

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
 Data File : BF142724.D
 Acq On : 11 Jun 2025 09:53
 Operator : RC/JU
 Sample : PB168376BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168376BL

Quant Time: Jun 11 11:01:19 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	75423	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	293240	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	164071	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	310217	20.000	ng	0.00
76) Chrysene-d12	14.068	240	203839	20.000	ng	0.00
86) Perylene-d12	15.562	264	148373	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	567406	128.127	ng	0.02
7) Phenol-d6	6.522	99	663304	127.273	ng	0.00
23) Nitrobenzene-d5	7.451	82	418446	78.095	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	237240	131.932	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	943613	76.409	ng	0.00
79) Terphenyl-d14	13.015	244	1059635	71.397	ng	0.00

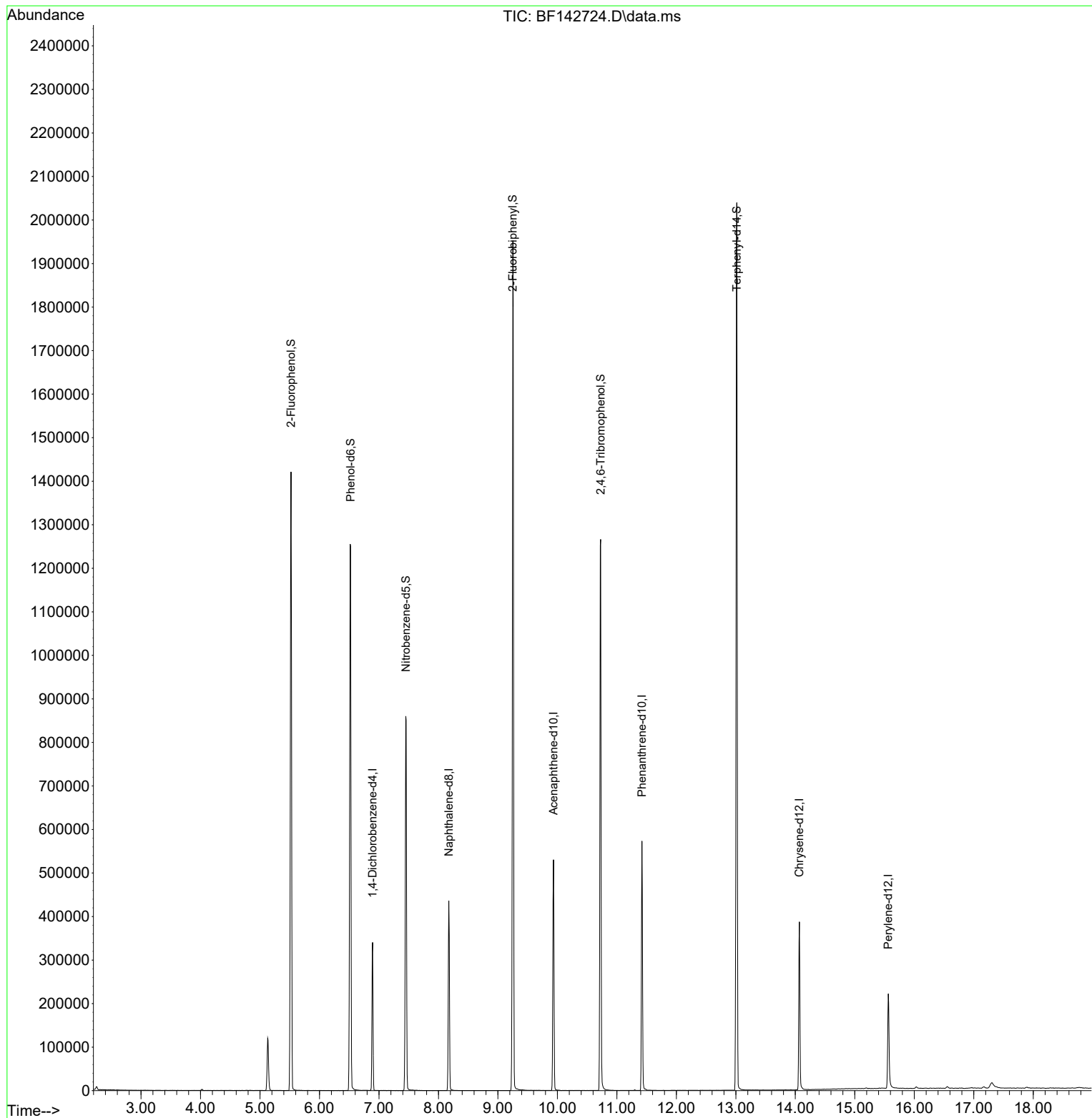
Target Compounds	Qvalue

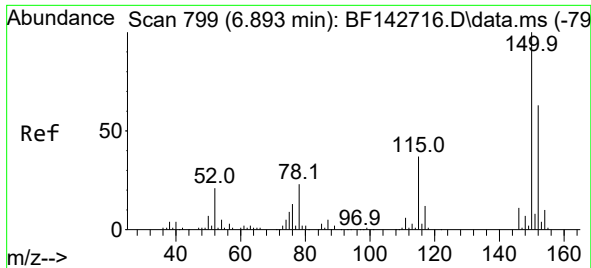
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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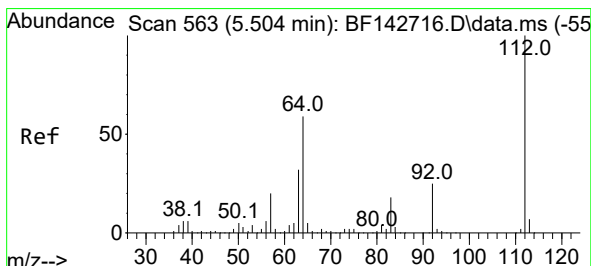
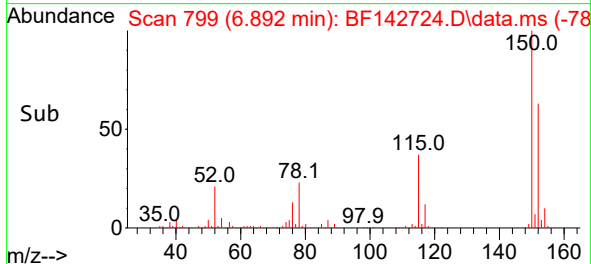
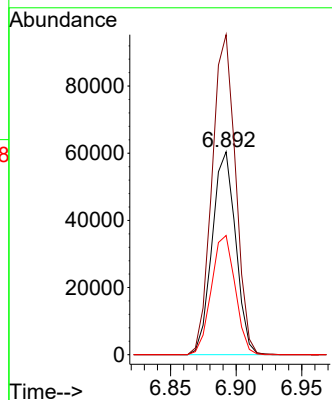
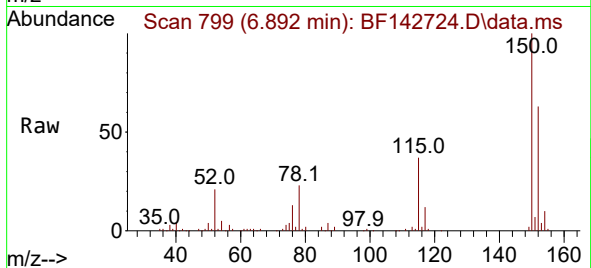




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 799
Delta R.T. -0.001 min
Lab File: BF142724.D
Acq: 11 Jun 2025 09:53

