

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061825\
 Data File : BF142773.D
 Acq On : 18 Jun 2025 12:17
 Operator : RC/JU
 Sample : PB168497TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168497TB

Quant Time: Jun 18 12:45:56 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	80733	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	313029	20.000	ng	-0.02
39) Acenaphthene-d10	9.922	164	174700	20.000	ng	-0.02
64) Phenanthrene-d10	11.410	188	314127	20.000	ng	-0.01
76) Chrysene-d12	14.057	240	209275	20.000	ng	-0.01
86) Perylene-d12	15.551	264	179115	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	615279	129.799	ng	0.00
7) Phenol-d6	6.510	99	736138	131.958	ng	-0.01
23) Nitrobenzene-d5	7.445	82	459522	80.340	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	244552	127.724	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	1012647	77.010	ng	-0.01
79) Terphenyl-d14	13.004	244	1119061	73.442	ng	0.00

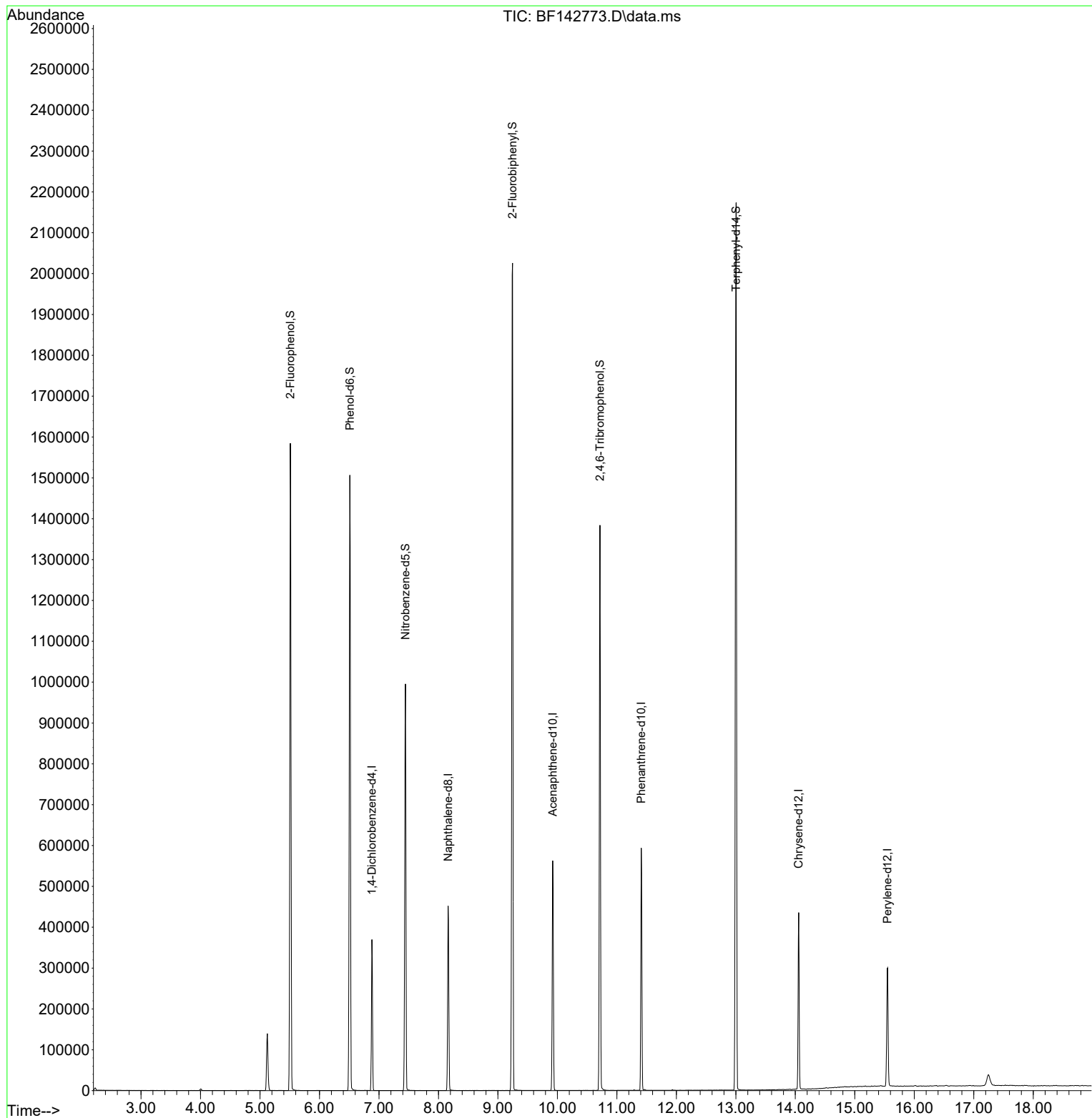
Target Compounds	Qvalue

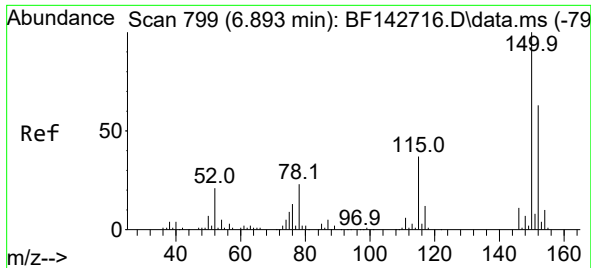
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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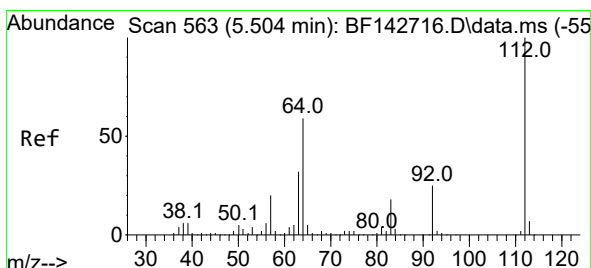
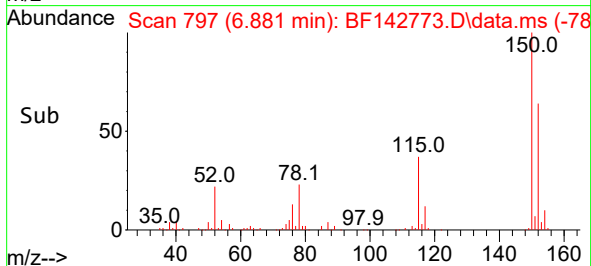
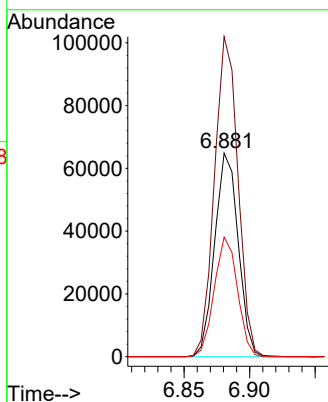
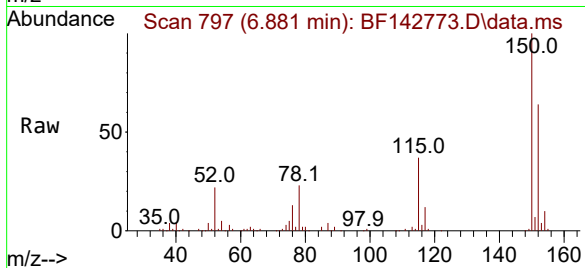




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 799
 Delta R.T. -0.012 min
 Lab File: BF142773.D
 Acq: 18 Jun 2025 12:17

