

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061025\
 Data File : BF142702.D
 Acq On : 10 Jun 2025 10:08
 Operator : RC/JU
 Sample : PB168351BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168351BL

Quant Time: Jun 10 11:03:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 09 18:21:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	92057	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	355567	20.000	ng	-0.01
39) Acenaphthene-d10	9.933	164	195730	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	351690	20.000	ng	0.00
76) Chrysene-d12	14.068	240	279030	20.000	ng	0.00
86) Perylene-d12	15.562	264	202587	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	694414	128.082	ng	0.01
7) Phenol-d6	6.522	99	835164	131.356	ng	-0.01
23) Nitrobenzene-d5	7.457	82	520830	80.500	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	276598	125.781	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1122973	78.462	ng	-0.01
79) Terphenyl-d14	13.010	244	1276632	72.359	ng	0.00

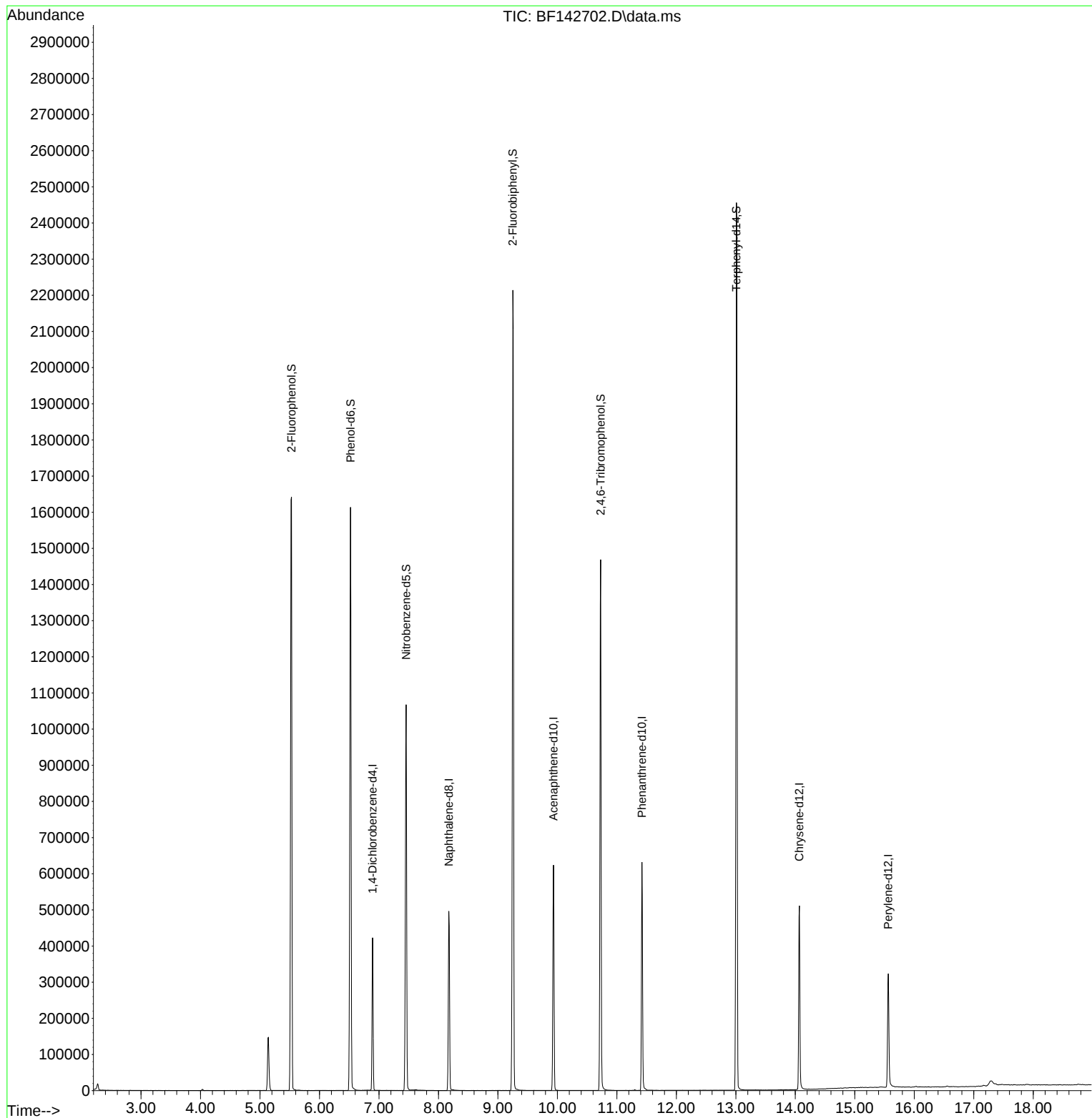
Target Compounds	Qvalue

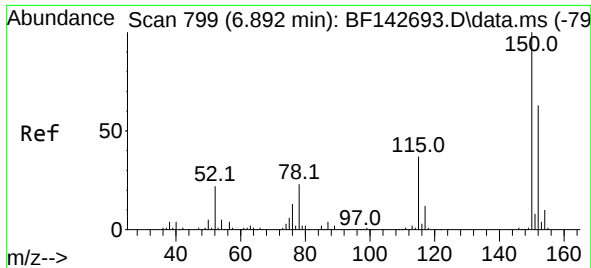
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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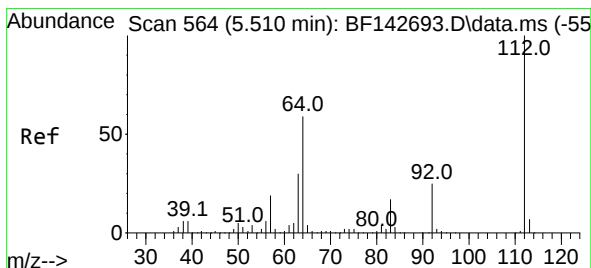
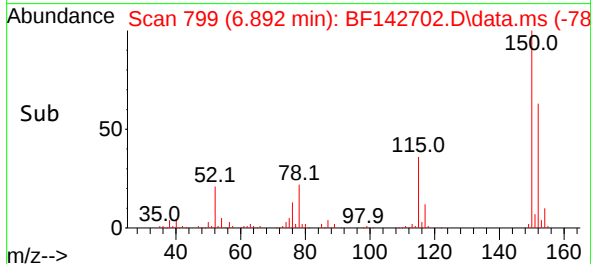
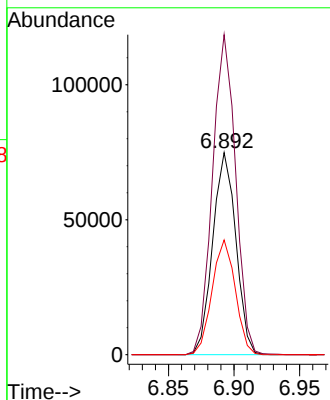
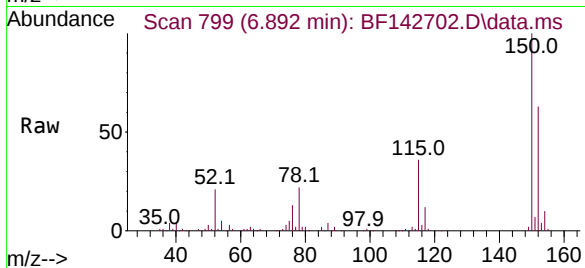




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: BF142702.D
 Acq: 10 Jun 2025 10:08