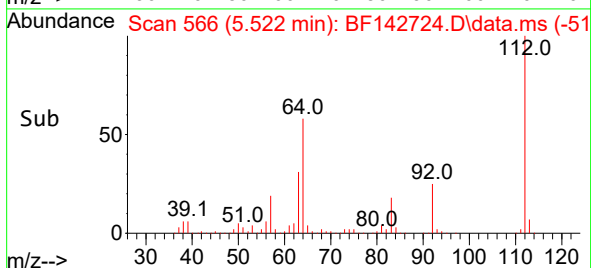
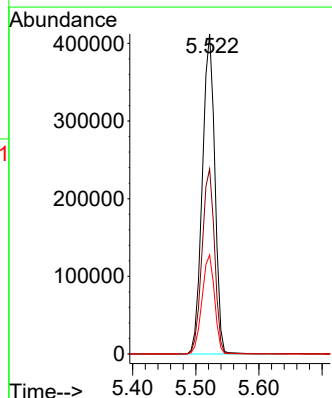
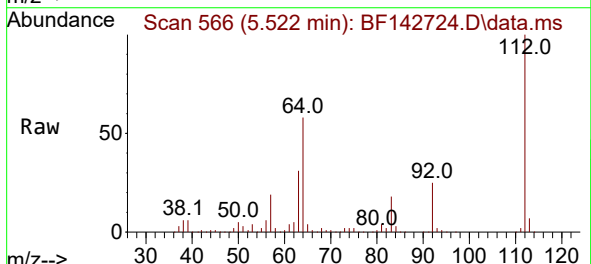
Instrument :
BNA_F
ClientSampleId :
PB168376BL

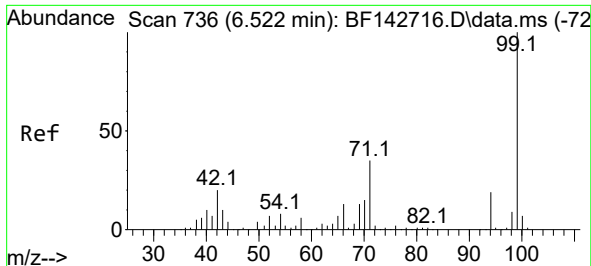
Tgt Ion:152 Resp: 75423
Ion Ratio Lower Upper
152 100
150 157.7 126.9 190.3
115 58.7 47.0 70.6



#5
2-Fluorophenol
Concen: 128.127 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.018 min
Lab File: BF142724.D
Acq: 11 Jun 2025 09:53

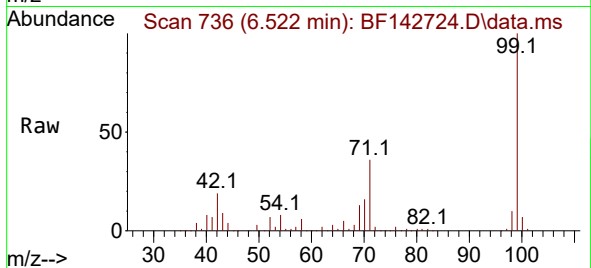
Tgt Ion:112 Resp: 567406
Ion Ratio Lower Upper
112 100
64 57.9 47.4 71.2
63 31.0 25.4 38.0



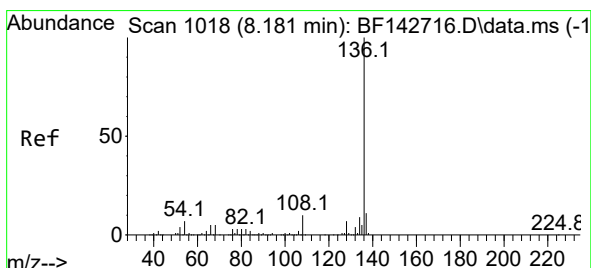
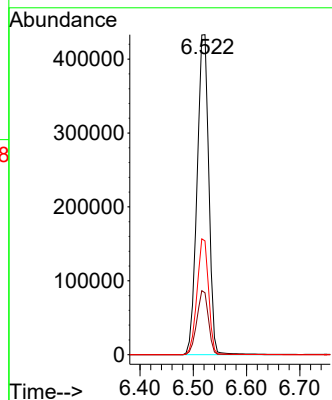
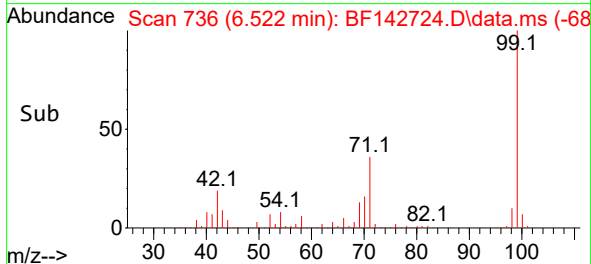