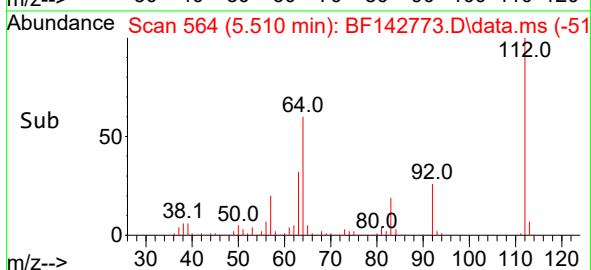
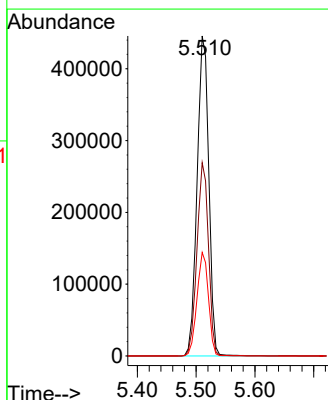
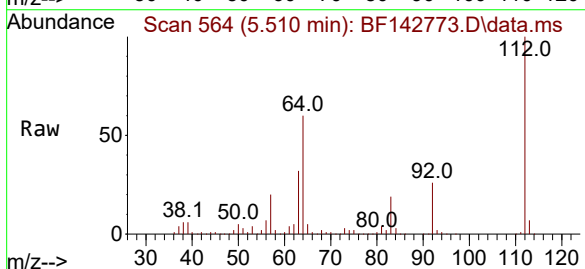
Instrument :
 BNA_F
 ClientSampleId :
 PB168497TB

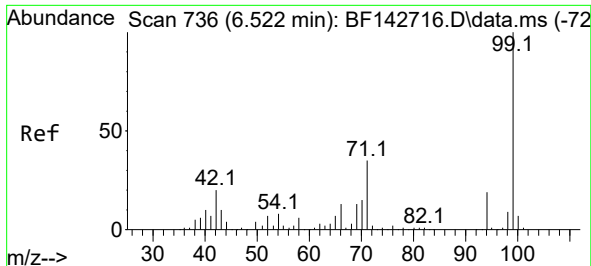
Tgt Ion:152 Resp: 80733
 Ion Ratio Lower Upper
 152 100
 150 157.2 126.9 190.3
 115 58.7 47.0 70.6



#5
 2-Fluorophenol
 Concen: 129.799 ng
 RT: 5.510 min Scan# 564
 Delta R.T. 0.006 min
 Lab File: BF142773.D
 Acq: 18 Jun 2025 12:17

Tgt Ion:112 Resp: 615279
 Ion Ratio Lower Upper
 112 100
 64 60.4 47.4 71.2
 63 32.3 25.4 38.0

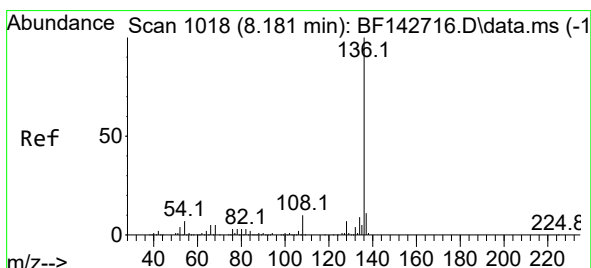
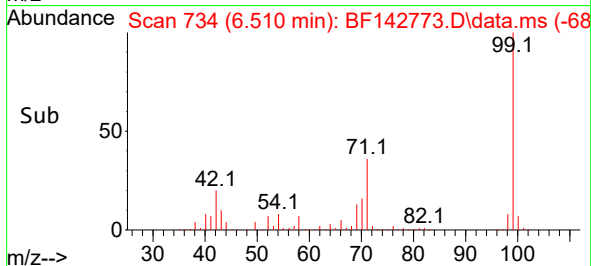
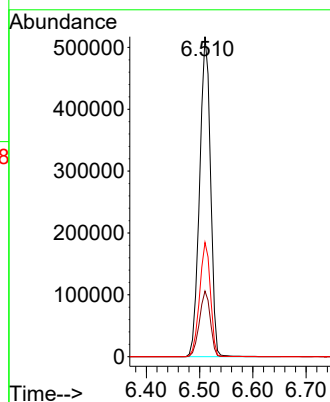
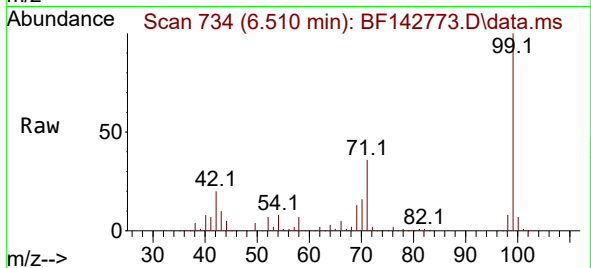




