

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
 Data File : BF142741.D
 Acq On : 11 Jun 2025 18:18
 Operator : RC/JU
 Sample : Q2273-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-6

Quant Time: Jun 12 01:46:55 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	6.892	152	61760	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	227453	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	114878	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	176861	20.000	ng	0.00
76) Chrysene-d12	14.063	240	140173	20.000	ng	0.00
86) Perylene-d12	15.562	264	160901	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	333296	91.912	ng	0.00
7) Phenol-d6	6.516	99	384930	90.199	ng	0.00
23) Nitrobenzene-d5	7.451	82	230687	55.506	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	105293	83.629	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	505750	58.490	ng	0.00
79) Terphenyl-d14	13.004	244	441777	43.286	ng	0.00

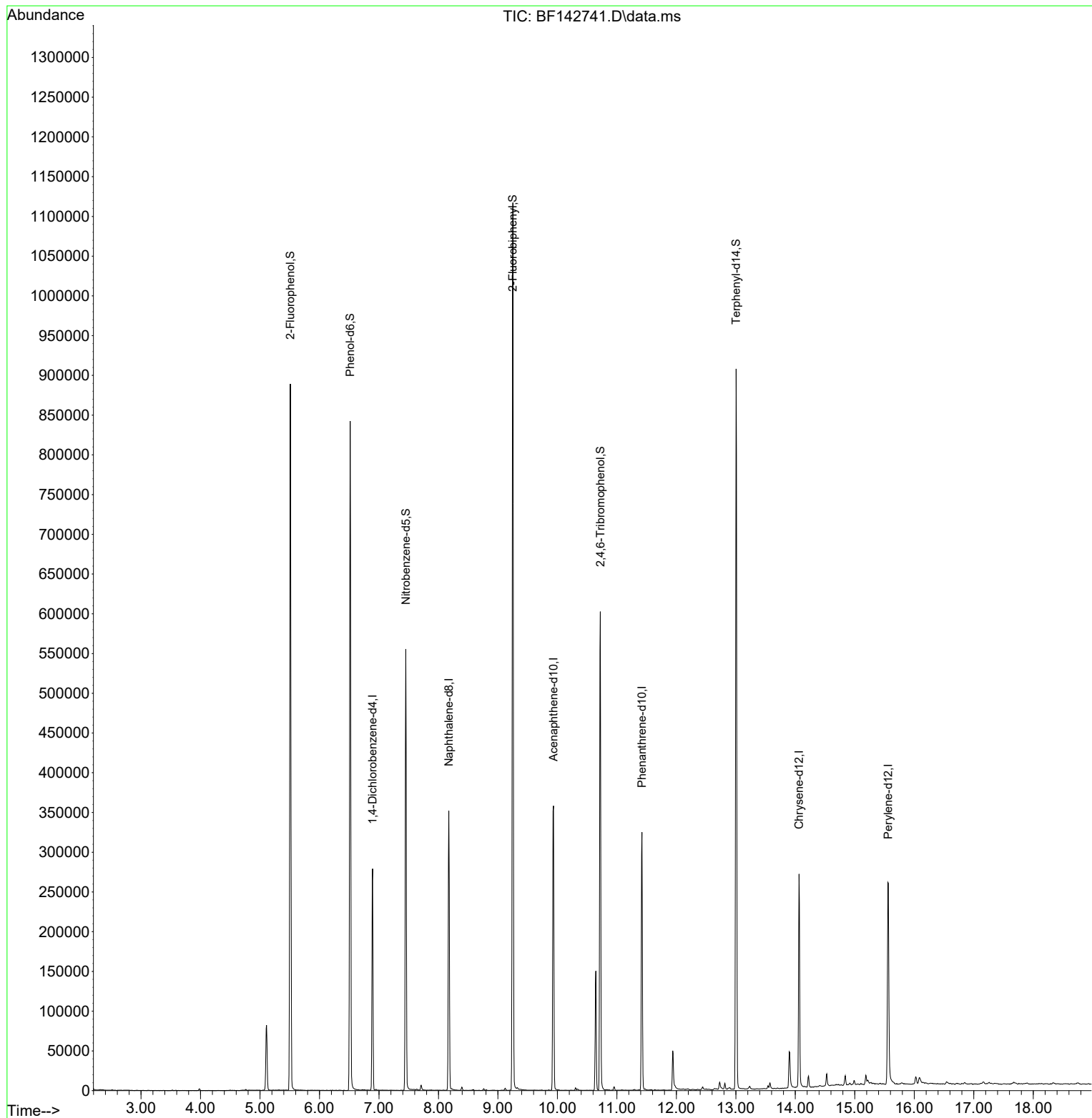
Target Compounds	Qvalue

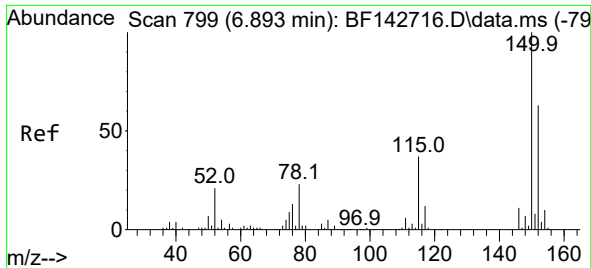
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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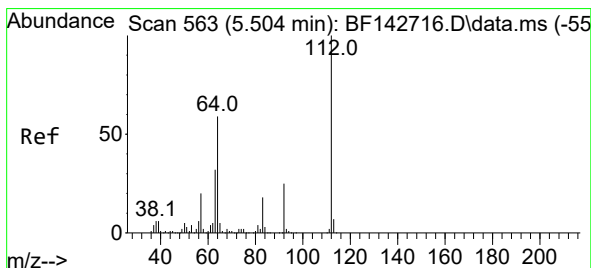
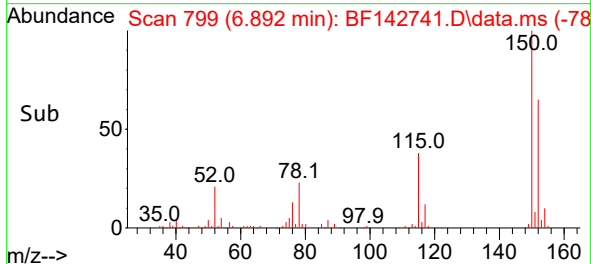
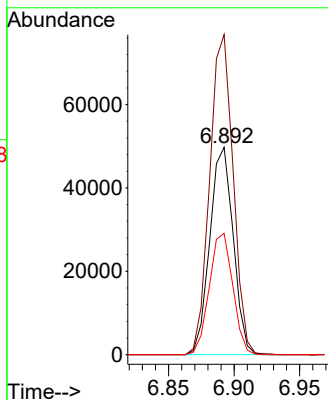
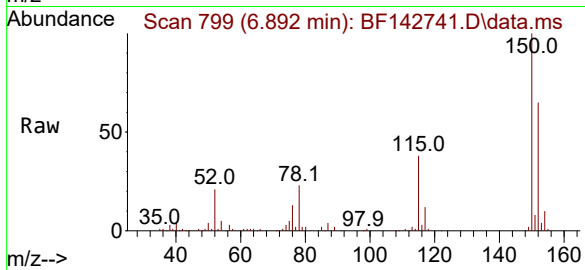




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.001 min
Lab File: BF142741.D
Acq: 11 Jun 2025 18:18

