

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
 Data File : BF142822.D
 Acq On : 24 Jun 2025 16:30
 Operator : RC/JU
 Sample : Q2392-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Quant Time: Jun 24 16:52:41 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)

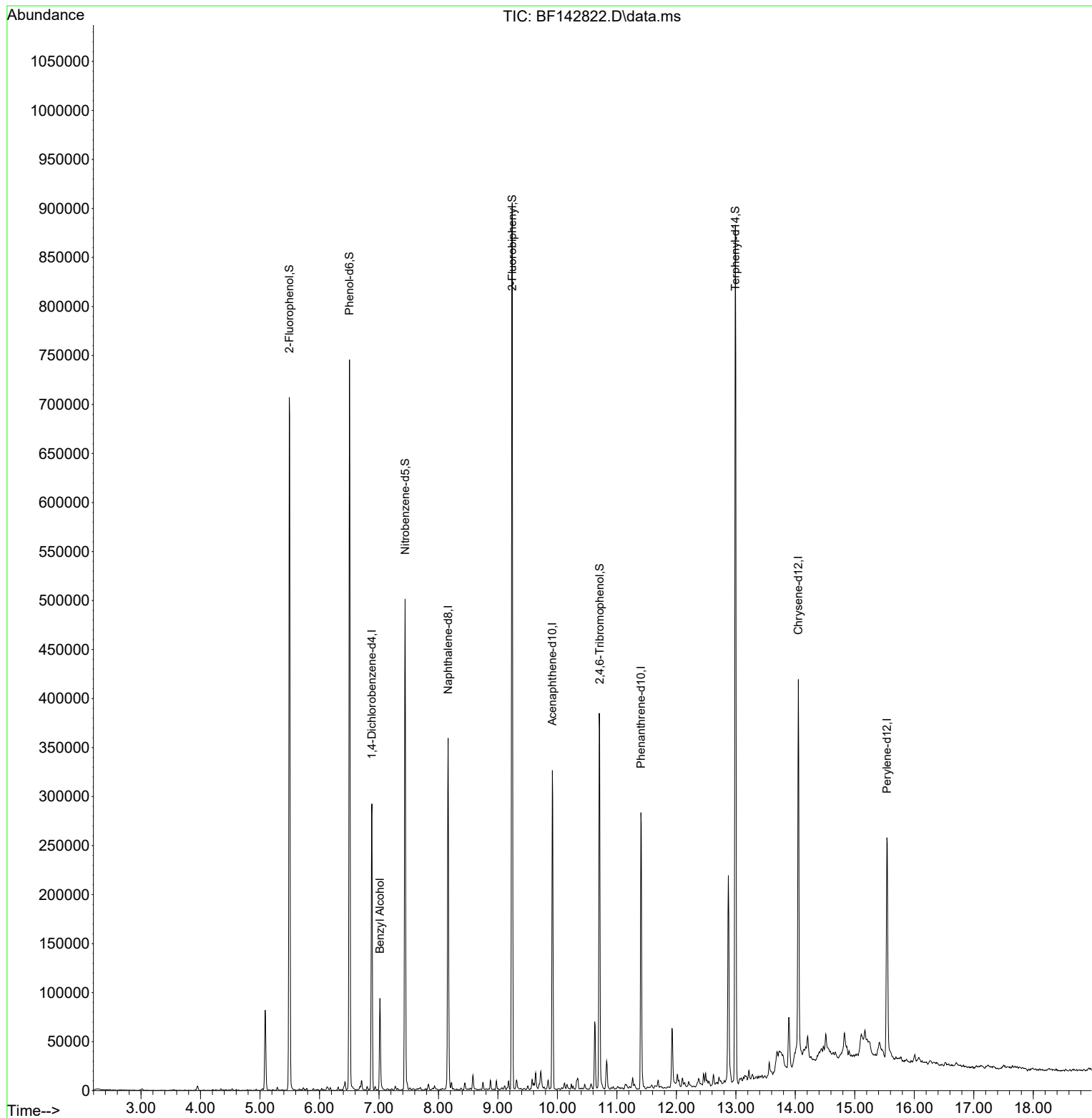
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	65181	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	225495	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	97224	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	150733	20.000	ng	0.00
76) Chrysene-d12	14.051	240	174997	20.000	ng	0.00
86) Perylene-d12	15.539	264	128764	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	274646	70.153	ng	0.00
7) Phenol-d6	6.504	99	328836	71.194	ng	0.00
23) Nitrobenzene-d5	7.439	82	204334	49.703	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	64950	64.917	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	409207	55.291	ng	0.00
79) Terphenyl-d14	12.992	244	412441	32.565	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.016	79	25541	7.649	ng	Qvalue 98

