

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
 Data File : BF142628.D
 Acq On : 05 Jun 2025 12:08
 Operator : RC/JU
 Sample : Q2194-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-13

Quant Time: Jun 05 12:42:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	120127	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	456079	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	238422	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	391024	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	244537	20.000	ng	#-0.01
86) Perylene-d12	15.563	264	253870	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	710186	99.602	ng	0.00
7) Phenol-d6	6.522	99	865767	100.869	ng	-0.01
23) Nitrobenzene-d5	7.457	82	520828	62.270	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	265996	100.521	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	1034774	58.238	ng	-0.02
79) Terphenyl-d14	13.010	244	901048	50.353	ng	0.00

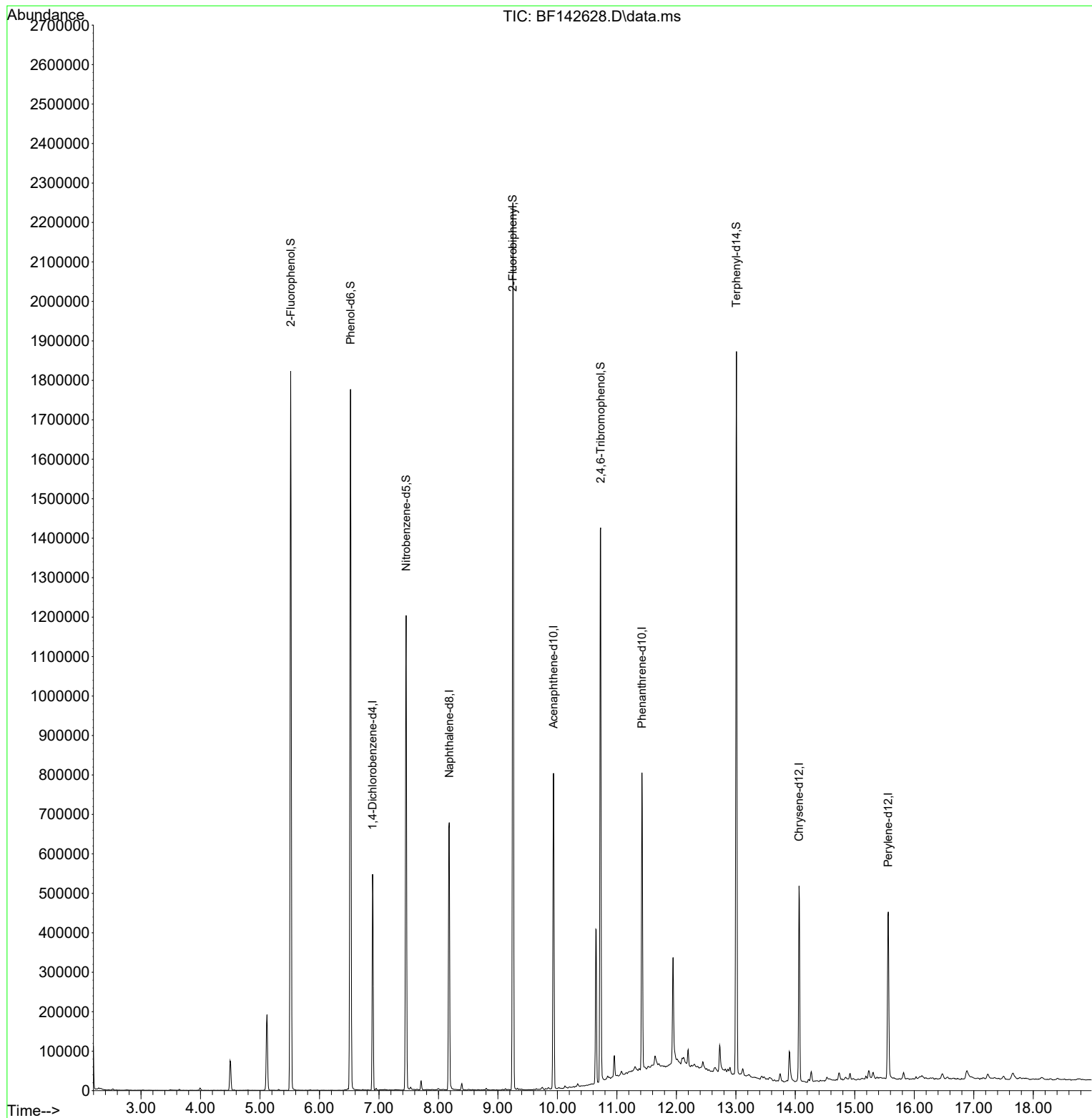
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
Data File : BF142628.D
Acq On : 05 Jun 2025 12:08
Operator : RC/JU
Sample : Q2194-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-13

