

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 :

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)

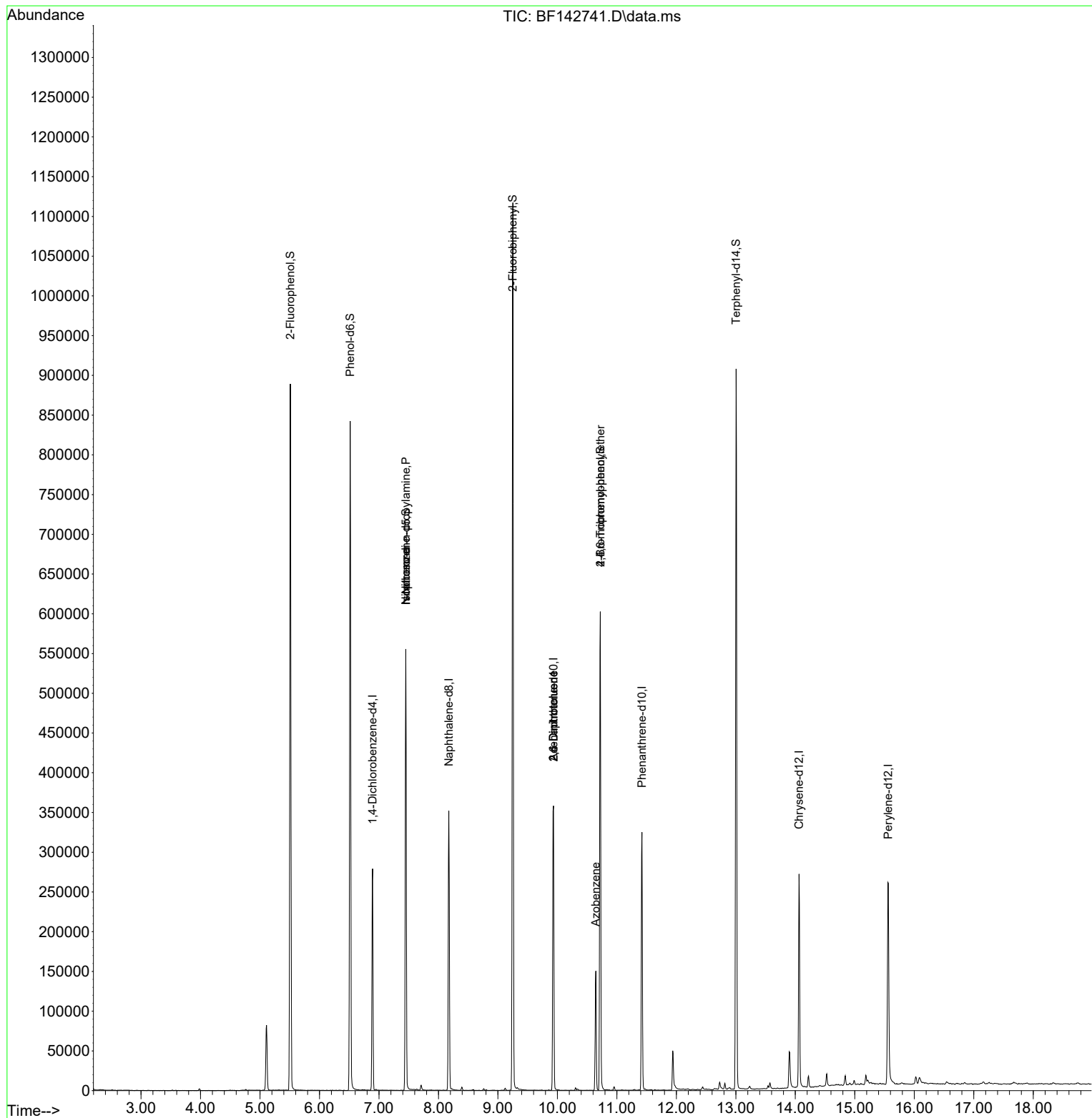
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	61760	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	227453	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	114878	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	176861	20.000	ng	0.00
76) Chrysene-d12	14.063	240	140173	20.000	ng	0.00
86) Perylene-d12	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
19) n-Nitroso-di-n-propyla...	7.451	70	31014	11.416	ng	# 77
25) Isophorone	7.451	82	228907	32.530	ng	# 63
51) 2,6-Dinitrotoluene	9.933	165	14562	8.783	ng	# 29
57) 2,4-Dinitrotoluene	9.933	165	14562	6.643	ng	# 27
63) Azobenzene	10.645	77	36597	5.509	ng	# 1
67) 4-Bromophenyl-phenylether	10.722	248	6497	3.112	ng	# 1

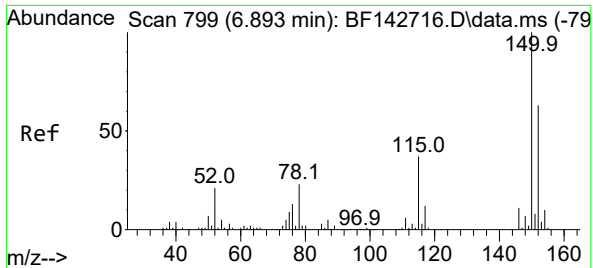
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 :

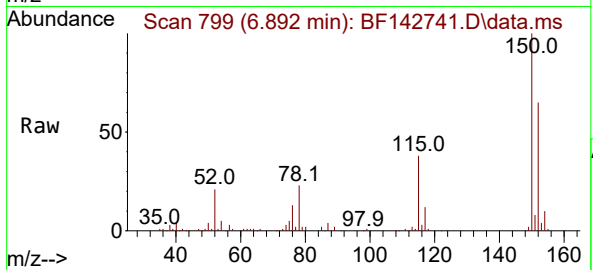
Quant Time: Jun 12 01:46:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration



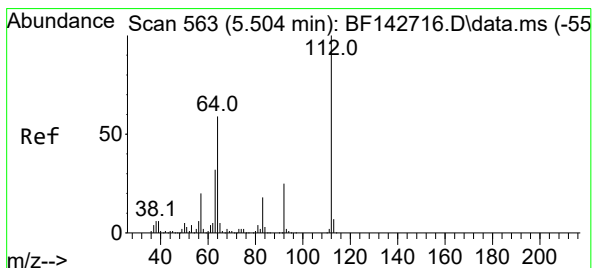
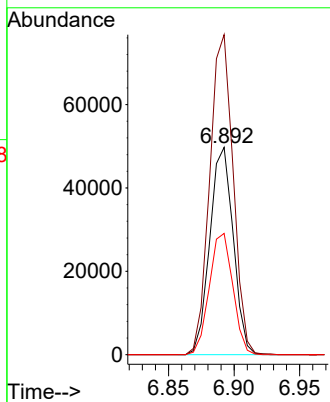
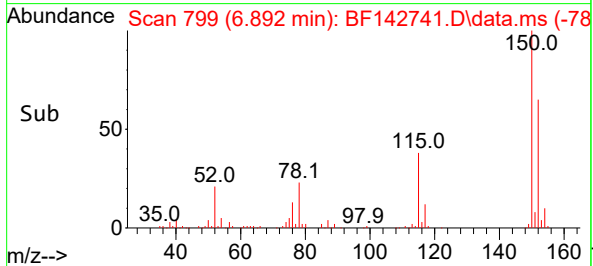


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.001 min
Lab File: BF142741.D
Acq: 11 Jun 2025 18:18

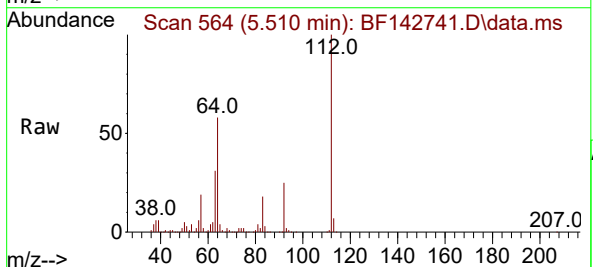
Instrument :
BNA_F
ClientSampleId :



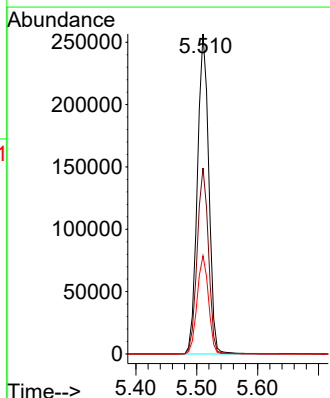
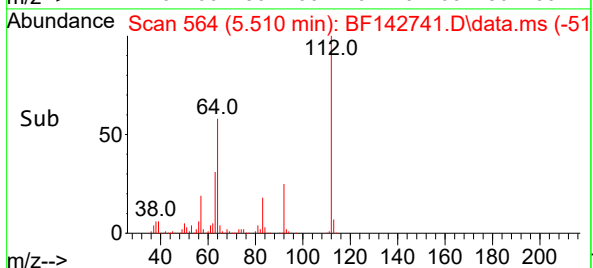
Tgt Ion:152 Resp: 61760
Ion Ratio Lower Upper
152 100
150 154.3 126.9 190.3
115 58.5 47.0 70.6

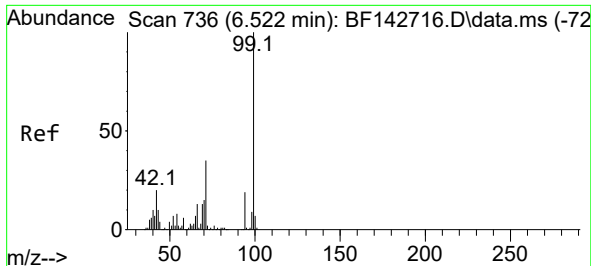


#5
2-Fluorophenol
Concen: 91.912 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF142741.D
Acq: 11 Jun 2025 18:18



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



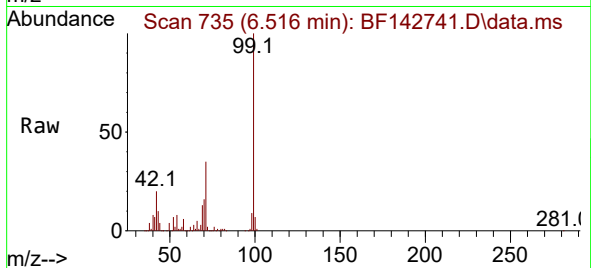


#7
Phenol-d6
Concen: 90.199 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142741.D
Acq: 11 Jun 2025 18:18

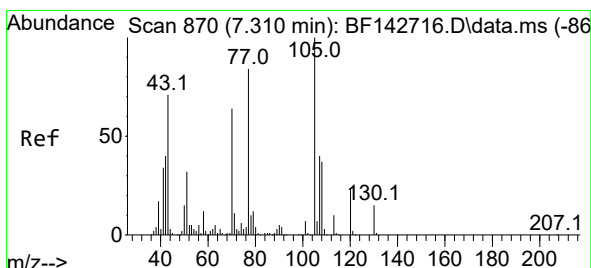
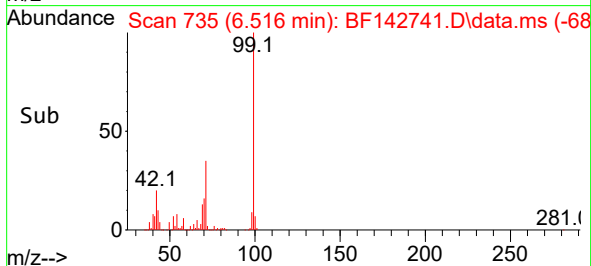
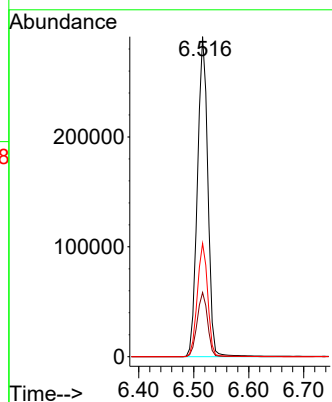
Instrument :

