

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
 Data File : BF142408.D
 Acq On : 15 May 2025 23:01
 Operator : RC/JU
 Sample : Q1982-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: May 16 01:10:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	156800	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	595096	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	309030	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	471561	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	353038	20.000	ng	0.00
86) Perylene-d12	15.551	264	254978	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	734163	79.928	ng	0.00
7) Phenol-d6	6.522	99	910993	80.639	ng	0.00
23) Nitrobenzene-d5	7.457	82	533295	54.654	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	243192	81.509	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1106839	51.070	ng	0.00
79) Terphenyl-d14	13.010	244	935108	39.204	ng	0.00

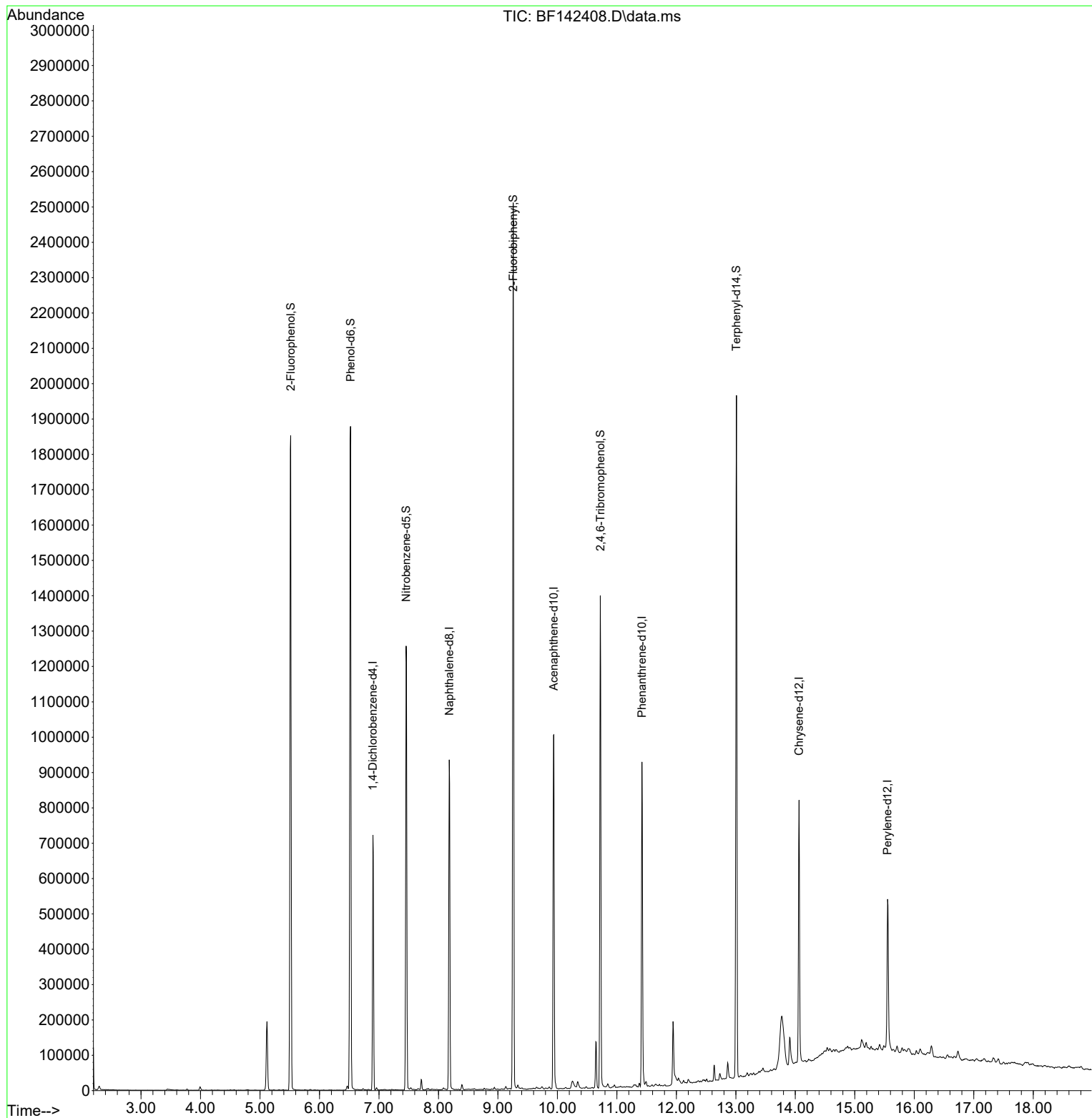
Target Compounds	Qvalue

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

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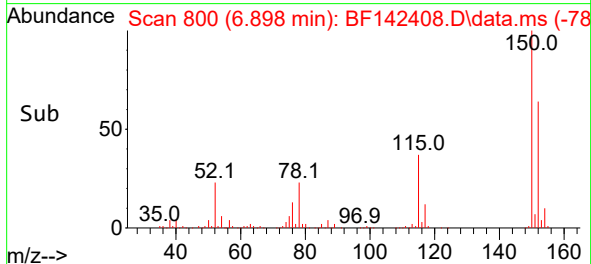
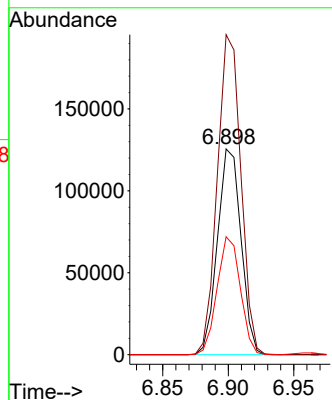
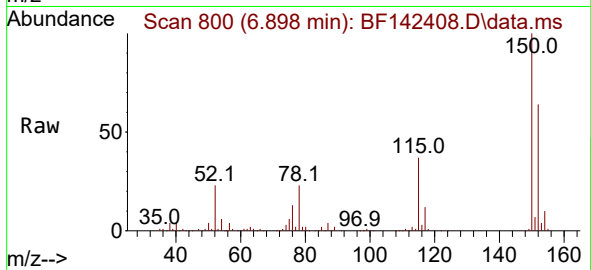




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142408.D
Acq: 15 May 2025 23:01

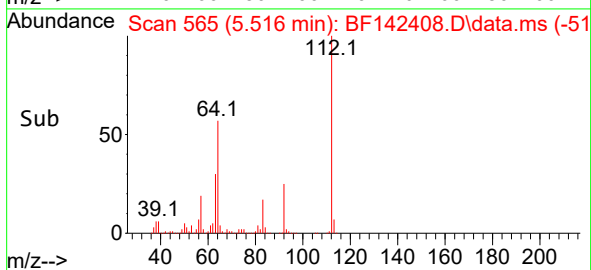
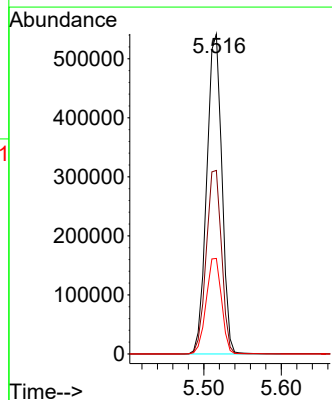
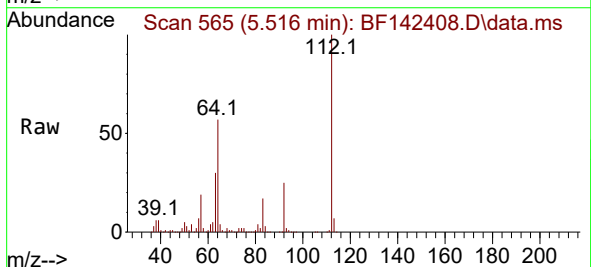
Instrument :
BNA_F
ClientSampleId :
TP-5

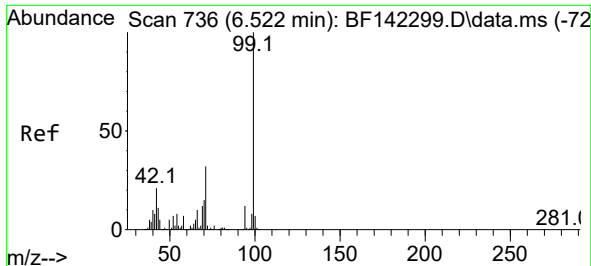
Tgt Ion:152 Resp: 156800
Ion Ratio Lower Upper
152 100
150 155.5 126.6 190.0
115 57.3 47.3 70.9