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

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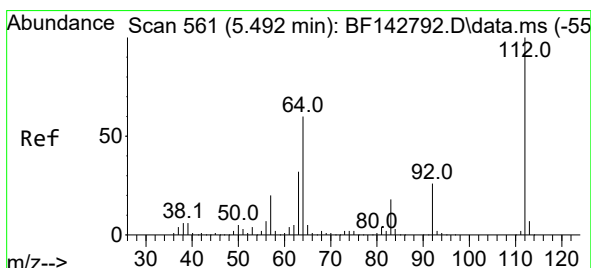
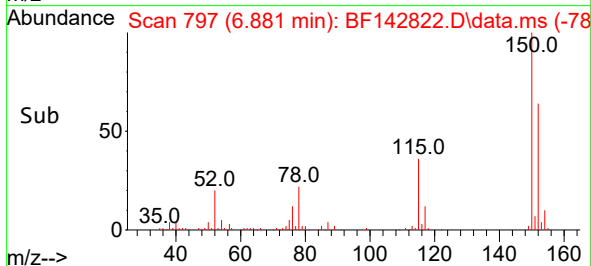
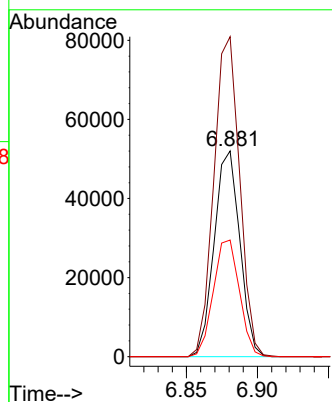
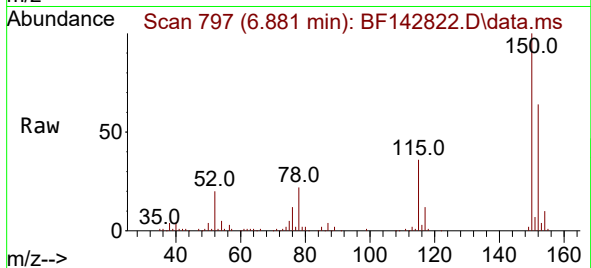




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF142822.D
Acq: 24 Jun 2025 16:30

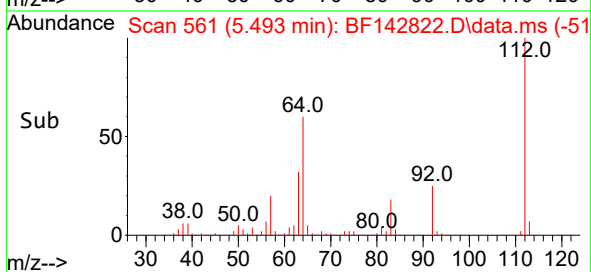
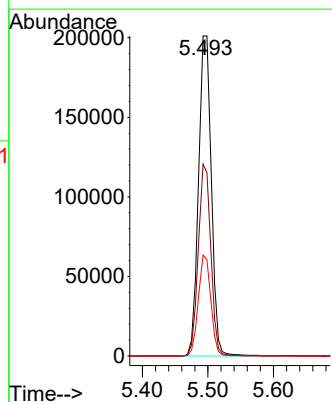
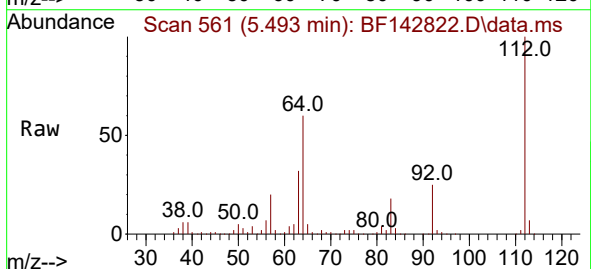
Instrument :
BNA_F
ClientSampleId :
S-1

