

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
 Data File : BF142824.D
 Acq On : 24 Jun 2025 17:33
 Operator : RC/JU
 Sample : Q2393-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PARK AVE -3

Quant Time: Jun 24 18:02:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

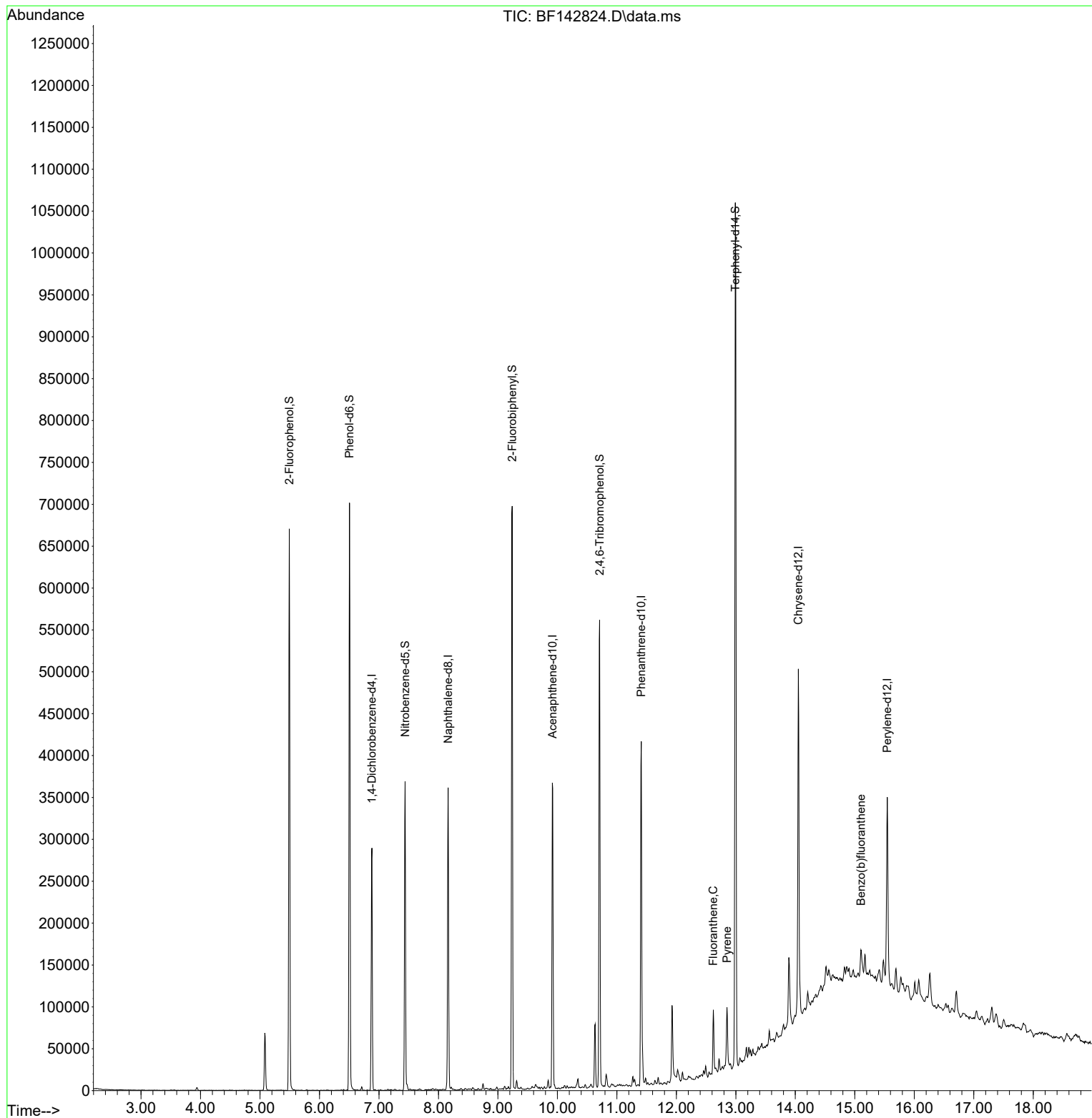
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	63043	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	226294	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	112057	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	215299	20.000	ng	0.00
76) Chrysene-d12	14.051	240	191648	20.000	ng	0.00
86) Perylene-d12	15.545	264	128238	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	250519	66.160	ng	0.00
7) Phenol-d6	6.504	99	310518	69.508	ng	0.00
23) Nitrobenzene-d5	7.439	82	151433	36.705	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	95486	82.805	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	317524	37.224	ng	0.00
79) Terphenyl-d14	12.992	244	504565	36.377	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.621	202	42021	3.796	ng	100
78) Pyrene	12.851	202	40452	2.252	ng	98
88) Benzo(b)fluoranthene	15.104	252	17137m	2.309	ng	

