

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
 Data File : BF142757.D
 Acq On : 12 Jun 2025 14:58
 Operator : RC/JU
 Sample : Q2176-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-56

Quant Time: Jun 12 15:23:36 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)

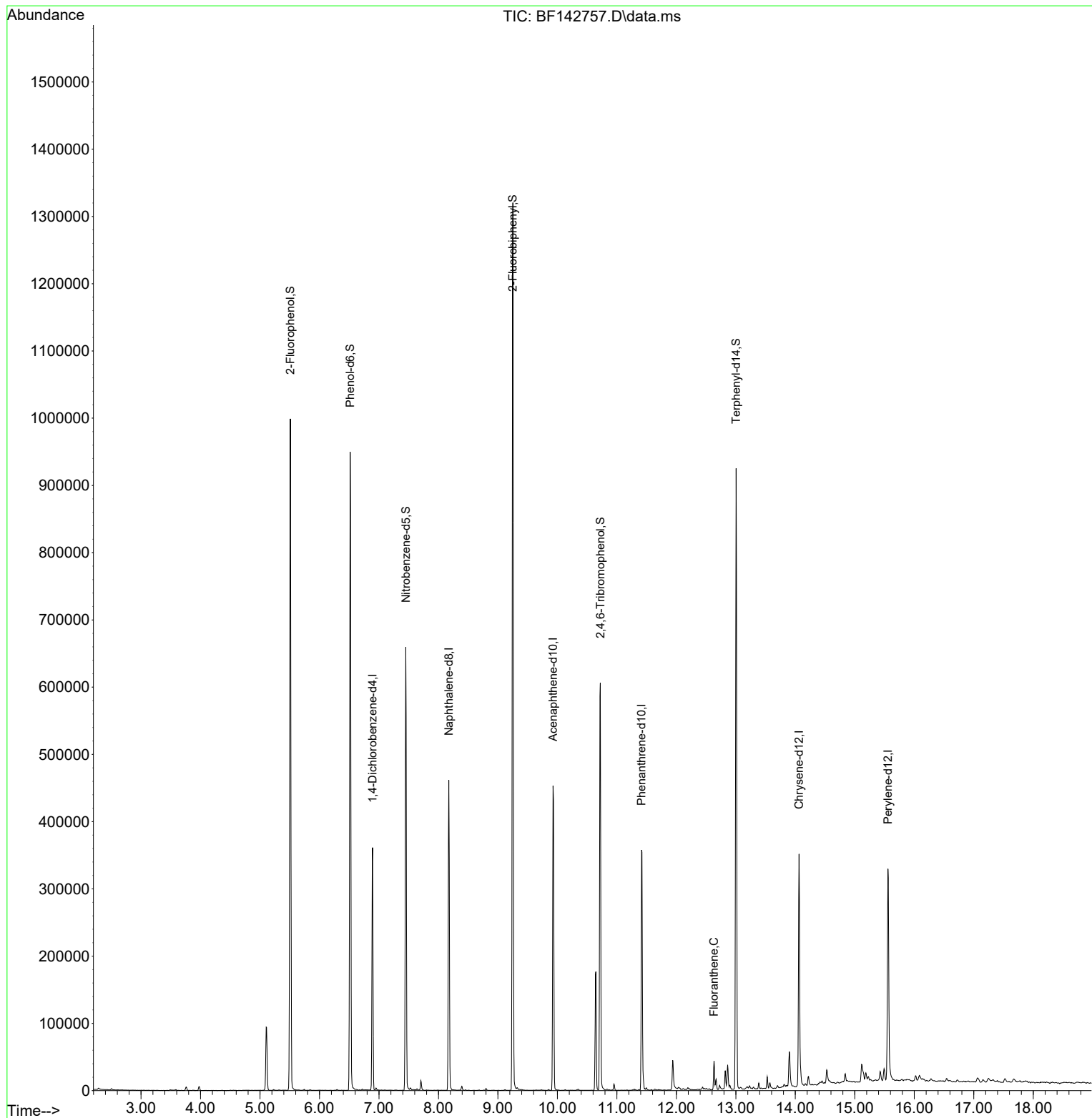
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	80751	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	294826	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	141230	20.000	ng	-0.01
64) Phenanthrene-d10	11.416	188	198627	20.000	ng	0.00
76) Chrysene-d12	14.063	240	163027	20.000	ng	0.00
86) Perylene-d12	15.557	264	189069	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	378394	79.808	ng	0.00
7) Phenol-d6	6.516	99	443079	79.408	ng	0.00
23) Nitrobenzene-d5	7.451	82	275911	51.217	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	107640	69.541	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	602258	56.655	ng	0.00
79) Terphenyl-d14	13.004	244	445566	37.537	ng	0.00
Target Compounds						
75) Fluoranthene	12.633	202	25268	2.497	ng	Qvalue 99