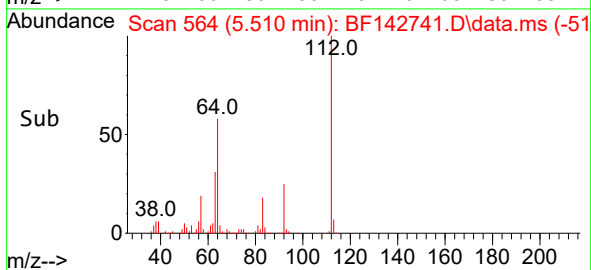
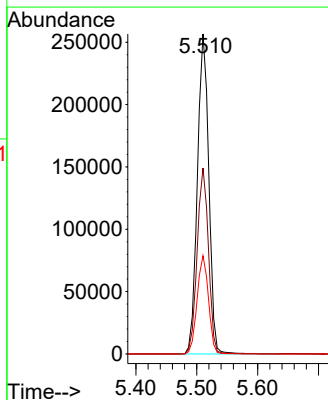
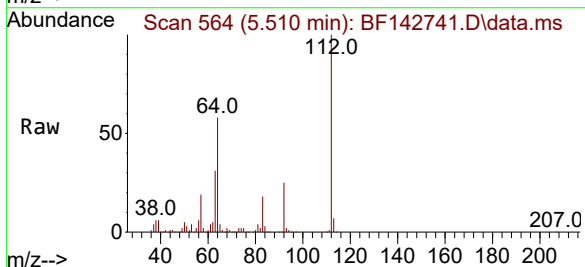
Instrument :
BNA_F
ClientSampleId :
WC-6

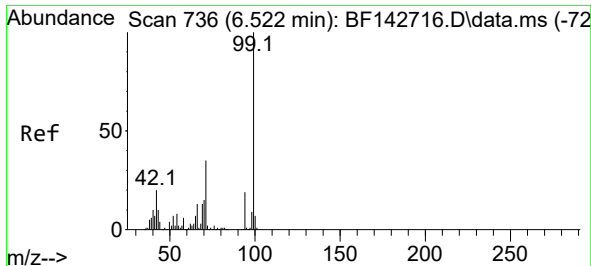
Tgt Ion:152 Resp: 61760
Ion Ratio Lower Upper
152 100
150 154.3 126.9 190.3
115 58.5 47.0 70.6



#5
2-Fluorophenol
Concen: 91.912 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF142741.D
Acq: 11 Jun 2025 18:18

Tgt Ion:112 Resp: 333296
Ion Ratio Lower Upper
112 100
64 58.1 47.4 71.2
63 30.7 25.4 38.0

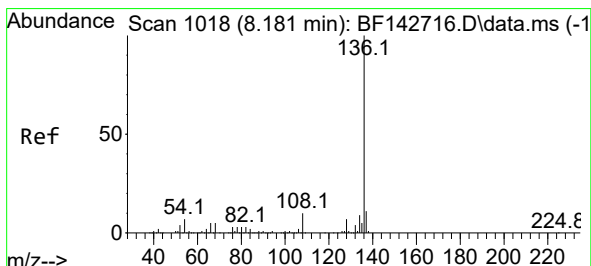
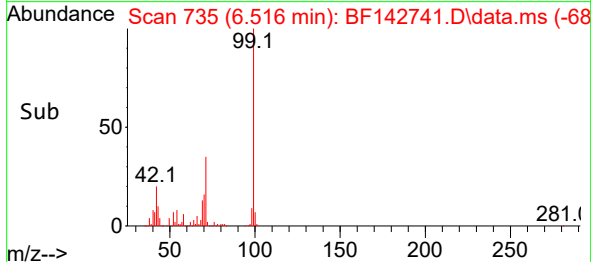
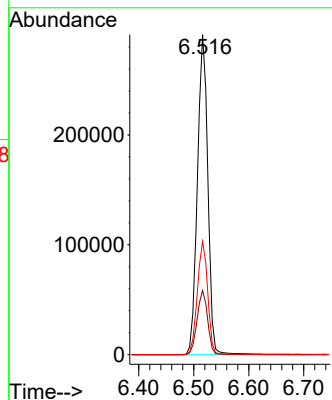
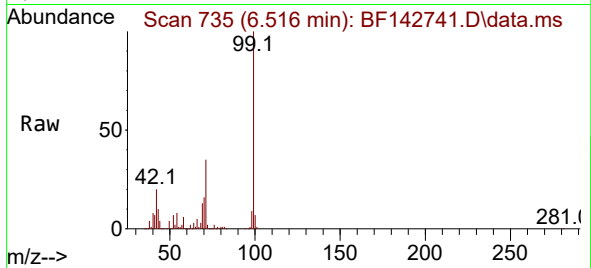