#5
2-Fluorophenol
Concen: 79.928 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF142408.D
Acq: 15 May 2025 23:01

Tgt Ion:112 Resp: 734163
Ion Ratio Lower Upper
112 100
64 57.3 48.9 73.3
63 29.9 25.6 38.4

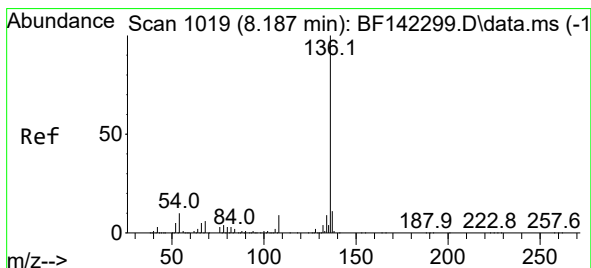
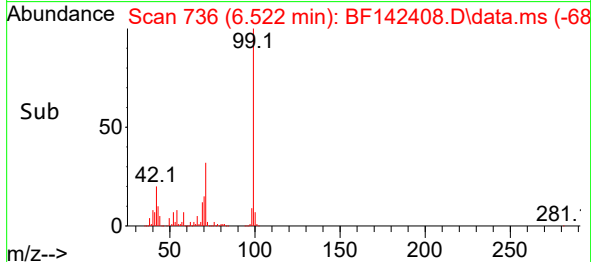
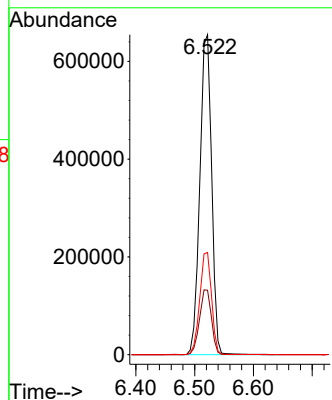
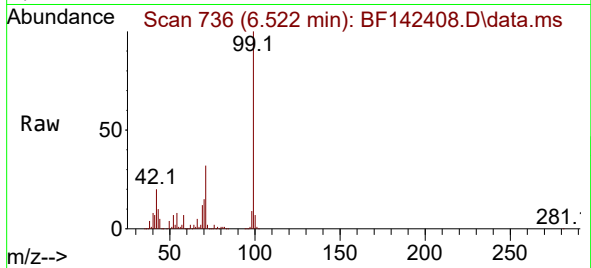




#7
Phenol-d6
Concen: 80.639 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142408.D
Acq: 15 May 2025 23:01

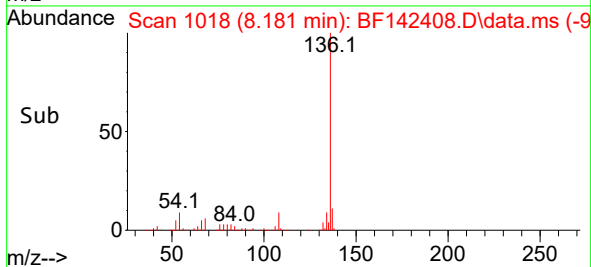
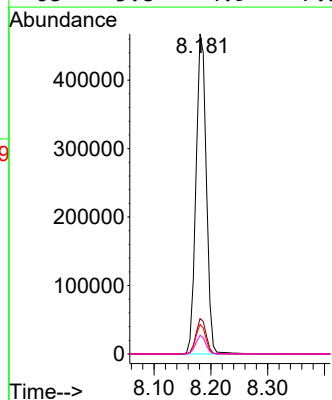
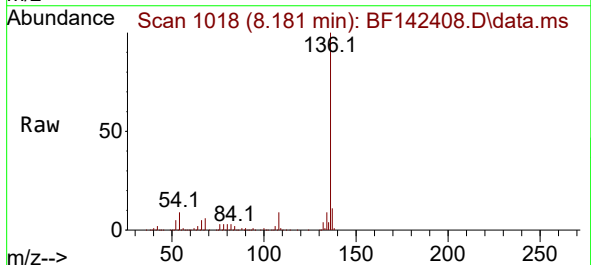
Instrument :
BNA_F
ClientSampleId :
TP-5