#7
Phenol-d6
Concen: 127.273 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142724.D
Acq: 11 Jun 2025 09:53

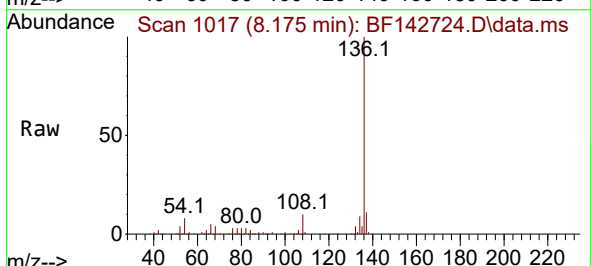
Instrument :
BNA_F
ClientSampleId :
PB168376BL



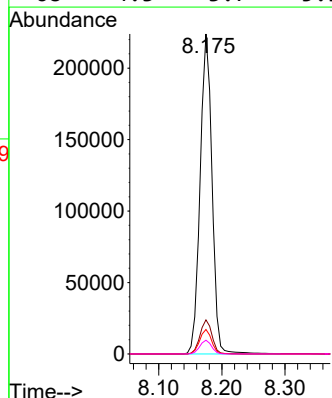
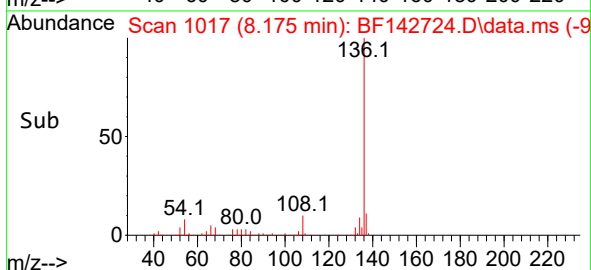
Tgt Ion: 99 Resp: 663304
Ion Ratio Lower Upper
99 100
42 19.3 15.9 23.9
71 35.6 28.0 42.0

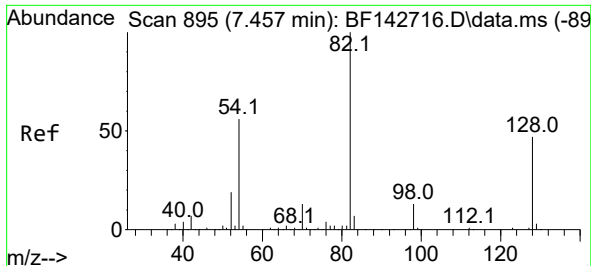


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF142724.D
Acq: 11 Jun 2025 09:53



Tgt Ion: 136 Resp: 293240
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.7 5.9 8.9
68 4.3 3.7 5.5





#23

Nitrobenzene-d5

Concen: 78.095 ng

RT: 7.451 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF142724.D

Acq: 11 Jun 2025 09:53

Instrument :