#7
Phenol-d6
Concen: 90.199 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142741.D
Acq: 11 Jun 2025 18:18

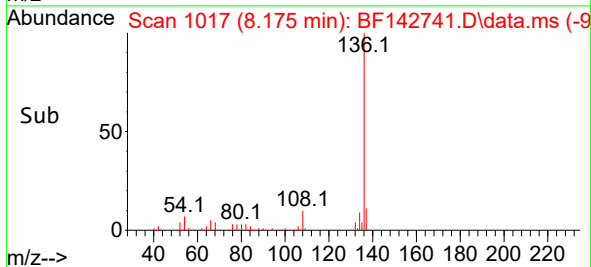
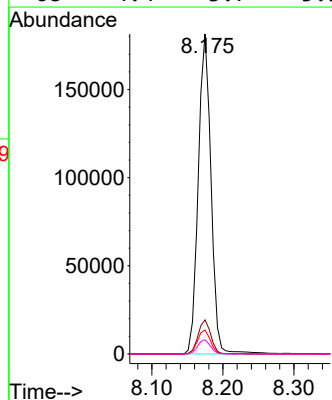
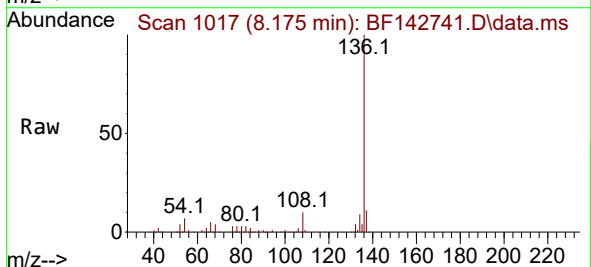
Instrument :
BNA_F
ClientSampleId :
WC-6

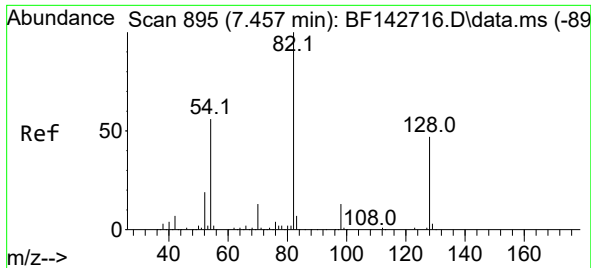
Tgt Ion: 99 Resp: 384930
Ion Ratio Lower Upper
99 100
42 20.1 15.9 23.9
71 35.4 28.0 42.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF142741.D
Acq: 11 Jun 2025 18:18

Tgt Ion: 136 Resp: 227453
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.5 5.9 8.9
68 4.4 3.7 5.5





#23

Nitrobenzene-d5

Concen: 55.506 ng

RT: 7.451 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142741.D

Acq: 11 Jun 2025 18:18

Instrument :

BNA_F

ClientSampleId :