#7
Phenol-d6
Concen: 131.958 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142773.D
Acq: 18 Jun 2025 12:17

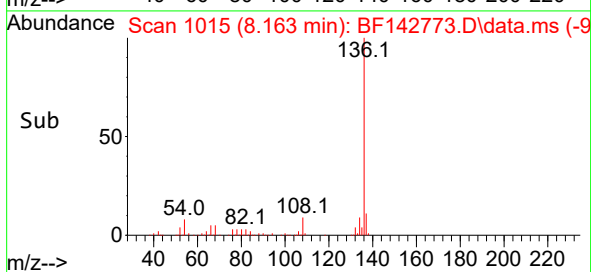
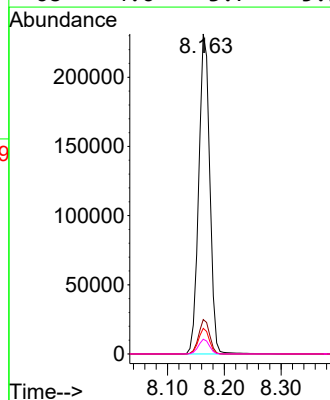
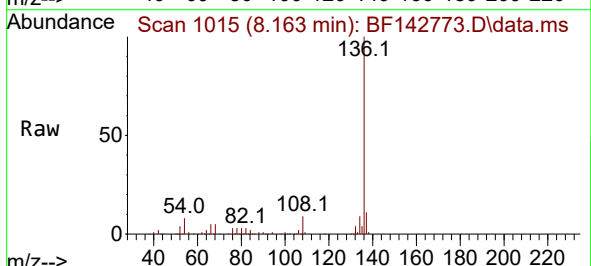
Instrument :
BNA_F
ClientSampleId :
PB168497TB

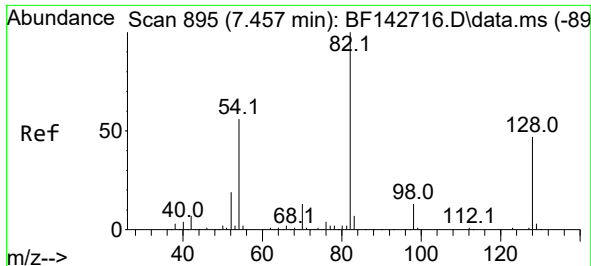
Tgt Ion: 99 Resp: 736138
Ion Ratio Lower Upper
99 100
42 20.5 15.9 23.9
71 35.7 28.0 42.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.018 min
Lab File: BF142773.D
Acq: 18 Jun 2025 12:17

Tgt Ion: 136 Resp: 313029
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.0 5.9 8.9
68 4.6 3.7 5.5





#23

Nitrobenzene-d5

Concen: 80.340 ng

RT: 7.445 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142773.D

Acq: 18 Jun 2025 12:17

Instrument :