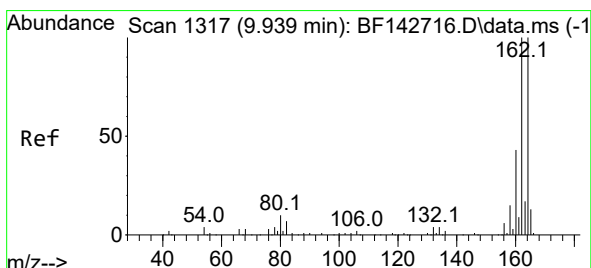
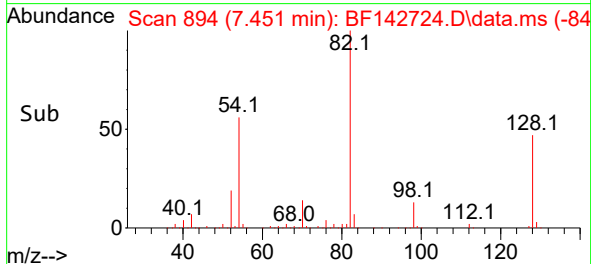
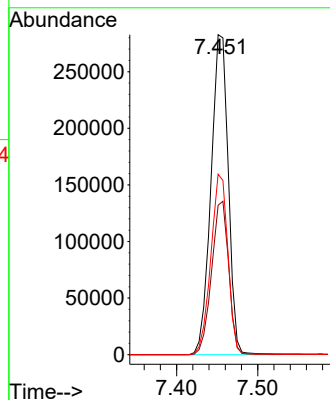
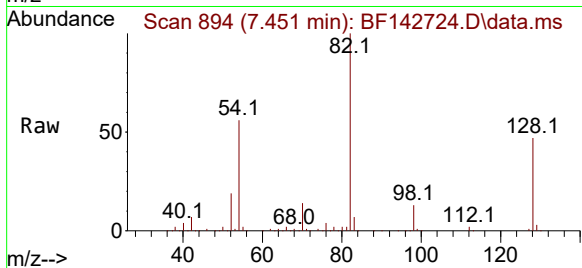
BNA_F

ClientSampleId :

PB168376BL

Tgt Ion: 82 Resp: 418446

Ion	Ratio	Lower	Upper
82	100		
128	46.7	37.8	56.8
54	56.4	44.9	67.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1316

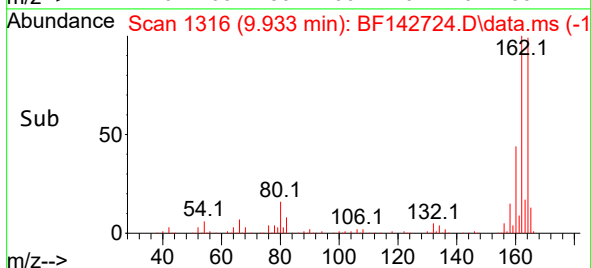
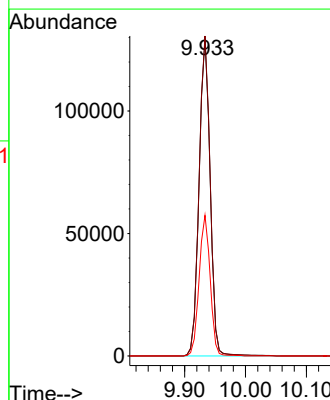
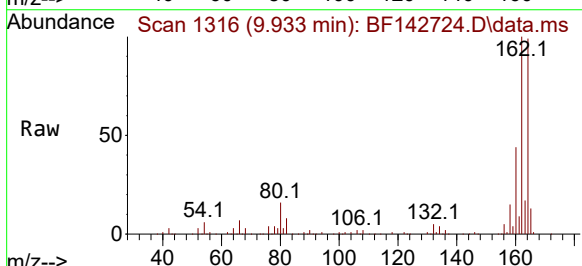
Delta R.T. -0.006 min

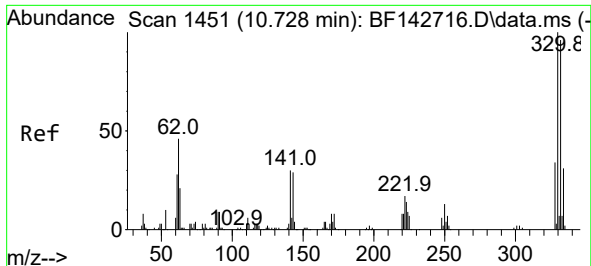
Lab File: BF142724.D

Acq: 11 Jun 2025 09:53

Tgt Ion:164 Resp: 164071

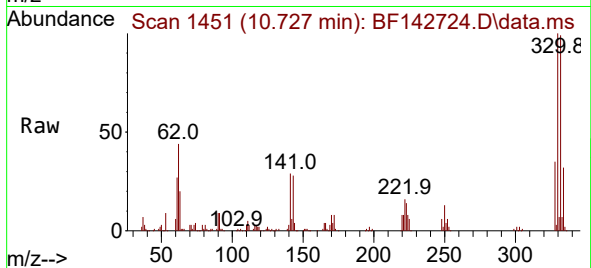
Ion	Ratio	Lower	Upper
164	100		
162	100.8	79.9	119.9
160	44.3	34.8	52.2