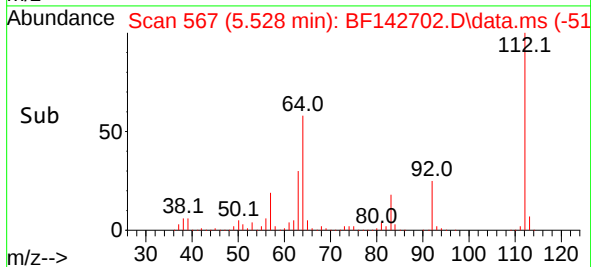
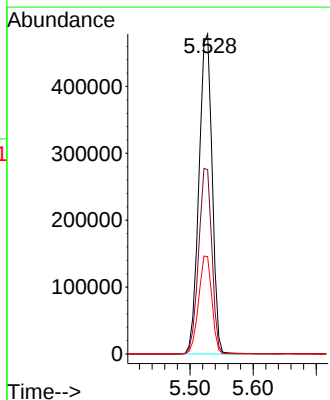
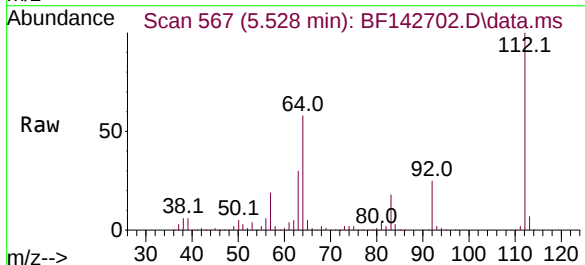
Instrument :
 BNA_F
 ClientSampleId :
 PB168351BL

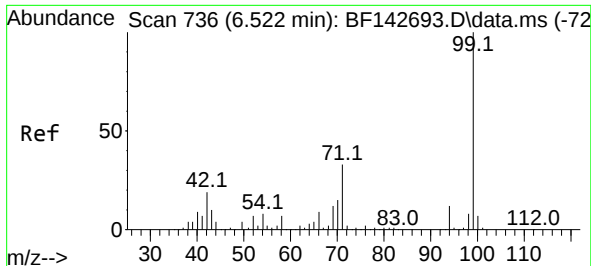
Tgt Ion:152 Resp: 92057
 Ion Ratio Lower Upper
 152 100
 150 158.3 126.8 190.2
 115 56.8 46.8 70.2



#5
 2-Fluorophenol
 Concen: 128.082 ng
 RT: 5.528 min Scan# 567
 Delta R.T. 0.012 min
 Lab File: BF142702.D
 Acq: 10 Jun 2025 10:08

Tgt Ion:112 Resp: 694414
 Ion Ratio Lower Upper
 112 100
 64 57.6 46.9 70.3
 63 30.4 24.3 36.5

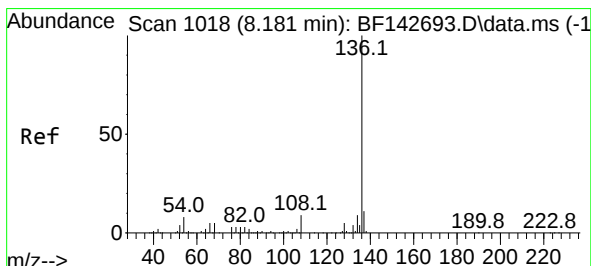
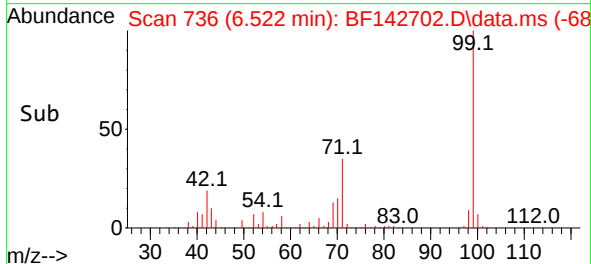
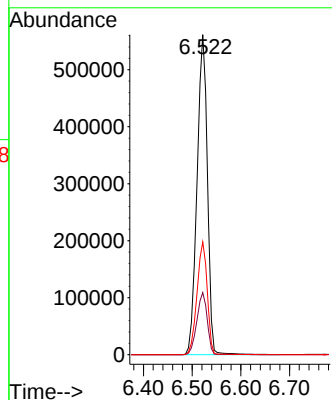
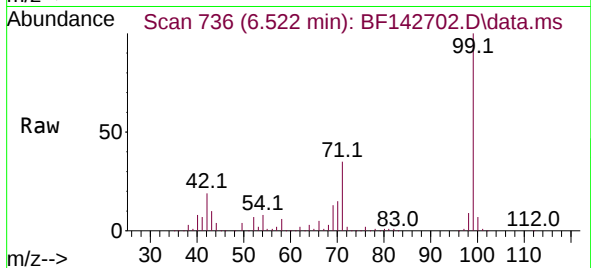




