

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
 Data File : BF142749.D
 Acq On : 12 Jun 2025 10:56
 Operator : RC/JU
 Sample : PB168376BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168376BL

Quant Time: Jun 12 11:53:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 11 05:56:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	74630	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	283653	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	155383	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	260750	20.000	ng	0.00
76) Chrysene-d12	14.063	240	151515	20.000	ng	0.00
86) Perylene-d12	15.557	264	154400	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	547296	124.899	ng	0.02
7) Phenol-d6	6.516	99	640586	124.220	ng	0.00
23) Nitrobenzene-d5	7.451	82	406887	78.504	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	204197	119.906	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	899739	76.930	ng	0.00
79) Terphenyl-d14	13.010	244	803592	72.843	ng	0.00

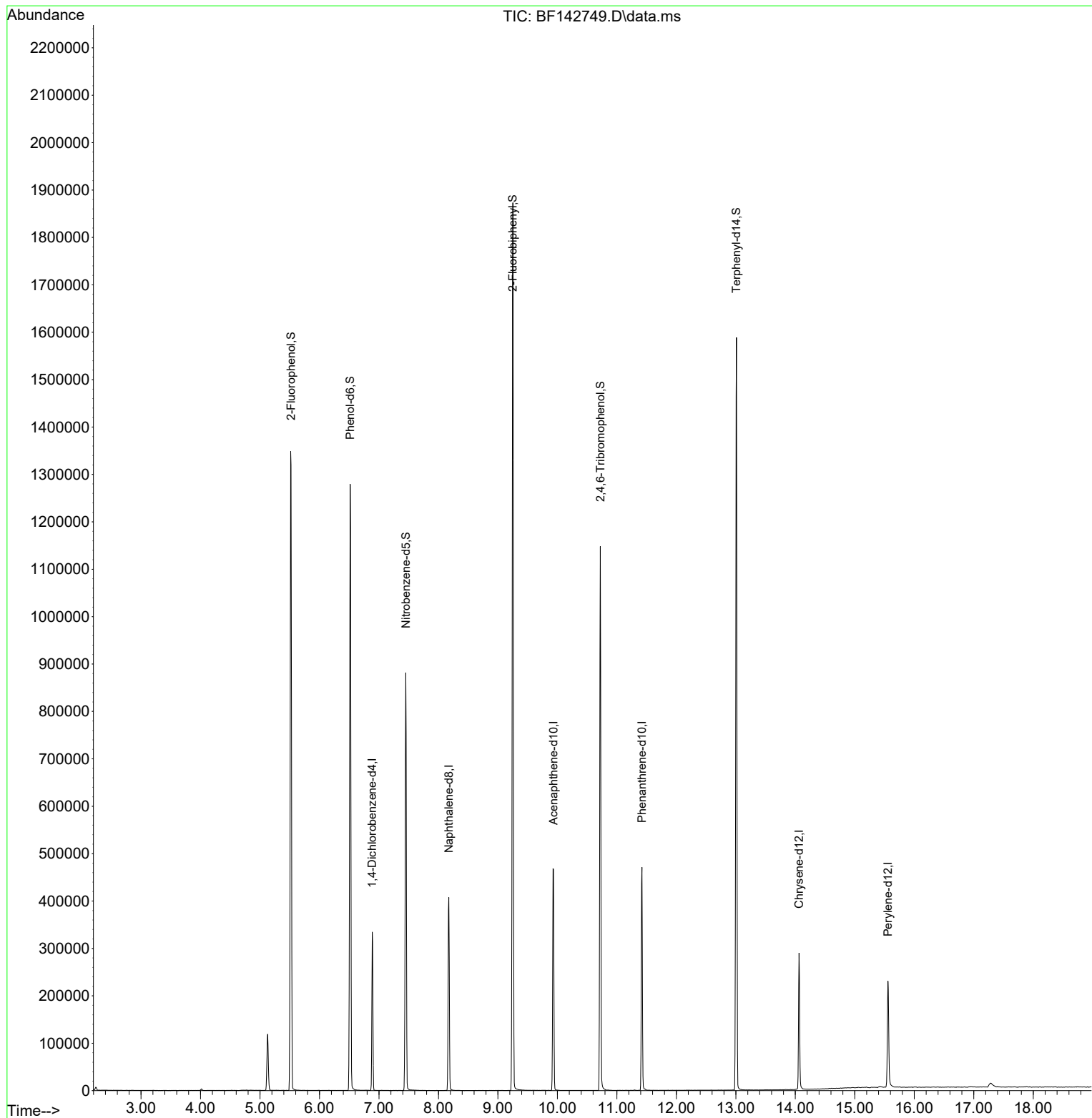
Target Compounds	Qvalue

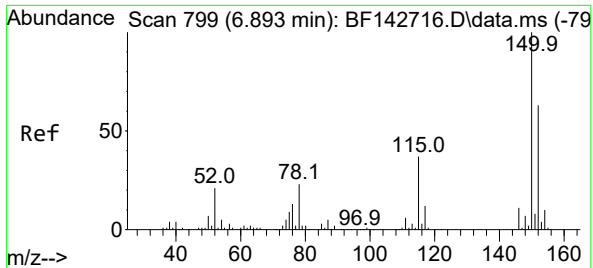
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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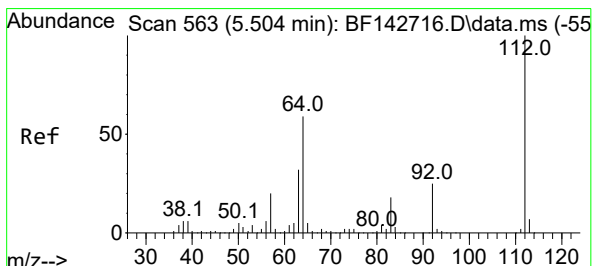
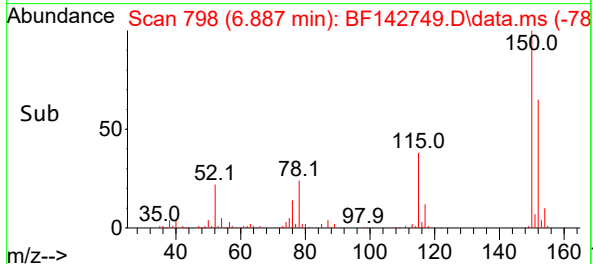
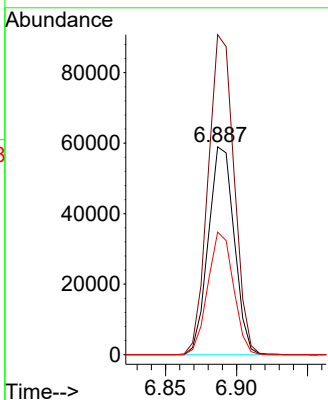
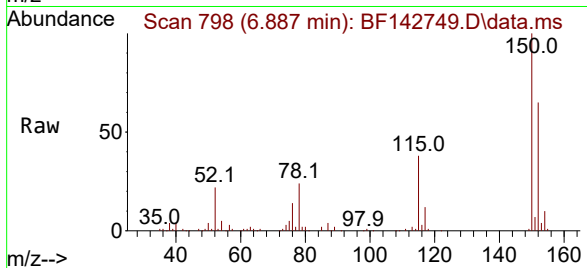




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF142749.D
Acq: 12 Jun 2025 10:56