BNA_F

ClientSampleId :

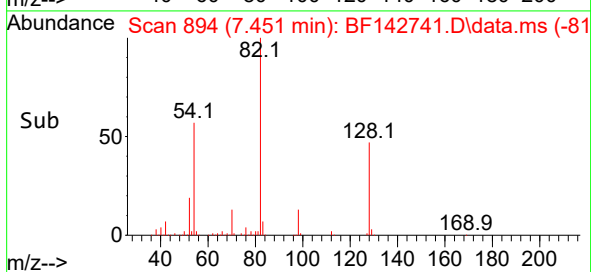
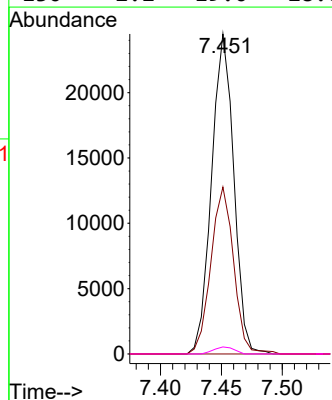
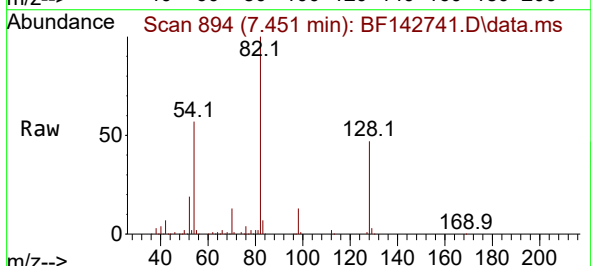


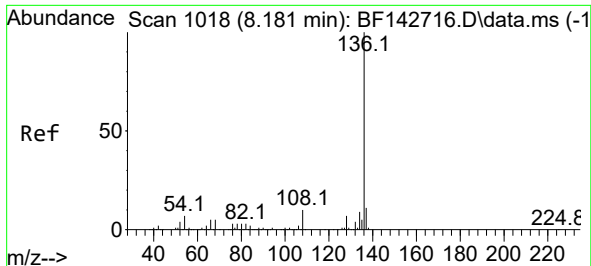
Tgt Ion: 99 Resp: 384930
Ion Ratio Lower Upper
99 100
42 20.1 15.9 23.9
71 35.4 28.0 42.0



#19
n-Nitroso-di-n-propylamine
Concen: 11.416 ng
RT: 7.451 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF142741.D
Acq: 11 Jun 2025 18:18

Tgt Ion: 70 Resp: 31014
Ion Ratio Lower Upper
70 100
42 52.2 50.2 75.4
101 0.0 8.3 12.5#
130 2.2 19.0 28.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 1017

Delta R.T. -0.006 min

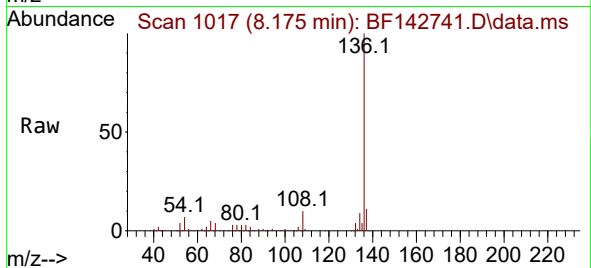
Lab File: BF142741.D

Acq: 11 Jun 2025 18:18

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 227453

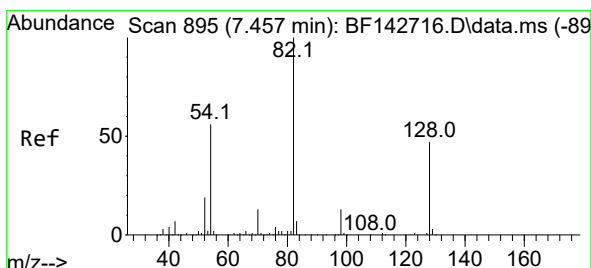
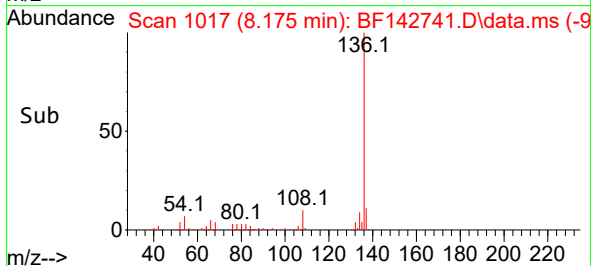
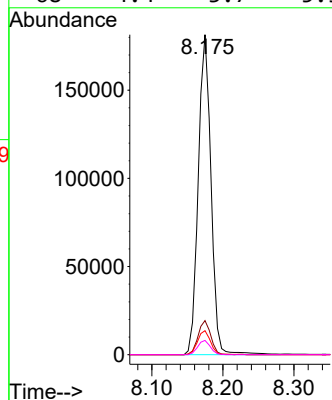
Ion Ratio Lower Upper