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

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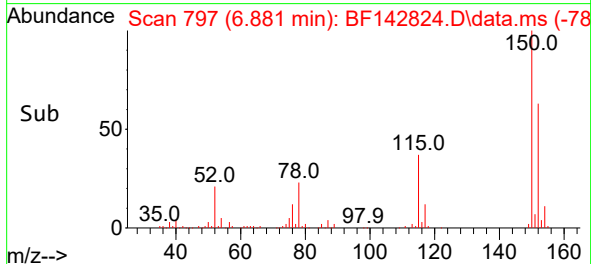
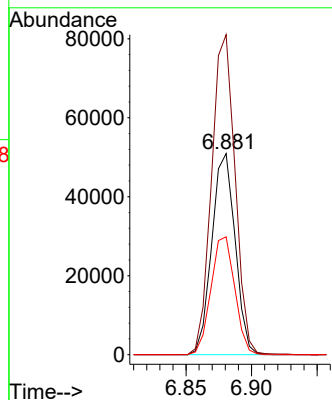
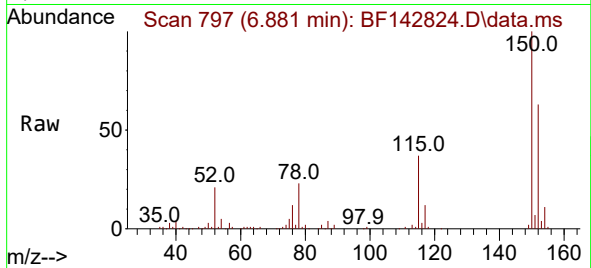




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF142824.D
Acq: 24 Jun 2025 17:33

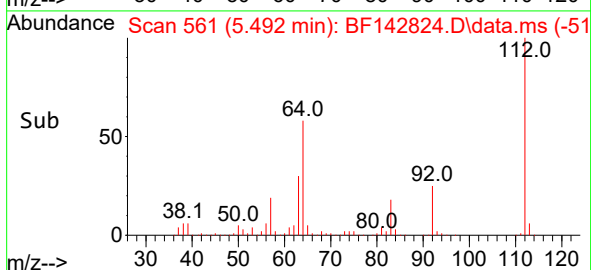
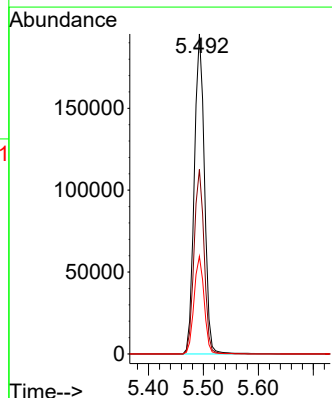
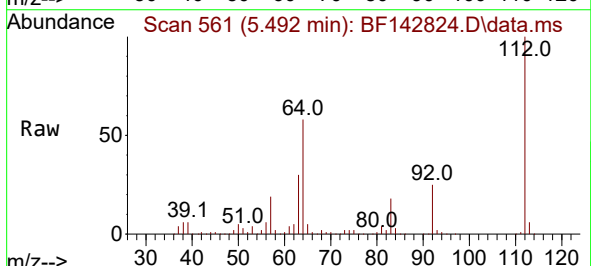
Instrument :
BNA_F
ClientSampleId :
PARK AVE -3

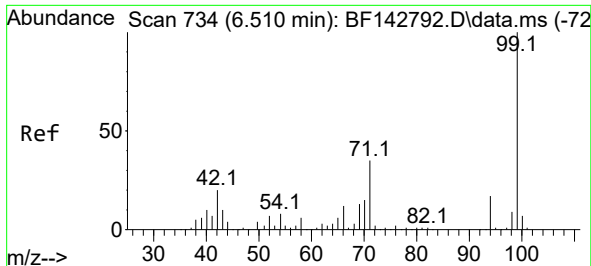
Tgt Ion:152 Resp: 63043
Ion Ratio Lower Upper
152 100
150 159.1 127.2 190.8
115 58.7 46.6 69.8



#5
2-Fluorophenol
Concen: 66.160 ng
RT: 5.492 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF142824.D
Acq: 24 Jun 2025 17:33

