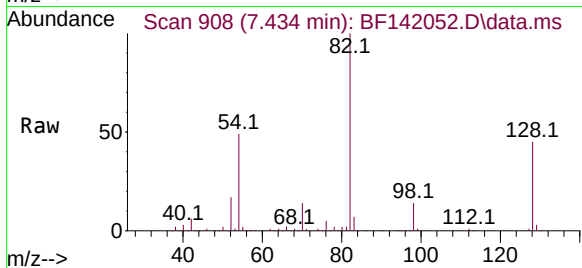
Tgt Ion: 82 Resp: 948048

Ion Ratio Lower Upper

82 100

128 45.0 36.0 54.0

54 48.8 39.6 59.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF142052.D

Acq: 24 Mar 2025 13:55

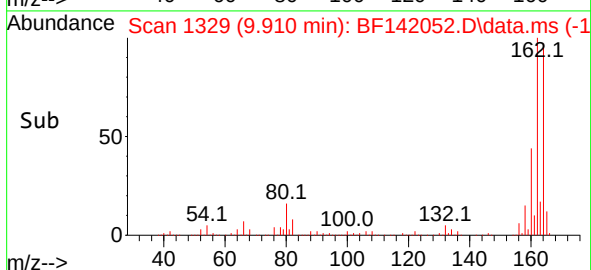
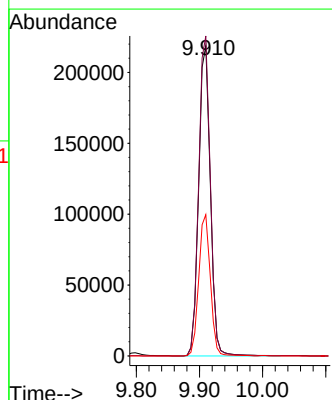
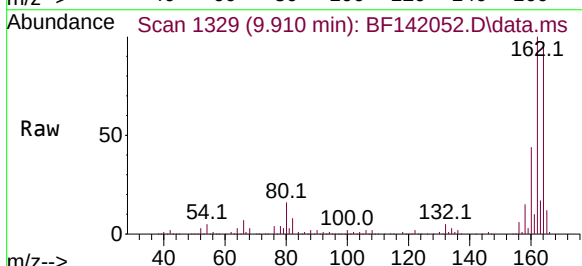
Tgt Ion:164 Resp: 281790

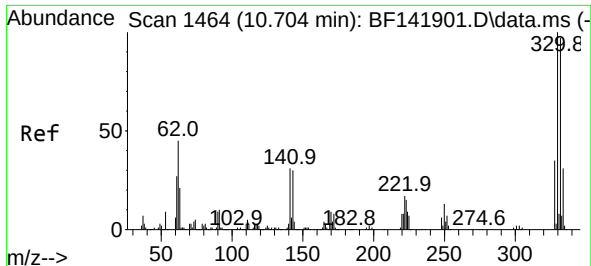
Ion Ratio Lower Upper

164 100

162 103.2 81.8 122.6

160 45.5 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 123.183 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF142052.D

Acq: 24 Mar 2025 13:55

Instrument :

BNA_F

ClientSampleId :

TP20250320-01

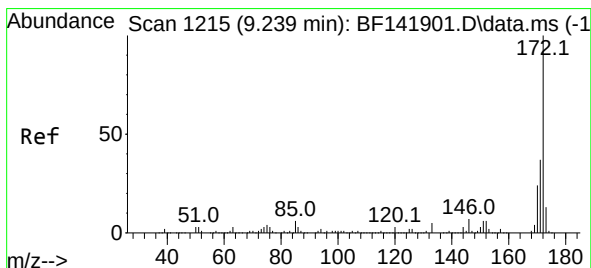
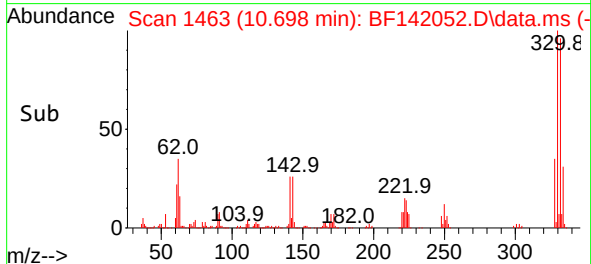
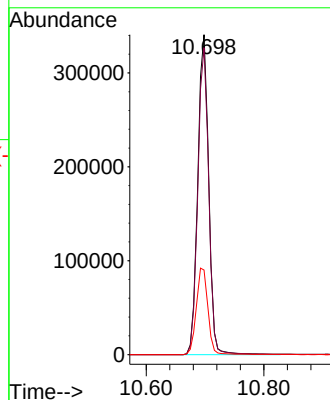
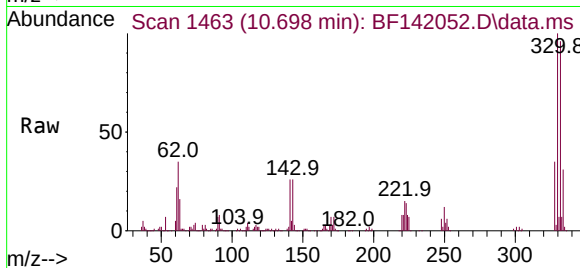
Tgt Ion:330 Resp: 440365

