

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061825\
 Data File : BF142784.D
 Acq On : 18 Jun 2025 18:33
 Operator : RC/JU
 Sample : Q2341-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9

Quant Time: Jun 19 02:13:28 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)

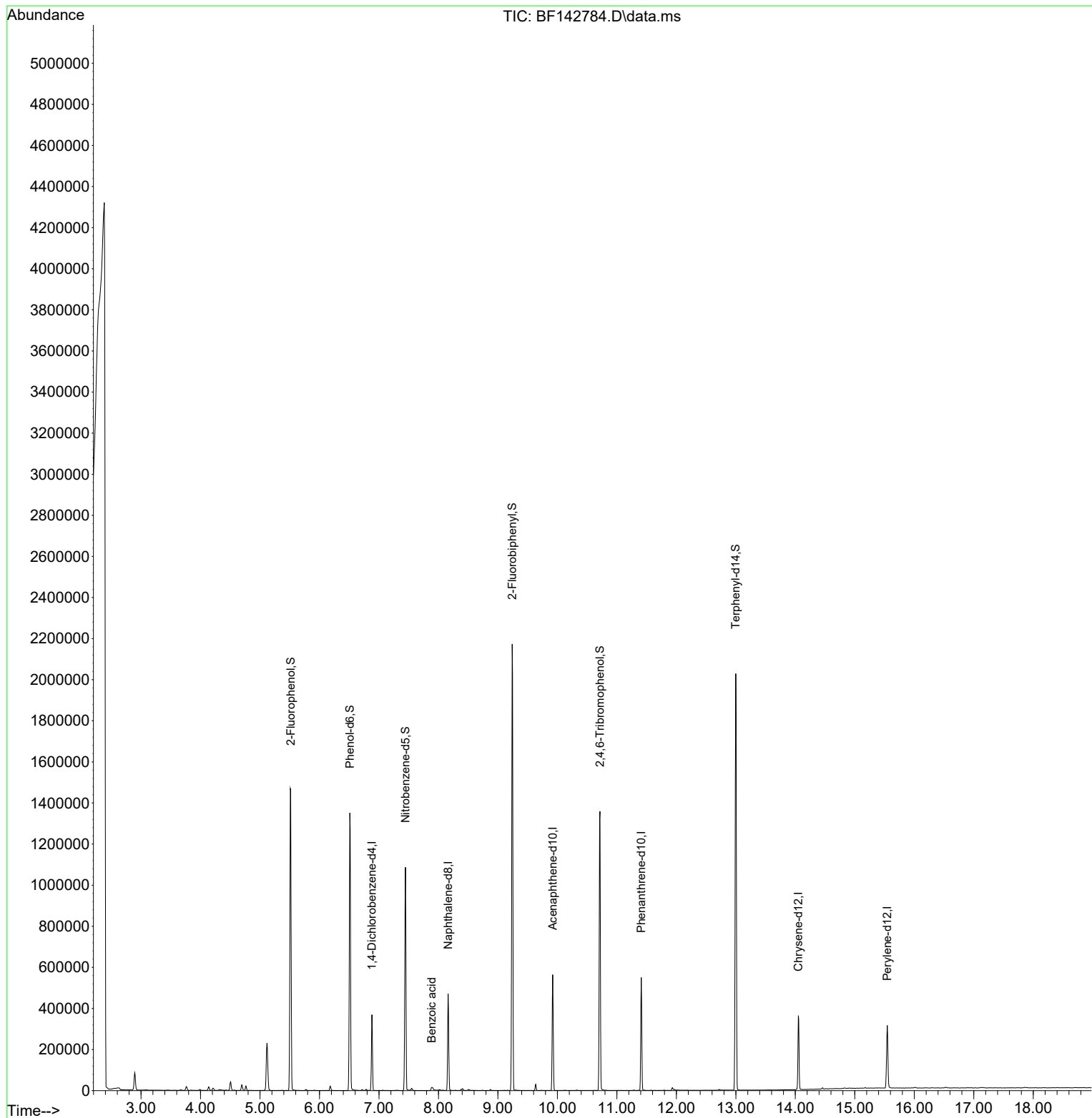
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	78932	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	302624	20.000	ng	-0.02
39) Acenaphthene-d10	9.922	164	168043	20.000	ng	-0.02
64) Phenanthrene-d10	11.410	188	284810	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	179982	20.000	ng	-0.02
86) Perylene-d12	15.545	264	181375	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	594918	128.368	ng	0.01
7) Phenol-d6	6.510	99	656029	120.282	ng	-0.01
23) Nitrobenzene-d5	7.445	82	483972	87.523	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	252841	137.285	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1017940	80.479	ng	-0.02
79) Terphenyl-d14	12.998	244	1009475	77.033	ng	-0.01
Target Compounds						
32) Benzoic acid	7.887	122	7326m	2.790	ng	Qvalue

