

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062325\
 Data File : BF142805.D
 Acq On : 23 Jun 2025 14:39
 Operator : RC/JU
 Sample : Q2367-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-5

Quant Time: Jun 24 06:40:51 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	66955	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	252321	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	132781	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	227233	20.000	ng	0.00
76) Chrysene-d12	14.051	240	147427	20.000	ng	0.00
86) Perylene-d12	15.539	264	127798	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	460277	114.454	ng	0.01
7) Phenol-d6	6.510	99	478423	100.835	ng	0.00
23) Nitrobenzene-d5	7.439	82	381958	83.032	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	184947	135.353	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	800944	79.242	ng	0.00
79) Terphenyl-d14	12.998	244	771477	72.304	ng	0.00

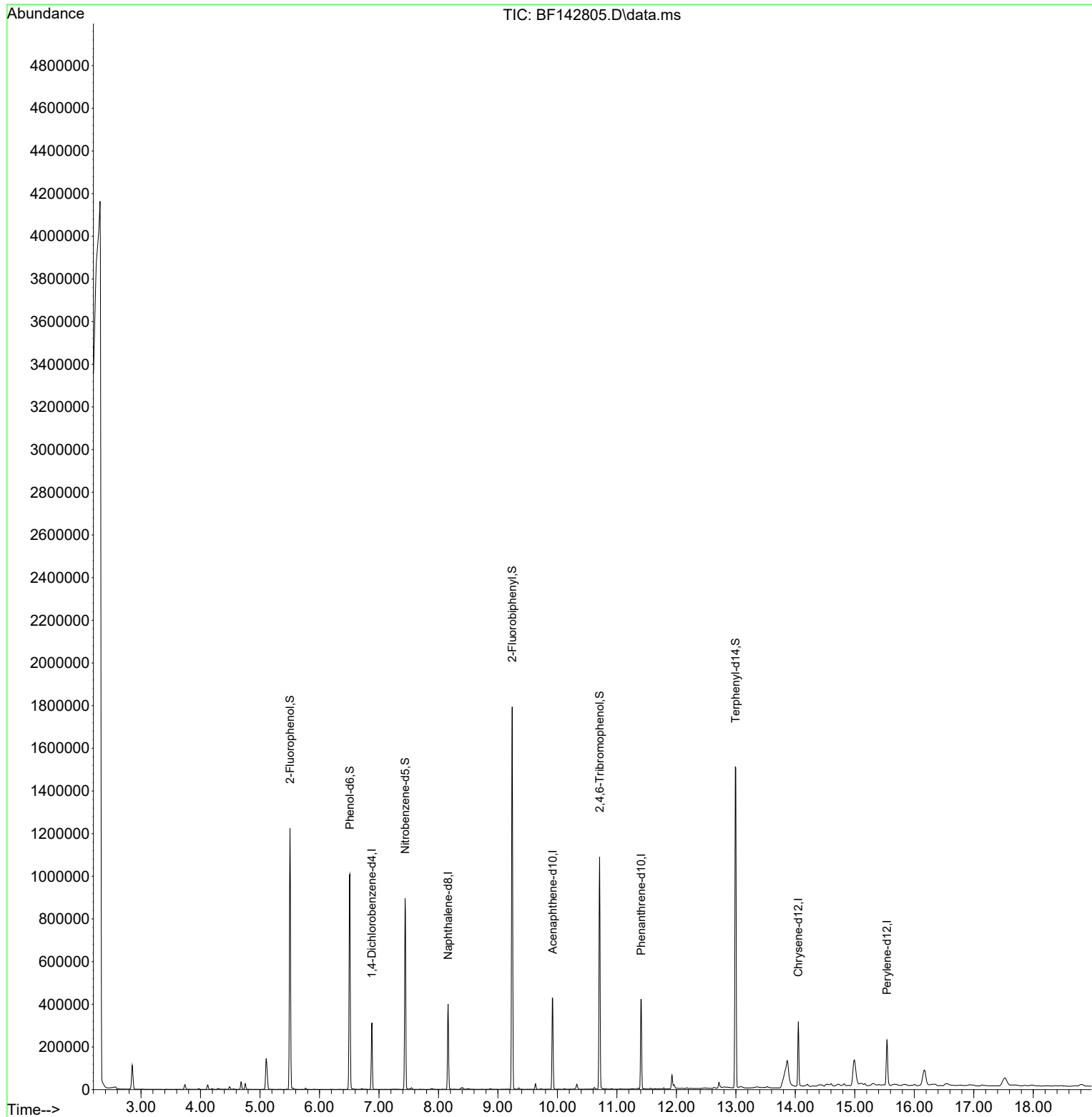
Target Compounds	Qvalue

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

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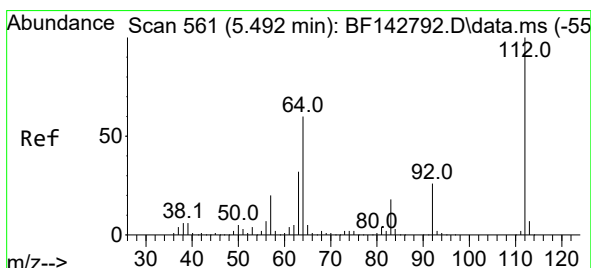
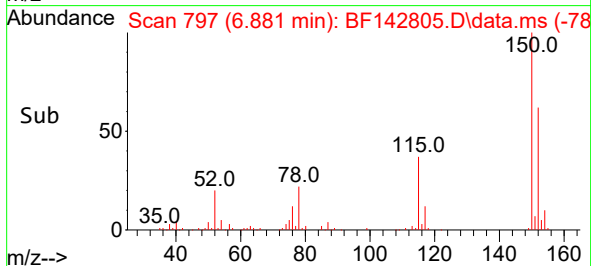
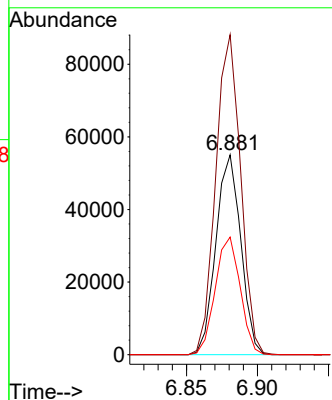
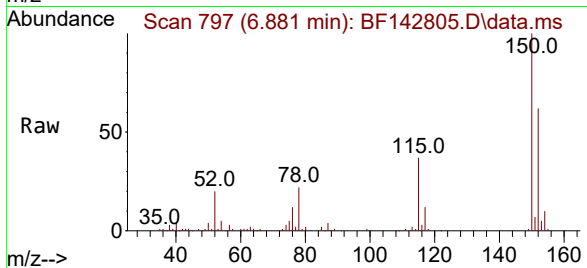




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

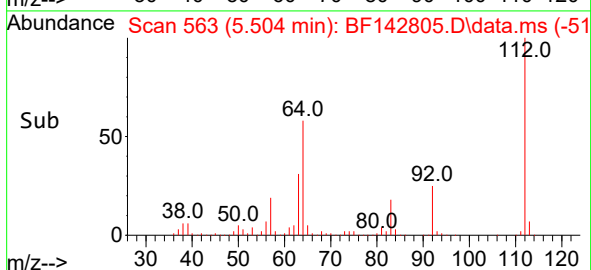
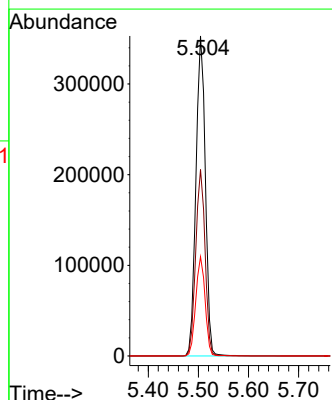
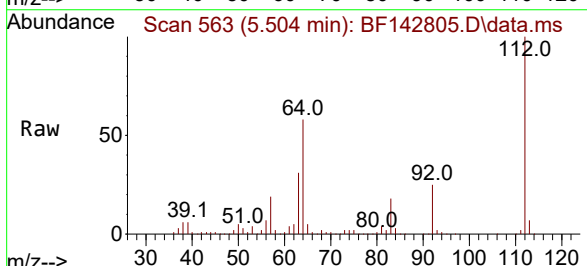
Instrument :
BNA_F
ClientSampleId :
EP-5