Tgt Ion: 99 Resp: 910993
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.4
71 32.0 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142408.D
Acq: 15 May 2025 23:01

Tgt Ion: 136 Resp: 595096
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.2 7.7 11.5
68 5.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 54.654 ng

RT: 7.457 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF142408.D

Acq: 15 May 2025 23:01

Instrument :

BNA_F

ClientSampleId :

TP-5

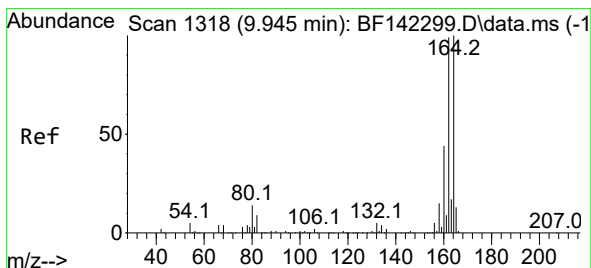
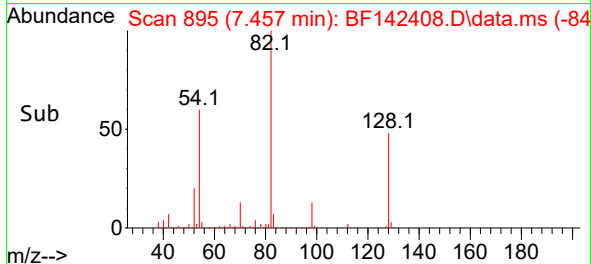
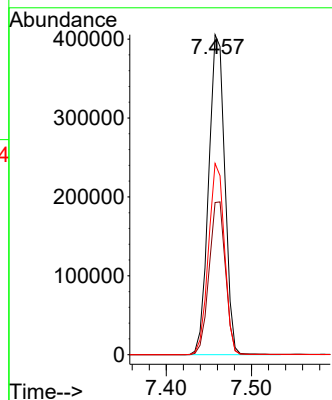
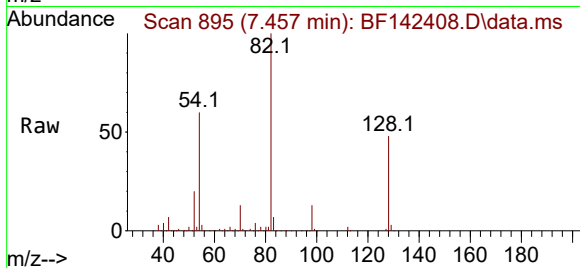
Tgt Ion: 82 Resp: 533295

Ion Ratio Lower Upper

82 100

128 47.6 37.0 55.6

54 59.8 48.6 73.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF142408.D

Acq: 15 May 2025 23:01

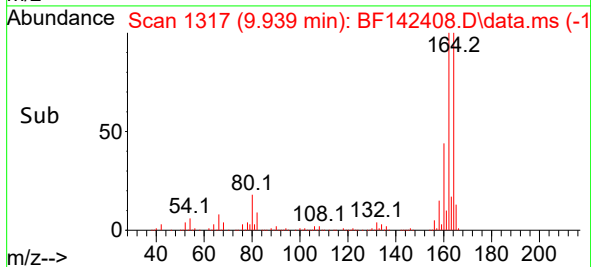
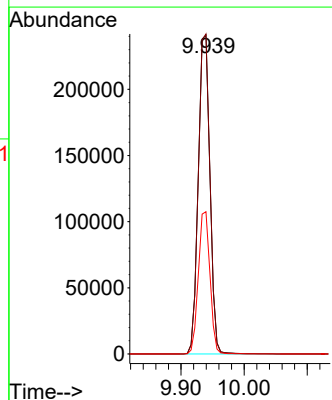
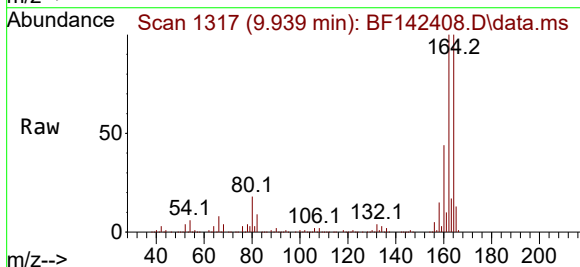
Tgt Ion:164 Resp: 309030