Quant Time: Jun 05 12:42:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 20 16:26:47 2025
Response via : Initial Calibration

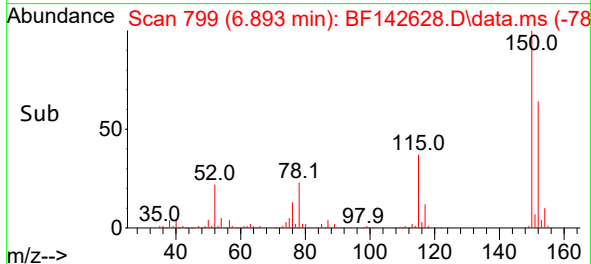
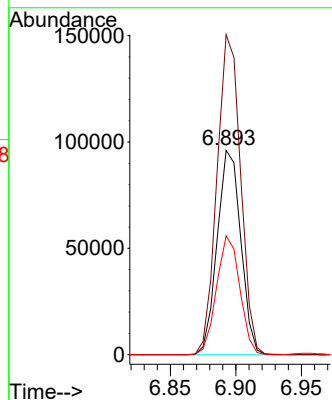
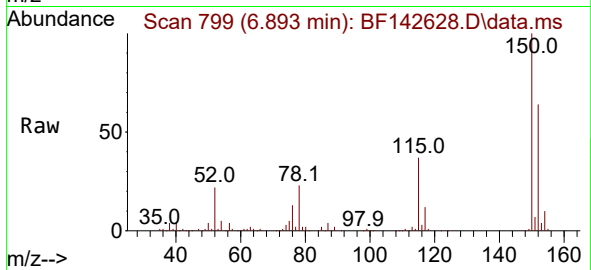




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF142628.D
 Acq: 05 Jun 2025 12:08

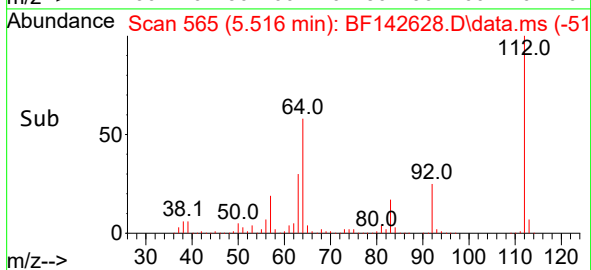
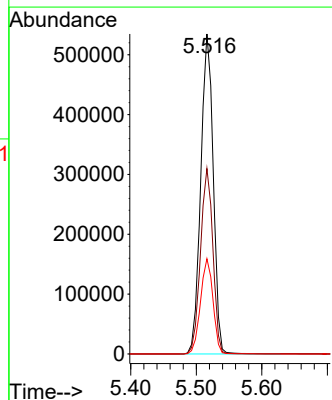
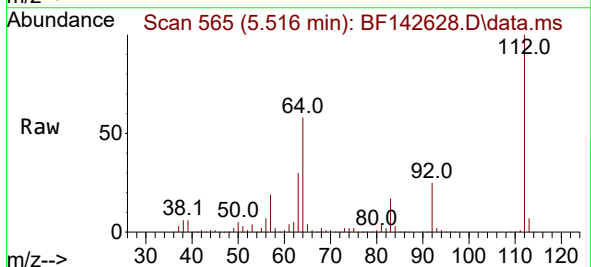
Instrument :
 BNA_F
 ClientSampleId :
 COMP-13

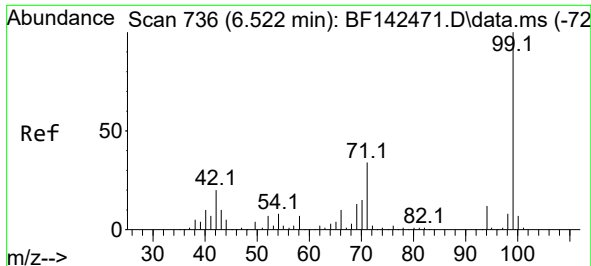
Tgt Ion:152 Resp: 120127
 Ion Ratio Lower Upper
 152 100
 150 156.6 128.2 192.4
 115 58.2 48.3 72.5



#5
 2-Fluorophenol
 Concen: 99.602 ng
 RT: 5.516 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: BF142628.D
 Acq: 05 Jun 2025 12:08

Tgt Ion:112 Resp: 710186
 Ion Ratio Lower Upper
 112 100
 64 57.9 47.5 71.3
 63 29.8 24.9 37.3