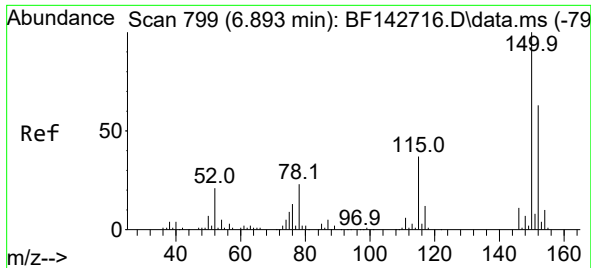
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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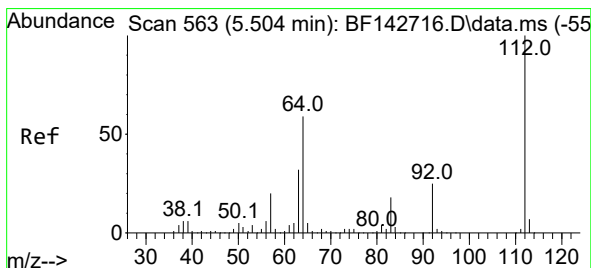
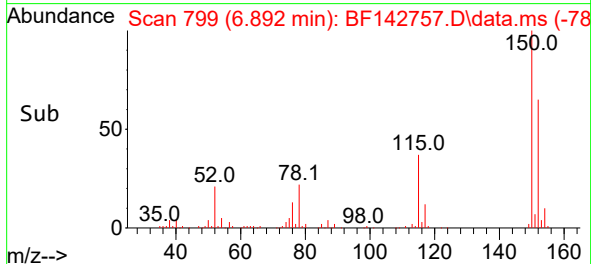
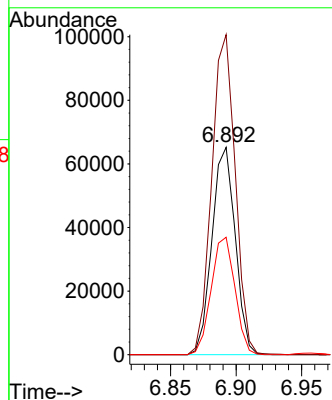
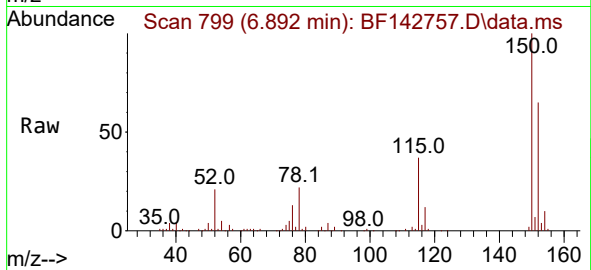




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 799
 Delta R.T. -0.001 min
 Lab File: BF142757.D
 Acq: 12 Jun 2025 14:58

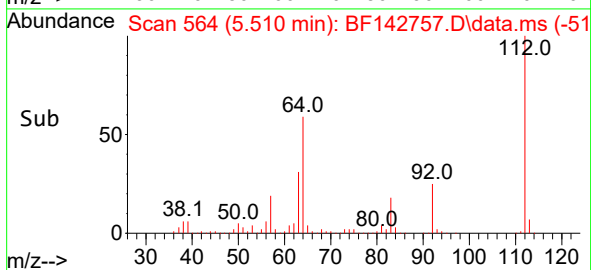
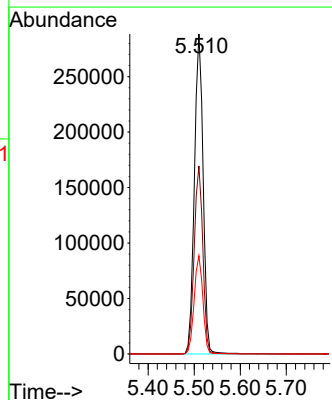
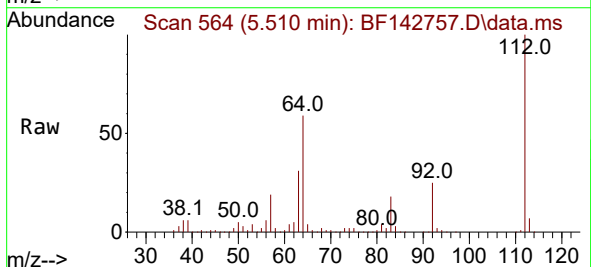
Instrument :
 BNA_F
 ClientSampleId :
 TP-56