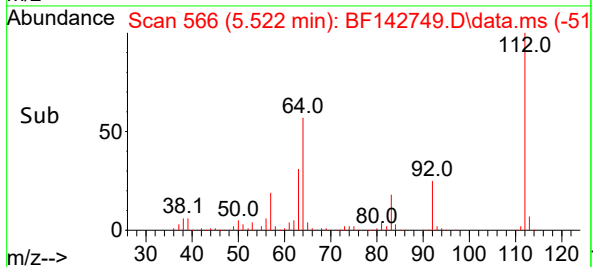
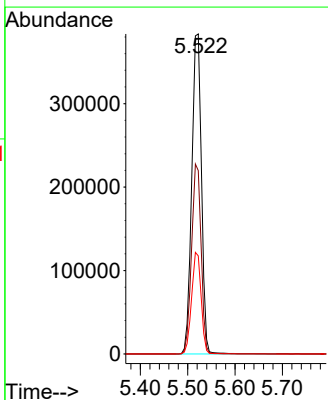
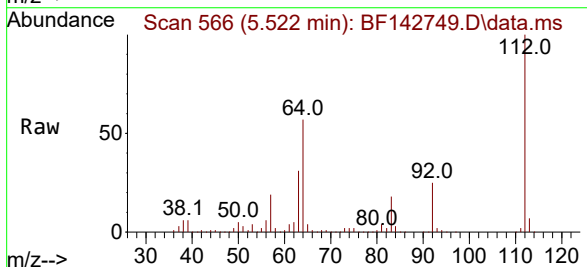
Instrument :
BNA_F
ClientSampleId :
PB168376BL

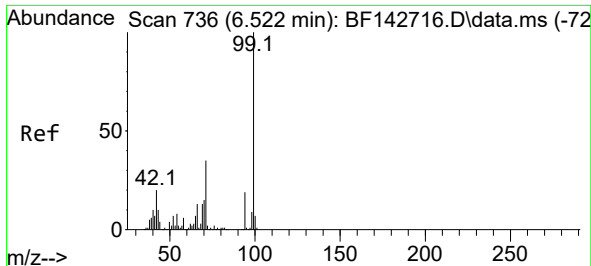
Tgt Ion:152 Resp: 74630
Ion Ratio Lower Upper
152 100
150 153.9 126.9 190.3
115 58.9 47.0 70.6



#5
2-Fluorophenol
Concen: 124.899 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.018 min
Lab File: BF142749.D
Acq: 12 Jun 2025 10:56

Tgt Ion:112 Resp: 547296
Ion Ratio Lower Upper
112 100
64 57.3 47.4 71.2
63 30.6 25.4 38.0

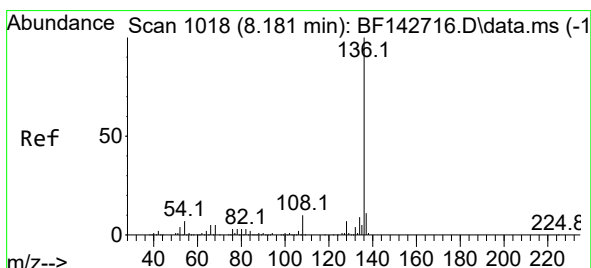
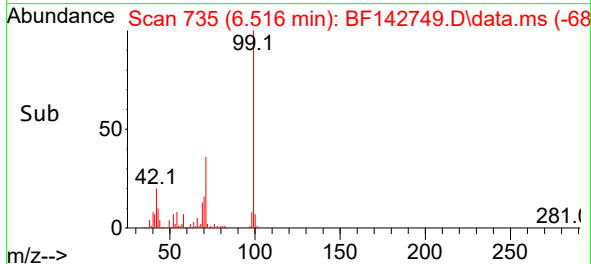
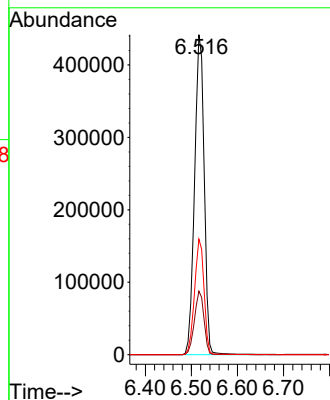
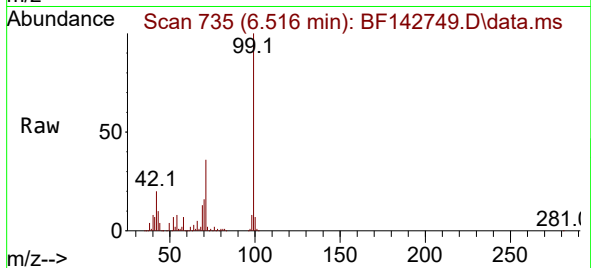