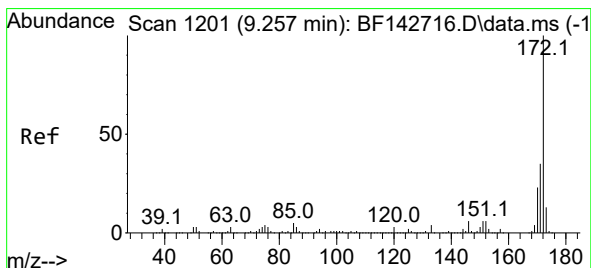
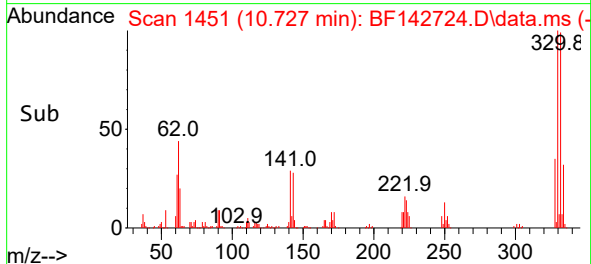
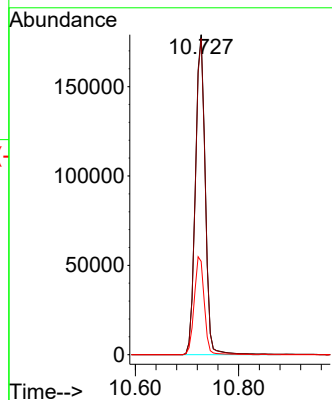


#42
2,4,6-Tribromophenol
Concen: 131.932 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.001 min
Lab File: BF142724.D
Acq: 11 Jun 2025 09:53

Instrument :
BNA_F
ClientSampleId :
PB168376BL

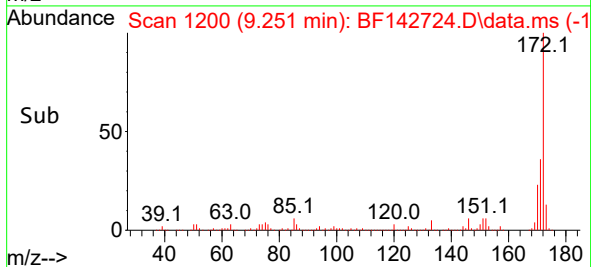
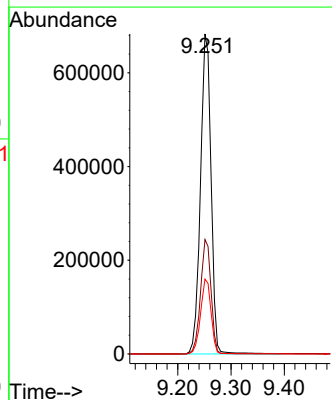
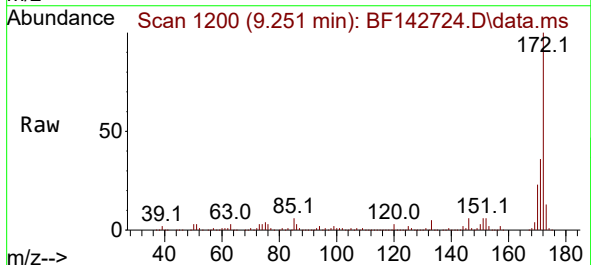