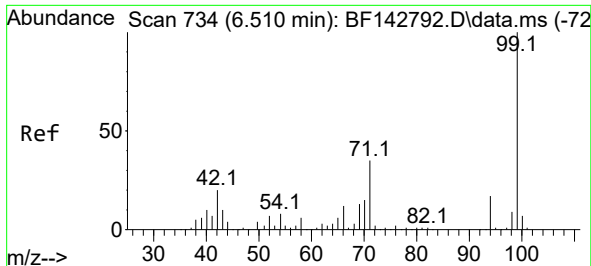
Tgt Ion:152 Resp: 65181
Ion Ratio Lower Upper
152 100
150 155.5 127.2 190.8
115 56.7 46.6 69.8



#5
2-Fluorophenol
Concen: 70.153 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.001 min
Lab File: BF142822.D
Acq: 24 Jun 2025 16:30

Tgt Ion:112 Resp: 274646
Ion Ratio Lower Upper
112 100
64 59.9 48.2 72.2
63 31.6 25.7 38.5

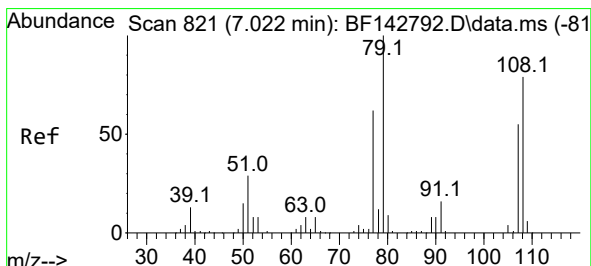
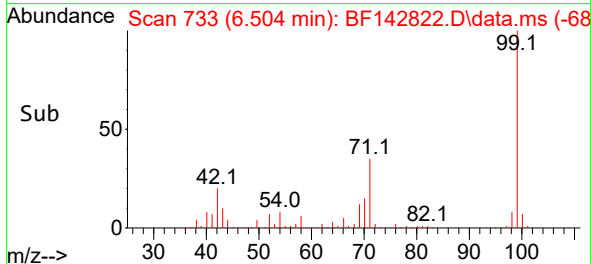
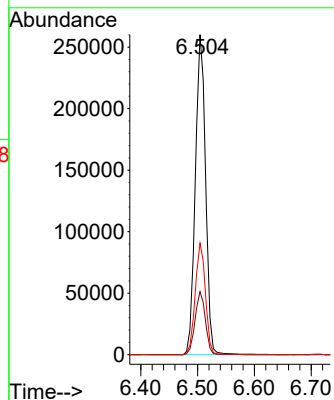
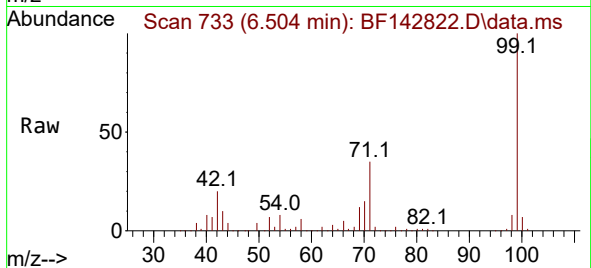




#7
Phenol-d6
Concen: 71.194 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142822.D
Acq: 24 Jun 2025 16:30