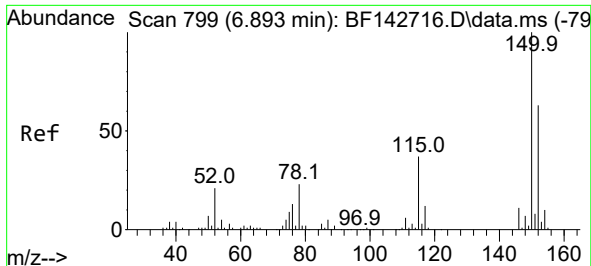
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
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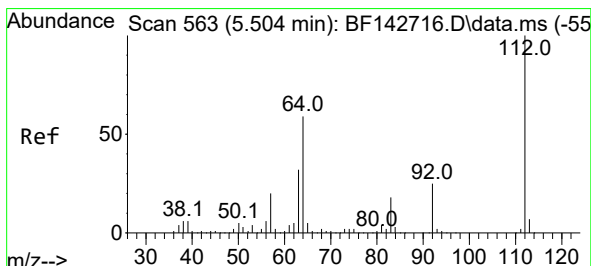
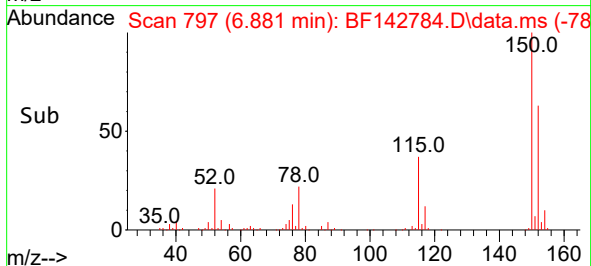
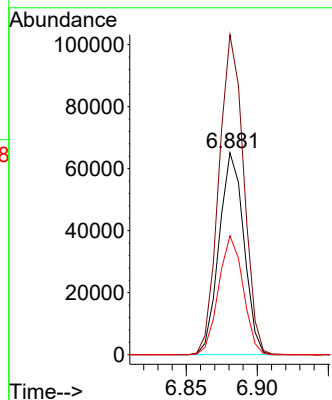
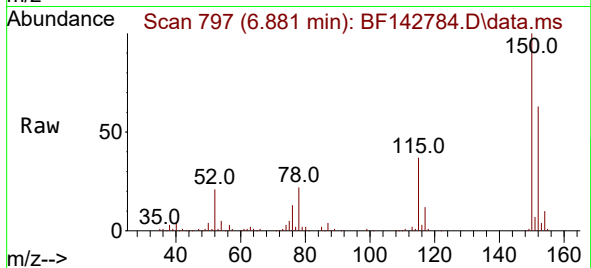




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 799
Delta R.T. -0.012 min
Lab File: BF142784.D
Acq: 18 Jun 2025 18:33

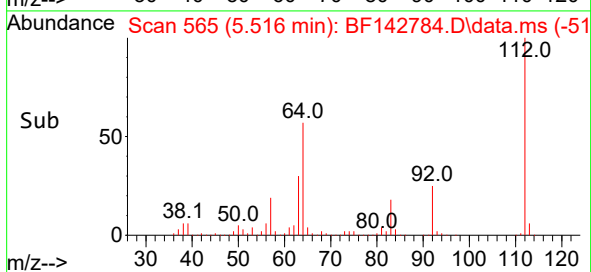
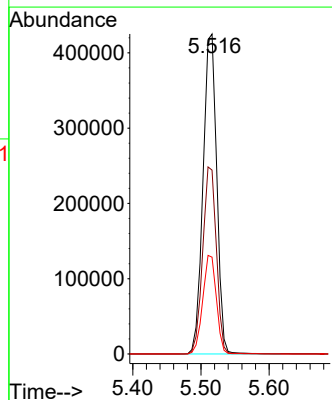
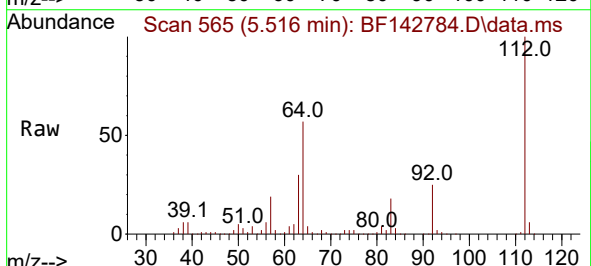
Instrument :
BNA_F
ClientSampleId :
TP-9