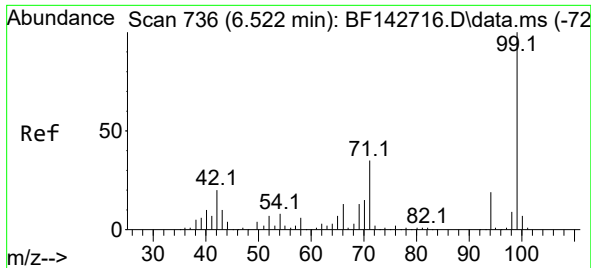
Tgt Ion:152 Resp: 80751
 Ion Ratio Lower Upper
 152 100
 150 154.3 126.9 190.3
 115 56.6 47.0 70.6



#5
 2-Fluorophenol
 Concen: 79.808 ng
 RT: 5.510 min Scan# 564
 Delta R.T. 0.006 min
 Lab File: BF142757.D
 Acq: 12 Jun 2025 14:58

Tgt Ion:112 Resp: 378394
 Ion Ratio Lower Upper
 112 100
 64 58.7 47.4 71.2
 63 30.7 25.4 38.0

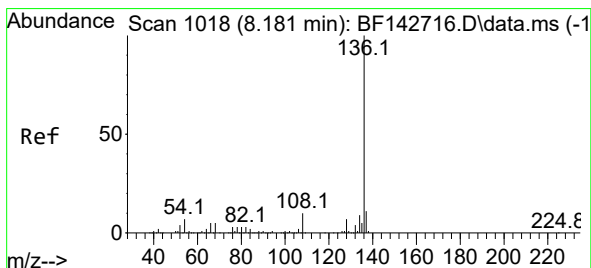
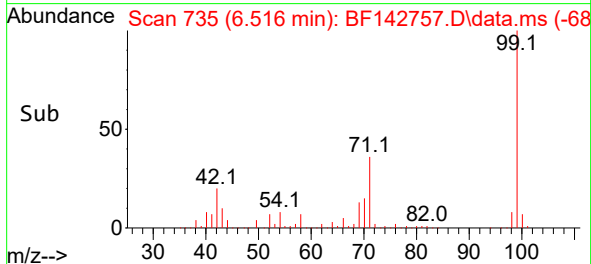
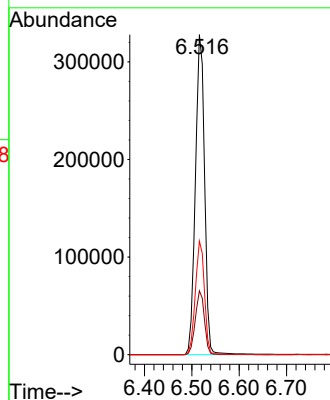
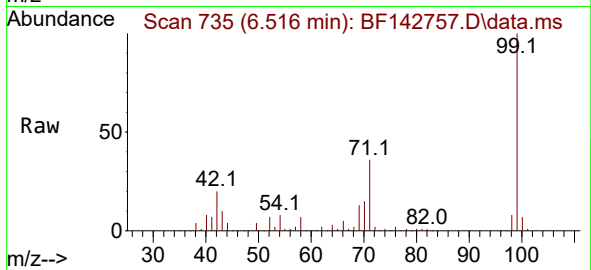




#7
Phenol-d6
Concen: 79.408 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142757.D
Acq: 12 Jun 2025 14:58