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# 894

Delta R.T. -0.006 min

Lab File: BF142741.D

Acq: 11 Jun 2025 18:18

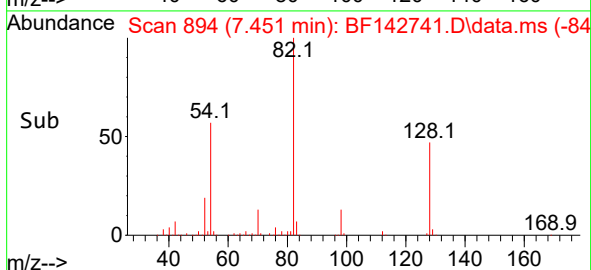
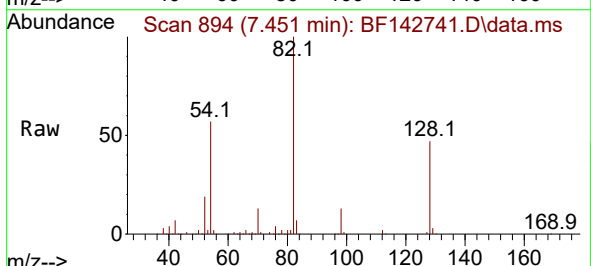
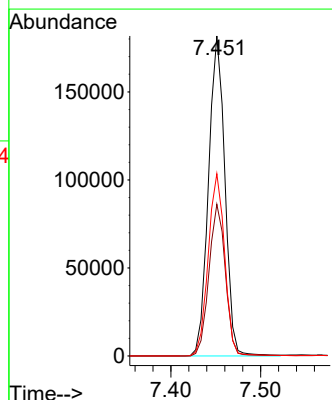
Tgt Ion: 82 Resp: 230687

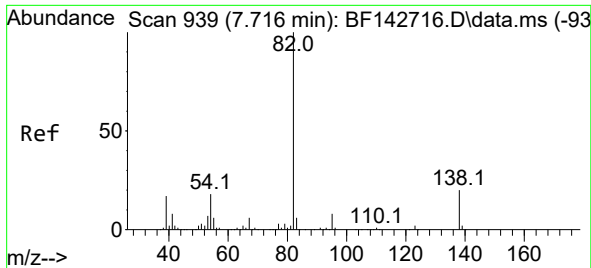
Ion Ratio Lower Upper

82 100

128 47.4 37.8 56.8

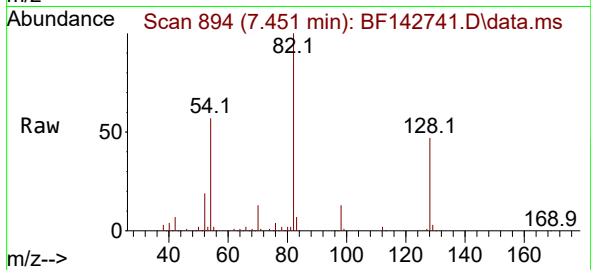
54 57.0 44.9 67.3



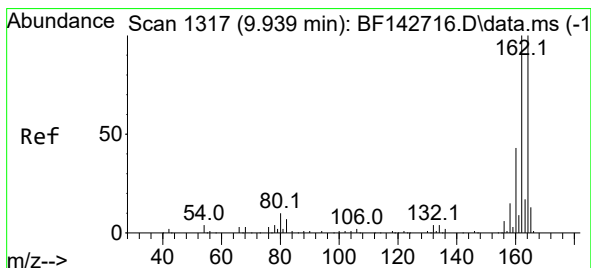
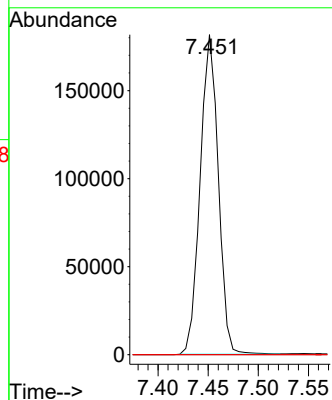
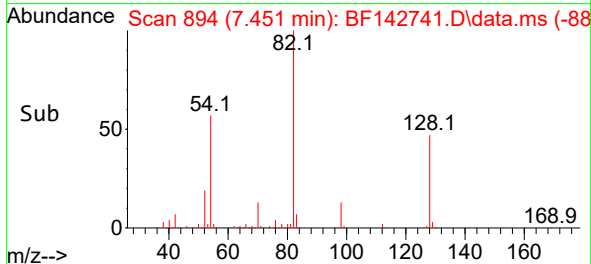


#25
Isophorone
Concen: 32.530 ng
RT: 7.451 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF142741.D
Acq: 11 Jun 2025 18:18

Instrument :
BNA_F
ClientSampleId :

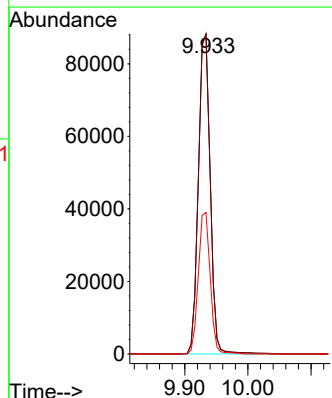
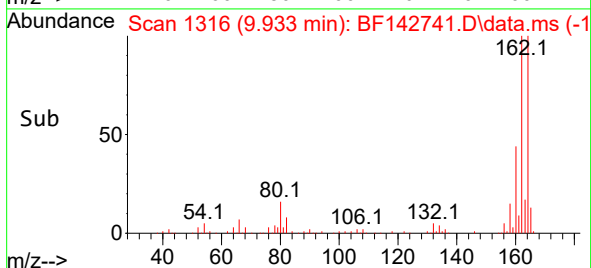
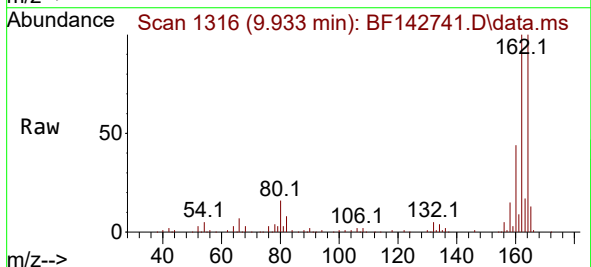