#7
Phenol-d6
Concen: 131.356 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142702.D
Acq: 10 Jun 2025 10:08

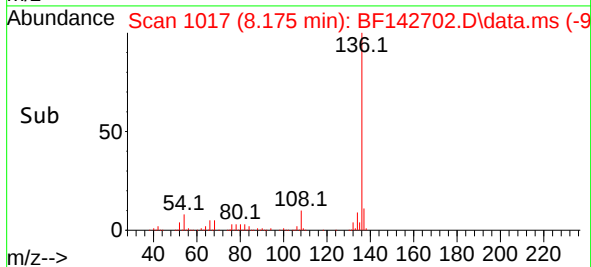
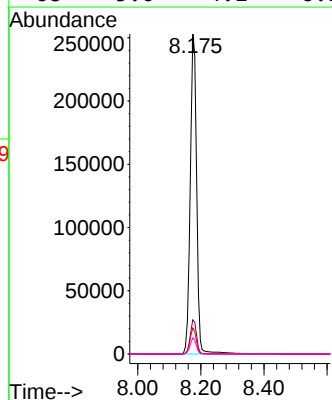
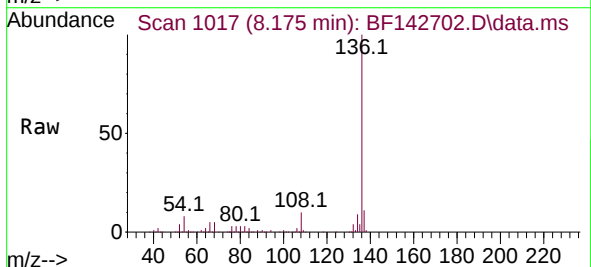
Instrument :
BNA_F
ClientSampleId :
PB168351BL

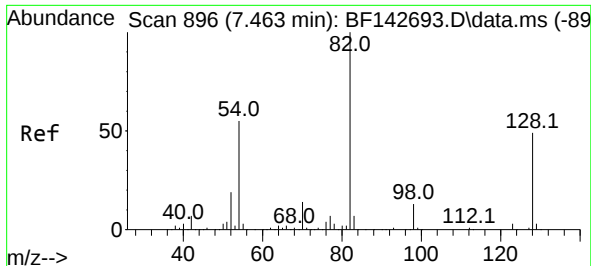
Tgt Ion: 99 Resp: 835164
Ion Ratio Lower Upper
99 100
42 19.4 15.3 22.9
71 35.3 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF142702.D
Acq: 10 Jun 2025 10:08

Tgt Ion: 136 Resp: 355567
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.1 6.4 9.6
68 5.0 4.1 6.1





#23

Nitrobenzene-d5

Concen: 80.500 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF142702.D

Acq: 10 Jun 2025 10:08

Instrument :

BNA_F

ClientSampleId :