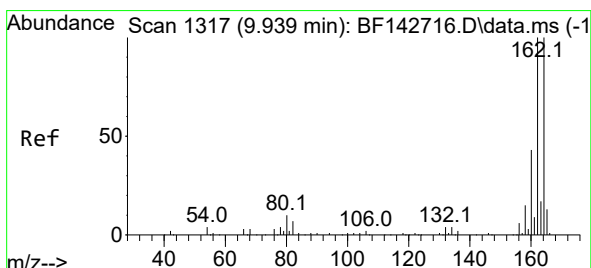
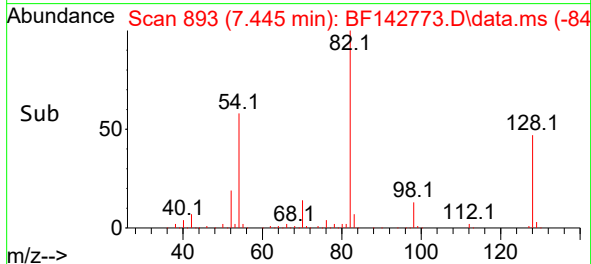
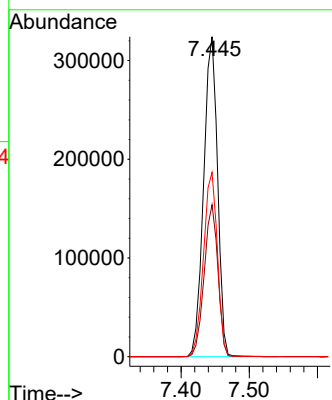
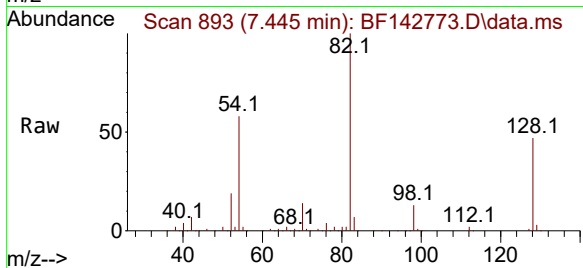
BNA_F

ClientSampleId :

PB168497TB

Tgt Ion: 82 Resp: 459522

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.8	56.8
54	57.6	44.9	67.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

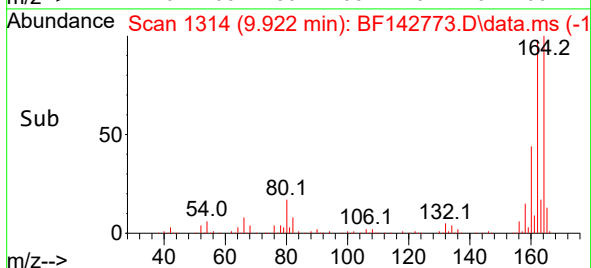
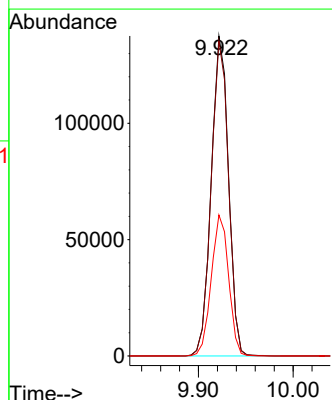
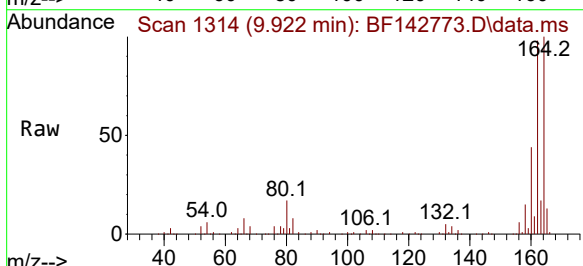
Delta R.T. -0.018 min

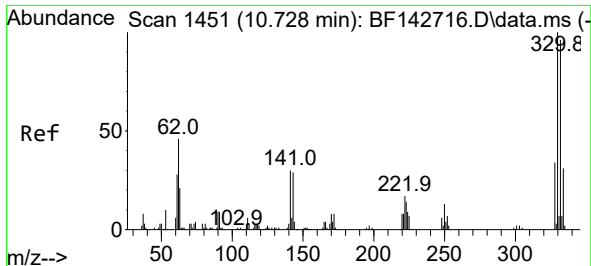
Lab File: BF142773.D

Acq: 18 Jun 2025 12:17

Tgt Ion:164 Resp: 174700

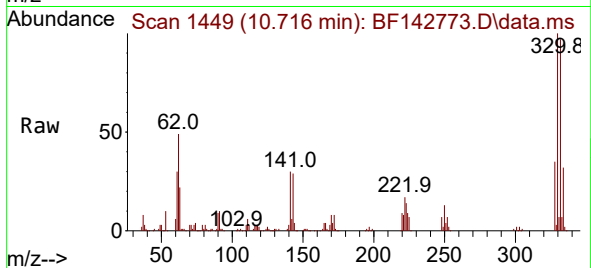
Ion	Ratio	Lower	Upper
164	100		
162	98.4	79.9	119.9
160	44.1	34.8	52.2