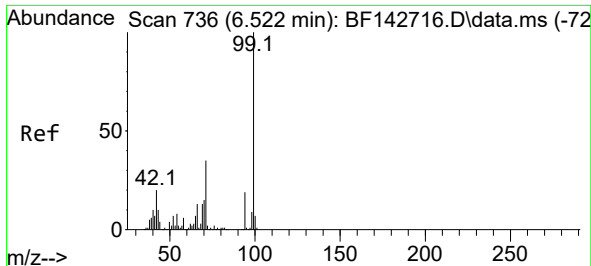
Tgt Ion:152 Resp: 78932
Ion Ratio Lower Upper
152 100
150 158.5 126.9 190.3
115 58.9 47.0 70.6



#5
2-Fluorophenol
Concen: 128.368 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.012 min
Lab File: BF142784.D
Acq: 18 Jun 2025 18:33

Tgt Ion:112 Resp: 594918
Ion Ratio Lower Upper
112 100
64 57.5 47.4 71.2
63 30.3 25.4 38.0

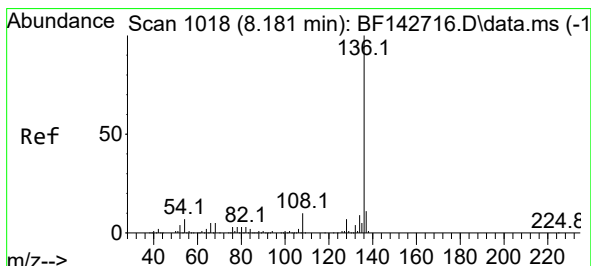
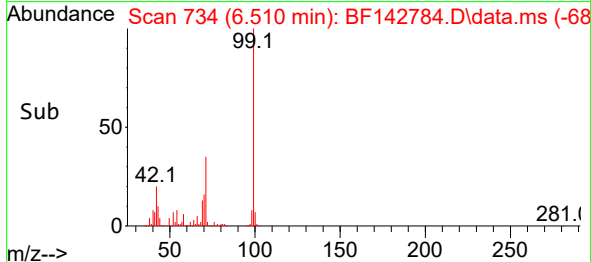
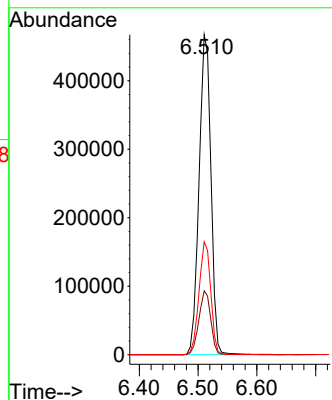
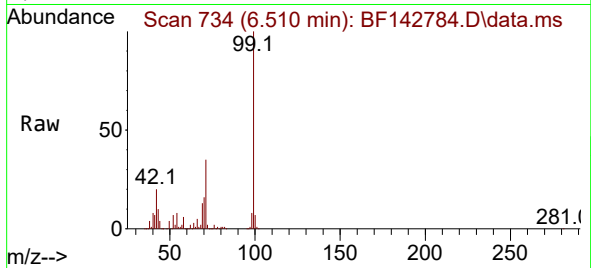




#7
Phenol-d6
Concen: 120.282 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142784.D
Acq: 18 Jun 2025 18:33