PB168351BL

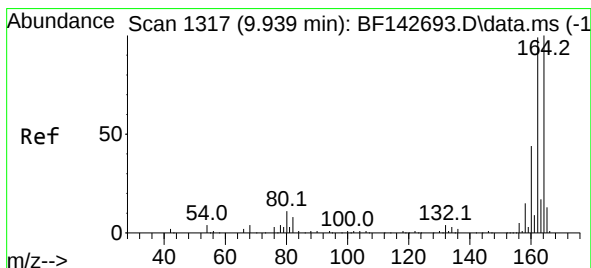
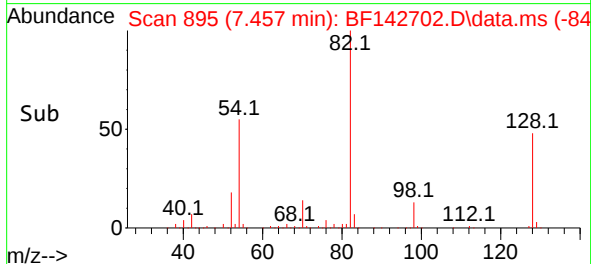
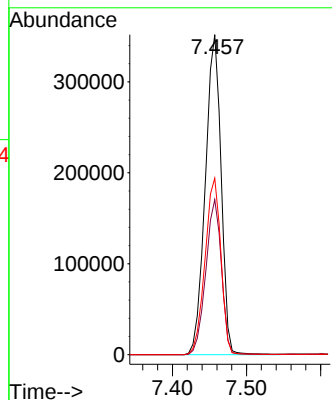
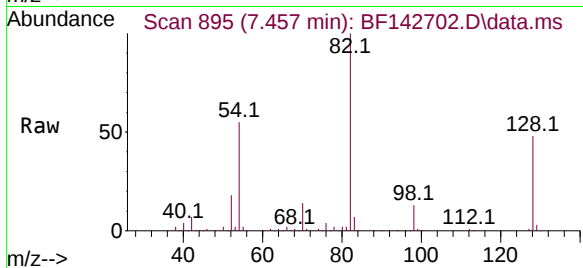
Tgt Ion: 82 Resp: 520830

Ion Ratio Lower Upper

82 100

128 48.5 39.3 58.9

54 55.1 44.2 66.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF142702.D

Acq: 10 Jun 2025 10:08

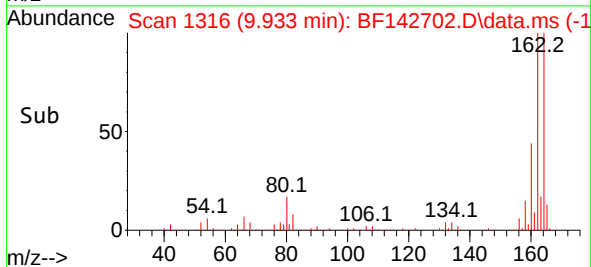
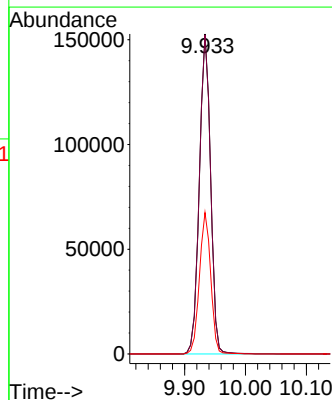
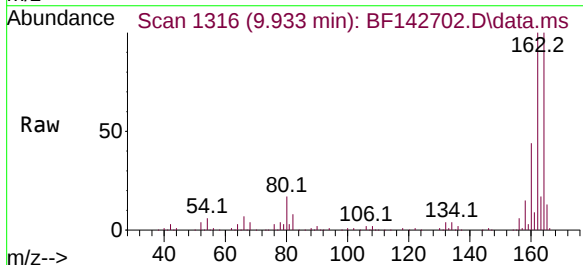
Tgt Ion:164 Resp: 195730