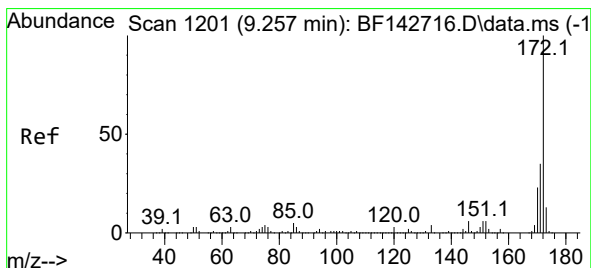
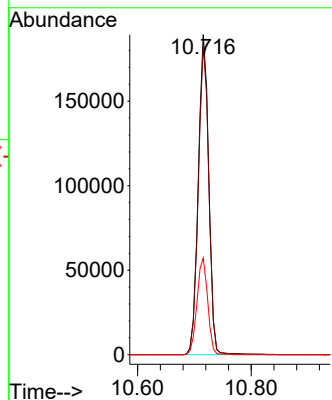
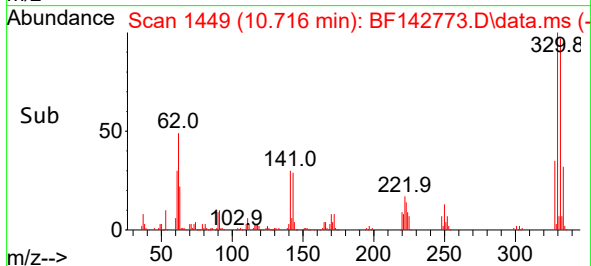


#42
2,4,6-Tribromophenol
Concen: 127.724 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF142773.D
Acq: 18 Jun 2025 12:17

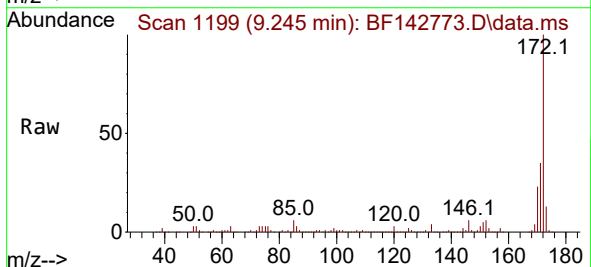
Instrument :
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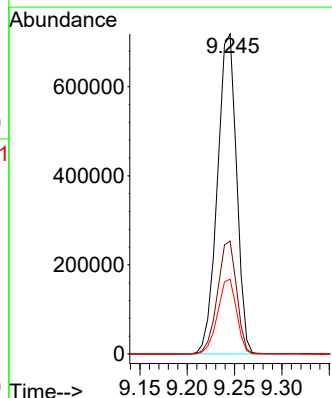
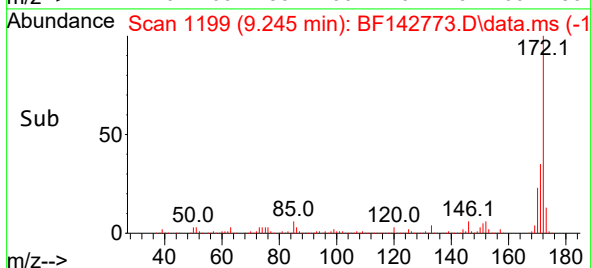
Tgt Ion:330 Resp: 244552
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 30.6 25.4 38.0