Tgt Ion:112 Resp: 250519
Ion Ratio Lower Upper
112 100
64 57.7 48.2 72.2
63 30.5 25.7 38.5

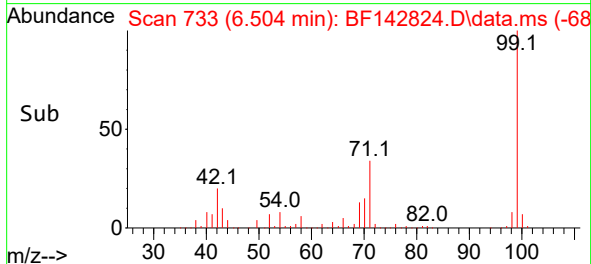
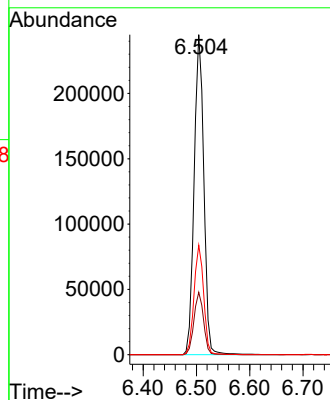
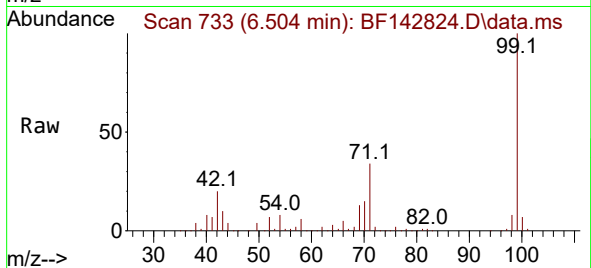




#7
Phenol-d6
Concen: 69.508 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142824.D
Acq: 24 Jun 2025 17:33

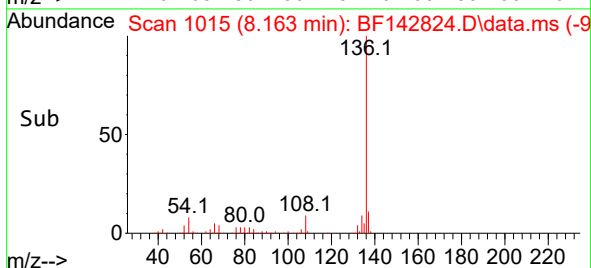
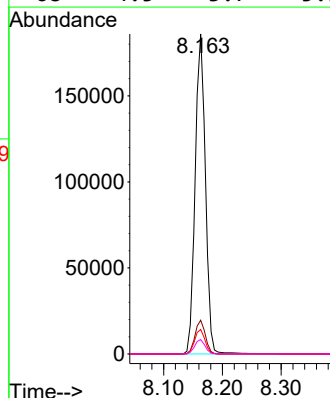
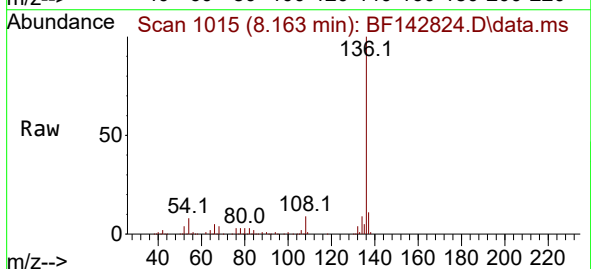
Instrument :
BNA_F
ClientSampleId :
PARK AVE -3

Tgt Ion: 99 Resp: 310518
Ion Ratio Lower Upper
99 100
42 19.5 15.9 23.9
71 34.2 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF142824.D
Acq: 24 Jun 2025 17:33

Tgt Ion: 136 Resp: 226294
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 7.7 6.3 9.5
68 4.5 3.7 5.5





#23

Nitrobenzene-d5

Concen: 36.705 ng

RT: 7.439 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142824.D

Acq: 24 Jun 2025 17:33

Instrument :

BNA_F

ClientSampleId :