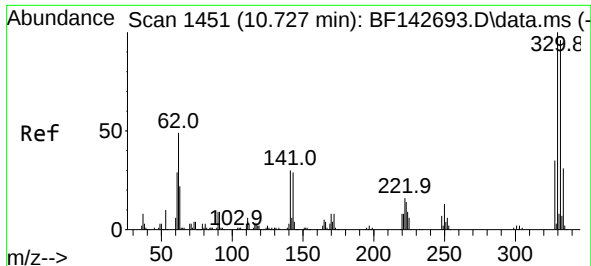
Ion Ratio Lower Upper

164 100

162 99.7 79.1 118.7

160 44.2 35.4 53.0

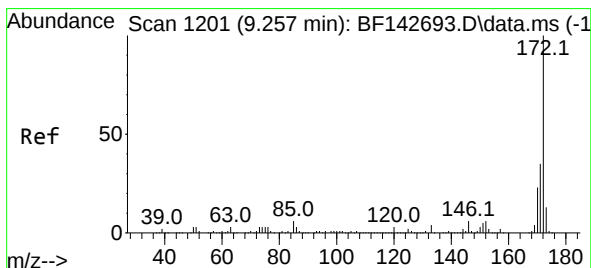
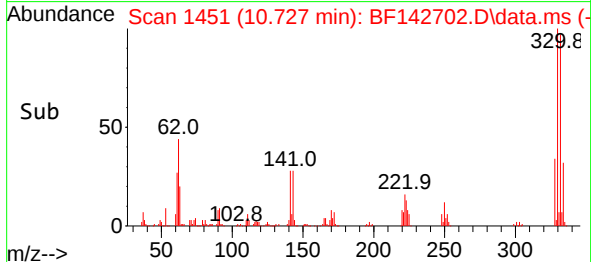
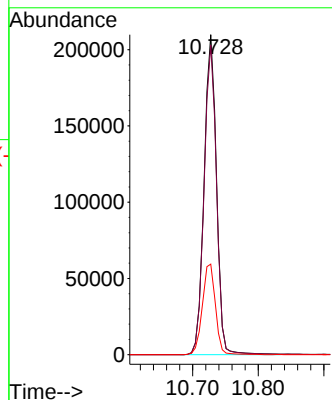
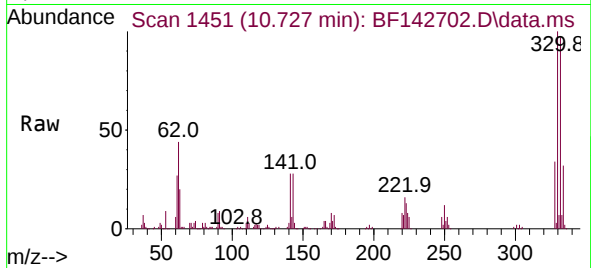




#42
2,4,6-Tribromophenol
Concen: 125.781 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142702.D
Acq: 10 Jun 2025 10:08

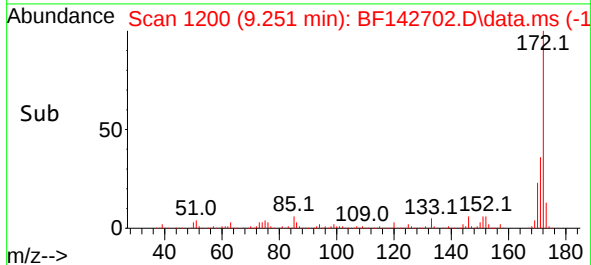
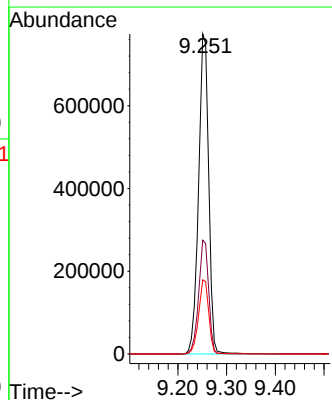
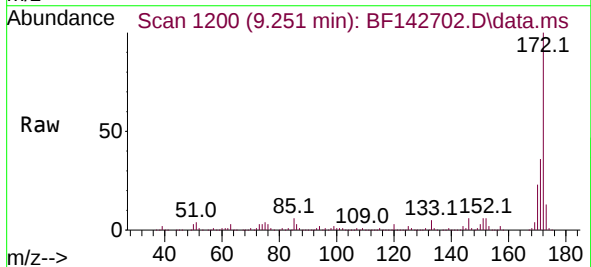
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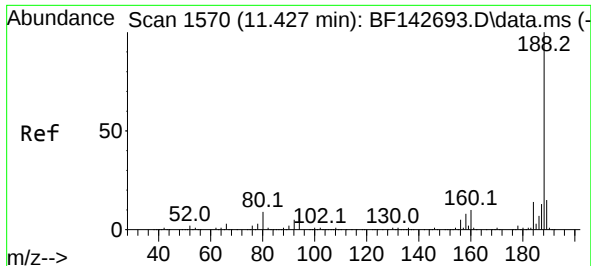
Tgt Ion:330 Resp: 276598
Ion Ratio Lower Upper
330 100
332 97.4 77.1 115.7
141 29.8 23.5 35.3