Ion Ratio Lower Upper

330 100

332 95.7 77.6 116.4

141 28.4 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 104.433 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF142052.D

Acq: 24 Mar 2025 13:55

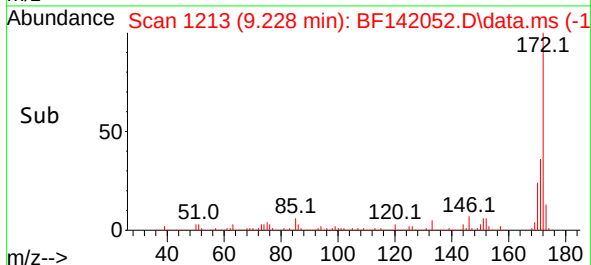
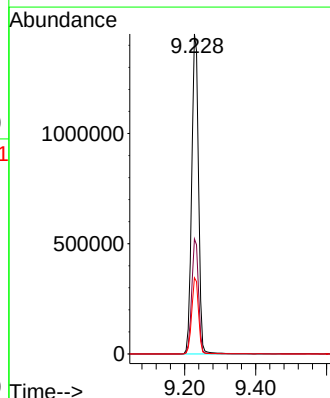
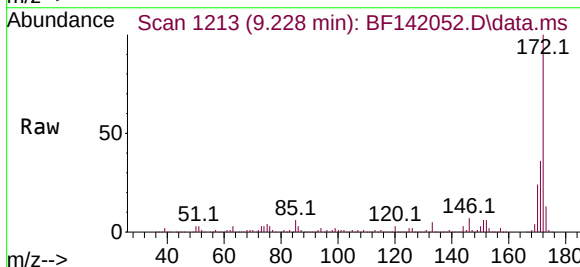
Tgt Ion:172 Resp: 1935034

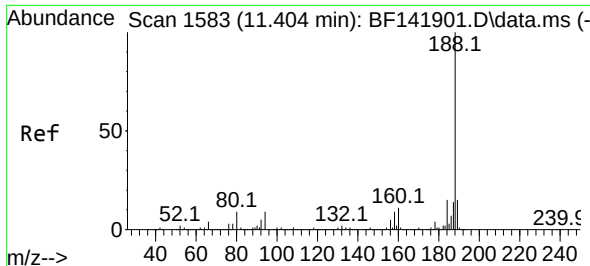
Ion Ratio Lower Upper

172 100

171 35.9 29.3 43.9

170 23.8 19.4 29.0

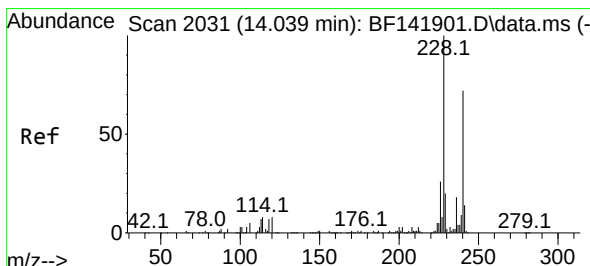
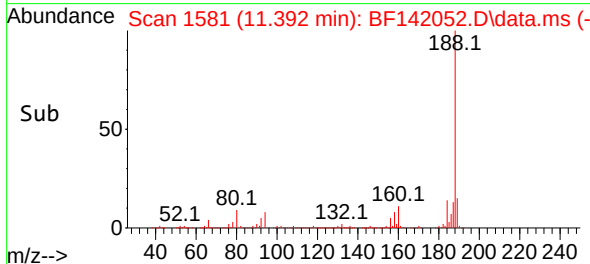
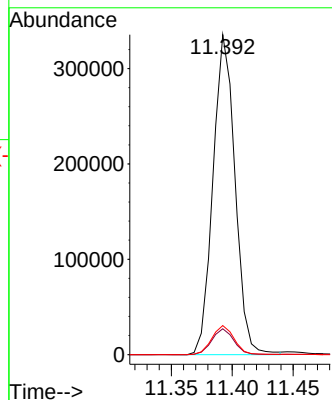
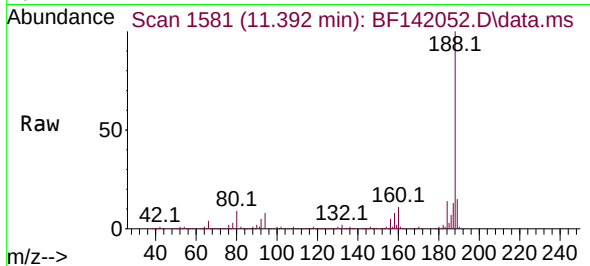




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142052.D
Acq: 24 Mar 2025 13:55