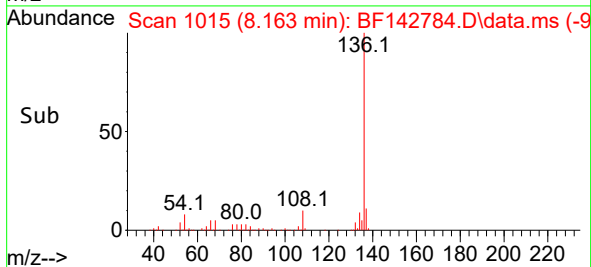
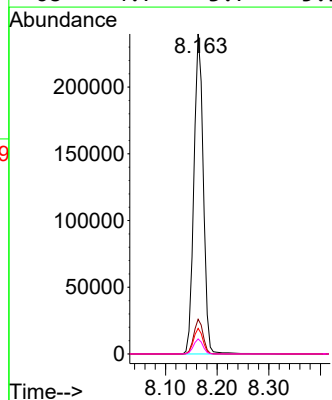
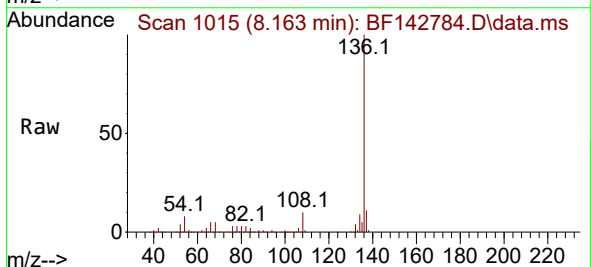
Instrument :
BNA_F
ClientSampleId :
TP-9

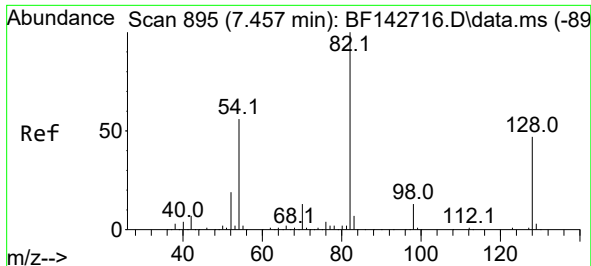
Tgt Ion: 99 Resp: 656029
Ion Ratio Lower Upper
99 100
42 19.9 15.9 23.9
71 35.3 28.0 42.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.018 min
Lab File: BF142784.D
Acq: 18 Jun 2025 18:33

Tgt Ion: 136 Resp: 302624
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.0 5.9 8.9
68 4.7 3.7 5.5





#23

Nitrobenzene-d5

Concen: 87.523 ng

RT: 7.445 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142784.D

Acq: 18 Jun 2025 18:33

Instrument :

BNA_F

ClientSampleId :

TP-9

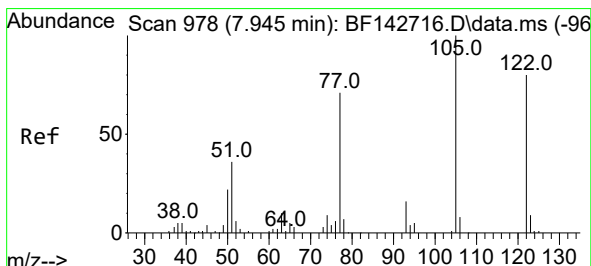
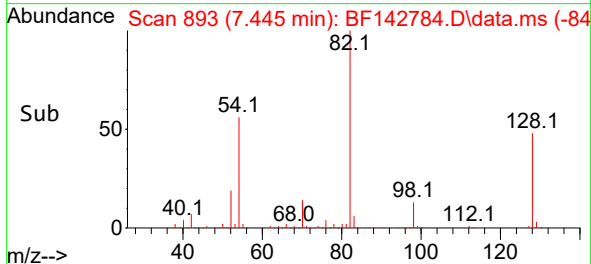
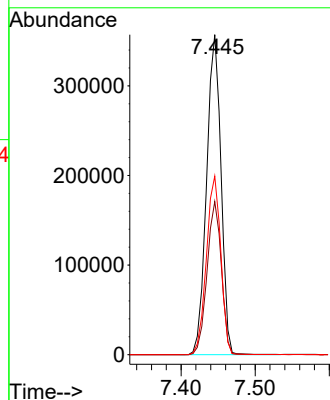
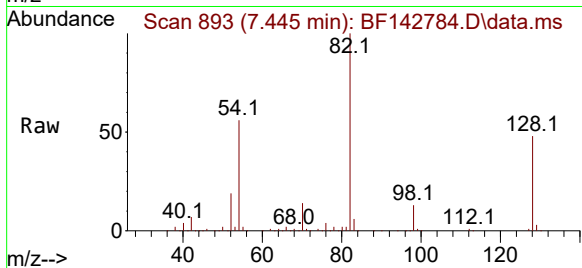
Tgt Ion: 82 Resp: 483972

