

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
 Data File : BF142514.D
 Acq On : 22 May 2025 17:03
 Operator : RC/JU
 Sample : Q2074-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-15

Quant Time: May 23 01:22:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	111156	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	403247	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	196334	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	331001	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	212263	20.000	ng	-0.01
86) Perylene-d12	15.557	264	172640	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	462988	70.174	ng	0.00
7) Phenol-d6	6.516	99	573497	72.210	ng	-0.02
23) Nitrobenzene-d5	7.457	82	322818	43.653	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	150454	69.045	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	615030	42.035	ng	-0.02
79) Terphenyl-d14	13.010	244	634371	40.841	ng	0.00

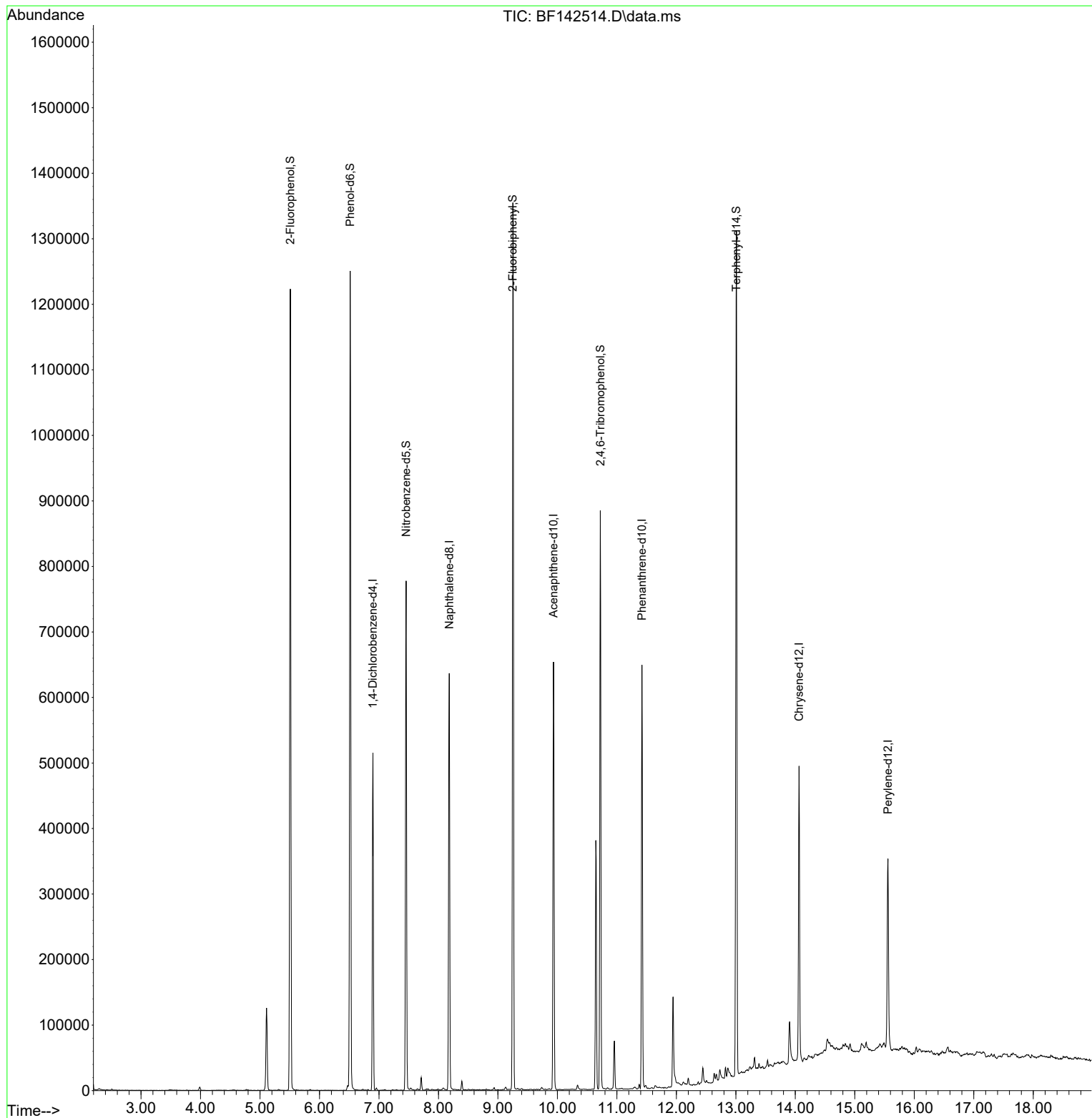
Target Compounds	Qvalue

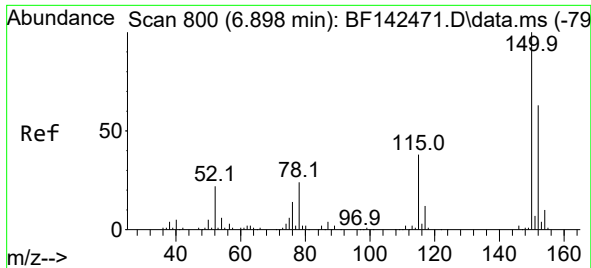
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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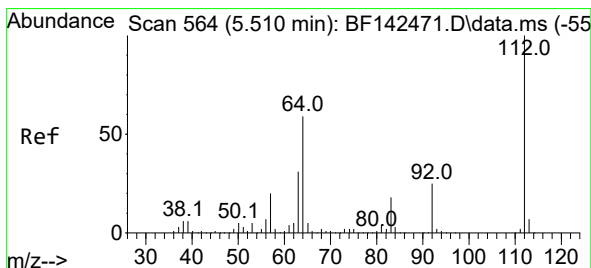
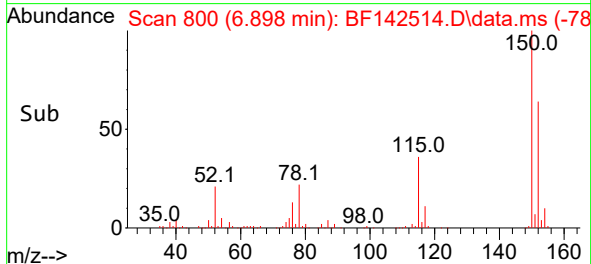
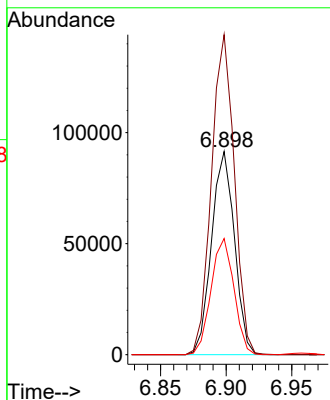
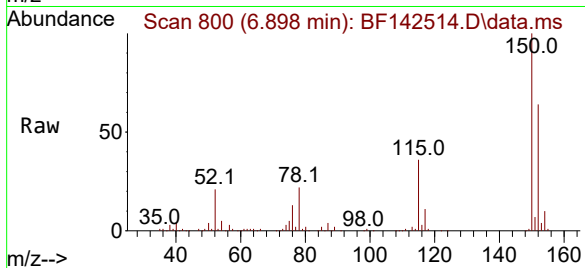




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142514.D
Acq: 22 May 2025 17:03