PARK AVE -3

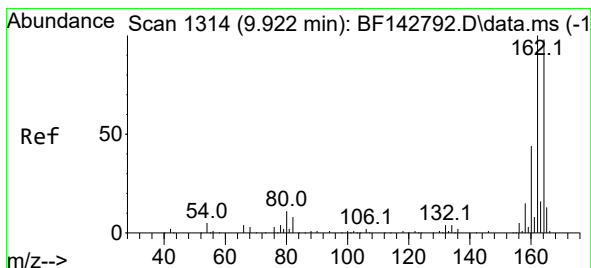
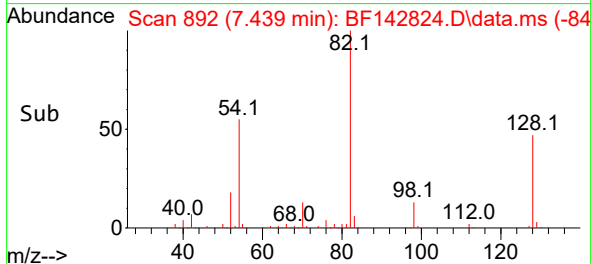
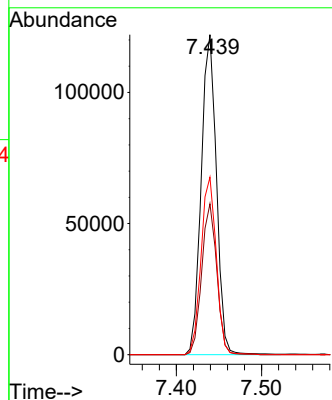
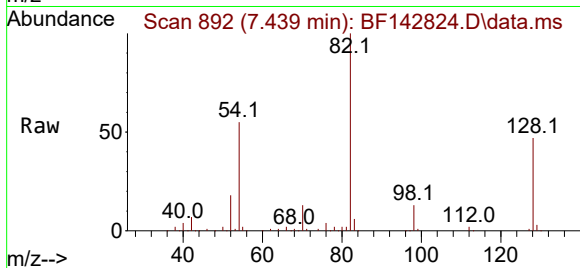
Tgt Ion: 82 Resp: 151433

Ion Ratio Lower Upper

82 100

128 47.2 37.7 56.5

54 55.5 45.7 68.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF142824.D

Acq: 24 Jun 2025 17:33

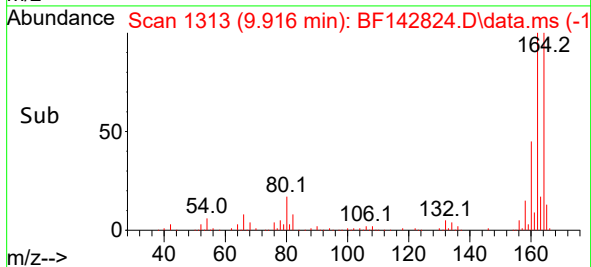
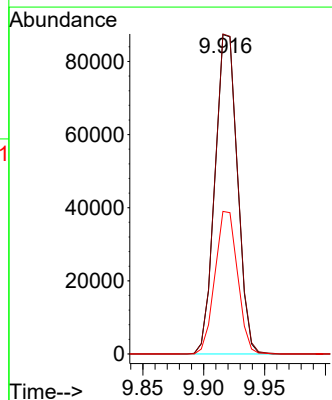
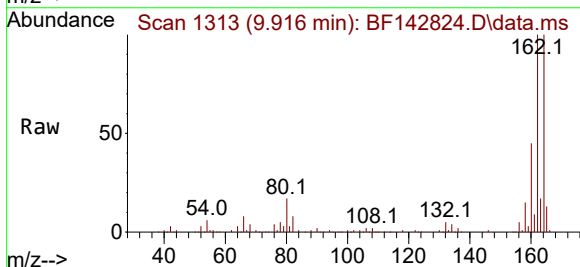
Tgt Ion:164 Resp: 112057

Ion Ratio Lower Upper

164 100

162 100.2 81.8 122.8

160 44.6 36.0 54.0

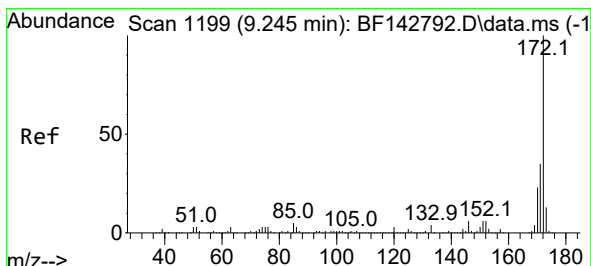
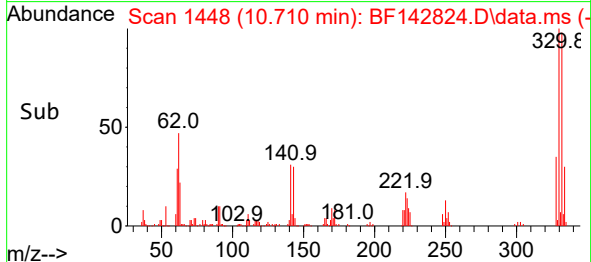
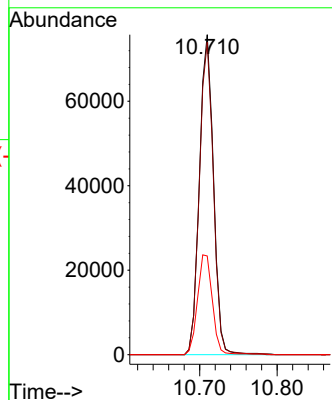
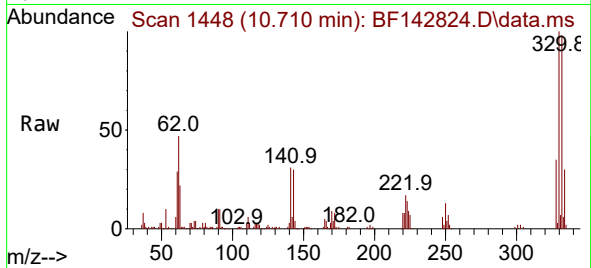