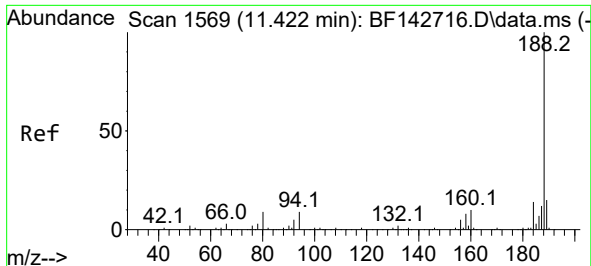
Tgt Ion:330 Resp: 237240
Ion Ratio Lower Upper
330 100
332 98.3 77.0 115.6
141 31.2 25.4 38.0



#45
2-Fluorobiphenyl
Concen: 76.409 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF142724.D
Acq: 11 Jun 2025 09:53

Tgt Ion:172 Resp: 943613
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 23.4 18.6 27.8

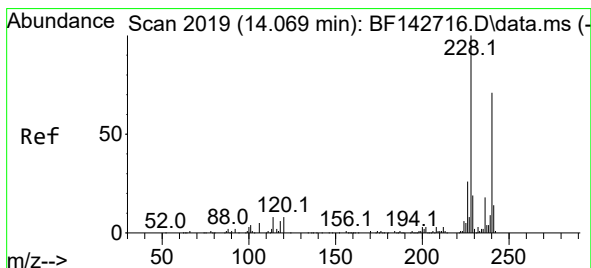
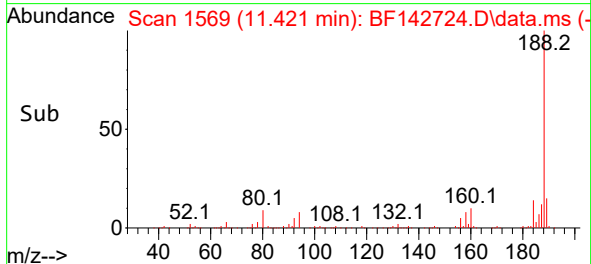
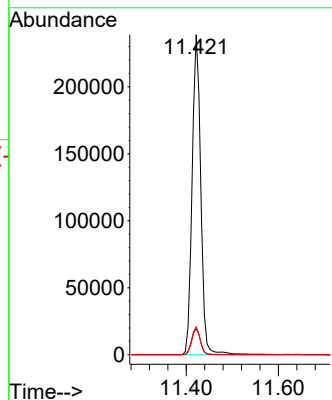
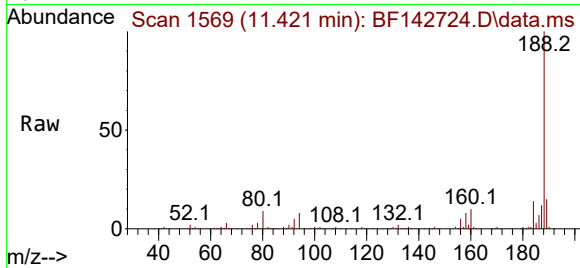




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142724.D
Acq: 11 Jun 2025 09:53