#45
2-Fluorobiphenyl
Concen: 78.462 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF142702.D
Acq: 10 Jun 2025 10:08

Tgt Ion:172 Resp: 1122973
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.2 18.7 28.1

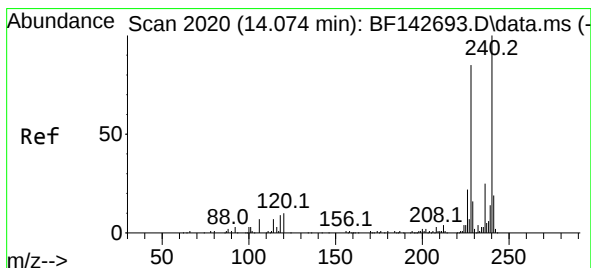
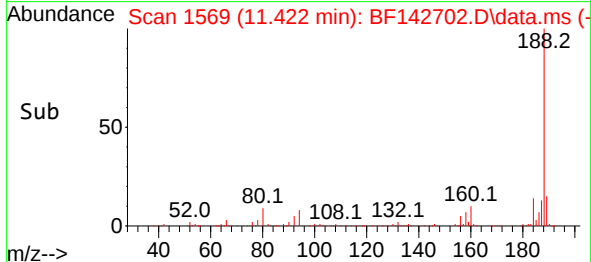
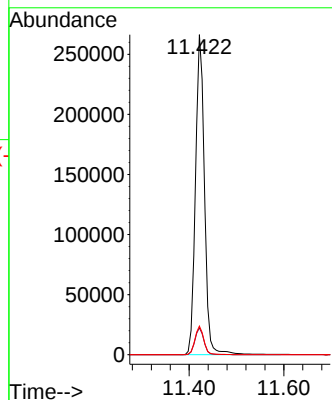
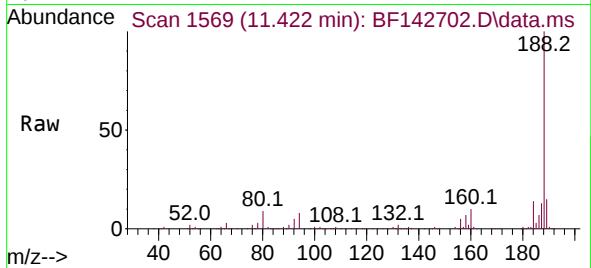




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142702.D
Acq: 10 Jun 2025 10:08