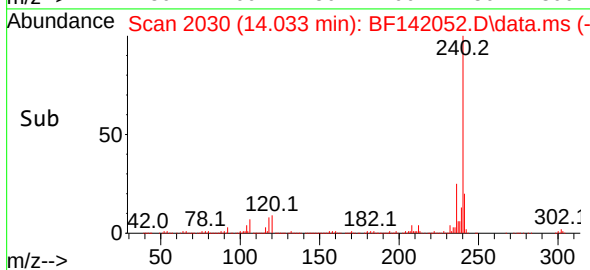
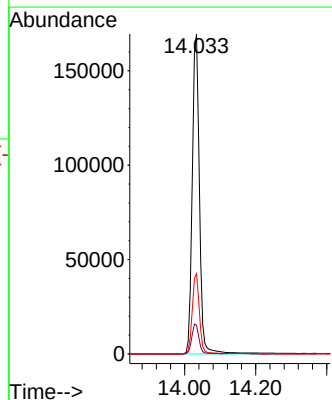
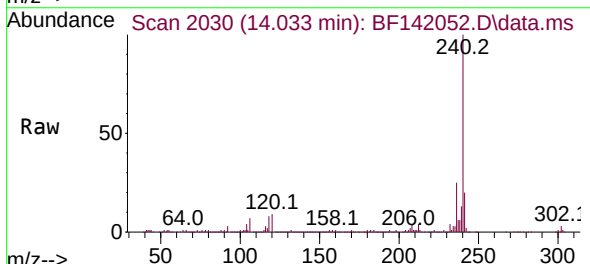
Instrument :
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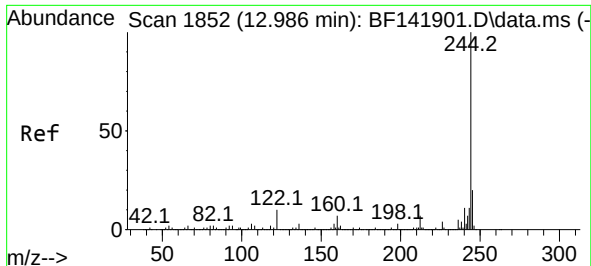
Tgt Ion:188 Resp: 423584
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 9.1 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142052.D
Acq: 24 Mar 2025 13:55

Tgt Ion:240 Resp: 239859
Ion Ratio Lower Upper
240 100
120 9.0 8.4 12.6
236 25.0 20.5 30.7

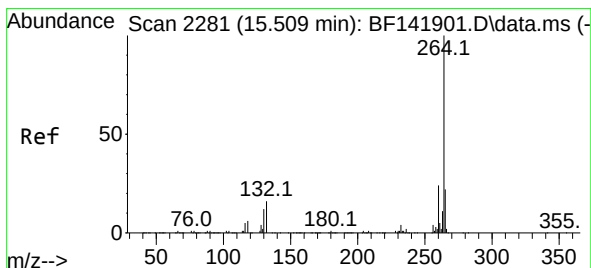
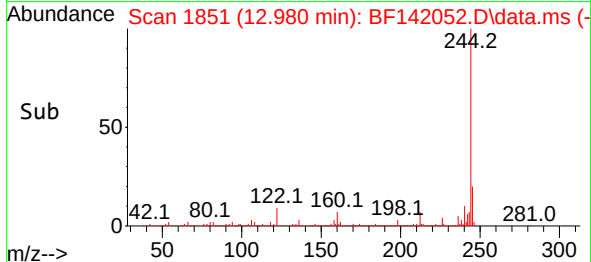
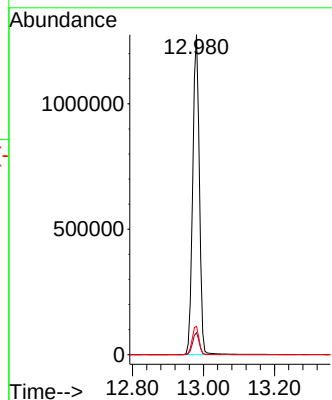
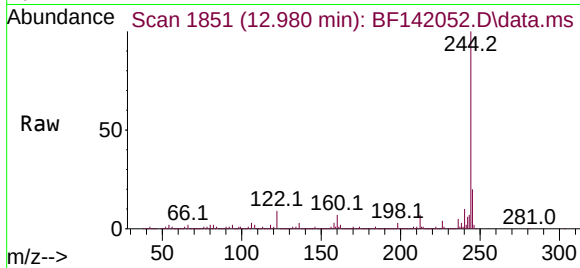




#79
 Terphenyl-d14
 Concen: 102.521 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142052.D
 Acq: 24 Mar 2025 13:55

Instrument :
 BNA_F
 ClientSampleId :
 TP20250320-01

Tgt Ion:244 Resp: 1663270
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 8.8 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2280
 Delta R.T. -0.006 min
 Lab File: BF142052.D
 Acq: 24 Mar 2025 13:55

Tgt Ion:264 Resp: 278621
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 21.3 17.5 26.3