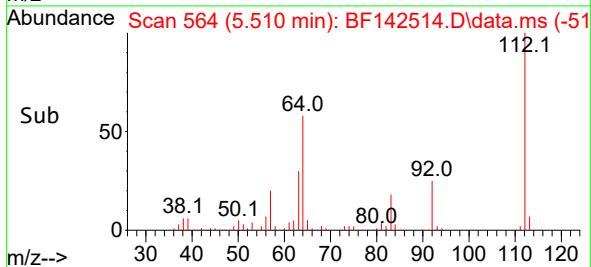
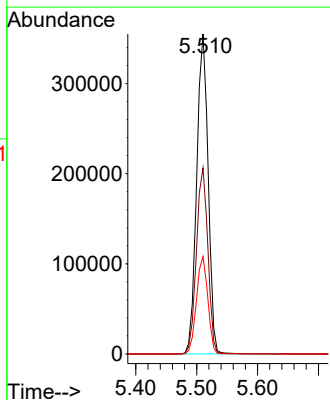
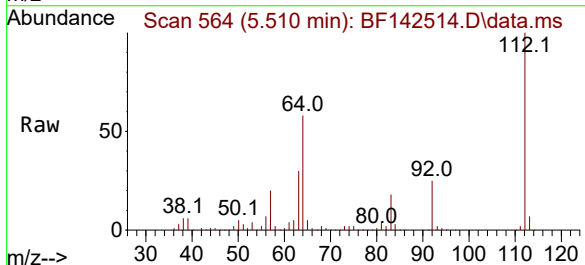
Instrument :
BNA_F
ClientSampleId :
TP-15

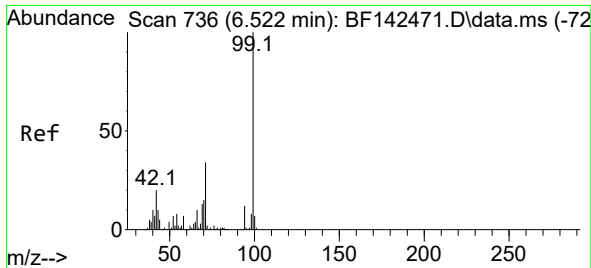
Tgt Ion:152 Resp: 111156
Ion Ratio Lower Upper
152 100
150 157.5 128.2 192.4
115 57.1 48.3 72.5



#5
2-Fluorophenol
Concen: 70.174 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.006 min
Lab File: BF142514.D
Acq: 22 May 2025 17:03

Tgt Ion:112 Resp: 462988
Ion Ratio Lower Upper
112 100
64 58.1 47.5 71.3
63 30.4 24.9 37.3





#7

Phenol-d6

Concen: 72.210 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.017 min

Lab File: BF142514.D

Acq: 22 May 2025 17:03

Instrument :

BNA_F

ClientSampleId :

TP-15

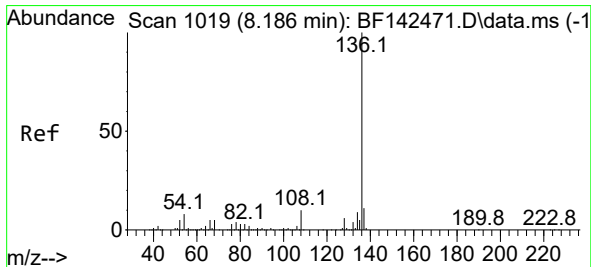
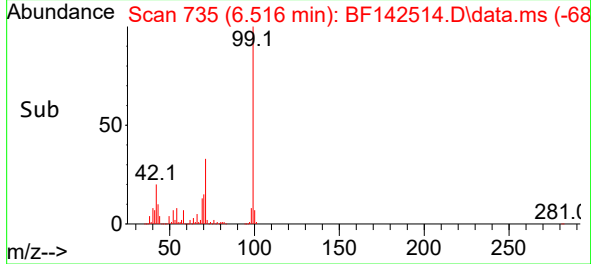
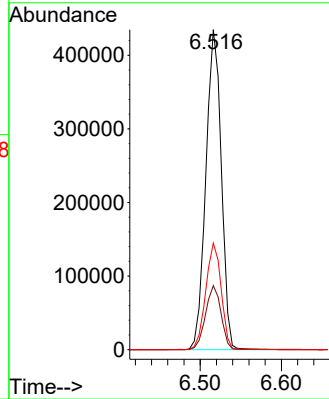
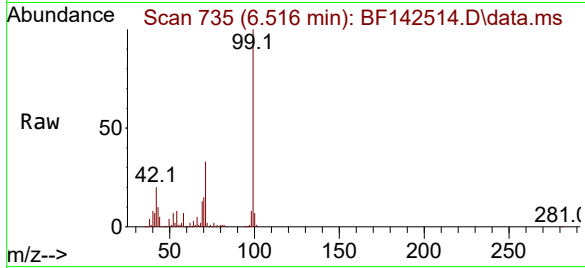
Tgt Ion: 99 Resp: 573497