#7
Phenol-d6
Concen: 124.220 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142749.D
Acq: 12 Jun 2025 10:56

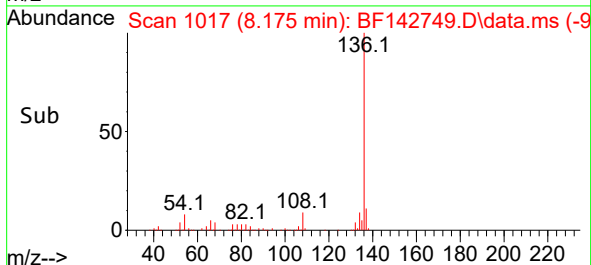
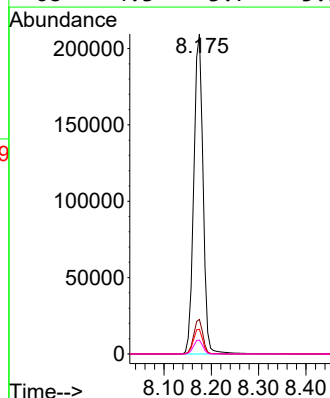
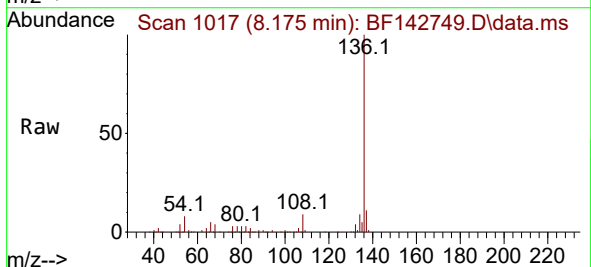
Instrument :
BNA_F
ClientSampleId :
PB168376BL

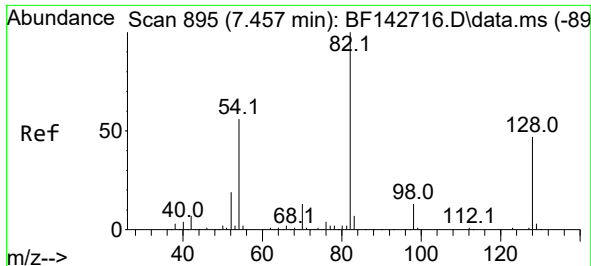
Tgt Ion: 99 Resp: 640586
Ion Ratio Lower Upper
99 100
42 19.9 15.9 23.9
71 36.1 28.0 42.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF142749.D
Acq: 12 Jun 2025 10:56

Tgt Ion: 136 Resp: 283653
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.7 5.9 8.9
68 4.3 3.7 5.5





#23

Nitrobenzene-d5

Concen: 78.504 ng

RT: 7.451 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142749.D

Acq: 12 Jun 2025 10:56

Instrument :

BNA_F

ClientSampleId :