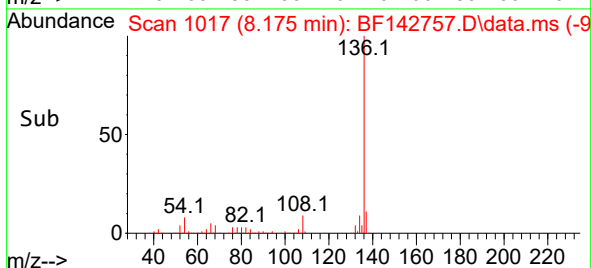
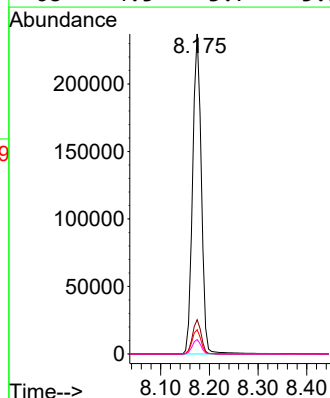
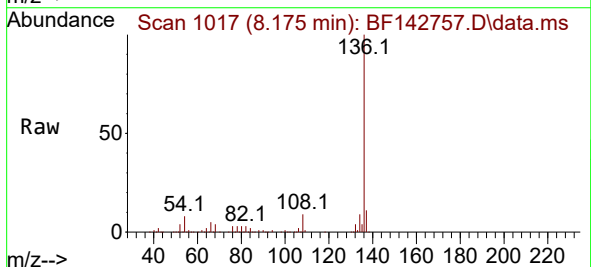
Instrument :
BNA_F
ClientSampleId :
TP-56

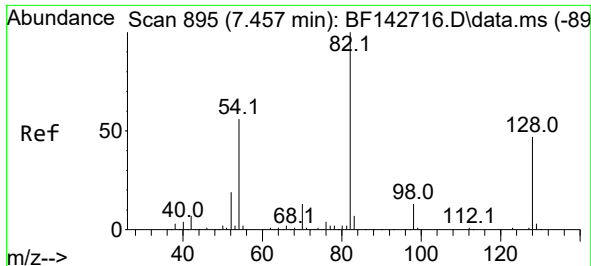
Tgt Ion: 99 Resp: 443079
Ion Ratio Lower Upper
99 100
42 20.0 15.9 23.9
71 35.5 28.0 42.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF142757.D
Acq: 12 Jun 2025 14:58

Tgt Ion: 136 Resp: 294826
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.6 5.9 8.9
68 4.5 3.7 5.5





#23

Nitrobenzene-d5

Concen: 51.217 ng

RT: 7.451 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142757.D

Acq: 12 Jun 2025 14:58

Instrument :

BNA_F

ClientSampleId :

TP-56

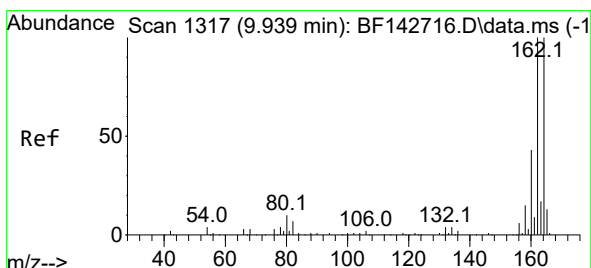
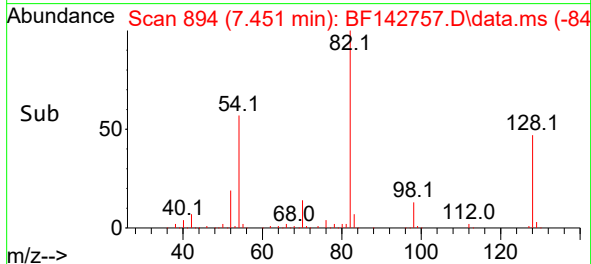
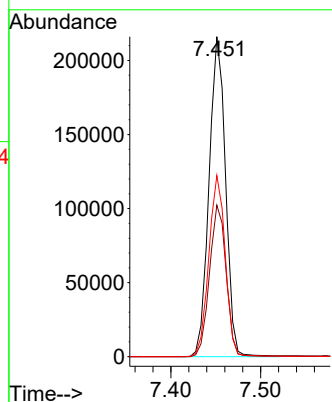
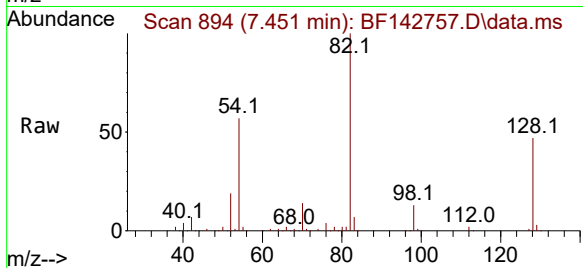
Tgt Ion: 82 Resp: 275911