Ion Ratio Lower Upper

164 100

162 100.4 79.2 118.8

160 44.6 35.3 52.9

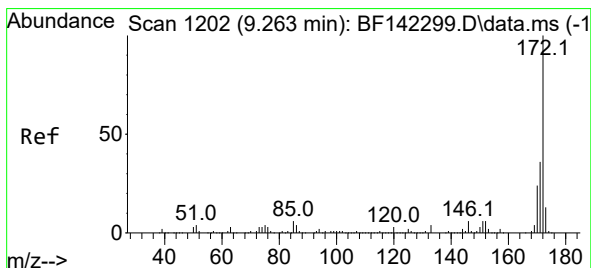
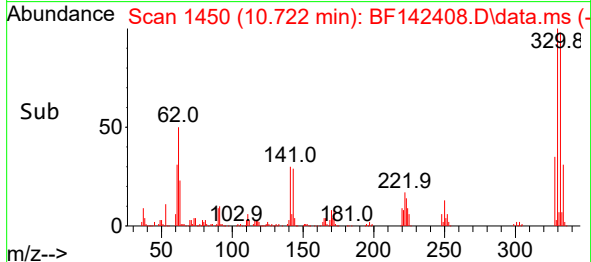
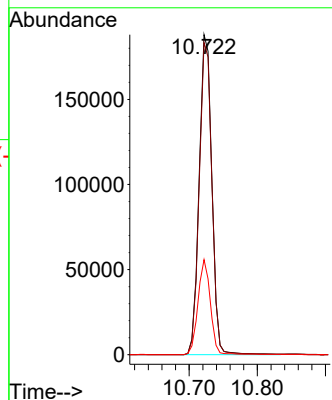
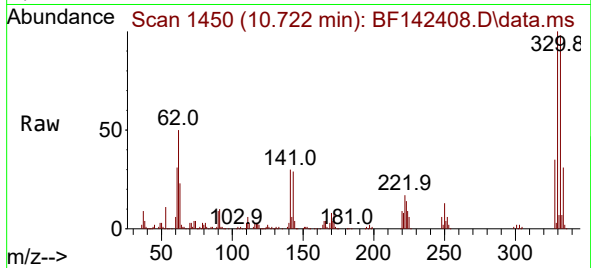




#42
2,4,6-Tribromophenol
Concen: 81.509 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF142408.D
Acq: 15 May 2025 23:01

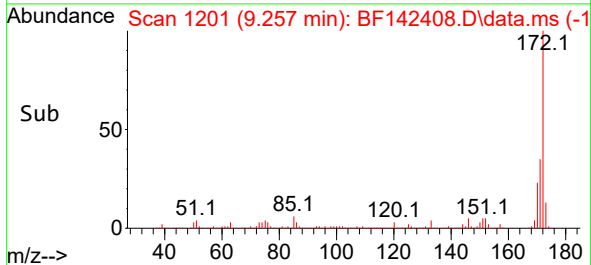
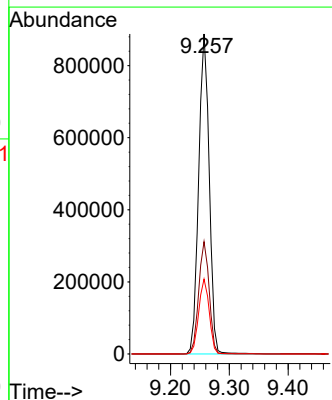
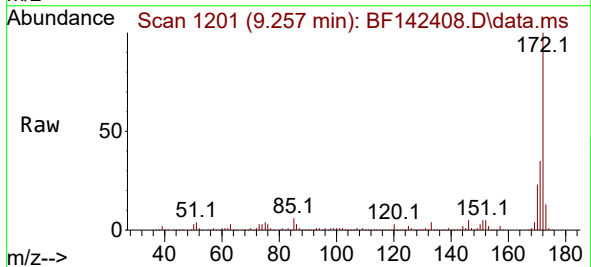
Instrument :
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TP-5