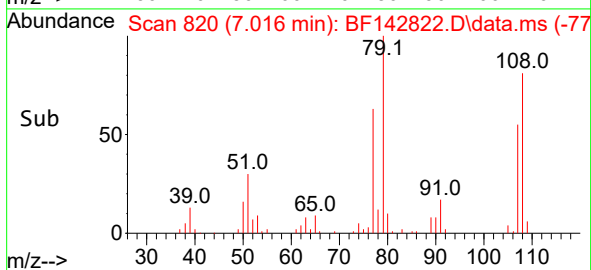
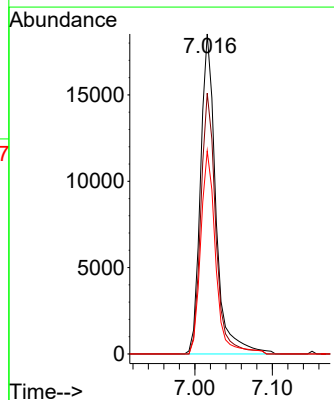
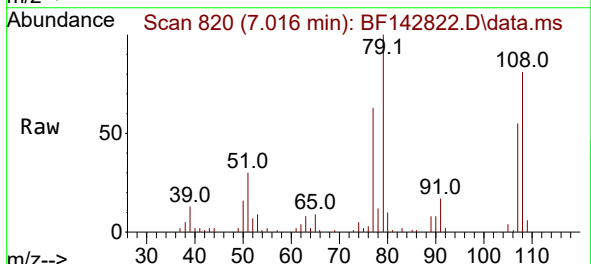
Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion: 99 Resp: 328836
Ion Ratio Lower Upper
99 100
42 19.7 15.9 23.9
71 34.8 27.8 41.8



#15
Benzyl Alcohol
Concen: 7.649 ng
RT: 7.016 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF142822.D
Acq: 24 Jun 2025 16:30

Tgt Ion: 79 Resp: 25541
Ion Ratio Lower Upper
79 100
108 81.5 63.4 95.0
77 63.4 49.5 74.3



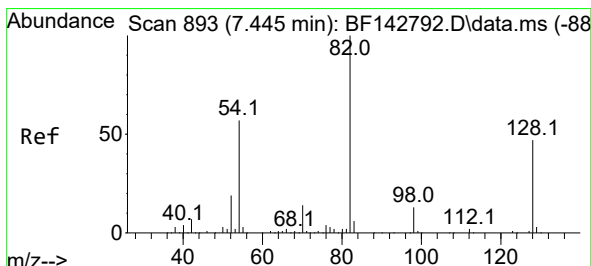
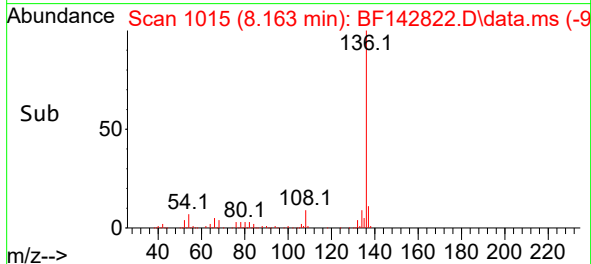
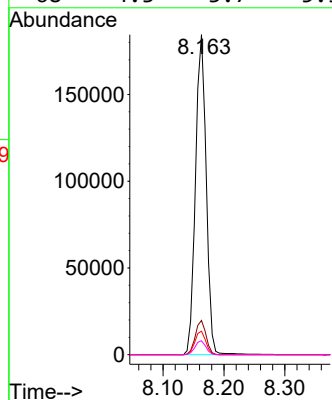
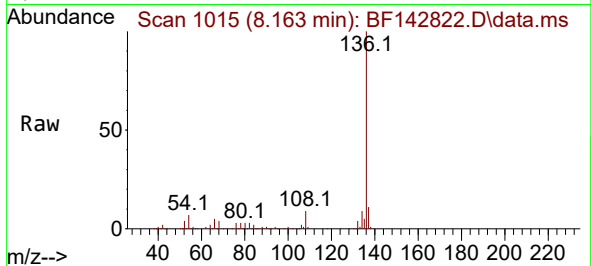


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF142822.D
Acq: 24 Jun 2025 16:30