Ion Ratio Lower Upper

82 100

128 47.4 37.8 56.8

54 56.6 44.9 67.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1315

Delta R.T. -0.012 min

Lab File: BF142757.D

Acq: 12 Jun 2025 14:58

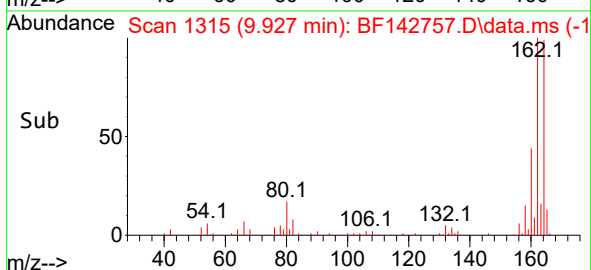
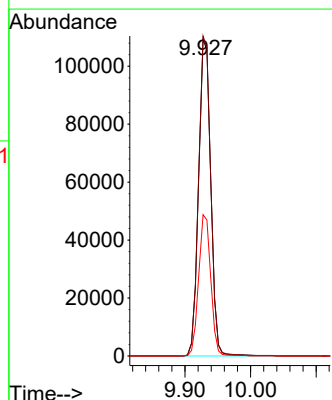
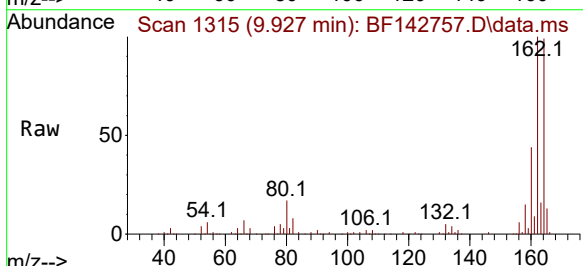
Tgt Ion:164 Resp: 141230

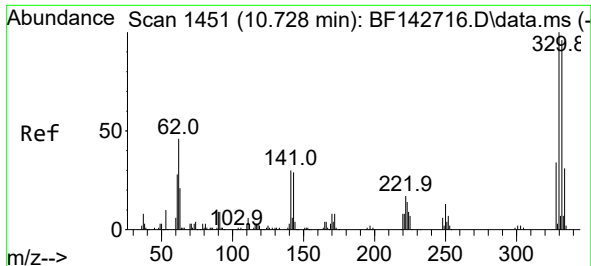
Ion Ratio Lower Upper

164 100

162 101.1 79.9 119.9

160 44.7 34.8 52.2

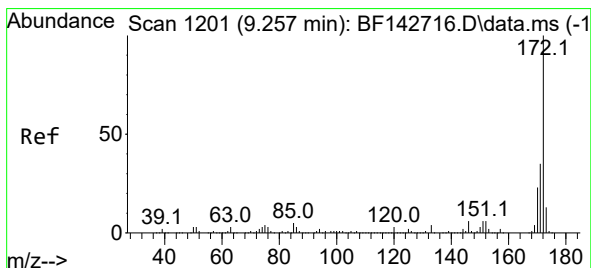
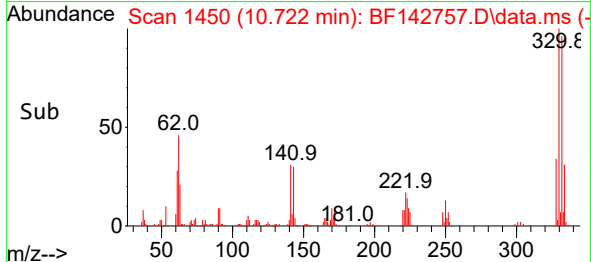
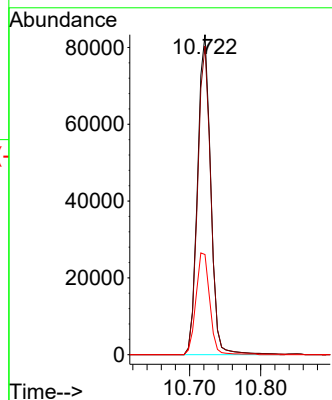
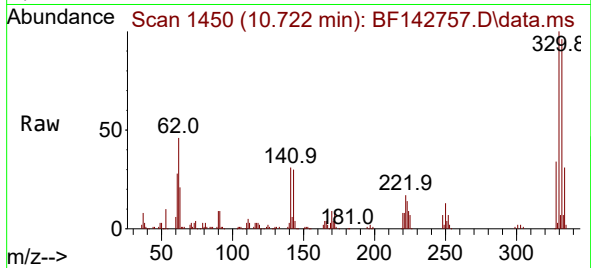