PB168376BL

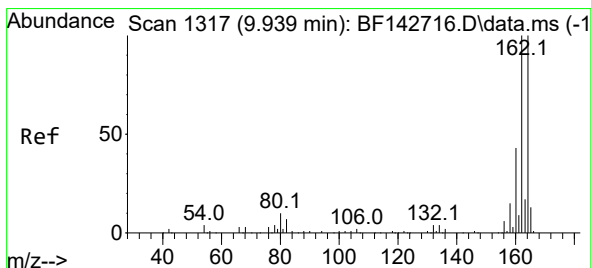
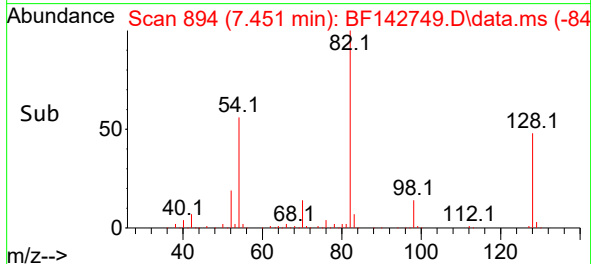
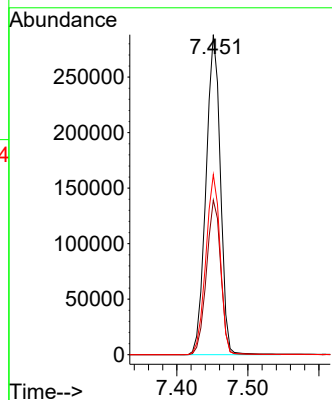
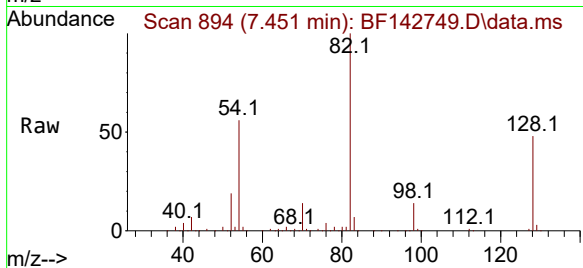
Tgt Ion: 82 Resp: 406887

Ion Ratio Lower Upper

82 100

128 48.3 37.8 56.8

54 56.2 44.9 67.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF142749.D

Acq: 12 Jun 2025 10:56

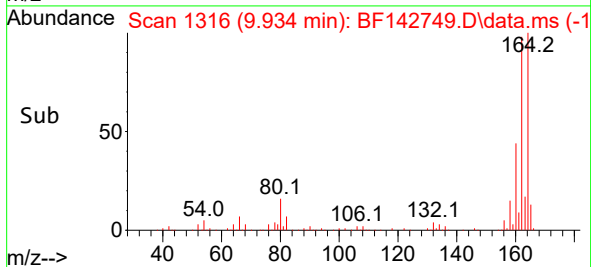
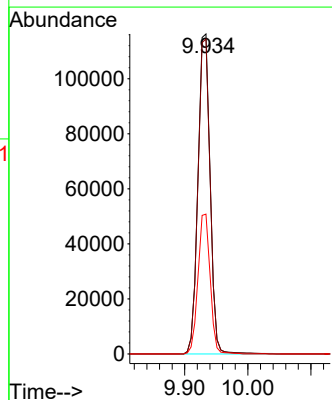
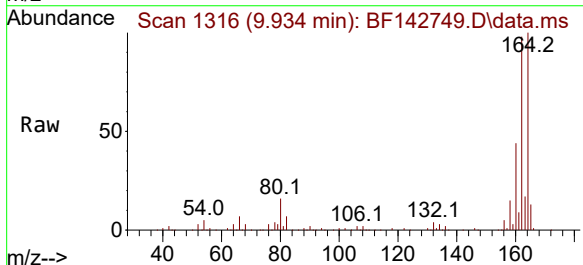
Tgt Ion:164 Resp: 155383