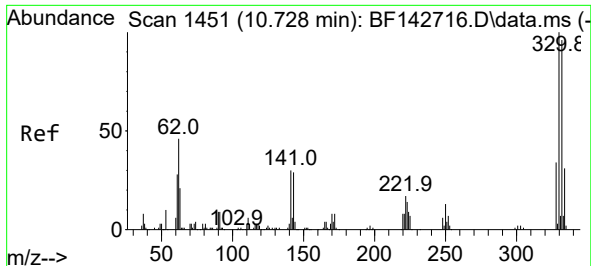
Tgt Ion: 82 Resp: 228907
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 15.8 23.6#



#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

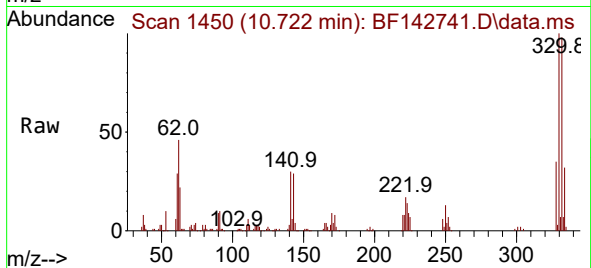
Tgt Ion:164 Resp: 114878
Ion Ratio Lower Upper
164 100
162 99.7 79.9 119.9
160 44.2 34.8 52.2



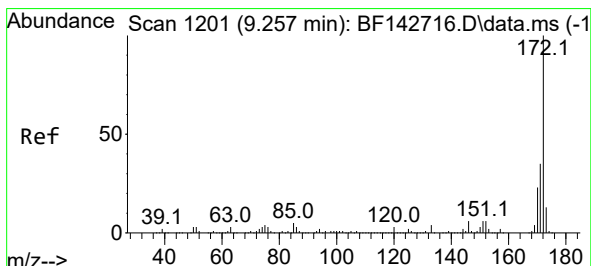
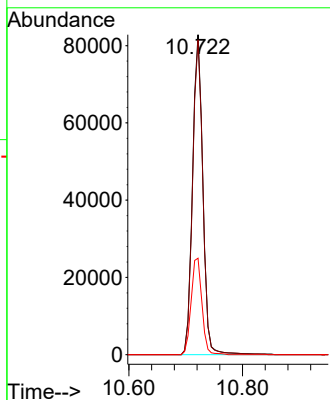
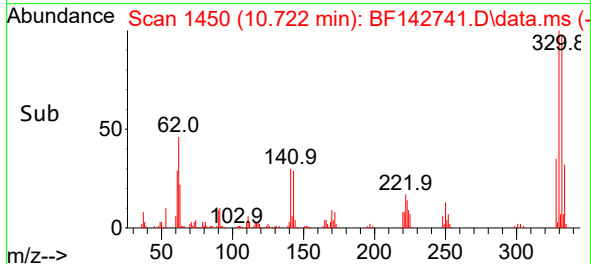


#42
 2,4,6-Tribromophenol
 Concen: 83.629 ng
 RT: 10.722 min Scan# 1451
 Delta R.T. -0.006 min
 Lab File: BF142741.D
 Acq: 11 Jun 2025 18:18

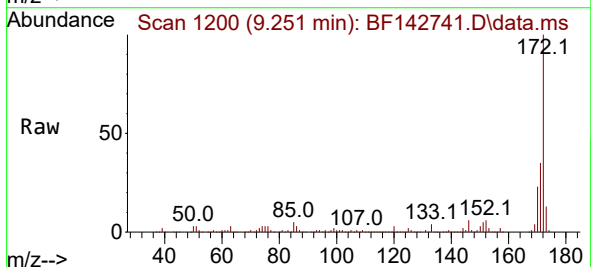
Instrument :
 BNA_F
 ClientSampleId :



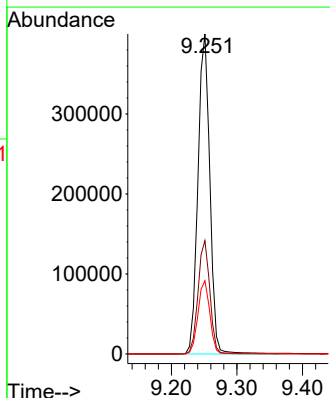
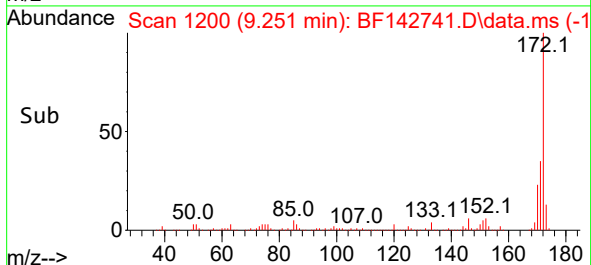
Tgt Ion:330 Resp: 105293
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.0 115.6
 141 31.4 25.4 38.0

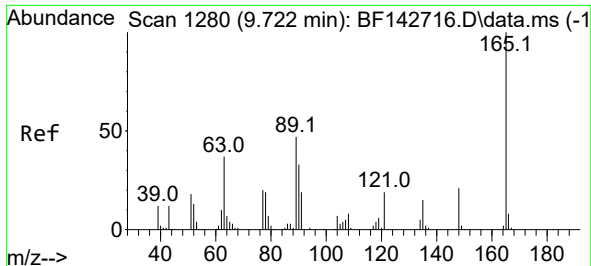


#45
 2-Fluorobiphenyl
 Concen: 58.490 ng
 RT: 9.251 min Scan# 1200
 Delta R.T. -0.006 min
 Lab File: BF142741.D
 Acq: 11 Jun 2025 18:18