#42
2,4,6-Tribromophenol
Concen: 82.805 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142824.D
Acq: 24 Jun 2025 17:33

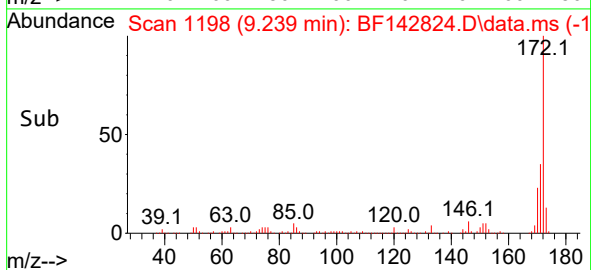
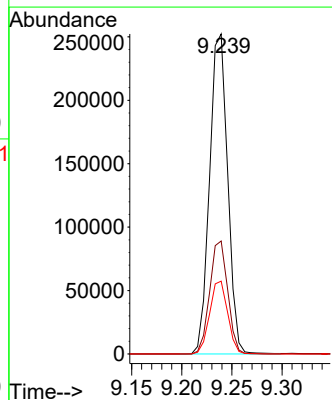
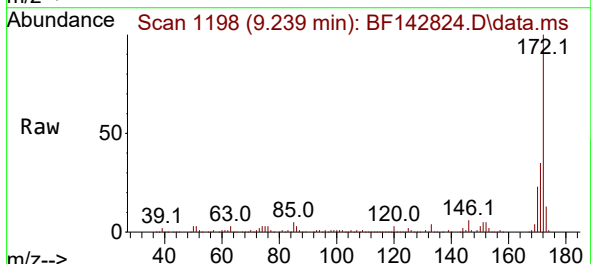
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 330 Resp: 95486
Ion Ratio Lower Upper
330 100
332 97.4 75.0 112.6
141 33.1 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 37.224 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF142824.D
Acq: 24 Jun 2025 17:33

Tgt Ion: 172 Resp: 317524
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 22.7 18.5 27.7

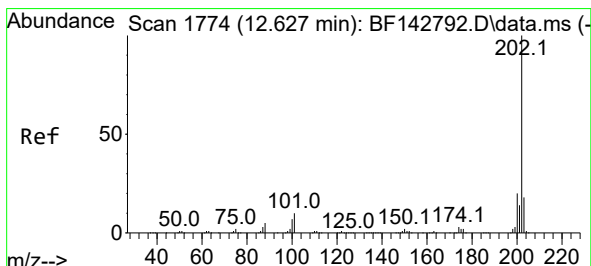
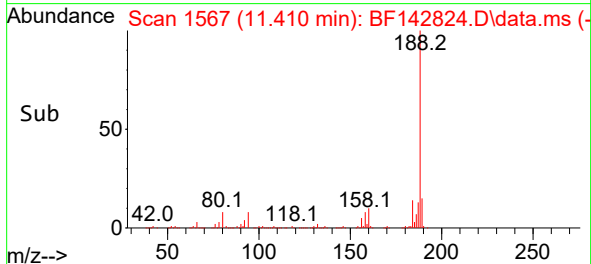
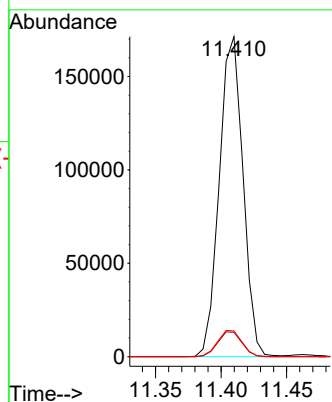
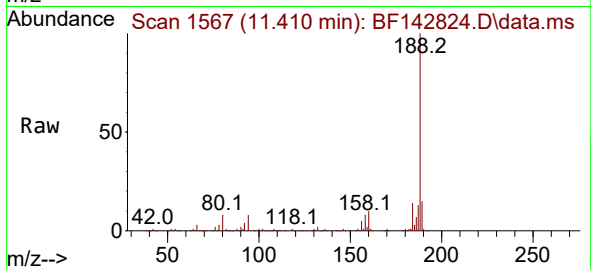