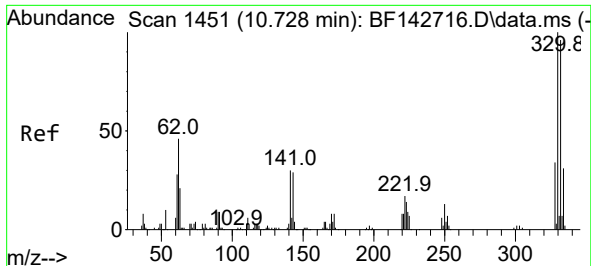
Ion Ratio Lower Upper

164 100

162 98.4 79.9 119.9

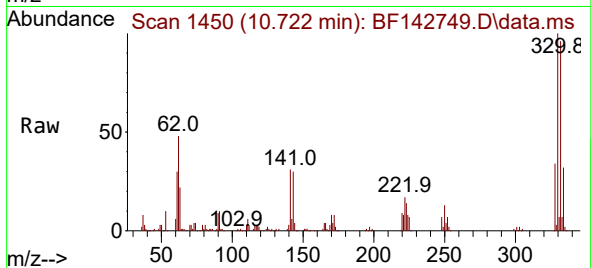
160 43.7 34.8 52.2



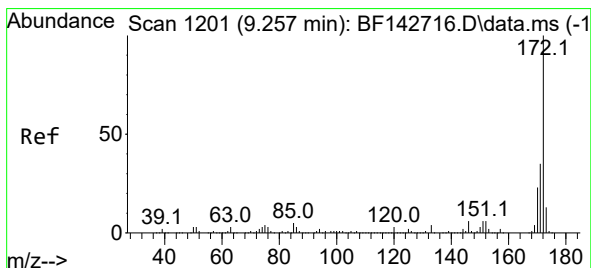
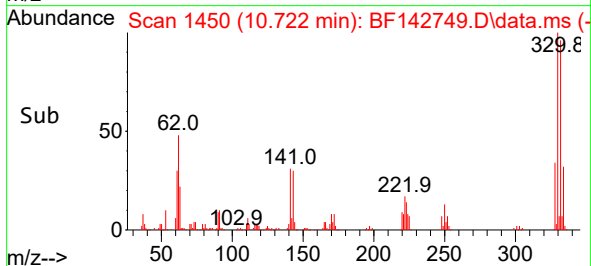
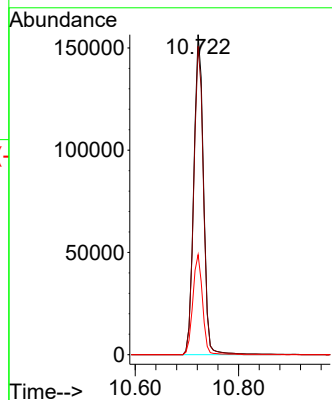


#42
2,4,6-Tribromophenol
Concen: 119.906 ng
RT: 10.722 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142749.D
Acq: 12 Jun 2025 10:56

Instrument :
BNA_F
ClientSampleId :
PB168376BL

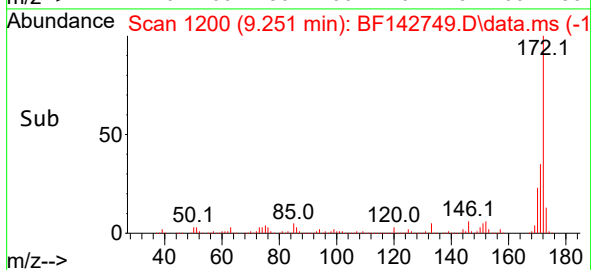
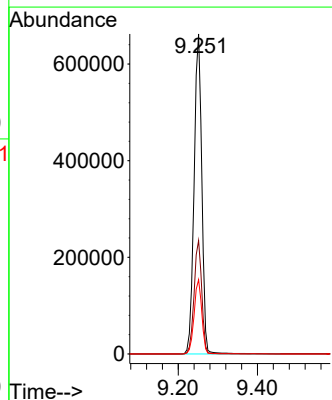
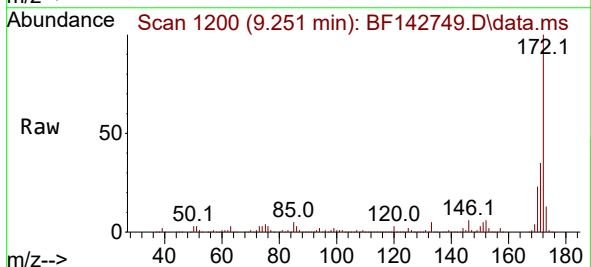