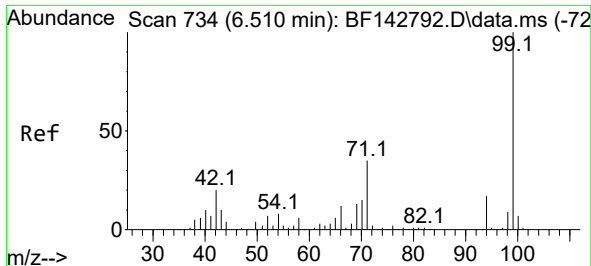
Tgt Ion:152 Resp: 66955
Ion Ratio Lower Upper
152 100
150 160.2 127.2 190.8
115 58.9 46.6 69.8



#5
2-Fluorophenol
Concen: 114.454 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

Tgt Ion:112 Resp: 460277
Ion Ratio Lower Upper
112 100
64 58.2 48.2 72.2
63 31.0 25.7 38.5

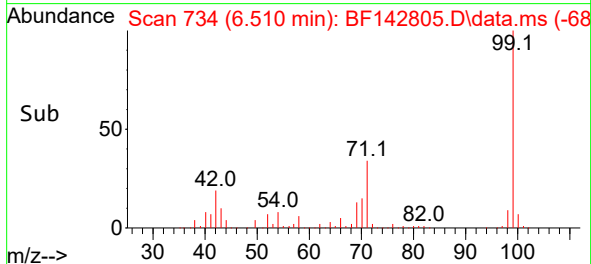
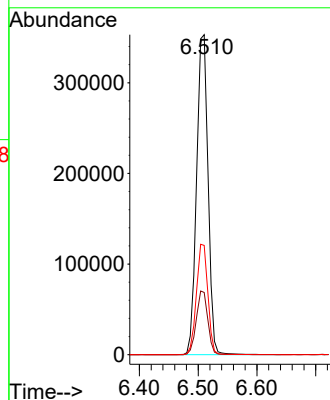
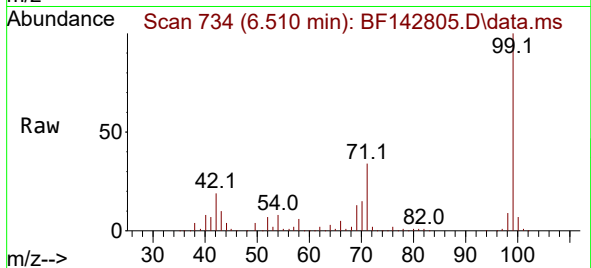




#7
Phenol-d6
Concen: 100.835 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

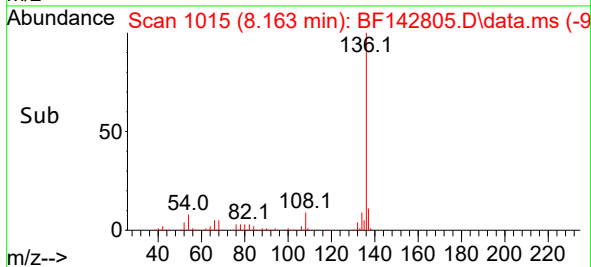
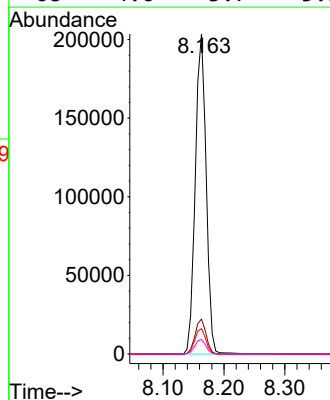
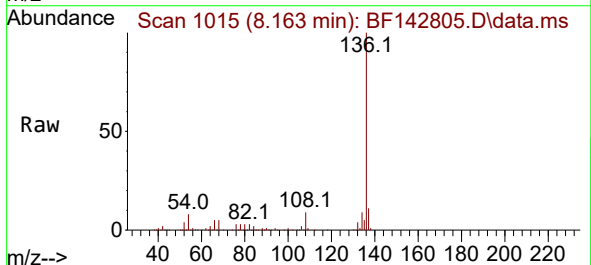
Instrument :
BNA_F
ClientSampleId :
EP-5