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142824.D
Acq: 24 Jun 2025 17:33

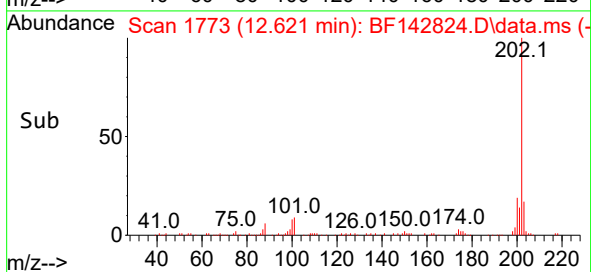
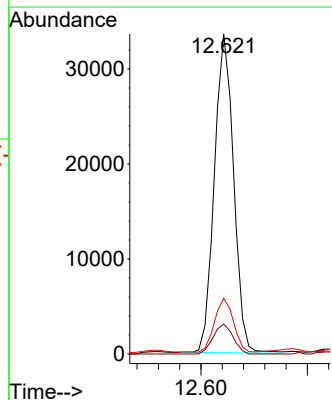
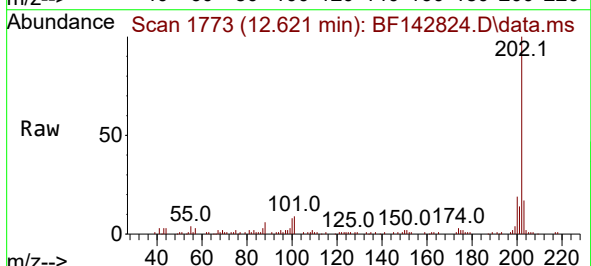
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BNA_F
ClientSampleId :
PARK AVE -3

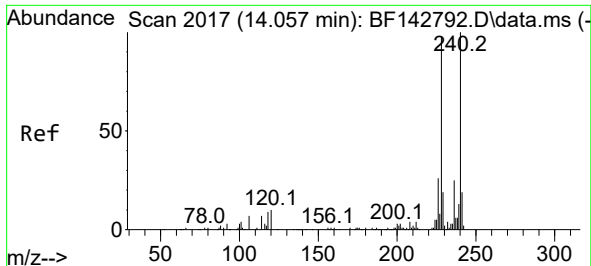
Tgt Ion:188 Resp: 215299
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 8.0 6.9 10.3



#75
Fluoranthene
Concen: 3.796 ng
RT: 12.621 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BF142824.D
Acq: 24 Jun 2025 17:33

Tgt Ion:202 Resp: 42021
Ion Ratio Lower Upper
202 100
101 9.3 0.0 29.7
203 17.4 0.0 37.5

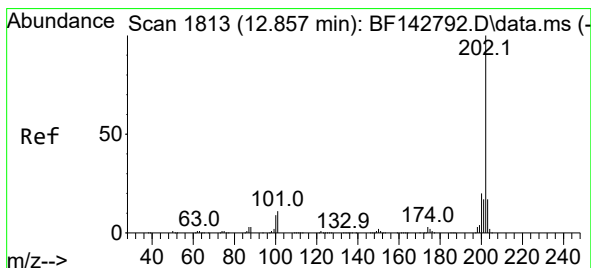
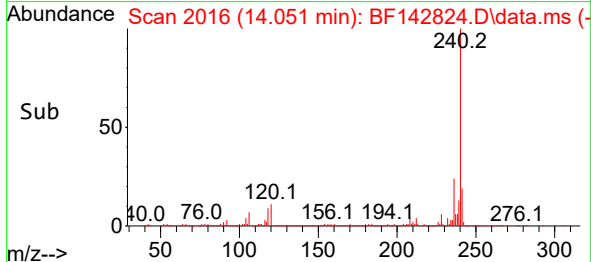
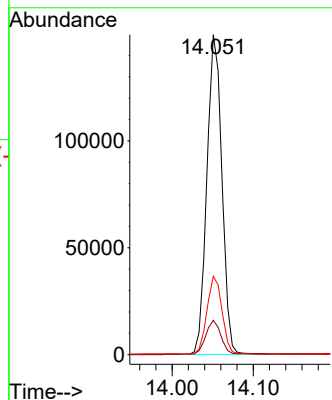
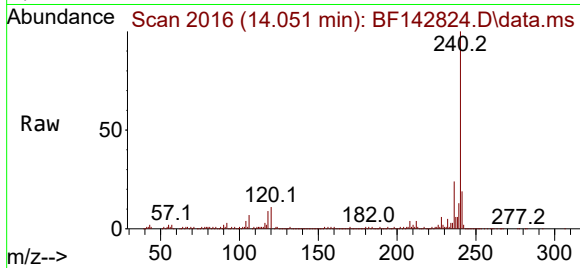