Ion Ratio Lower Upper

82 100

128 47.9 37.8 56.8

54 55.8 44.9 67.3



#32

Benzoic acid

Concen: 2.790 ng m

RT: 7.887 min Scan# 968

Delta R.T. -0.059 min

Lab File: BF142784.D

Acq: 18 Jun 2025 18:33

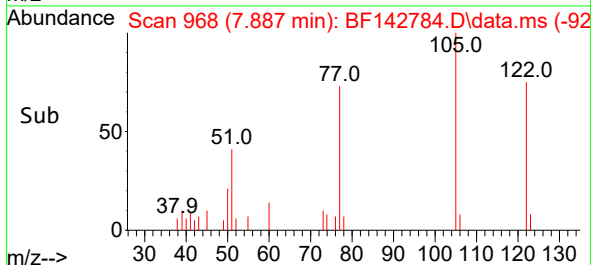
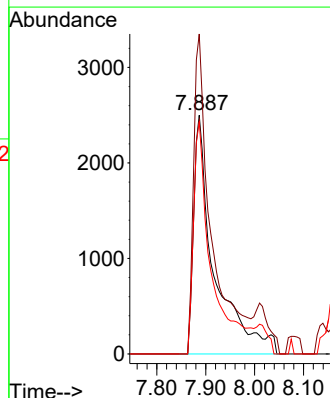
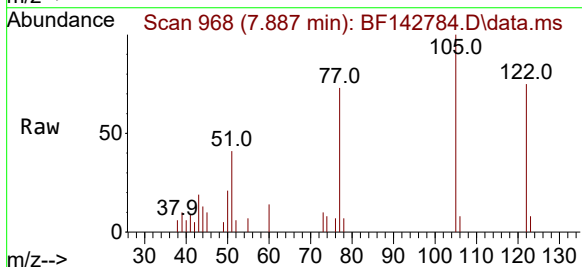
Tgt Ion:122 Resp: 7326

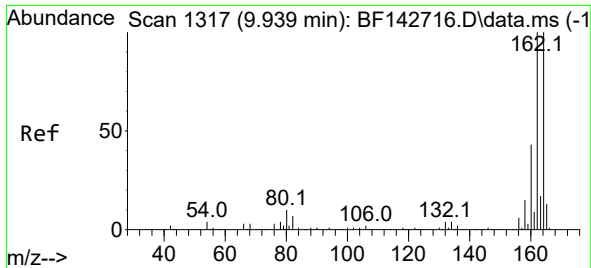
Ion Ratio Lower Upper

122 100

105 134.0 102.6 142.6

77 97.3 68.2 108.2

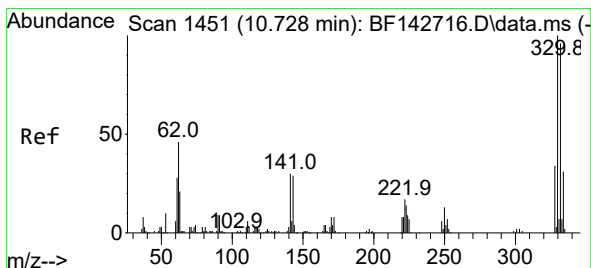
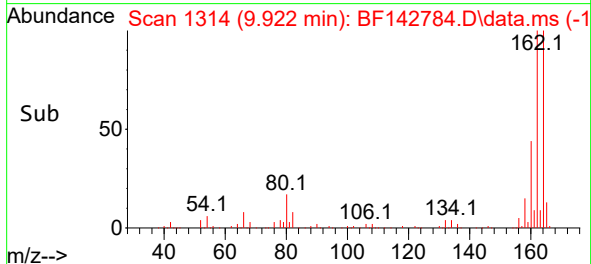
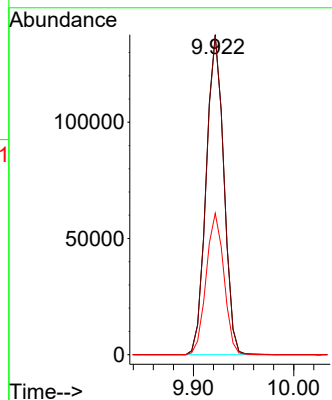
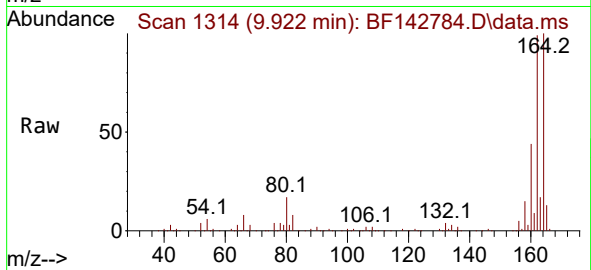