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:136 Resp: 225495

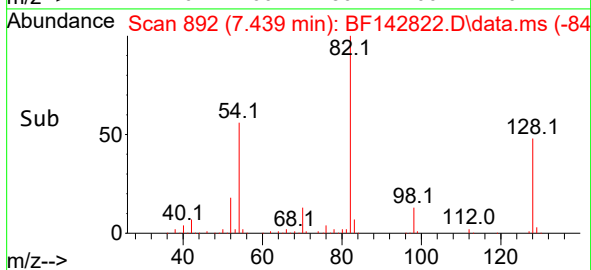
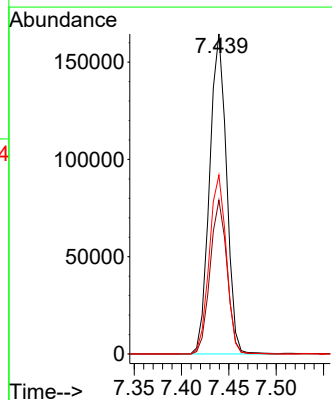
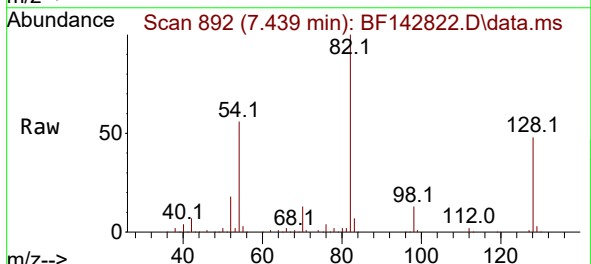
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	7.3	6.3	9.5
68	4.3	3.7	5.5

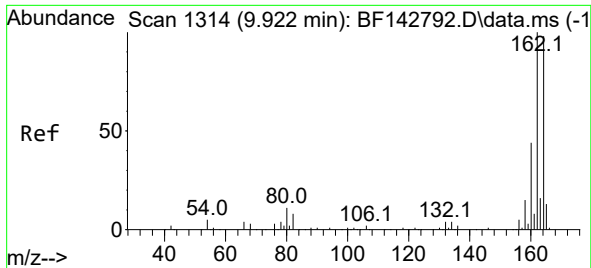


#23
Nitrobenzene-d5
Concen: 49.703 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF142822.D
Acq: 24 Jun 2025 16:30

Tgt Ion: 82 Resp: 204334

Ion	Ratio	Lower	Upper
82	100		
128	48.0	37.7	56.5
54	55.9	45.7	68.5

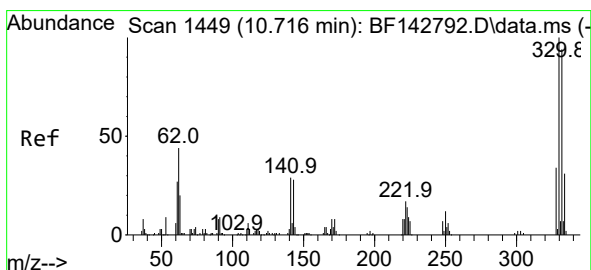
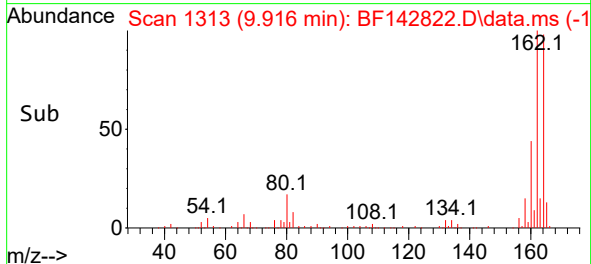
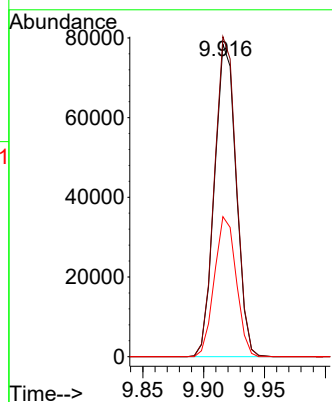
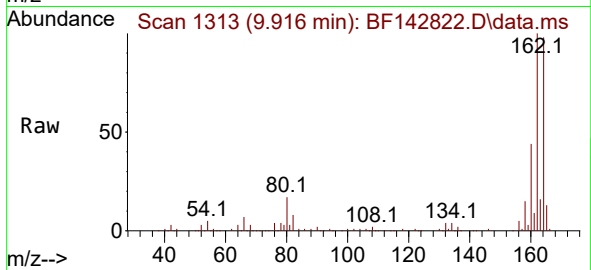