WC-6

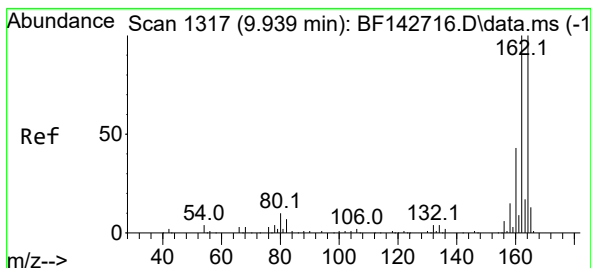
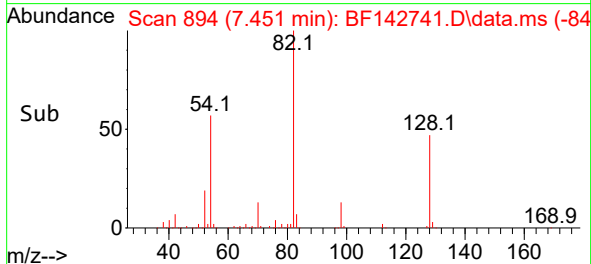
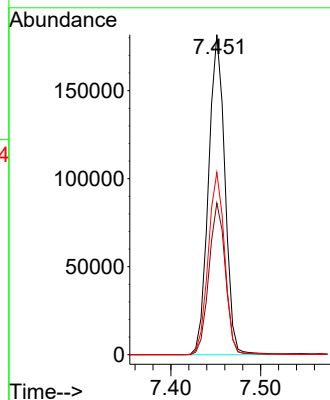
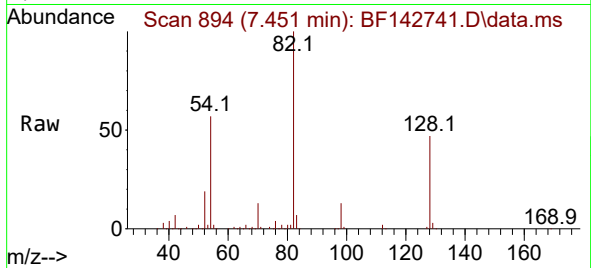
Tgt Ion: 82 Resp: 230687

Ion Ratio Lower Upper

82 100

128 47.4 37.8 56.8

54 57.0 44.9 67.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF142741.D

Acq: 11 Jun 2025 18:18

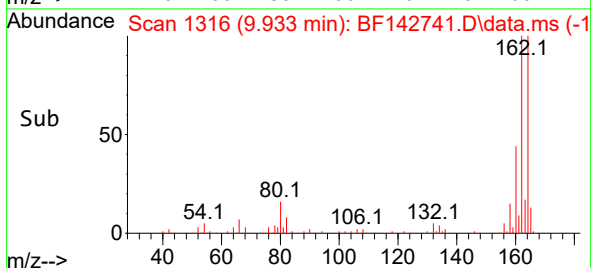
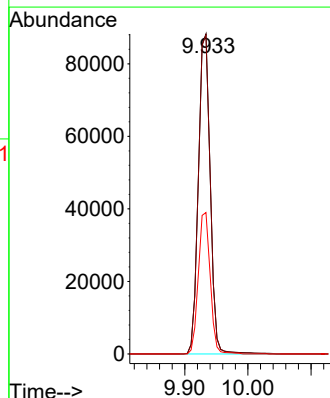
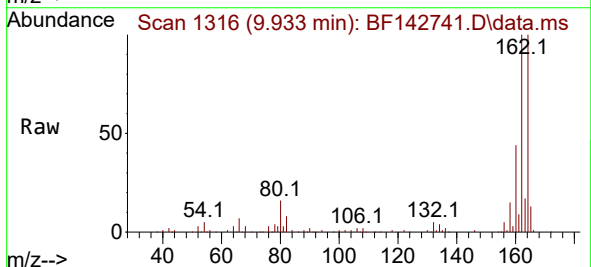
Tgt Ion:164 Resp: 114878