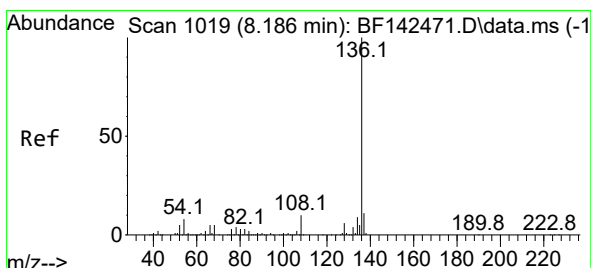
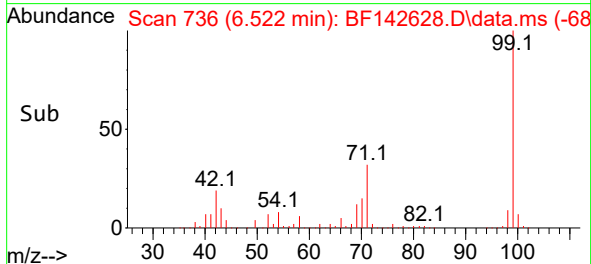
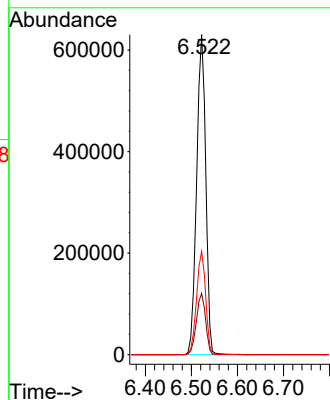
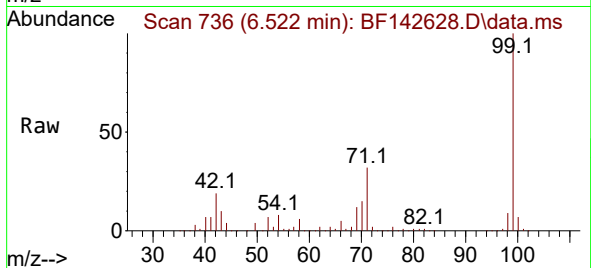




#7
Phenol-d6
Concen: 100.869 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142628.D
Acq: 05 Jun 2025 12:08

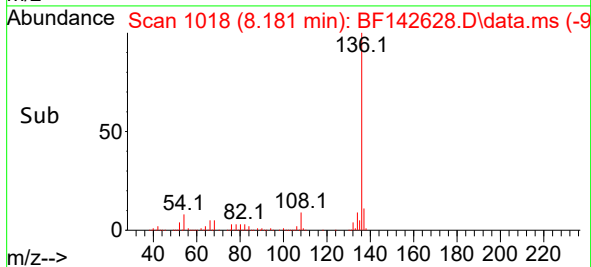
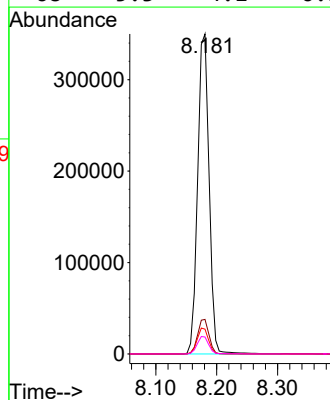
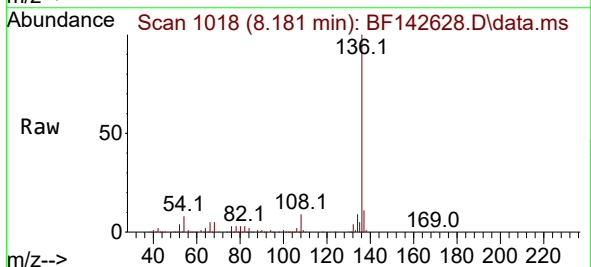
Instrument :
BNA_F
ClientSampleId :
COMP-13

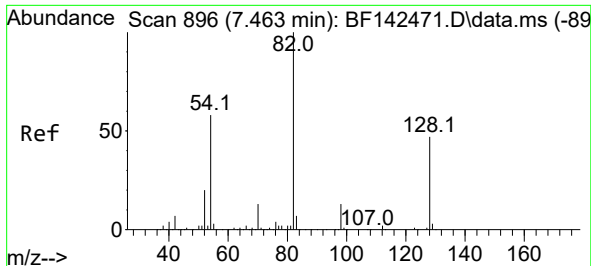
Tgt Ion: 99 Resp: 865767
Ion Ratio Lower Upper
99 100
42 19.2 16.2 24.2
71 32.3 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142628.D
Acq: 05 Jun 2025 12:08