Ion Ratio Lower Upper

99 100

42 20.0 16.2 24.2

71 33.3 27.3 40.9



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.181 min Scan# 1018

Delta R.T. -0.006 min

Lab File: BF142514.D

Acq: 22 May 2025 17:03

Tgt Ion: 136 Resp: 403247

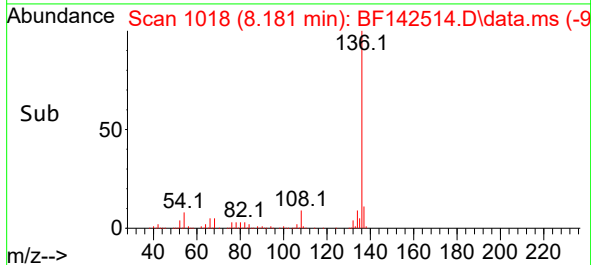
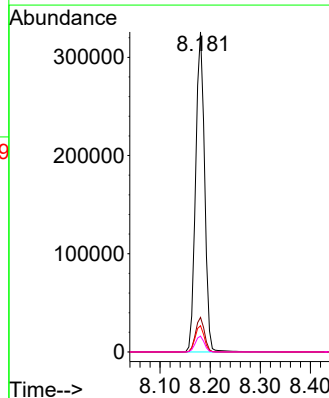
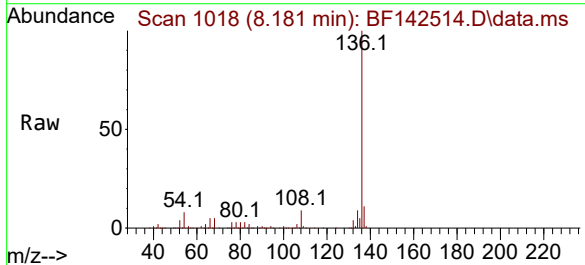
Ion Ratio Lower Upper

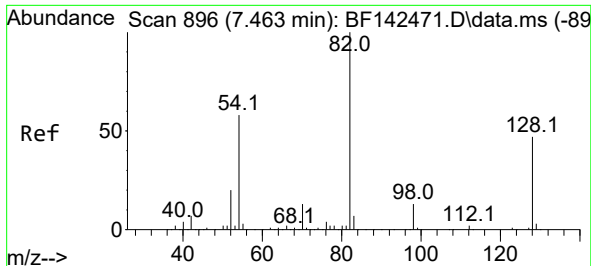
136 100

137 10.8 8.6 13.0

54 8.2 6.6 10.0

68 5.0 4.1 6.1





#23

Nitrobenzene-d5

Concen: 43.653 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.017 min

Lab File: BF142514.D

Acq: 22 May 2025 17:03

Instrument :

BNA_F

ClientSampleId :