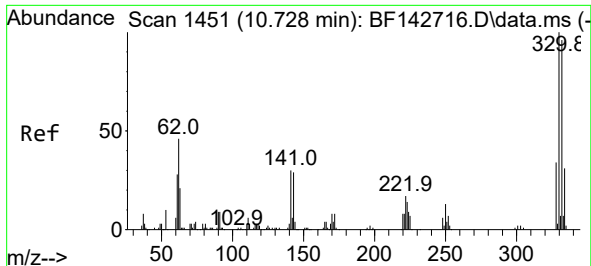
Ion Ratio Lower Upper

164 100

162 99.7 79.9 119.9

160 44.2 34.8 52.2

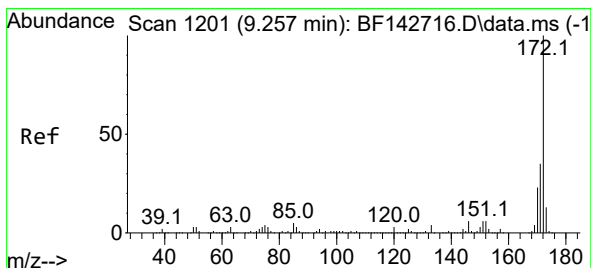
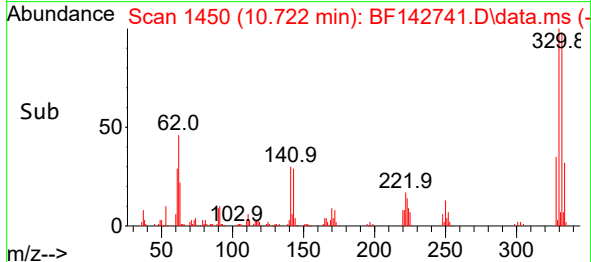
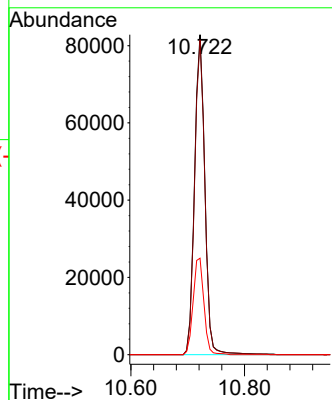
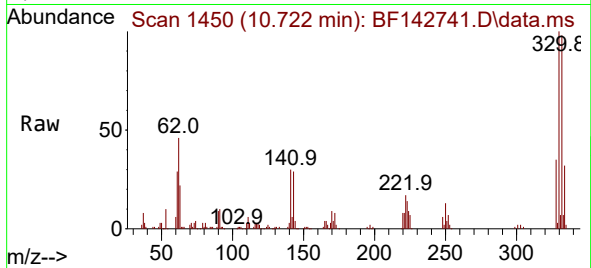




#42
2,4,6-Tribromophenol
Concen: 83.629 ng
RT: 10.722 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142741.D
Acq: 11 Jun 2025 18:18

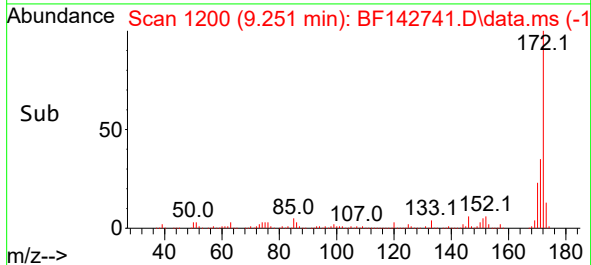
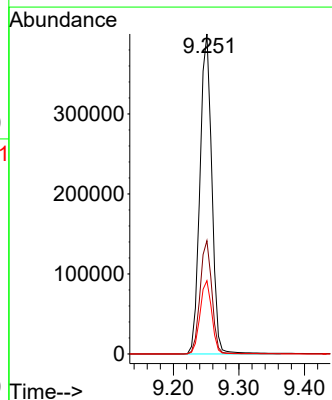
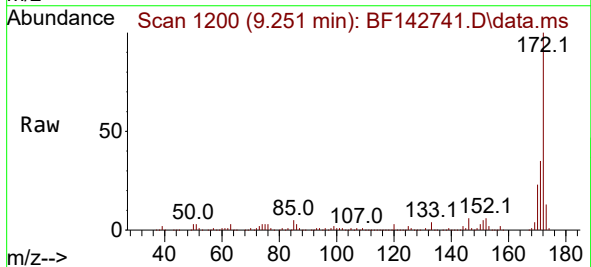
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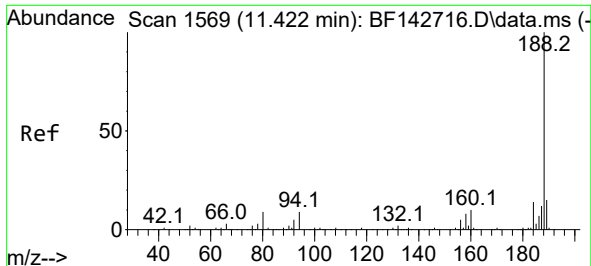
Tgt Ion:330 Resp: 105293
Ion Ratio Lower Upper
330 100
332 97.9 77.0 115.6
141 31.4 25.4 38.0