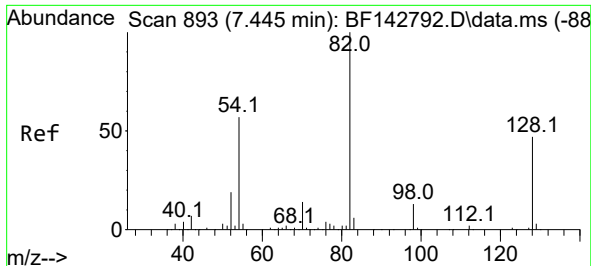
Tgt Ion: 99 Resp: 478423
Ion Ratio Lower Upper
99 100
42 19.4 15.9 23.9
71 34.2 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

Tgt Ion: 136 Resp: 252321
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 7.9 6.3 9.5
68 4.6 3.7 5.5





#23

Nitrobenzene-d5

Concen: 83.032 ng

RT: 7.439 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF142805.D

Acq: 23 Jun 2025 14:39

Instrument :

BNA_F

ClientSampleId :

EP-5

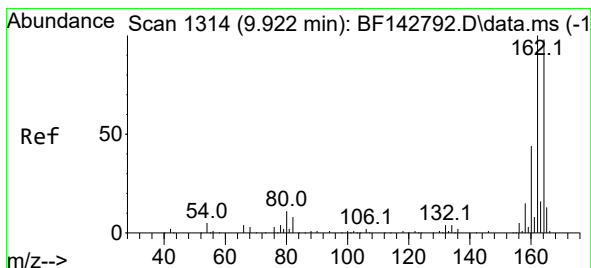
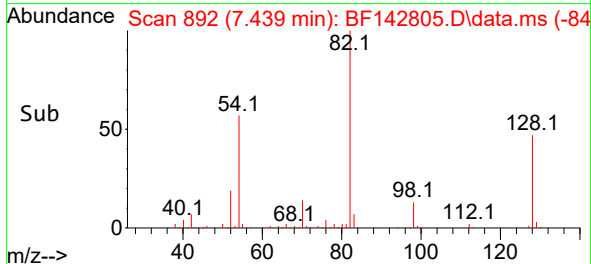
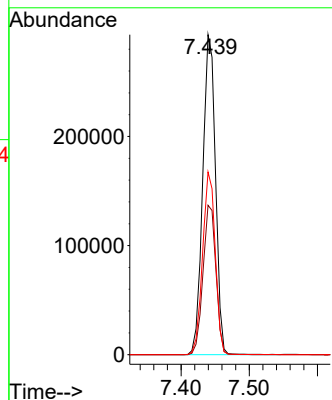
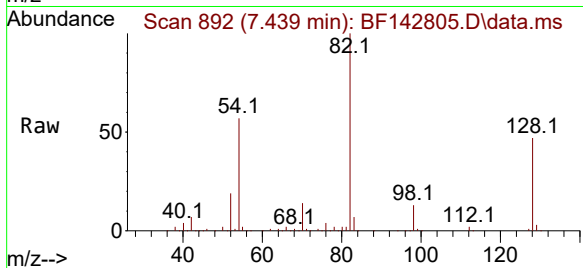
Tgt Ion: 82 Resp: 381958