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF142784.D
Acq: 18 Jun 2025 18:33

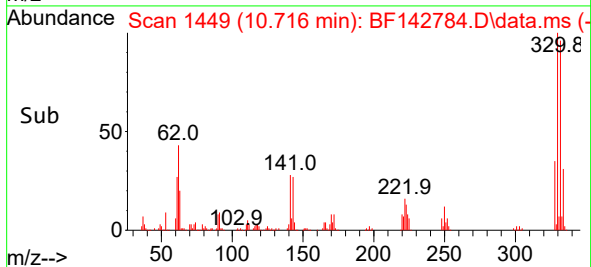
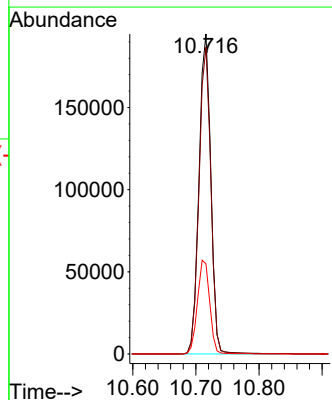
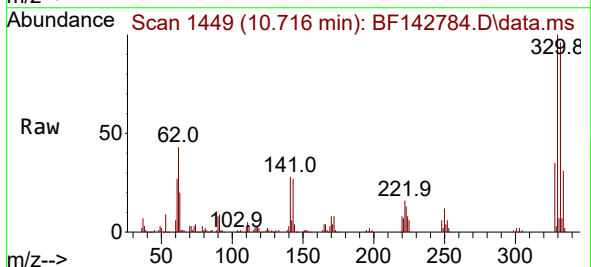
Instrument :
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TP-9

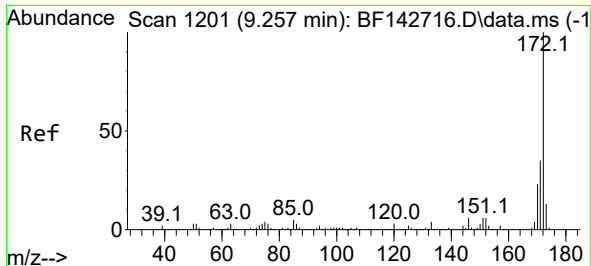
Tgt Ion:164 Resp: 168043
Ion Ratio Lower Upper
164 100
162 99.5 79.9 119.9
160 44.2 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 137.285 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF142784.D
Acq: 18 Jun 2025 18:33

Tgt Ion:330 Resp: 252841
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 30.2 25.4 38.0