Tgt Ion: 136 Resp: 456079
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.8 6.6 10.0
68 5.3 4.1 6.1





#23

Nitrobenzene-d5

Concen: 62.270 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.017 min

Lab File: BF142628.D

Acq: 05 Jun 2025 12:08

Instrument :

BNA_F

ClientSampleId :

COMP-13

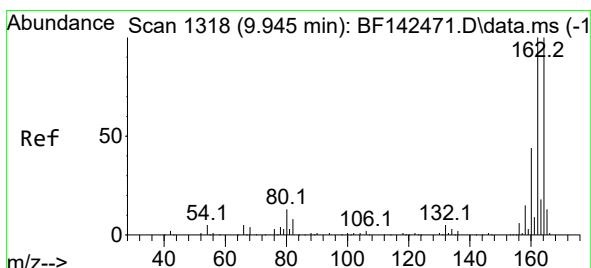
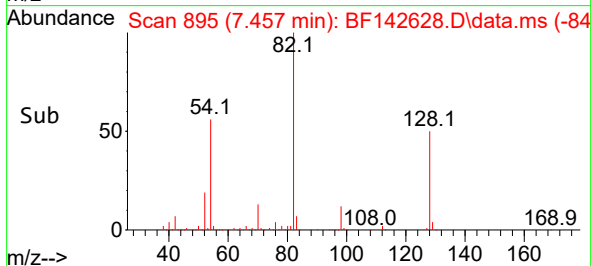
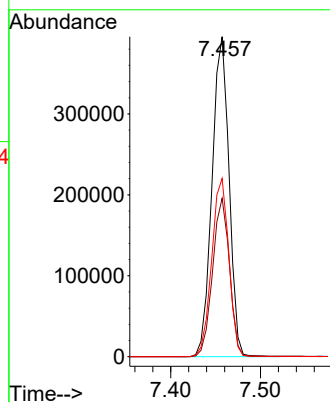
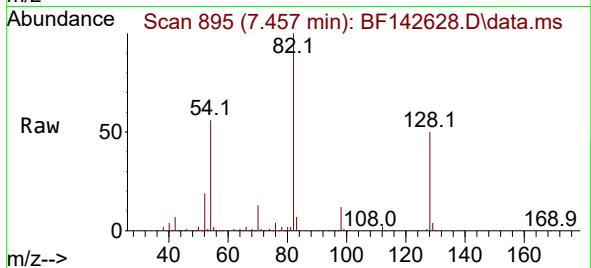
Tgt Ion: 82 Resp: 520828

Ion Ratio Lower Upper

82 100

128 49.5 37.4 56.2

54 55.7 46.6 70.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF142628.D

Acq: 05 Jun 2025 12:08

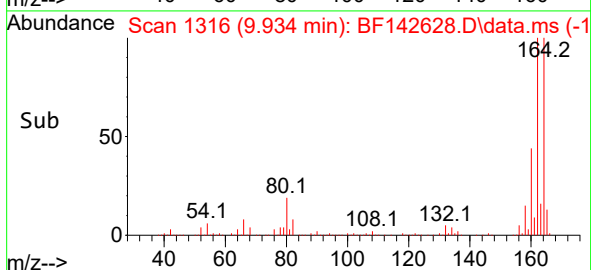
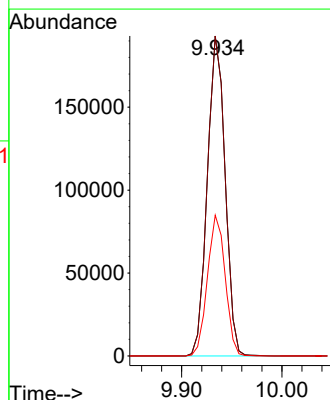
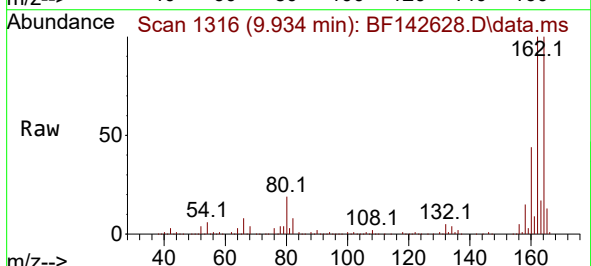
Tgt Ion:164 Resp: 238422