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142822.D
Acq: 24 Jun 2025 16:30

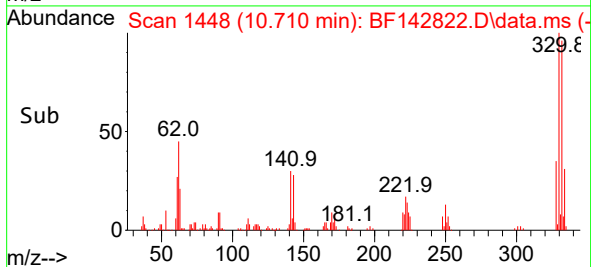
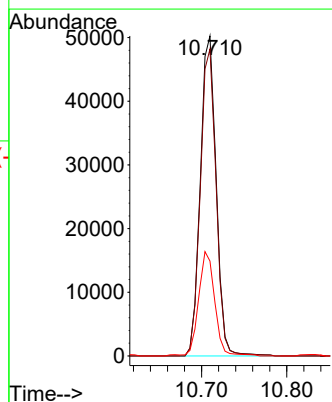
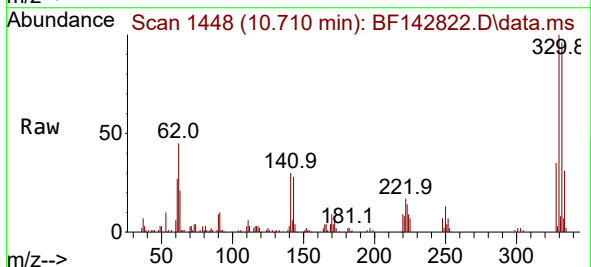
Instrument :
BNA_F
ClientSampleId :
S-1

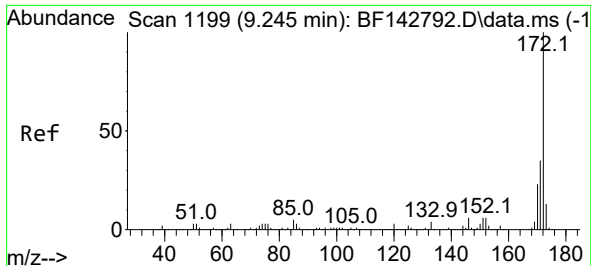
Tgt Ion:164 Resp: 97224
Ion Ratio Lower Upper
164 100
162 102.4 81.8 122.8
160 44.8 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 64.917 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142822.D
Acq: 24 Jun 2025 16:30

Tgt Ion:330 Resp: 64950
Ion Ratio Lower Upper
330 100
332 95.9 75.0 112.6
141 33.3 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 55.291 ng

RT: 9.239 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF142822.D

Acq: 24 Jun 2025 16:30

Instrument :

BNA_F

ClientSampleId :

S-1

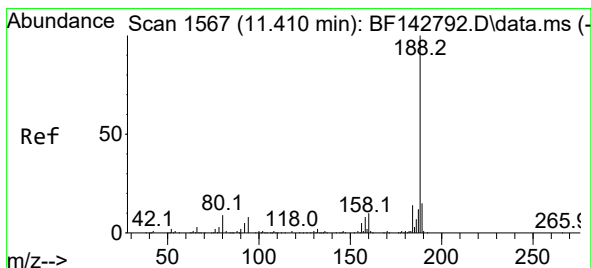
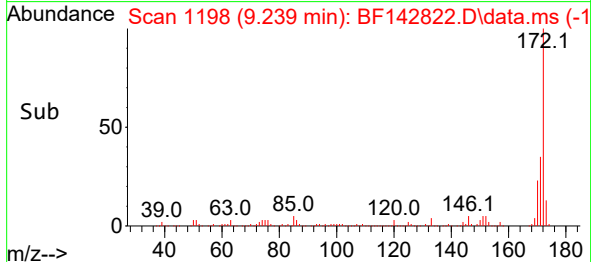
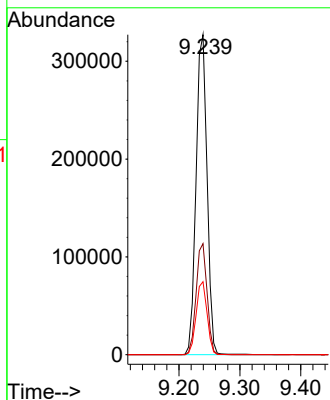
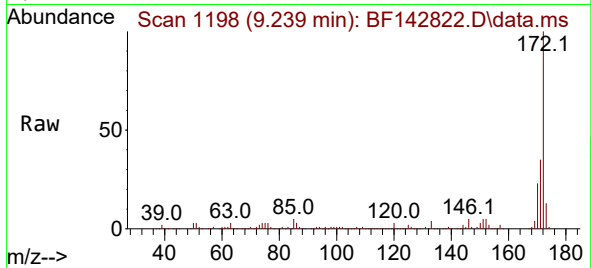
Tgt Ion:172 Resp: 409207