TP-15

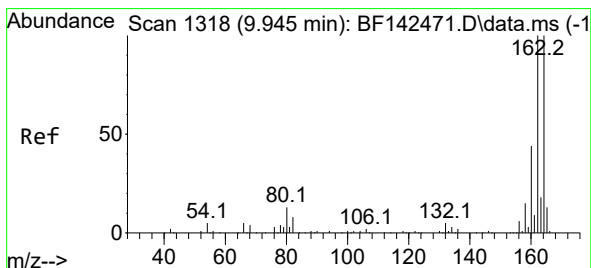
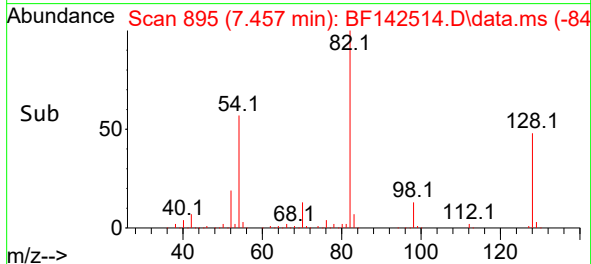
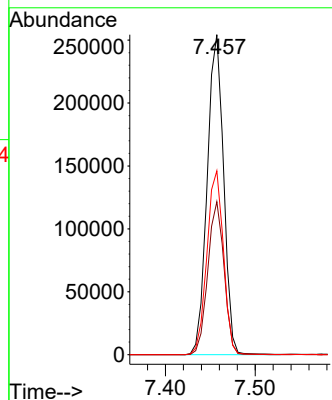
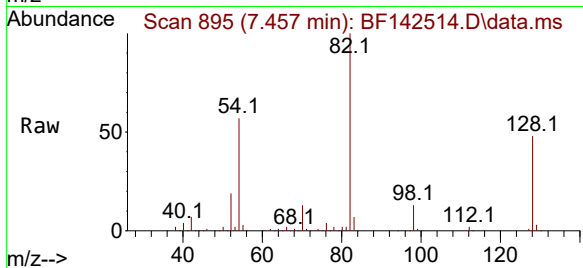
Tgt Ion: 82 Resp: 322818

Ion Ratio Lower Upper

82 100

128 47.8 37.4 56.2

54 57.5 46.6 70.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF142514.D

Acq: 22 May 2025 17:03

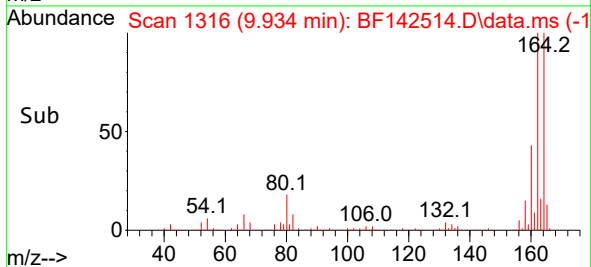
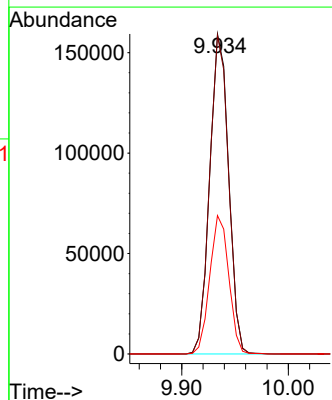
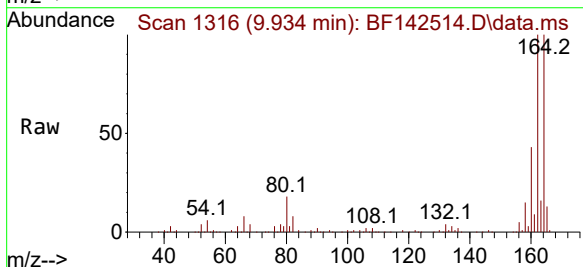
Tgt Ion:164 Resp: 196334