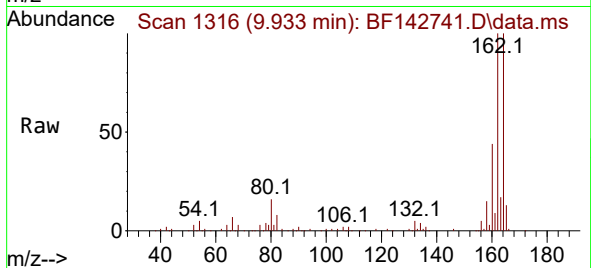
Tgt Ion:172 Resp: 505750
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.1 42.1
 170 22.9 18.6 27.8



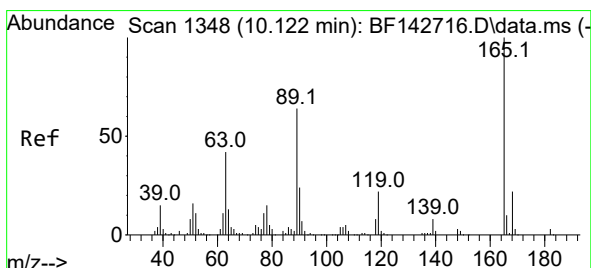
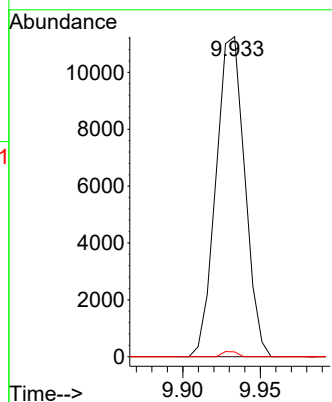
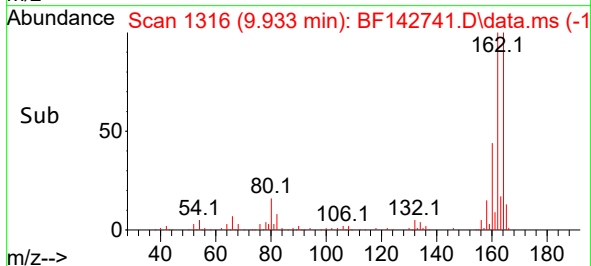


#51
2,6-Dinitrotoluene
Concen: 8.783 ng
RT: 9.933 min Scan# 1316
Delta R.T. 0.212 min
Lab File: BF142741.D
Acq: 11 Jun 2025 18:18

Instrument :
BNA_F
ClientSampleId :

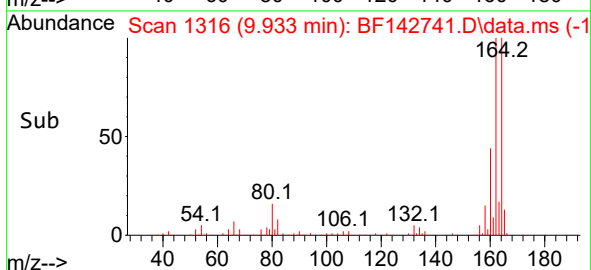
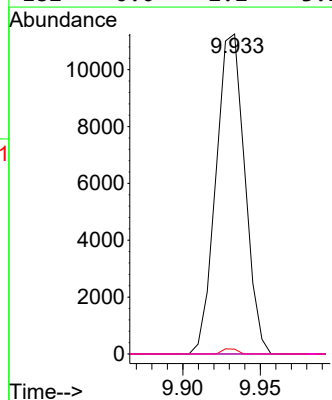
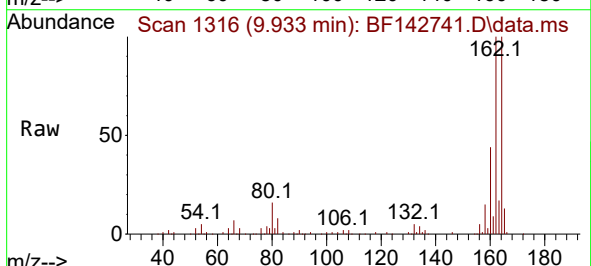


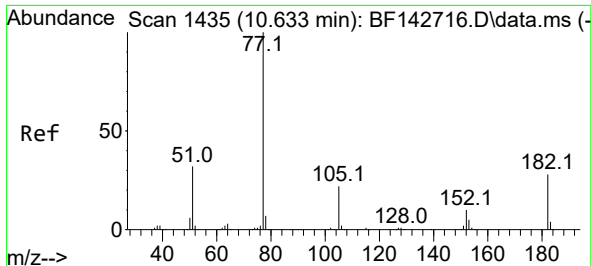
Tgt Ion:165 Resp: 14562
Ion Ratio Lower Upper
165 100
63 0.0 40.6 60.8#
89 1.5 37.6 56.4#



#57
2,4-Dinitrotoluene
Concen: 6.643 ng
RT: 9.933 min Scan# 1316
Delta R.T. -0.188 min
Lab File: BF142741.D
Acq: 11 Jun 2025 18:18

Tgt Ion:165 Resp: 14562
Ion Ratio Lower Upper
165 100
63 0.0 34.1 51.1#
89 1.5 50.8 76.2#
182 0.0 2.2 3.2#