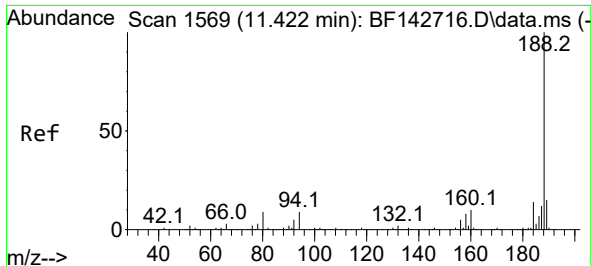


#45
2-Fluorobiphenyl
Concen: 77.010 ng
RT: 9.245 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF142773.D
Acq: 18 Jun 2025 12:17



Tgt Ion:172 Resp: 1012647
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.4 18.6 27.8

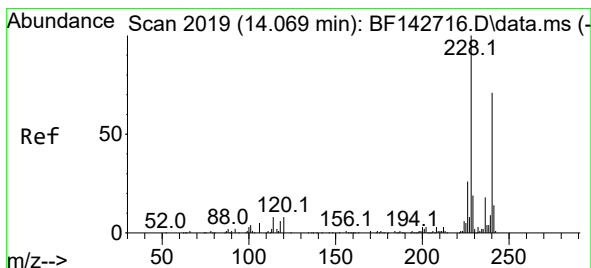
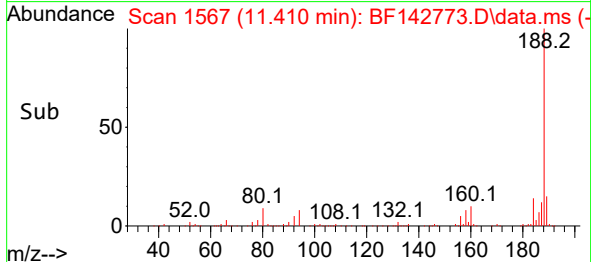
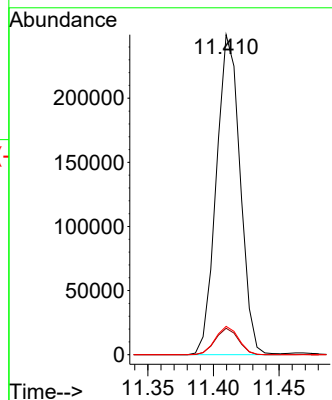
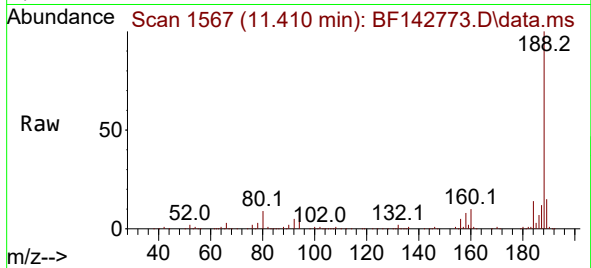




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142773.D
Acq: 18 Jun 2025 12:17

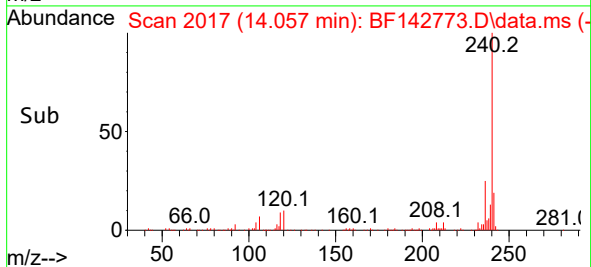
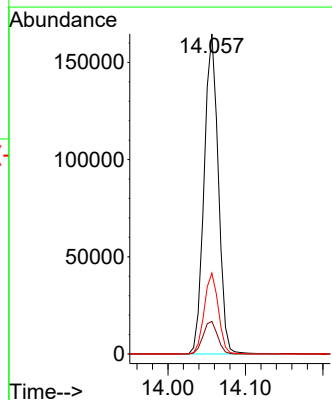
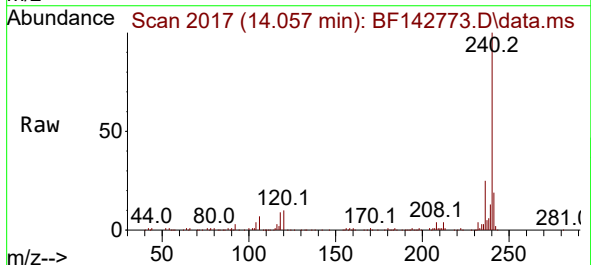
Instrument :
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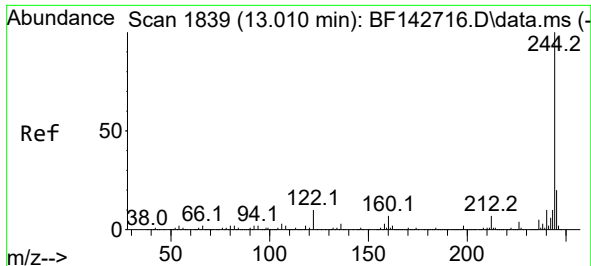
Tgt Ion:188 Resp: 314127
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 8.9 7.1 10.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF142773.D
Acq: 18 Jun 2025 12:17