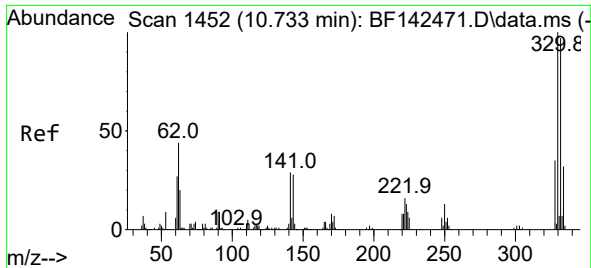
Ion Ratio Lower Upper

164 100

162 99.6 80.2 120.4

160 43.3 35.6 53.4

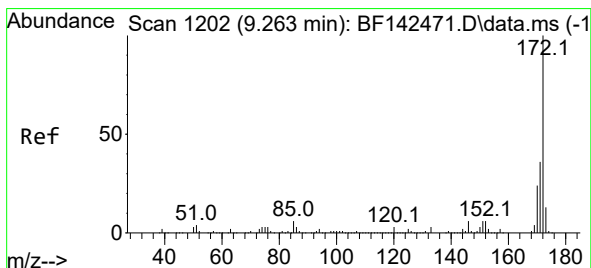
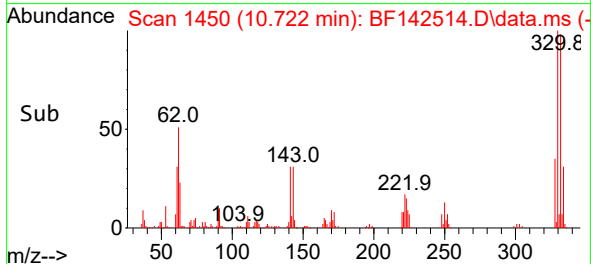
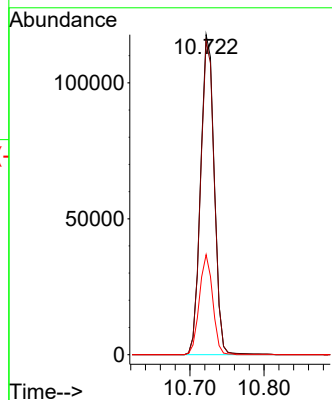
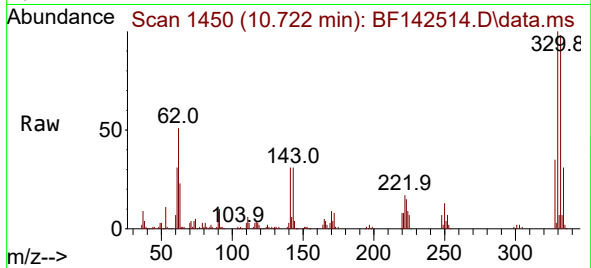




#42
2,4,6-Tribromophenol
Concen: 69.045 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.017 min
Lab File: BF142514.D
Acq: 22 May 2025 17:03

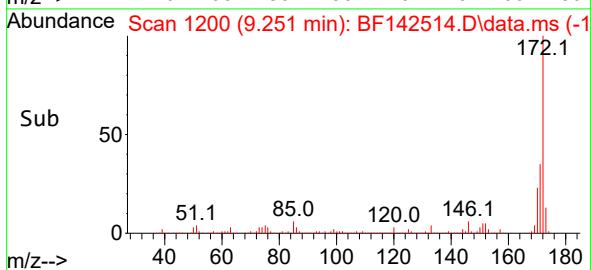
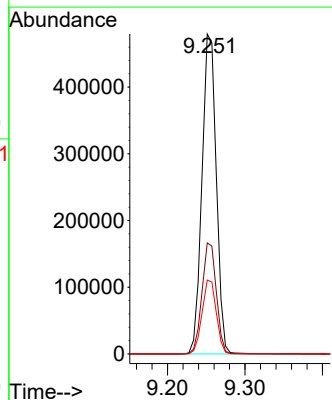
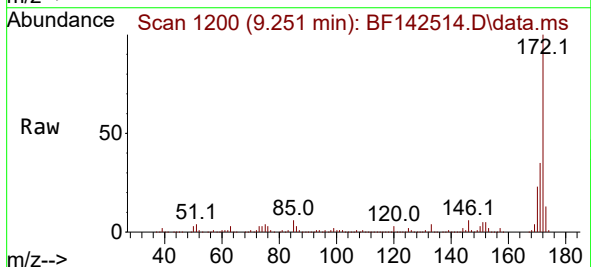
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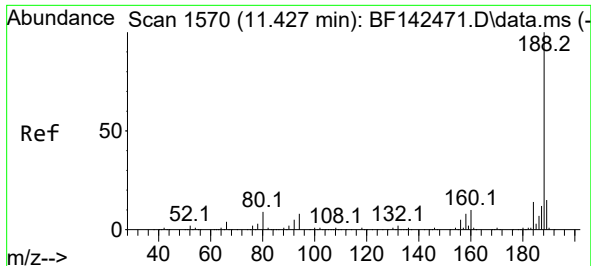
Tgt Ion:330 Resp: 150454
Ion Ratio Lower Upper
330 100
332 98.2 77.6 116.4
141 30.4 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 42.035 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.017 min
Lab File: BF142514.D
Acq: 22 May 2025 17:03