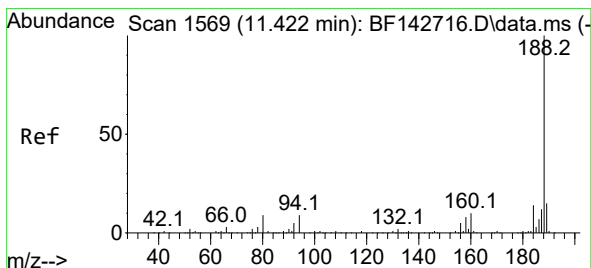
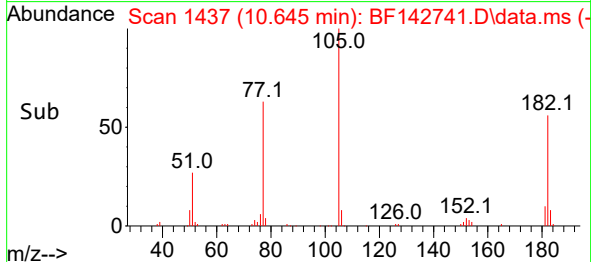
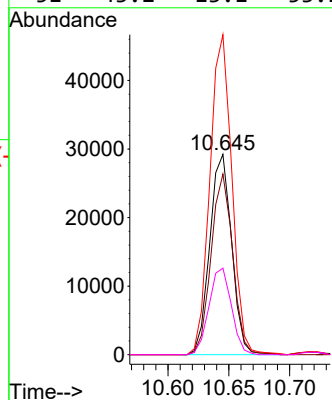
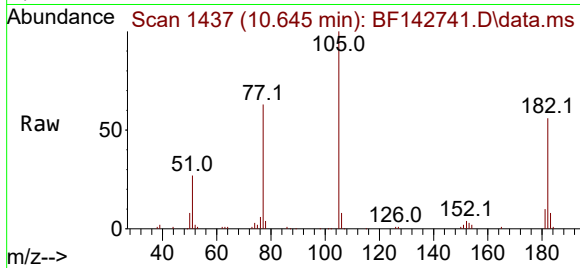




#63
Azobenzene
Concen: 5.509 ng
RT: 10.645 min Scan# 1435
Delta R.T. 0.012 min
Lab File: BF142741.D
Acq: 11 Jun 2025 18:18

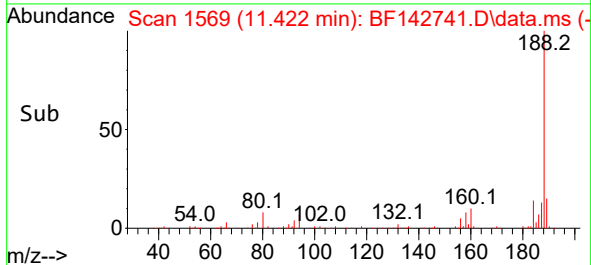
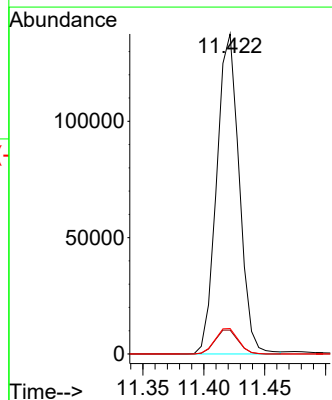
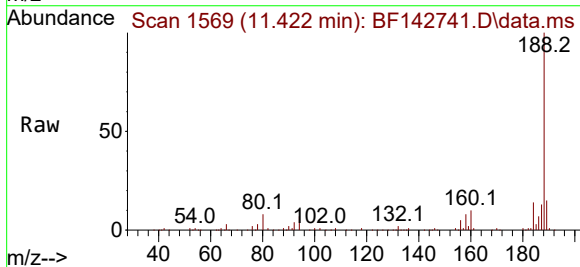
Instrument :
BNA_F
ClientSampleId :

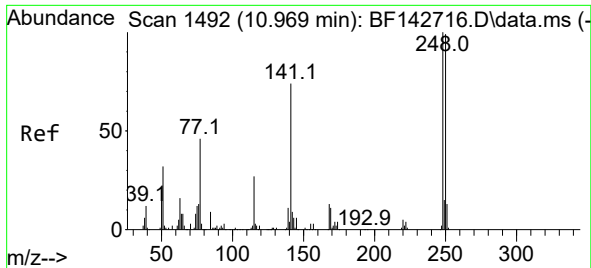
Tgt Ion: 77 Resp: 36597
Ion Ratio Lower Upper
77 100
182 90.2 7.8 47.8#
105 159.8 1.9 41.9#
51 43.2 13.1 53.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.000 min
Lab File: BF142741.D
Acq: 11 Jun 2025 18:18

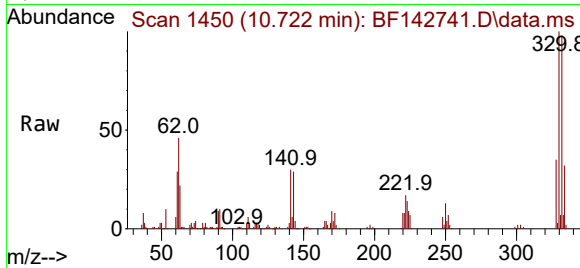
Tgt Ion: 188 Resp: 176861
Ion Ratio Lower Upper
188 100
94 7.4 6.8 10.2
80 7.9 7.1 10.7



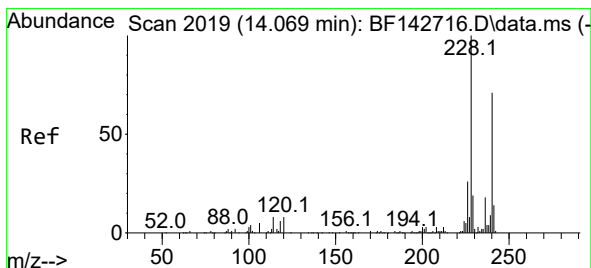
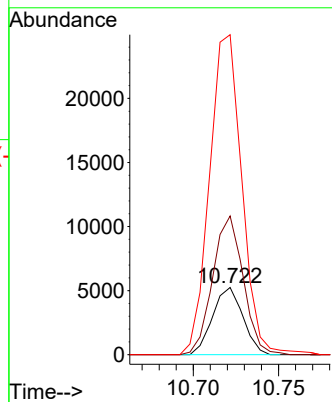
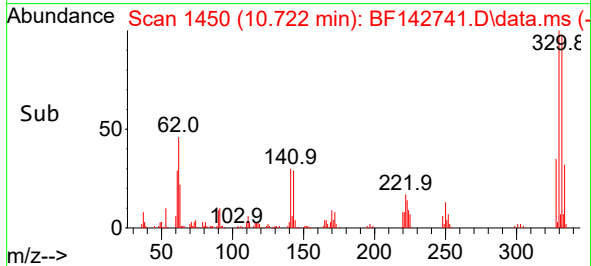