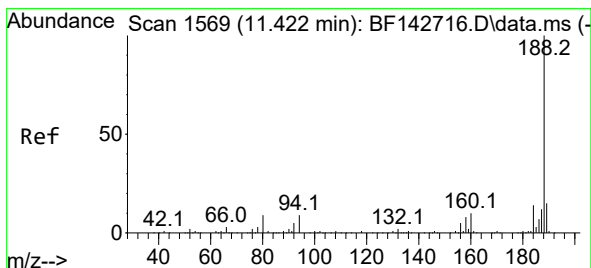
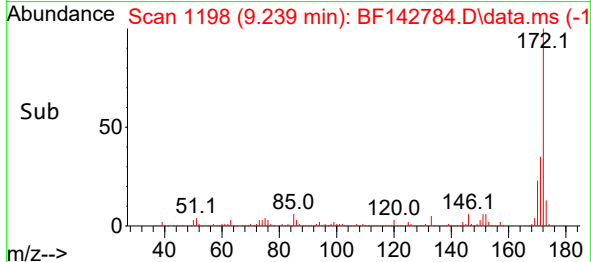
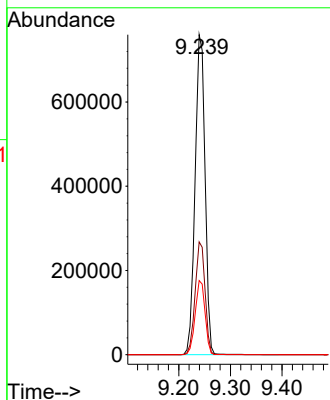
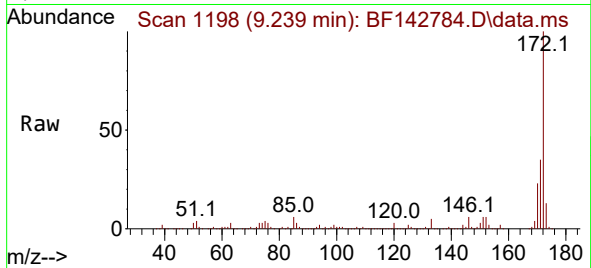




#45
2-Fluorobiphenyl
Concen: 80.479 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF142784.D
Acq: 18 Jun 2025 18:33

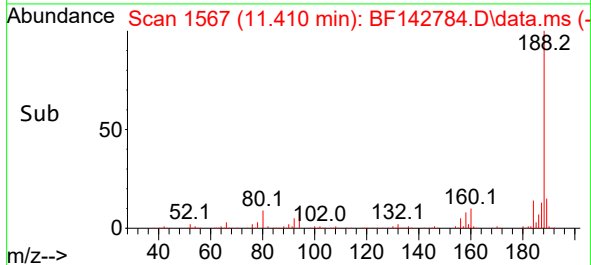
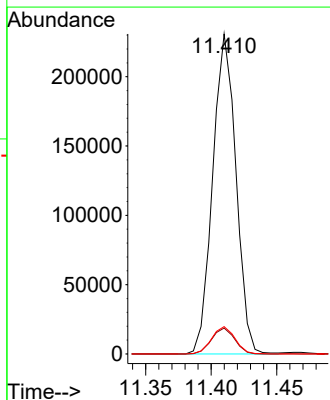
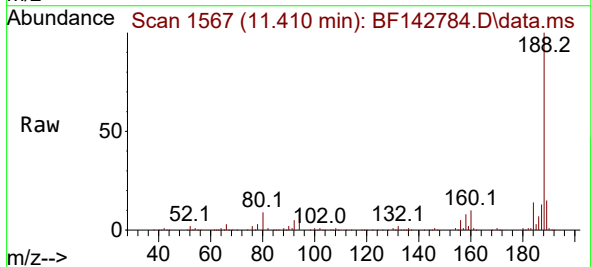
Instrument :
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TP-9

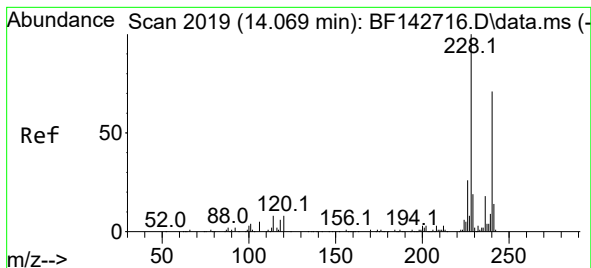
Tgt Ion:172 Resp: 1017940
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.1 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF142784.D
Acq: 18 Jun 2025 18:33

Tgt Ion:188 Resp: 284810
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 8.6 7.1 10.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF142784.D

Acq: 18 Jun 2025 18:33

Instrument :

BNA_F

ClientSampleId :