#42
2,4,6-Tribromophenol
Concen: 69.541 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF142757.D
Acq: 12 Jun 2025 14:58

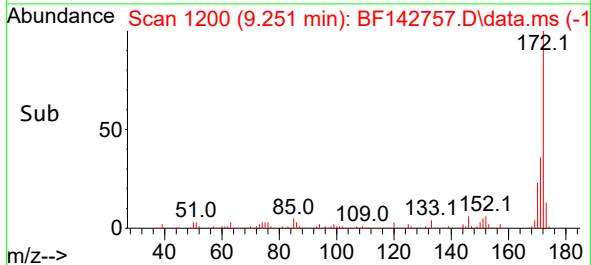
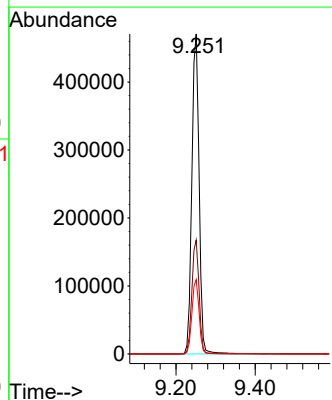
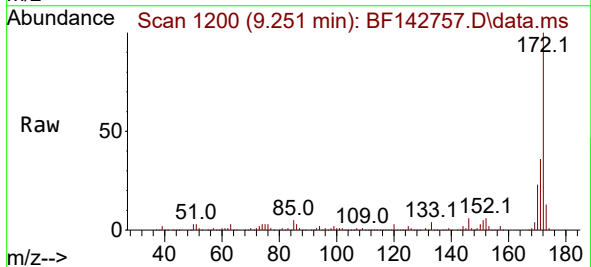
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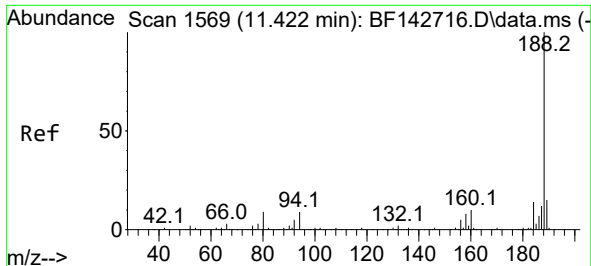
Tgt Ion:330 Resp: 107640
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 33.2 25.4 38.0



#45
2-Fluorobiphenyl
Concen: 56.655 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF142757.D
Acq: 12 Jun 2025 14:58

Tgt Ion:172 Resp: 602258
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 23.3 18.6 27.8