Tgt Ion:172 Resp: 615030
Ion Ratio Lower Upper
172 100
171 34.7 28.6 42.8
170 23.1 18.9 28.3

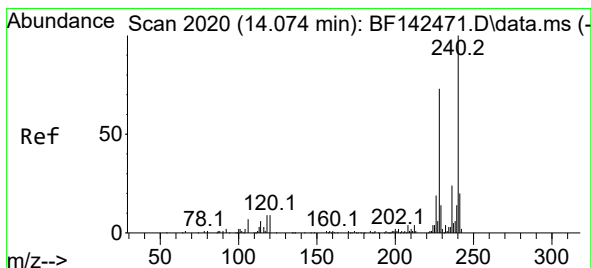
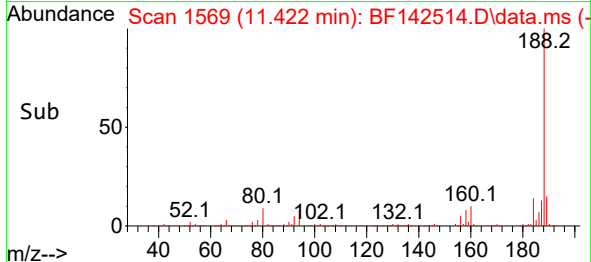
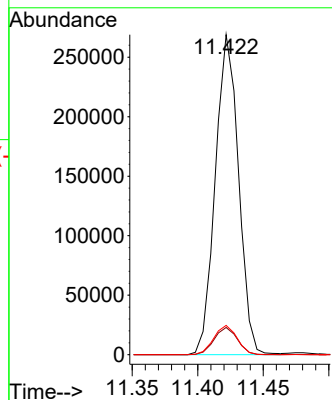
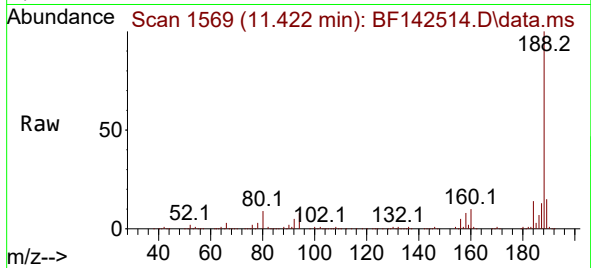




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142514.D
Acq: 22 May 2025 17:03

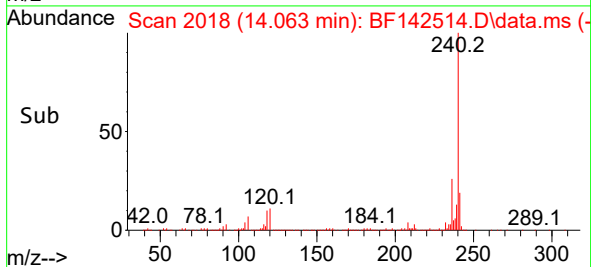
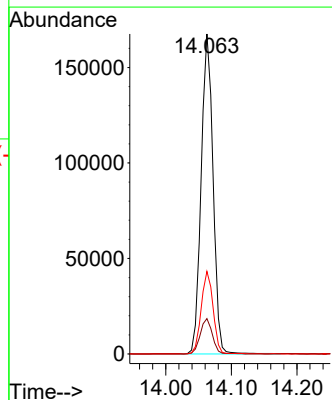
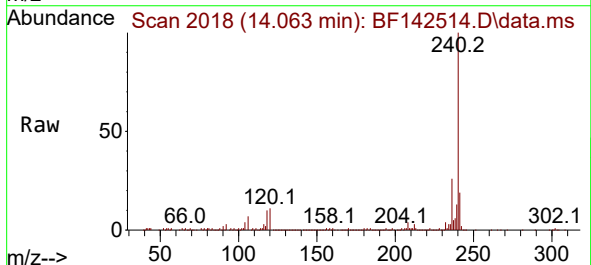
Instrument :
BNA_F
ClientSampleId :
TP-15