TP-9

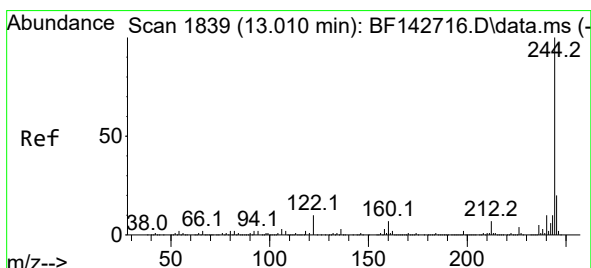
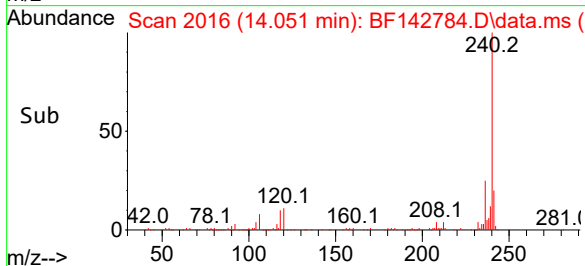
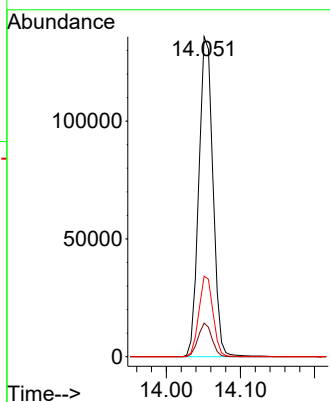
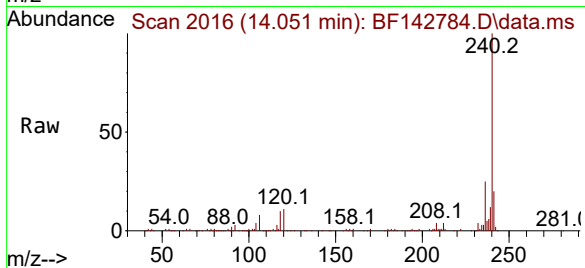
Tgt Ion:240 Resp: 179982

Ion Ratio Lower Upper

240 100

120 10.5 8.5 12.7

236 25.1 20.1 30.1



#79

Terphenyl-d14

Concen: 77.033 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.012 min

Lab File: BF142784.D

Acq: 18 Jun 2025 18:33

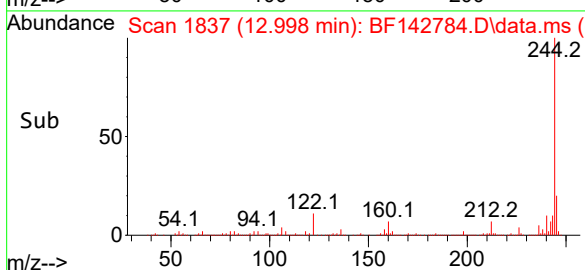
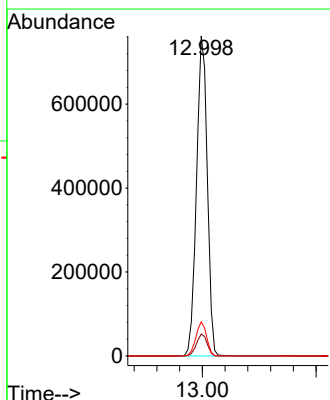
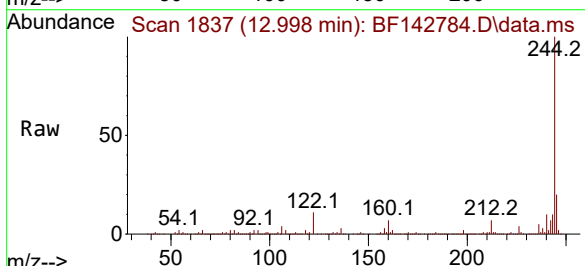
Tgt Ion:244 Resp: 1009475

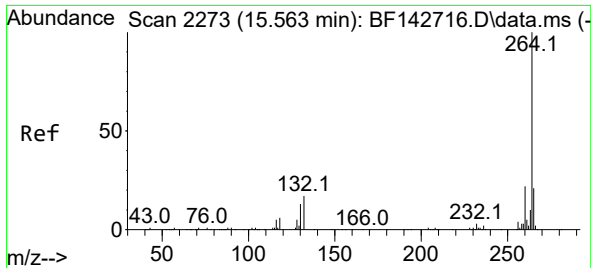
Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 10.6 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF142784.D
 Acq: 18 Jun 2025 18:33

Instrument :
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Tgt Ion:264 Resp: 181375
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.8 26.6
 265 21.9 16.6 25.0