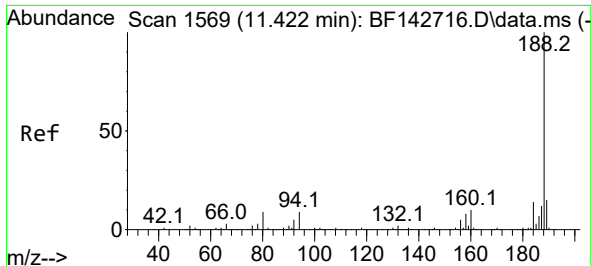
Tgt Ion:330 Resp: 204197
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 31.1 25.4 38.0



#45
2-Fluorobiphenyl
Concen: 76.930 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF142749.D
Acq: 12 Jun 2025 10:56

Tgt Ion:172 Resp: 899739
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.2 18.6 27.8

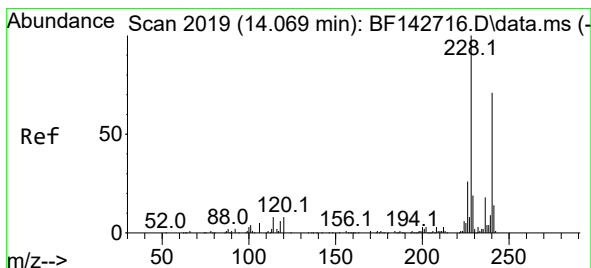
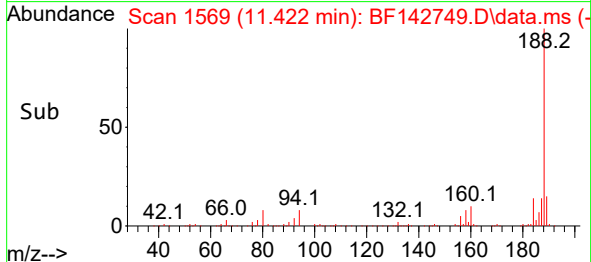
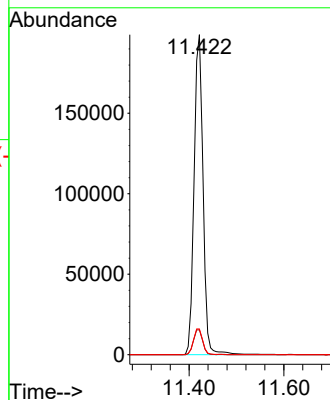
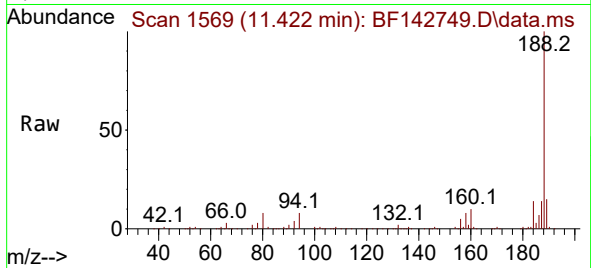




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142749.D
Acq: 12 Jun 2025 10:56