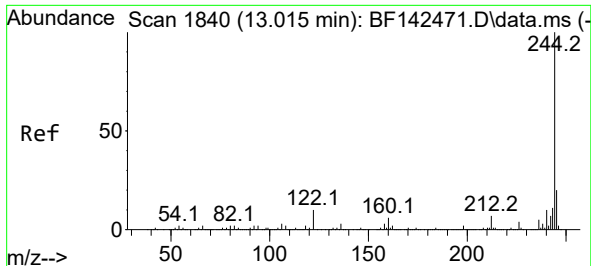
Tgt Ion:188 Resp: 331001
Ion Ratio Lower Upper
188 100
94 8.5 6.6 10.0
80 9.2 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142514.D
Acq: 22 May 2025 17:03

Tgt Ion:240 Resp: 212263
Ion Ratio Lower Upper
240 100
120 11.0 7.5 11.3
236 25.8 19.6 29.4

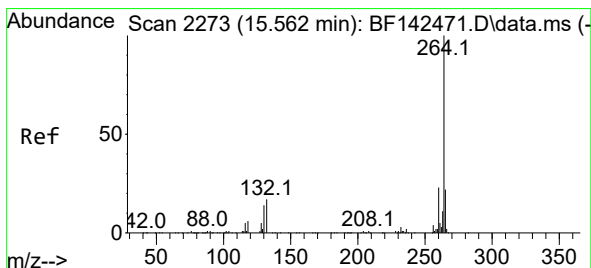
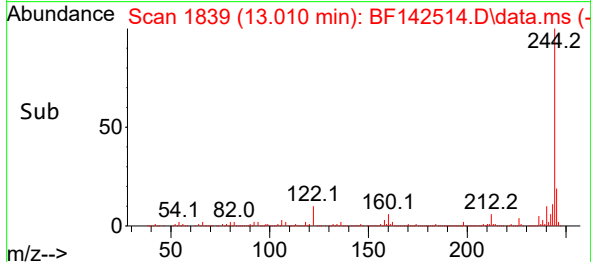
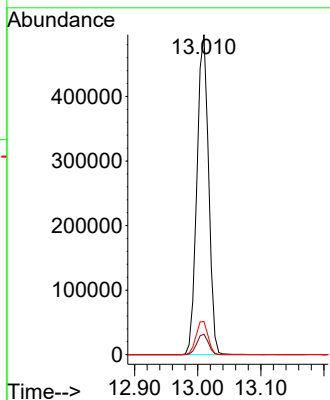
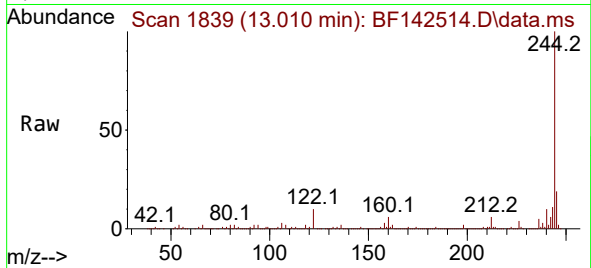




#79
 Terphenyl-d14
 Concen: 40.841 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142514.D
 Acq: 22 May 2025 17:03

Instrument :
 BNA_F
 ClientSampleId :
 TP-15

Tgt Ion:244 Resp: 634371
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.3 7.9
 122 10.4 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2272
 Delta R.T. -0.012 min
 Lab File: BF142514.D
 Acq: 22 May 2025 17:03

Tgt Ion:264 Resp: 172640
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 21.4 17.7 26.5