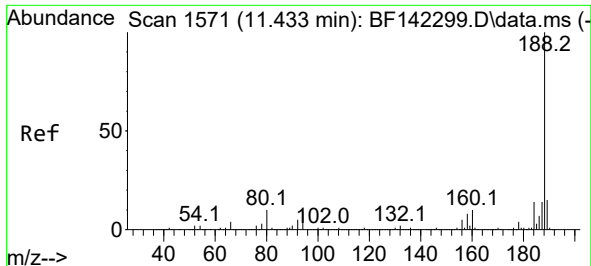
Tgt Ion: 330 Resp: 243192
Ion Ratio Lower Upper
330 100
332 97.5 76.8 115.2
141 29.2 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 51.070 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142408.D
Acq: 15 May 2025 23:01

Tgt Ion: 172 Resp: 1106839
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.4 19.0 28.4

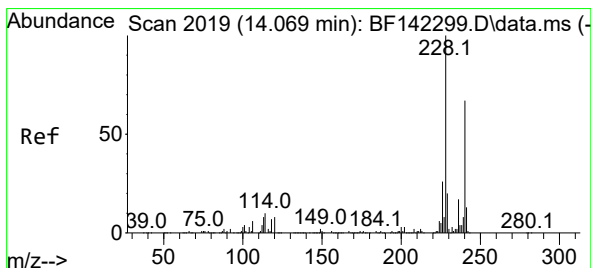
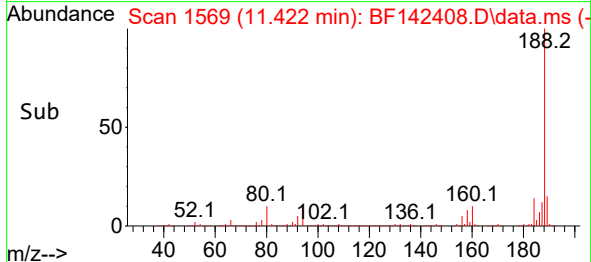
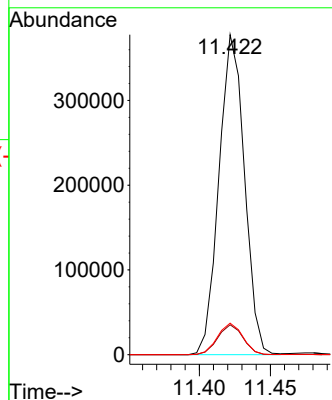
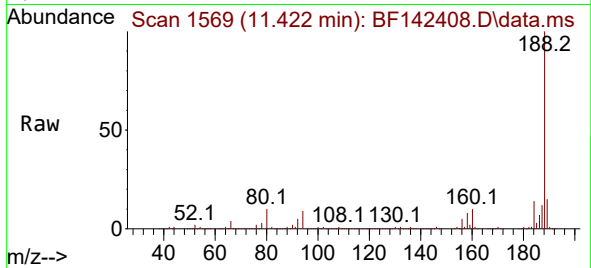




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142408.D
Acq: 15 May 2025 23:01

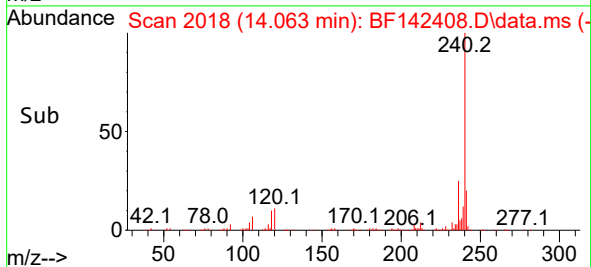
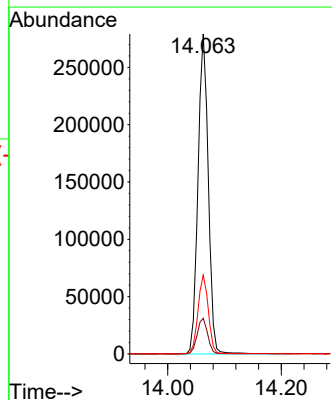
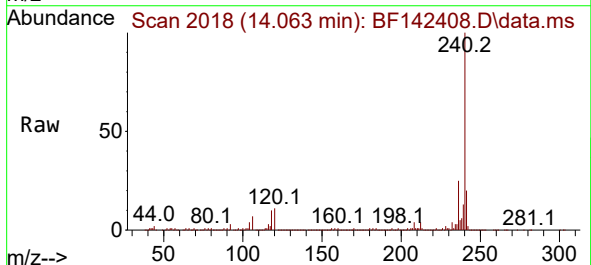
Instrument :
BNA_F
ClientSampleId :
TP-5