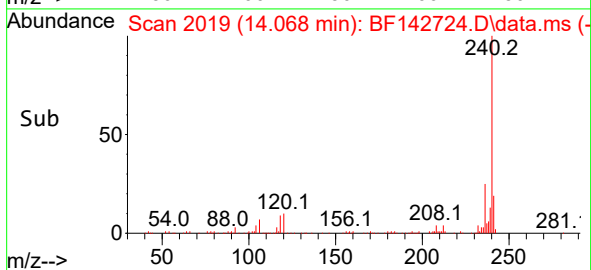
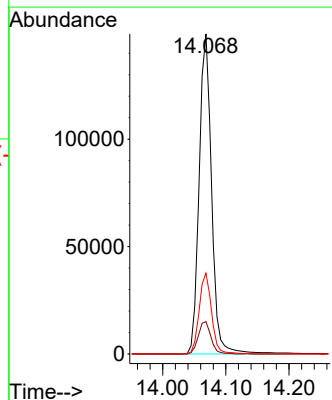
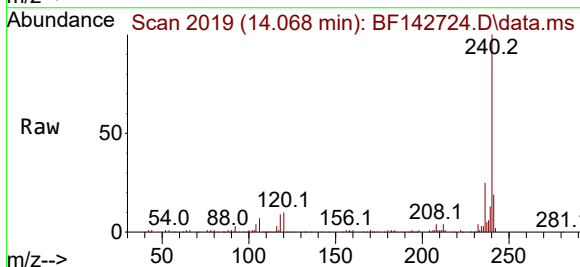
Instrument :
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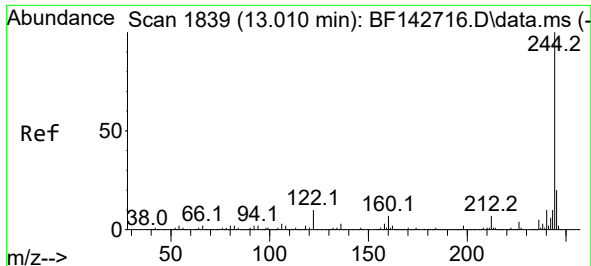
Tgt Ion:188 Resp: 310217
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 8.7 7.1 10.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142724.D
Acq: 11 Jun 2025 09:53

Tgt Ion:240 Resp: 203839
Ion Ratio Lower Upper
240 100
120 10.1 8.5 12.7
236 25.3 20.1 30.1

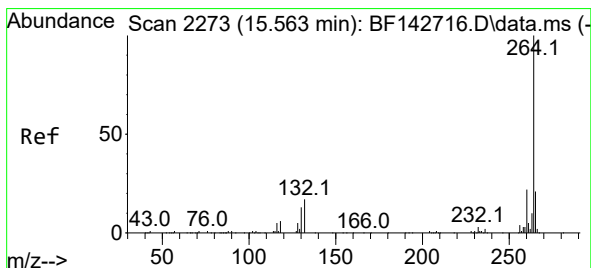
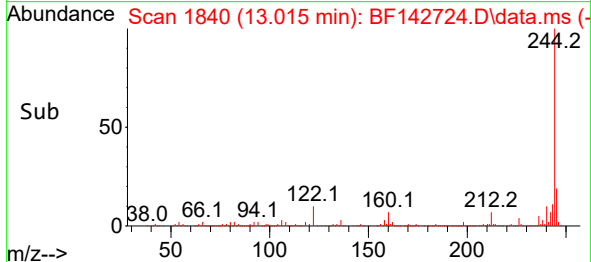
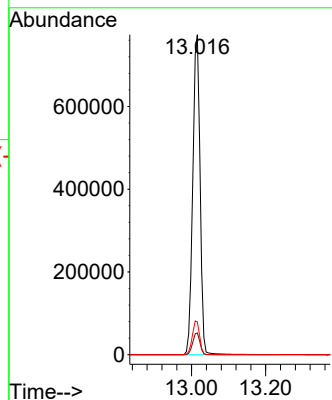
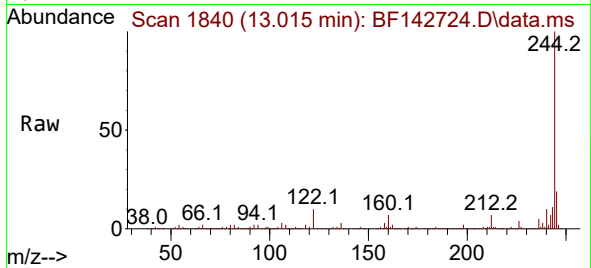




#79
 Terphenyl-d14
 Concen: 71.397 ng
 RT: 13.015 min Scan# 1839
 Delta R.T. 0.005 min
 Lab File: BF142724.D
 Acq: 11 Jun 2025 09:53

Instrument :
 BNA_F
 ClientSampleId :
 PB168376BL

Tgt Ion:244 Resp: 1059635
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.2 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: BF142724.D
 Acq: 11 Jun 2025 09:53

Tgt Ion:264 Resp: 148373
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.8 26.6
 265 20.4 16.6 25.0