Ion Ratio Lower Upper

172 100

171 34.7 28.2 42.4

170 22.8 18.5 27.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1566

Delta R.T. -0.006 min

Lab File: BF142822.D

Acq: 24 Jun 2025 16:30

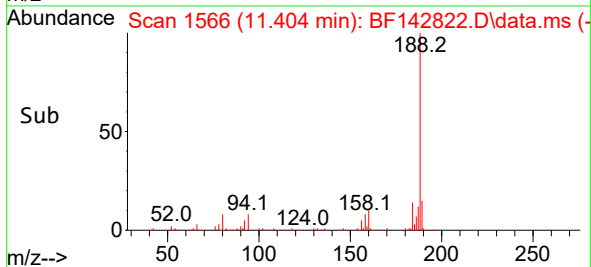
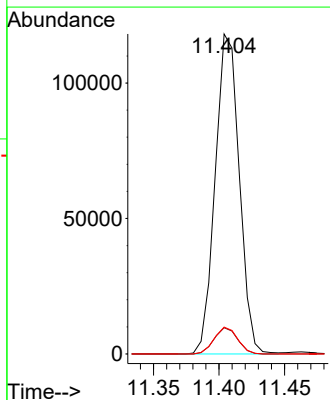
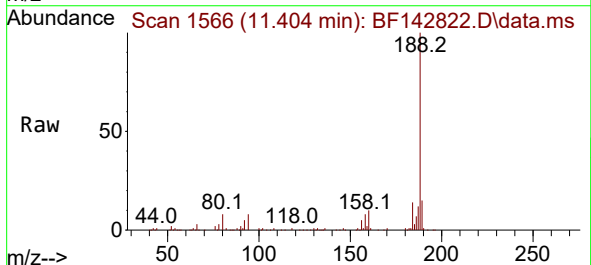
Tgt Ion:188 Resp: 150733

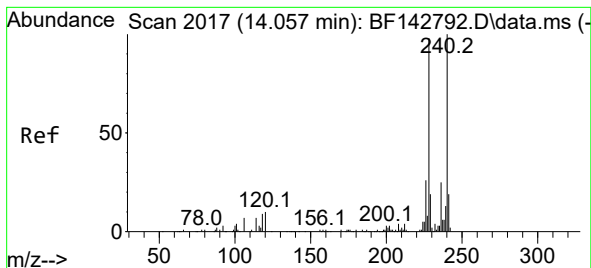
Ion Ratio Lower Upper

188 100

94 8.2 6.7 10.1

80 8.4 6.9 10.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF142822.D

Acq: 24 Jun 2025 16:30

Instrument :

BNA_F

ClientSampleId :