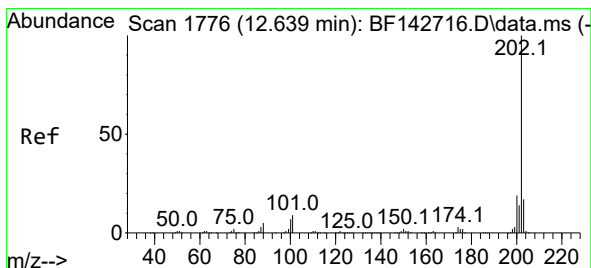
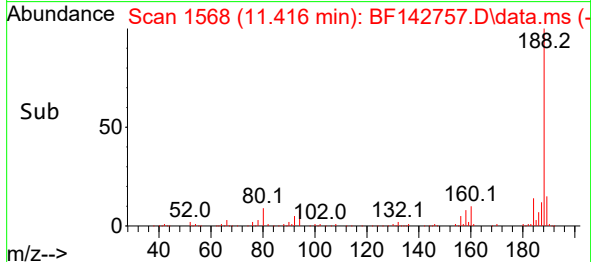
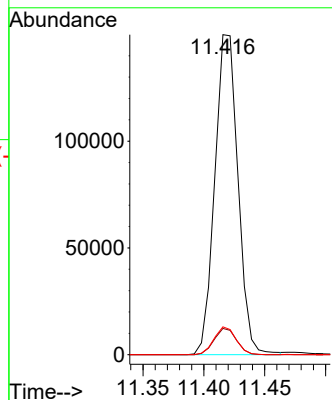
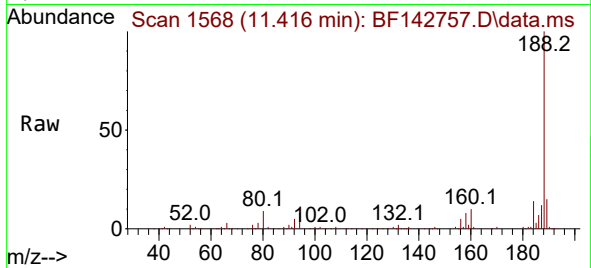




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142757.D
Acq: 12 Jun 2025 14:58

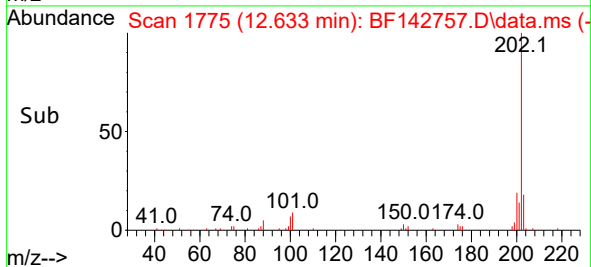
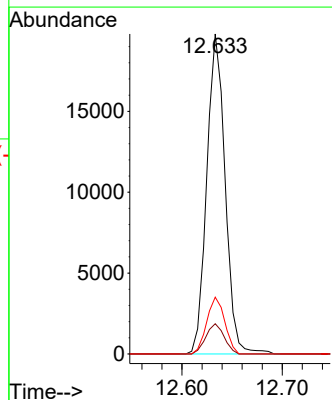
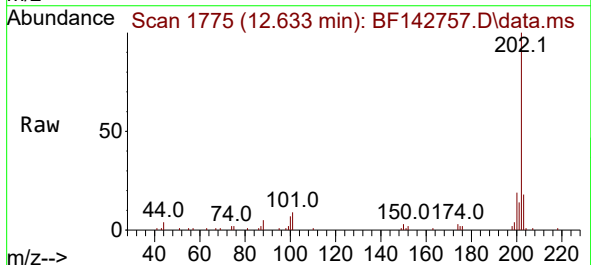
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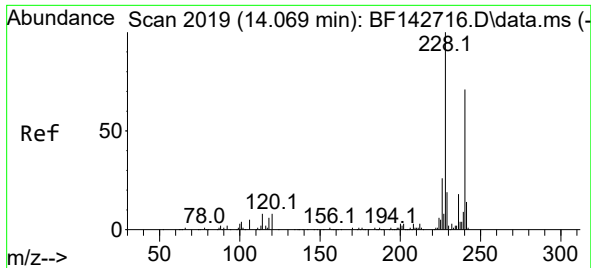
Tgt Ion:188 Resp: 198627
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 8.7 7.1 10.7



#75
Fluoranthene
Concen: 2.497 ng
RT: 12.633 min Scan# 1775
Delta R.T. -0.006 min
Lab File: BF142757.D
Acq: 12 Jun 2025 14:58

Tgt Ion:202 Resp: 25268
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.5
203 17.8 0.0 37.0