Ion Ratio Lower Upper

82 100

128 46.7 37.7 56.5

54 57.1 45.7 68.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. 0.000 min

Lab File: BF142805.D

Acq: 23 Jun 2025 14:39

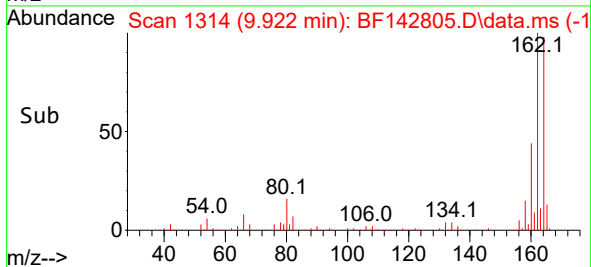
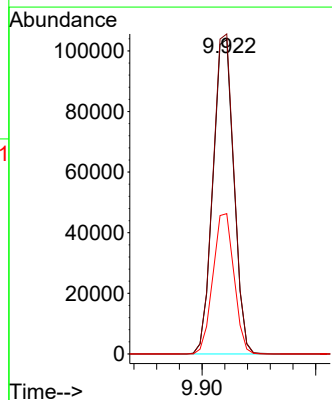
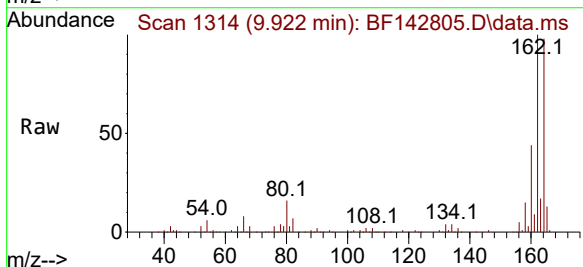
Tgt Ion:164 Resp: 132781

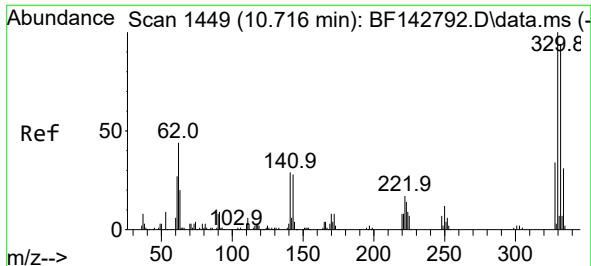
Ion Ratio Lower Upper

164 100

162 101.8 81.8 122.8

160 44.6 36.0 54.0

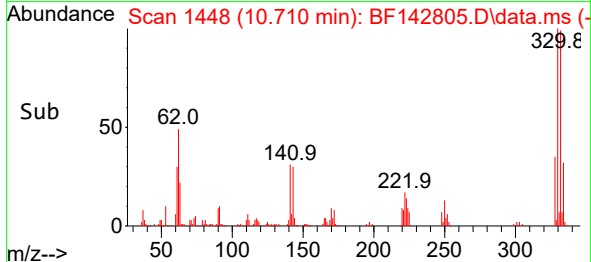
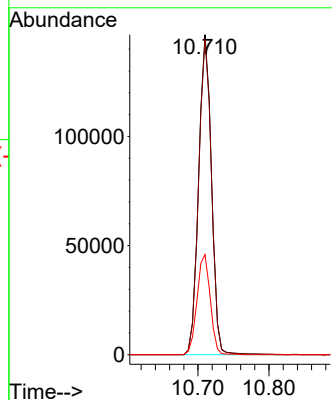
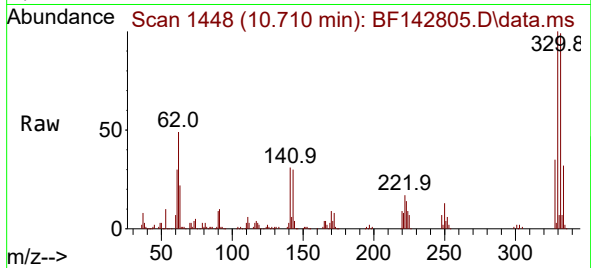




#42
2,4,6-Tribromophenol
Concen: 135.353 ng
RT: 10.710 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