S-1

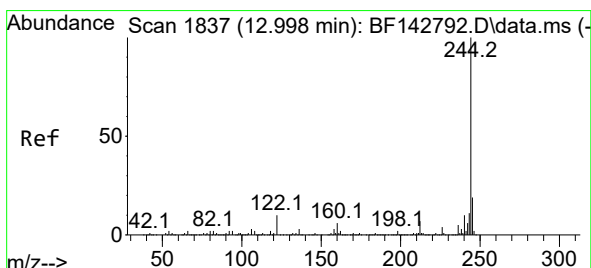
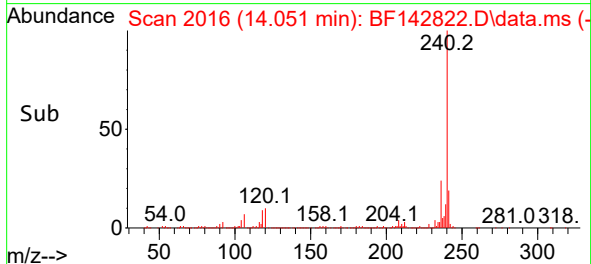
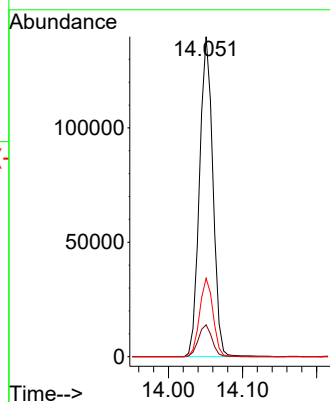
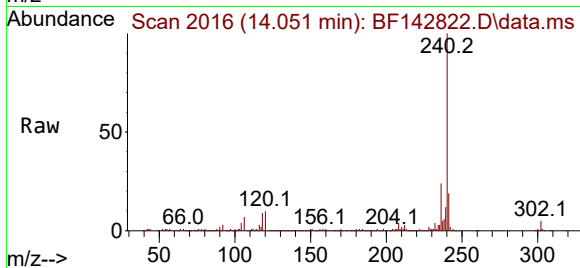
Tgt Ion:240 Resp: 174997

Ion Ratio Lower Upper

240 100

120 10.0 8.2 12.2

236 24.5 19.8 29.8



#79

Terphenyl-d14

Concen: 32.565 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.006 min

Lab File: BF142822.D

Acq: 24 Jun 2025 16:30

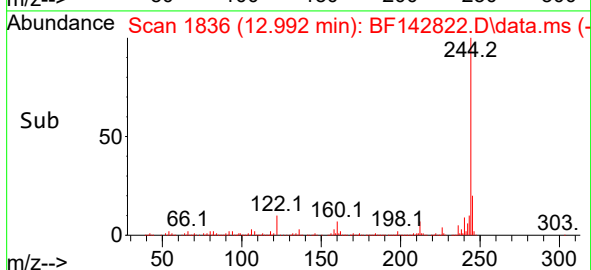
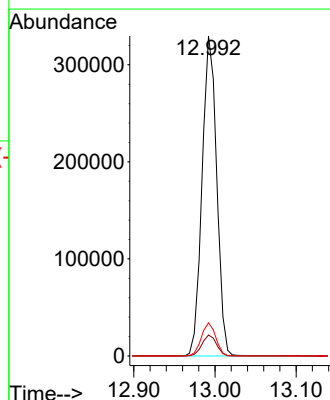
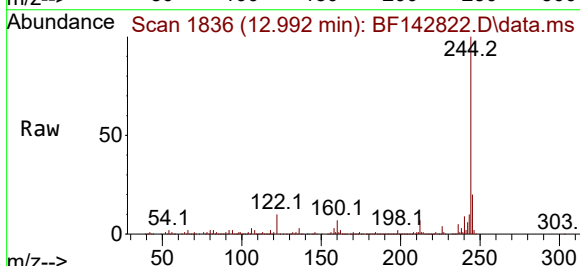
Tgt Ion:244 Resp: 412441

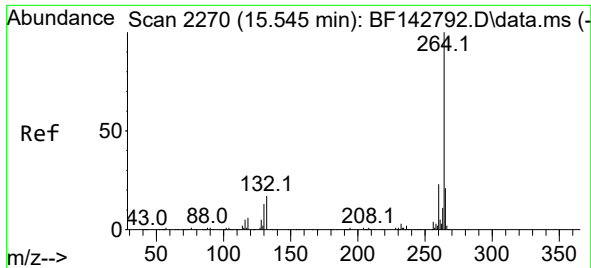
Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 10.4 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF142822.D
 Acq: 24 Jun 2025 16:30

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Tgt Ion:264 Resp: 128764
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.1 27.1
 265 21.1 16.6 25.0