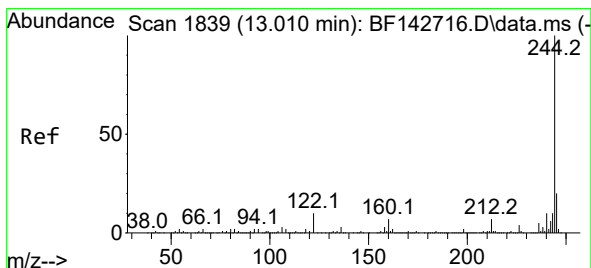
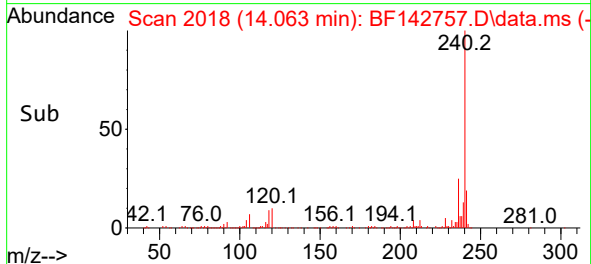
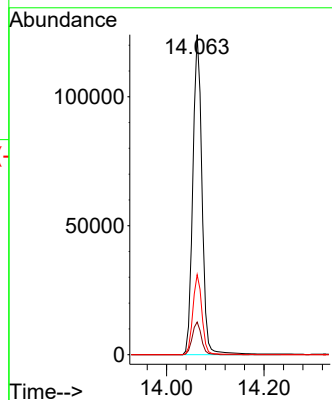
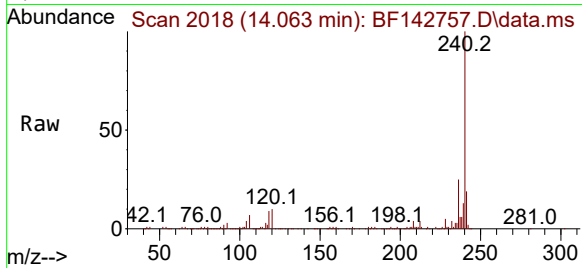




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142757.D
Acq: 12 Jun 2025 14:58

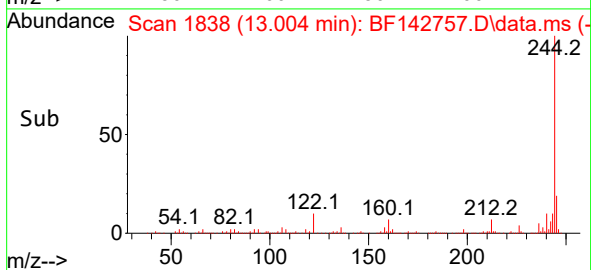
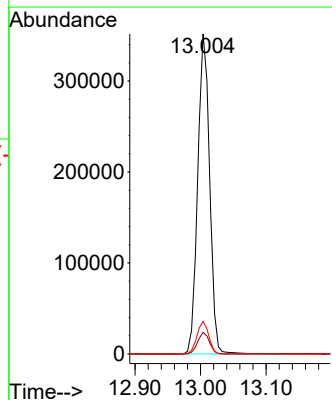
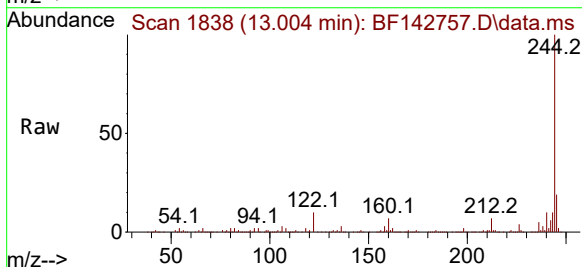
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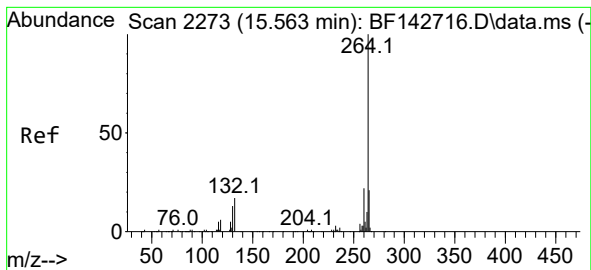
Tgt Ion:240 Resp: 163027
Ion Ratio Lower Upper
240 100
120 10.2 8.5 12.7
236 25.0 20.1 30.1



#79
Terphenyl-d14
Concen: 37.537 ng
RT: 13.004 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF142757.D
Acq: 12 Jun 2025 14:58

Tgt Ion:244 Resp: 445566
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 10.2 8.3 12.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142757.D
Acq: 12 Jun 2025 14:58

Instrument :
BNA_F
ClientSampleId :
TP-56

Tgt Ion:264 Resp: 189069

Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.8	26.6
265	21.3	16.6	25.0