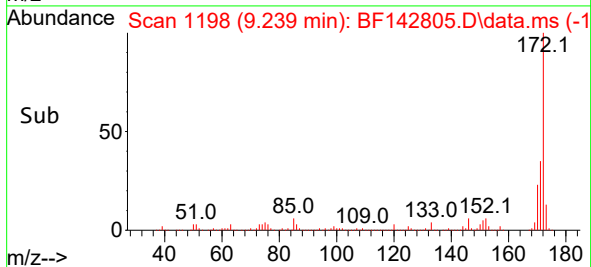
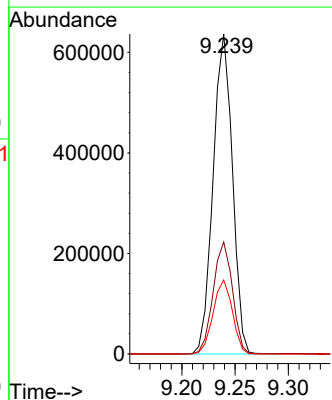
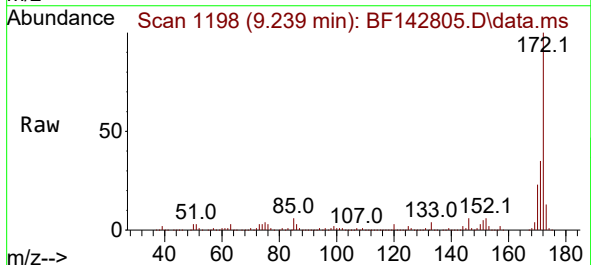
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Tgt Ion:330 Resp: 184947
Ion Ratio Lower Upper
330 100
332 98.6 75.0 112.6
141 32.1 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 79.242 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

Tgt Ion:172 Resp: 800944
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.1 18.5 27.7

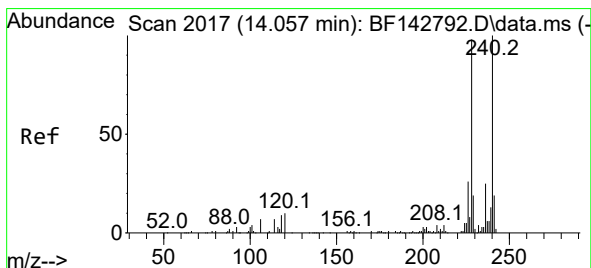
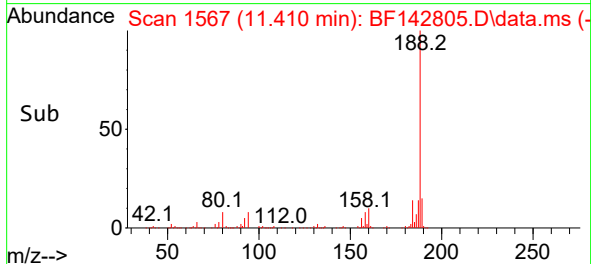
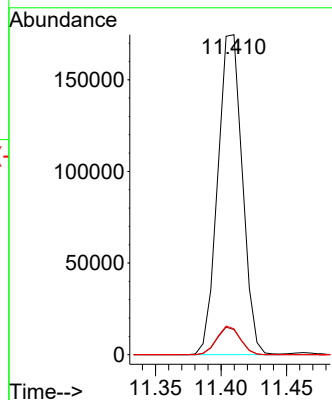
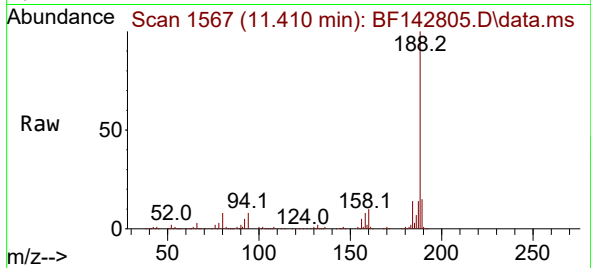