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF142824.D
Acq: 24 Jun 2025 17:33

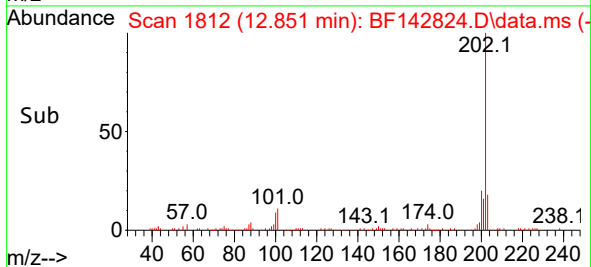
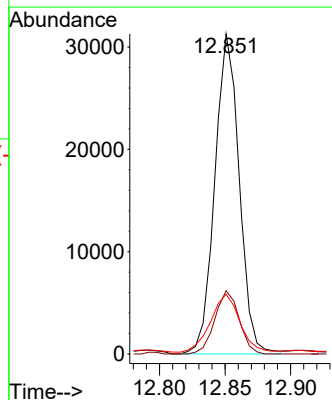
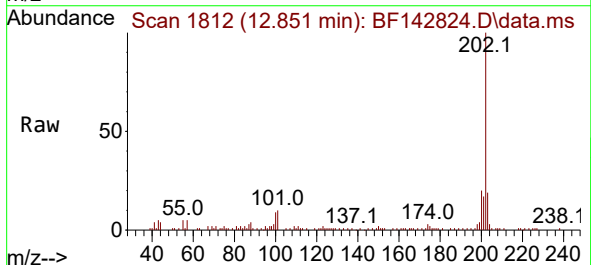
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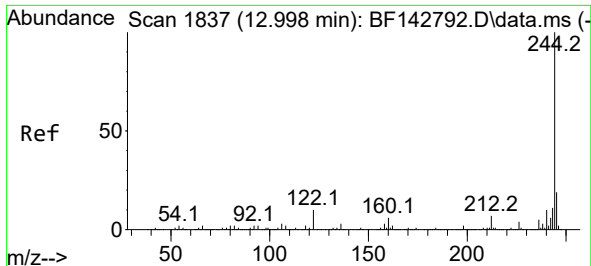
Tgt Ion:240 Resp: 191648
Ion Ratio Lower Upper
240 100
120 10.8 8.2 12.2
236 24.5 19.8 29.8



#78
Pyrene
Concen: 2.252 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF142824.D
Acq: 24 Jun 2025 17:33

Tgt Ion:202 Resp: 40452
Ion Ratio Lower Upper
202 100
200 19.7 15.7 23.5
203 18.7 13.8 20.6

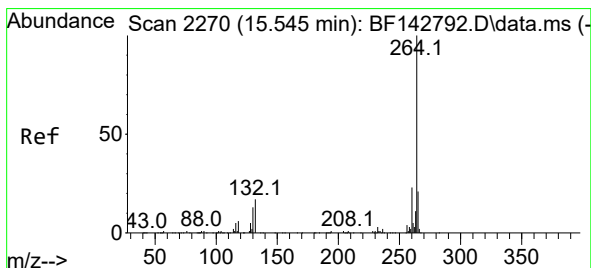
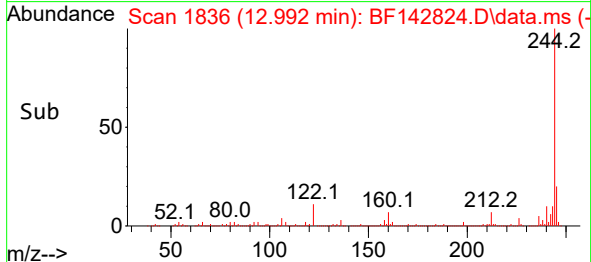
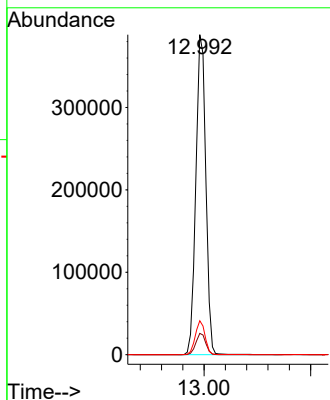
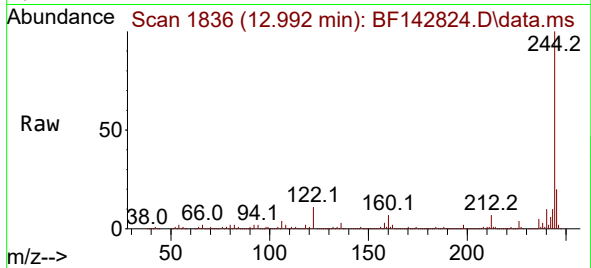