#45
2-Fluorobiphenyl
Concen: 58.490 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF142741.D
Acq: 11 Jun 2025 18:18

Tgt Ion:172 Resp: 505750
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 22.9 18.6 27.8

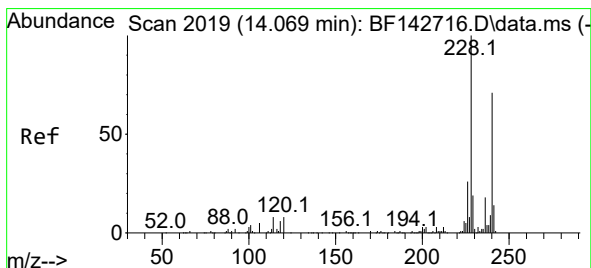
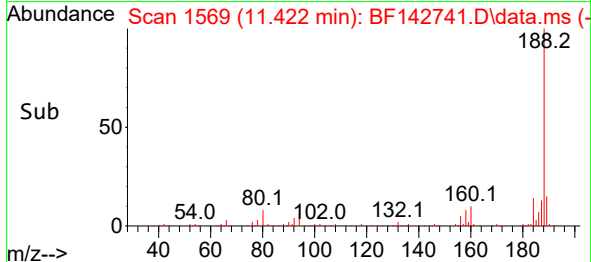
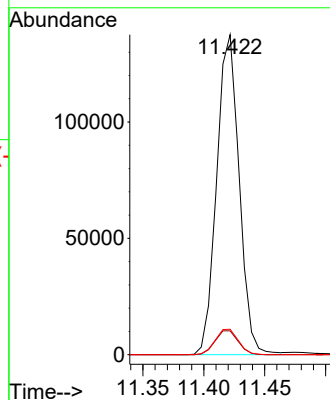
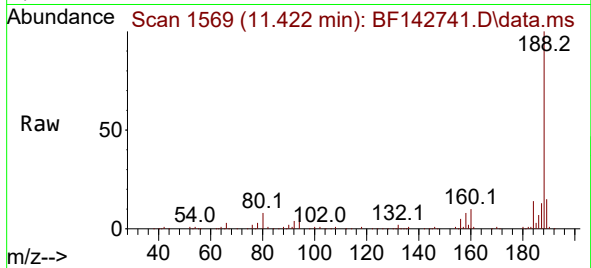




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142741.D
Acq: 11 Jun 2025 18:18

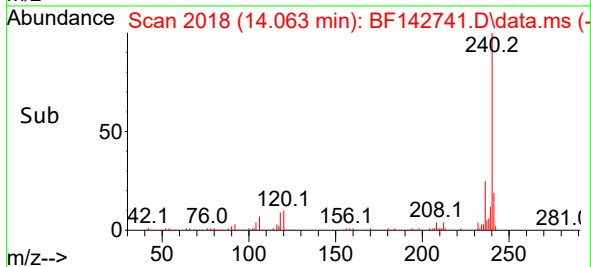
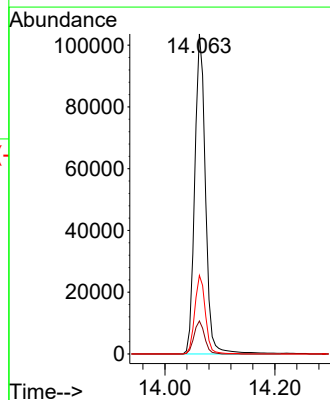
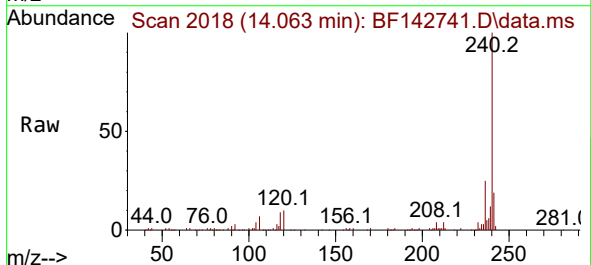
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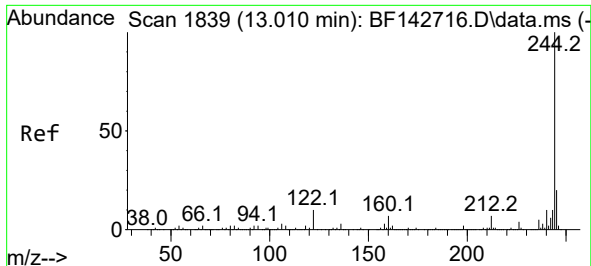
Tgt Ion:188 Resp: 176861
Ion Ratio Lower Upper
188 100
94 7.4 6.8 10.2
80 7.9 7.1 10.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142741.D
Acq: 11 Jun 2025 18:18