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

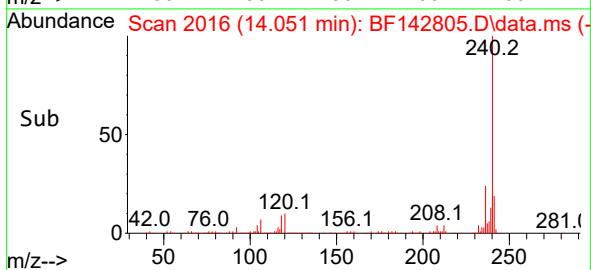
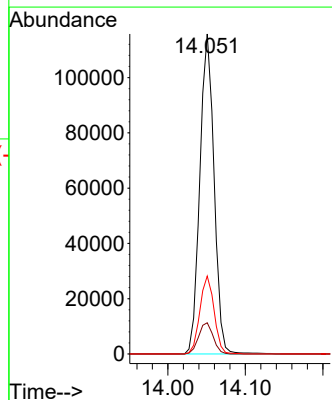
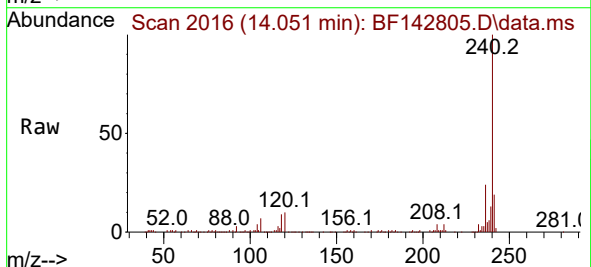
Instrument :
BNA_F
ClientSampleId :
EP-5

Tgt Ion:188 Resp: 227233
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 8.1 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142805.D
Acq: 23 Jun 2025 14:39

Tgt Ion:240 Resp: 147427
Ion Ratio Lower Upper
240 100
120 9.7 8.2 12.2
236 24.4 19.8 29.8

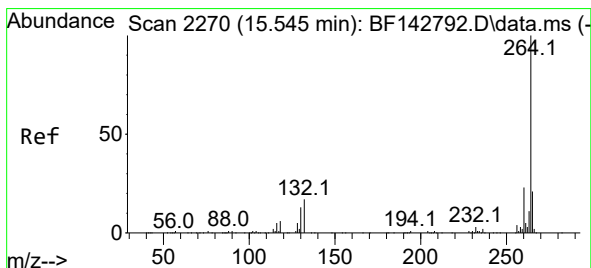
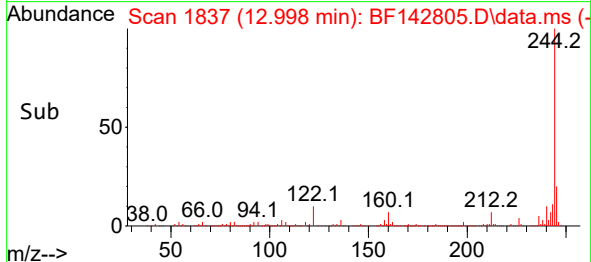
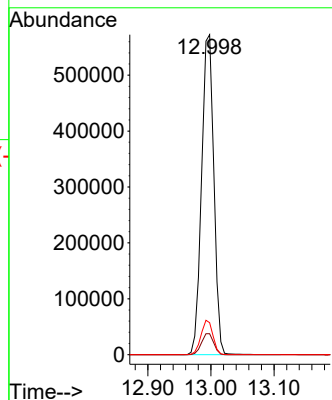
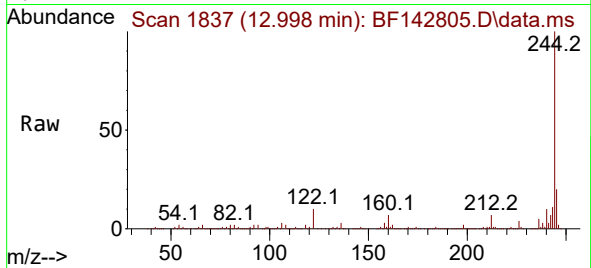




#79
 Terphenyl-d14
 Concen: 72.304 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: BF142805.D
 Acq: 23 Jun 2025 14:39

Instrument :
 BNA_F
 ClientSampleId :
 EP-5

Tgt Ion:244 Resp: 771477
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.0 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF142805.D
 Acq: 23 Jun 2025 14:39

Tgt Ion:264 Resp: 127798
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.1 27.1
 265 21.0 16.6 25.0