#79
Terphenyl-d14
Concen: 36.377 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF142824.D
Acq: 24 Jun 2025 17:33

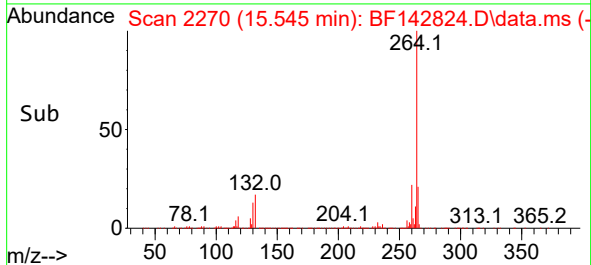
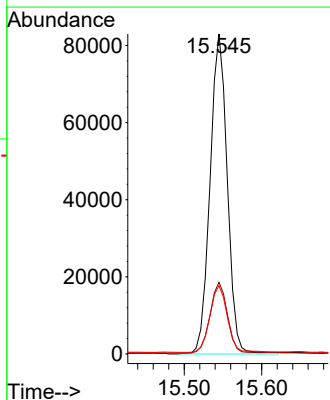
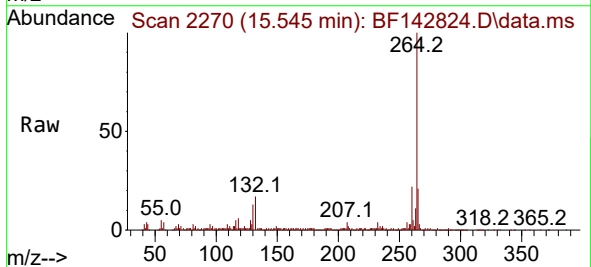
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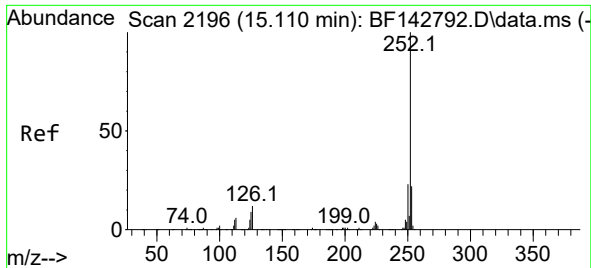
Tgt Ion:244 Resp: 504565
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 10.6 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142824.D
Acq: 24 Jun 2025 17:33

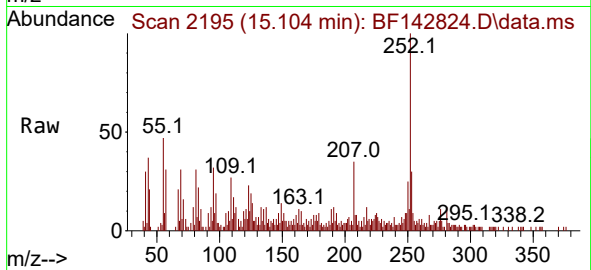
Tgt Ion:264 Resp: 128238
Ion Ratio Lower Upper
264 100
260 22.4 18.1 27.1
265 21.4 16.6 25.0





#88
Benzo(b)fluoranthene
Concen: 2.309 ng m
RT: 15.104 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142824.D
Acq: 24 Jun 2025 17:33

Instrument :
BNA_F
ClientSampleId :
PARK AVE -3



Tgt Ion:252 Resp: 17137
Ion Ratio Lower Upper
252 100
253 30.0 17.5 26.3#
125 18.8 7.4 11.0#