Tgt Ion:240 Resp: 209275
Ion Ratio Lower Upper
240 100
120 10.1 8.5 12.7
236 25.3 20.1 30.1

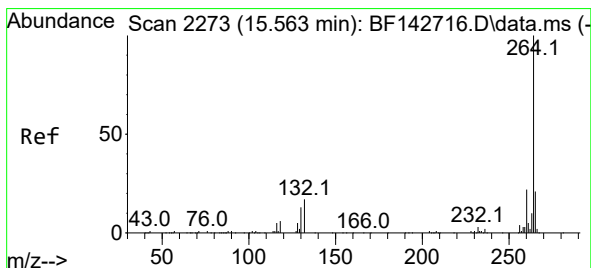
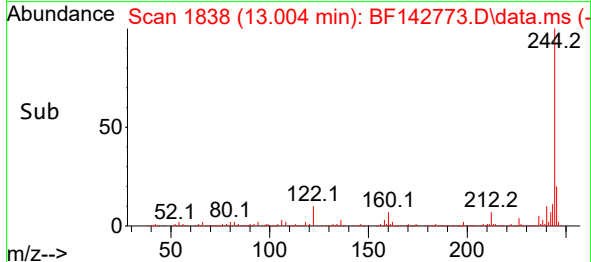
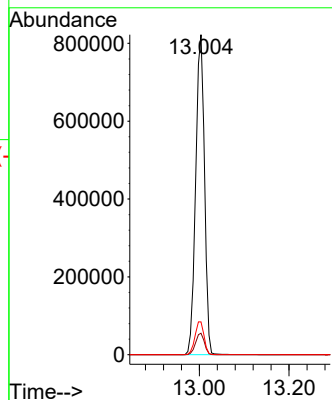
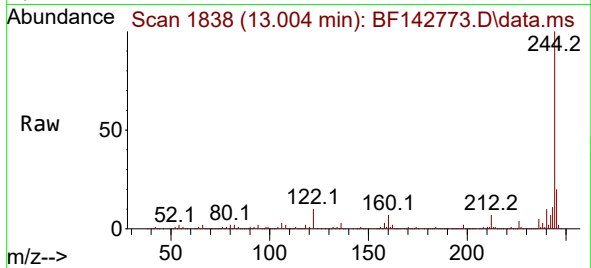




#79
 Terphenyl-d14
 Concen: 73.442 ng
 RT: 13.004 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF142773.D
 Acq: 18 Jun 2025 12:17

Instrument :
 BNA_F
 ClientSampleId :
 PB168497TB

Tgt Ion:244 Resp: 1119061
 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: 15.551 min Scan# 2271
 Delta R.T. -0.012 min
 Lab File: BF142773.D
 Acq: 18 Jun 2025 12:17

Tgt Ion:264 Resp: 179115
 Ion Ratio Lower Upper
 264 100
 260 23.4 17.8 26.6
 265 21.5 16.6 25.0