#67
4-Bromophenyl-phenylether
Concen: 3.112 ng
RT: 10.722 min Scan# 1492
Delta R.T. -0.247 min
Lab File: BF142741.D
Acq: 11 Jun 2025 18:18

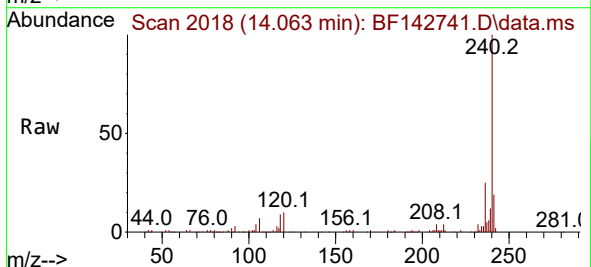
Instrument :
BNA_F
ClientSampleId :



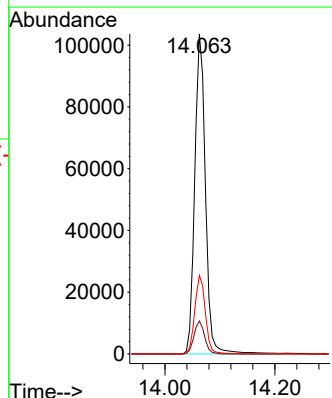
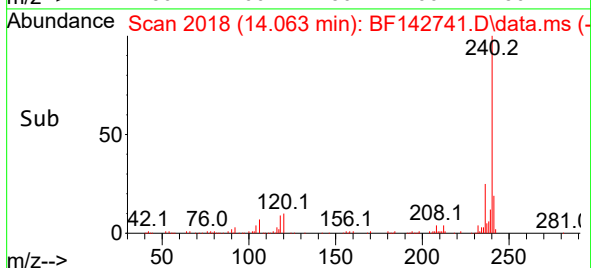
Tgt Ion:248 Resp: 6497
Ion Ratio Lower Upper
248 100
250 206.3 79.2 118.8#
141 475.8 59.3 88.9#

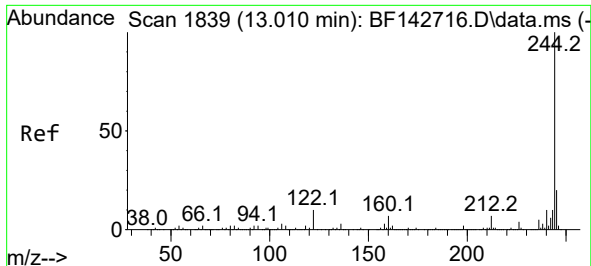


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142741.D
Acq: 11 Jun 2025 18:18



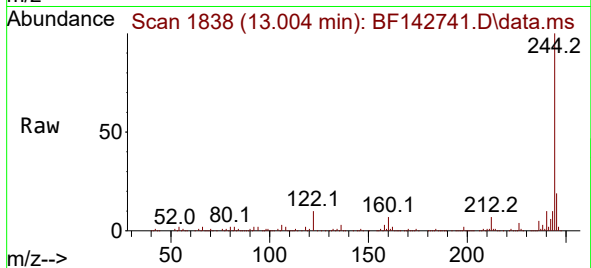
Tgt Ion:240 Resp: 140173
Ion Ratio Lower Upper
240 100
120 10.3 8.5 12.7
236 24.6 20.1 30.1



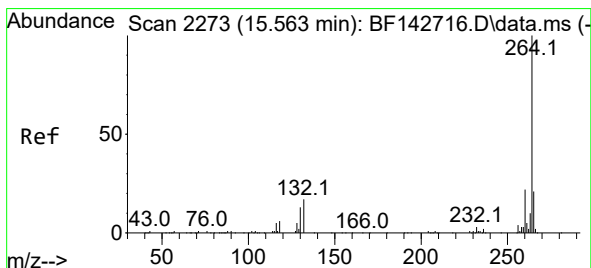
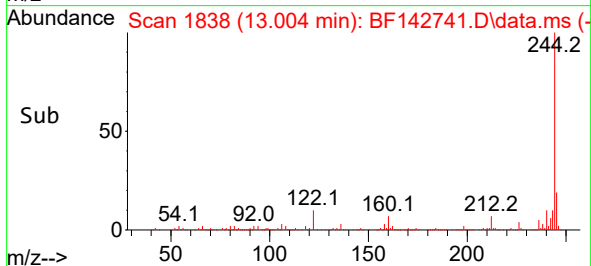
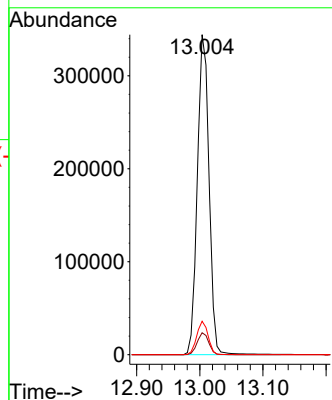


#79
 Terphenyl-d14
 Concen: 43.286 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF142741.D
 Acq: 11 Jun 2025 18:18

Instrument :
 BNA_F
 ClientSampleId :



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