Tgt Ion:240 Resp: 140173
Ion Ratio Lower Upper
240 100
120 10.3 8.5 12.7
236 24.6 20.1 30.1

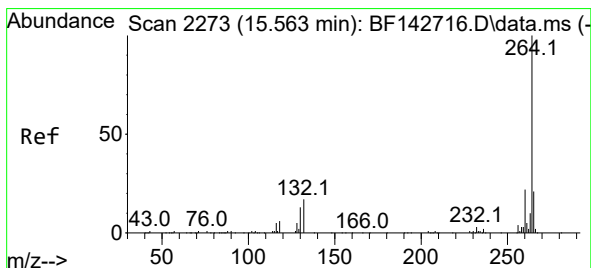
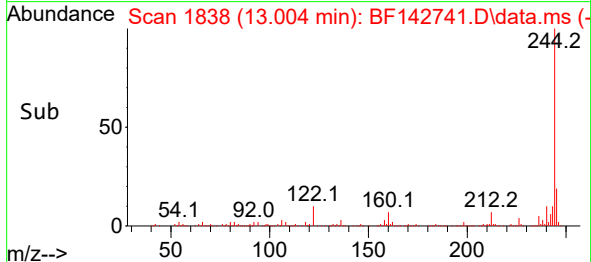
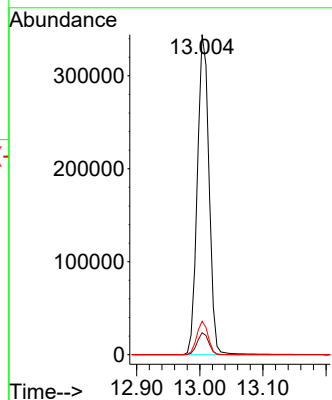
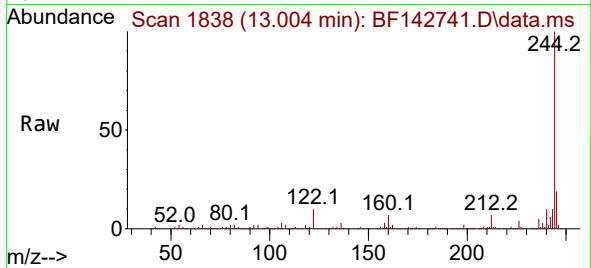




#79
 Terphenyl-d14
 Concen: 43.286 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF142741.D
 Acq: 11 Jun 2025 18:18

Instrument :
 BNA_F
 ClientSampleId :
 WC-6

Tgt Ion:244 Resp: 441777
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 10.4 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2273
 Delta R.T. -0.000 min
 Lab File: BF142741.D
 Acq: 11 Jun 2025 18:18

Tgt Ion:264 Resp: 160901
 Ion Ratio Lower Upper
 264 100
 260 23.3 17.8 26.6
 265 21.5 16.6 25.0