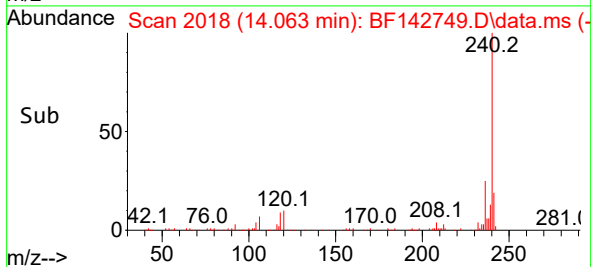
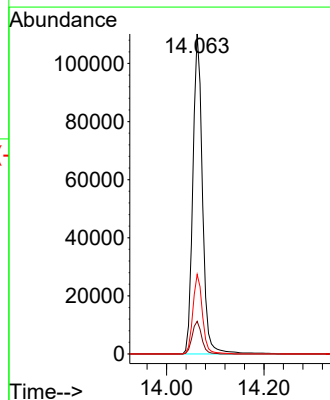
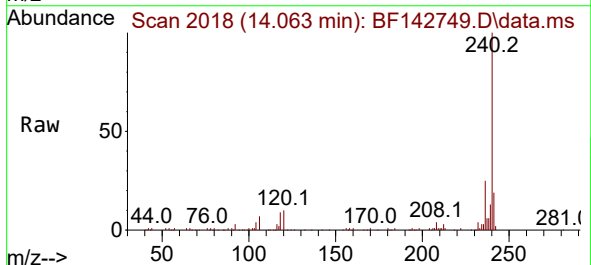
Instrument :
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ClientSampleId :
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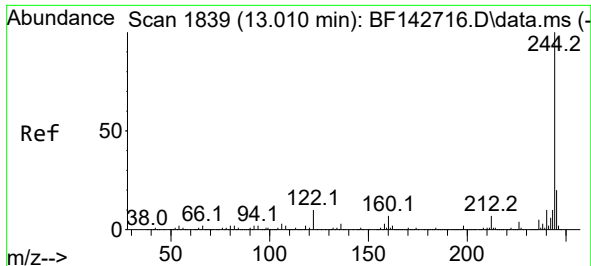
Tgt Ion:188 Resp: 260750
Ion Ratio Lower Upper
188 100
94 7.8 6.8 10.2
80 8.1 7.1 10.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142749.D
Acq: 12 Jun 2025 10:56

Tgt Ion:240 Resp: 151515
Ion Ratio Lower Upper
240 100
120 10.2 8.5 12.7
236 24.9 20.1 30.1

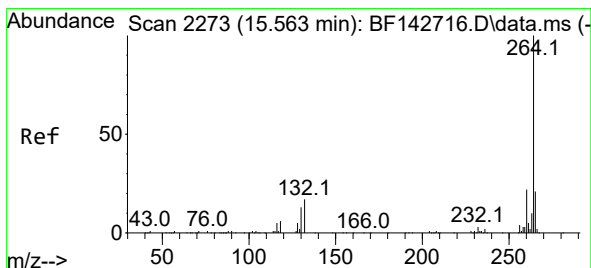
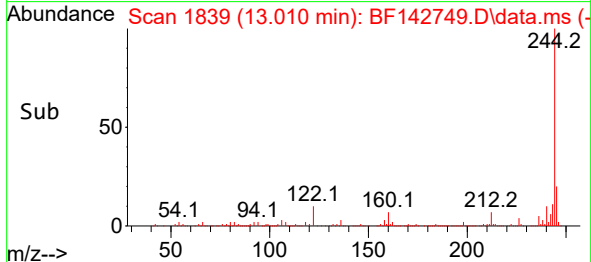
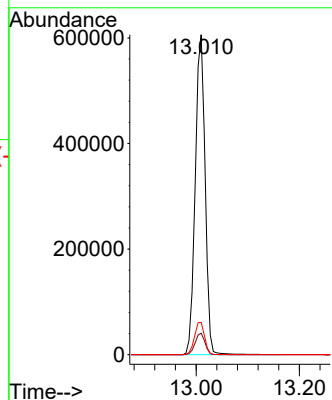
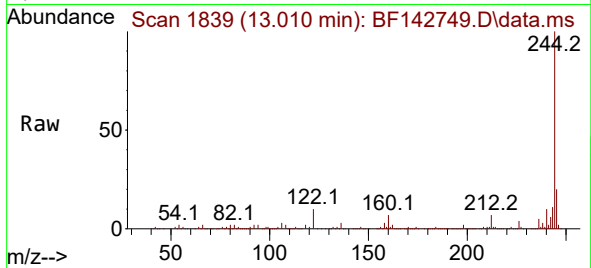




#79
 Terphenyl-d14
 Concen: 72.843 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.000 min
 Lab File: BF142749.D
 Acq: 12 Jun 2025 10:56

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 803592
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.1 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF142749.D
 Acq: 12 Jun 2025 10:56

Tgt Ion:264 Resp: 154400
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.8 26.6
 265 21.4 16.6 25.0