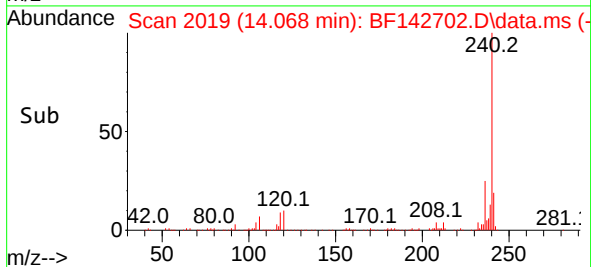
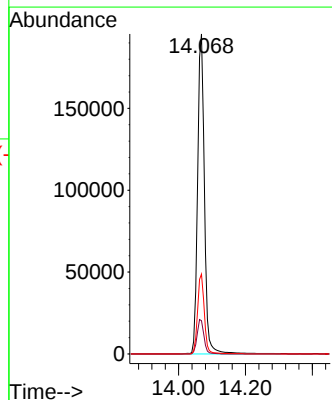
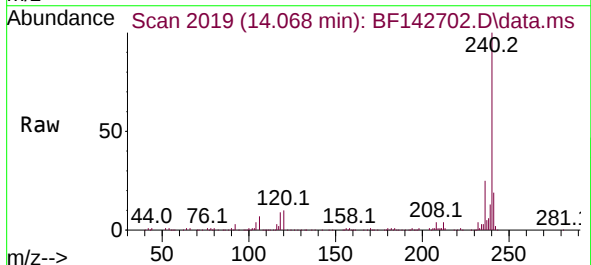
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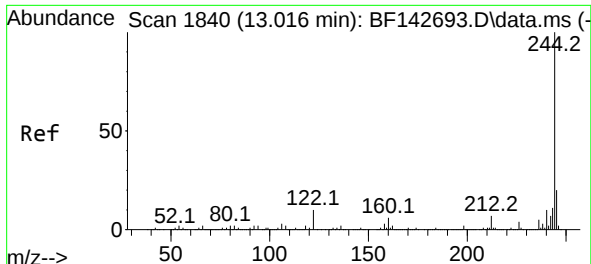
Tgt Ion:188 Resp: 351690
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.4
80 8.9 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142702.D
Acq: 10 Jun 2025 10:08

Tgt Ion:240 Resp: 279030
Ion Ratio Lower Upper
240 100
120 10.4 8.4 12.6
236 24.9 20.2 30.2

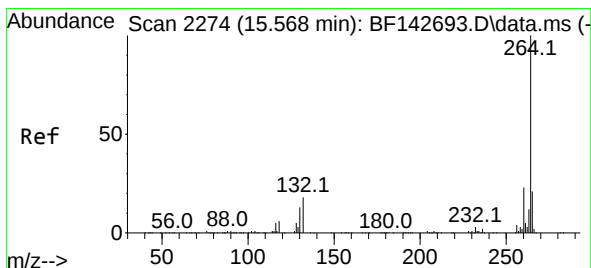
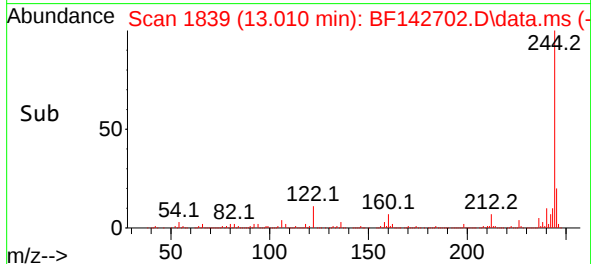
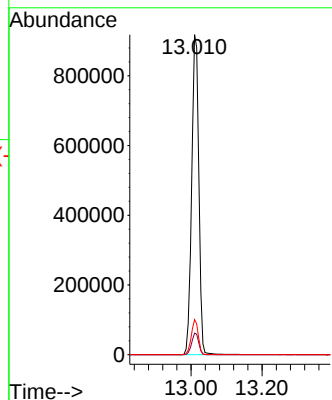
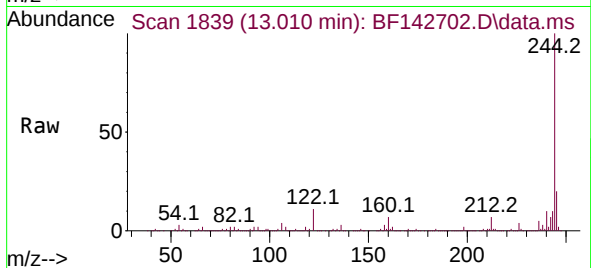




#79
 Terphenyl-d14
 Concen: 72.359 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF142702.D
 Acq: 10 Jun 2025 10:08

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1276632
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.3 7.9
 122 11.0 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF142702.D
 Acq: 10 Jun 2025 10:08

Tgt Ion:264 Resp: 202587
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.5 27.7
 265 21.8 17.0 25.4