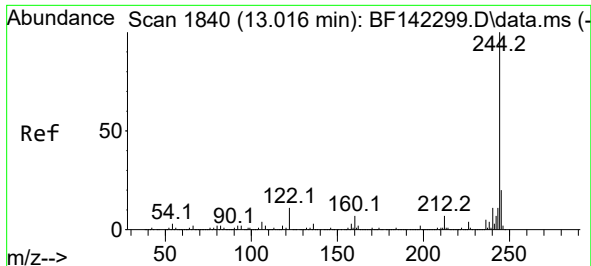
Tgt Ion:188 Resp: 471561
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 9.8 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142408.D
Acq: 15 May 2025 23:01

Tgt Ion:240 Resp: 353038
Ion Ratio Lower Upper
240 100
120 11.2 9.7 14.5
236 24.7 20.0 30.0

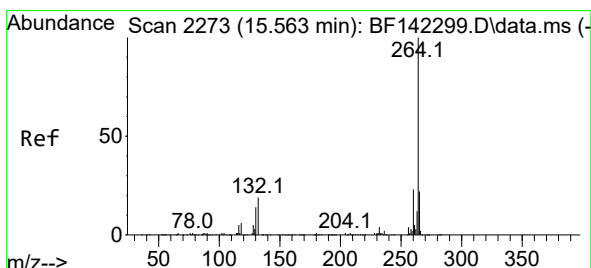
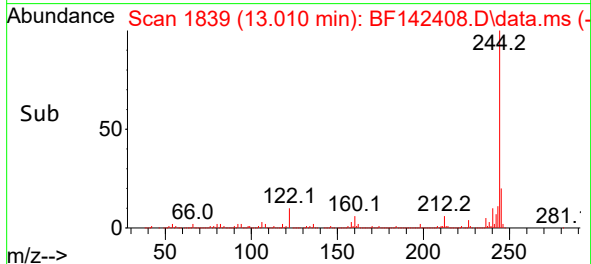
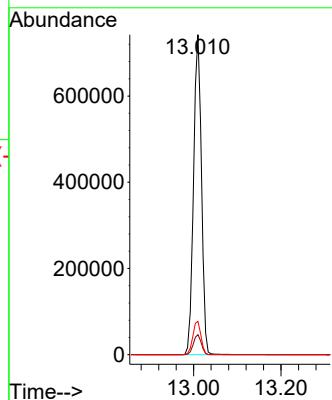
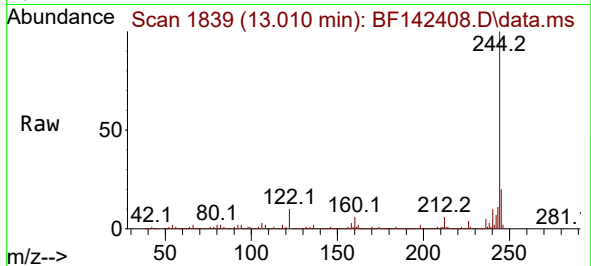




#79
 Terphenyl-d14
 Concen: 39.204 ng
 RT: 13.010 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142408.D
 Acq: 15 May 2025 23:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tgt Ion:244 Resp: 935108
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.2
 122 10.4 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2271
 Delta R.T. -0.012 min
 Lab File: BF142408.D
 Acq: 15 May 2025 23:01

Tgt Ion:264 Resp: 254978
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.6 27.8
 265 21.8 17.5 26.3