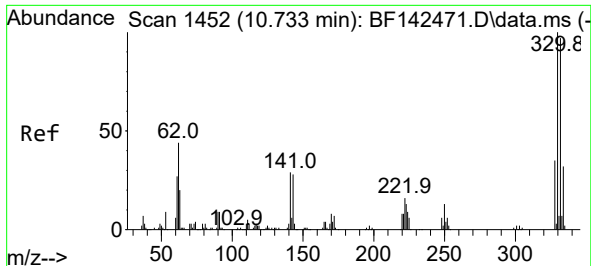
Ion Ratio Lower Upper

164 100

162 100.0 80.2 120.4

160 44.0 35.6 53.4

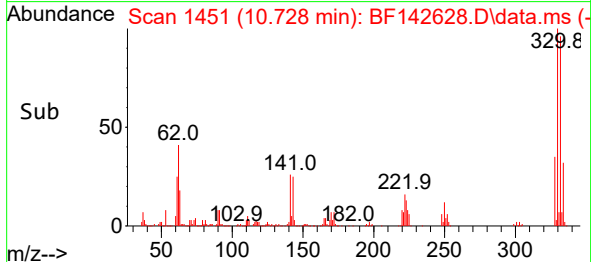
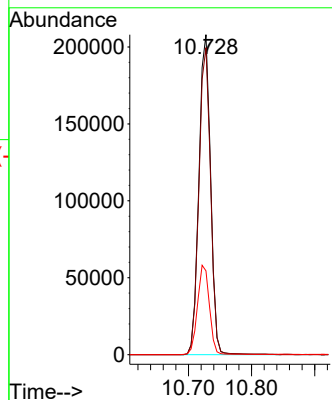
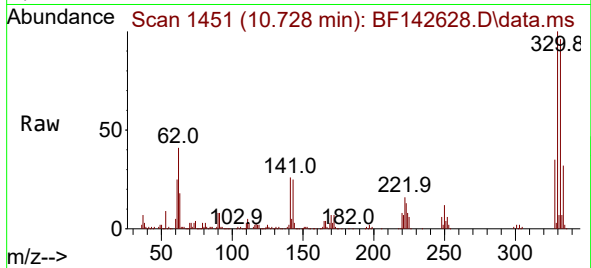




#42
2,4,6-Tribromophenol
Concen: 100.521 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142628.D
Acq: 05 Jun 2025 12:08

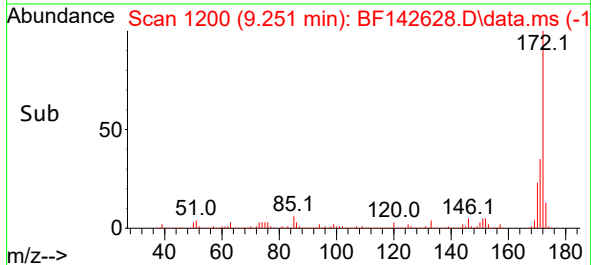
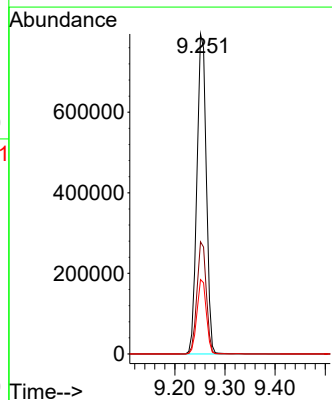
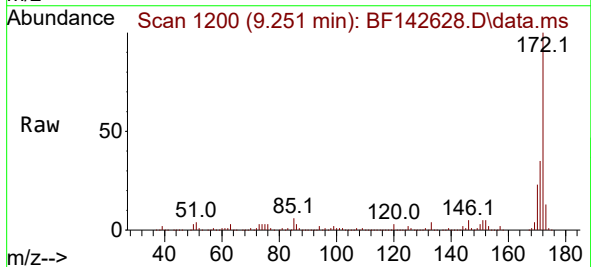
Instrument :
BNA_F
ClientSampleId :
COMP-13

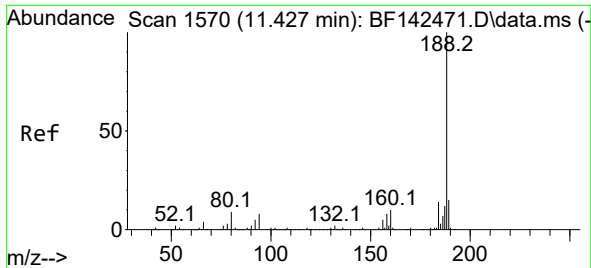
Tgt Ion:330 Resp: 265996
Ion Ratio Lower Upper
330 100
332 96.0 77.6 116.4
141 28.8 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 58.238 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.017 min
Lab File: BF142628.D
Acq: 05 Jun 2025 12:08

Tgt Ion:172 Resp: 1034774
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.2 18.9 28.3

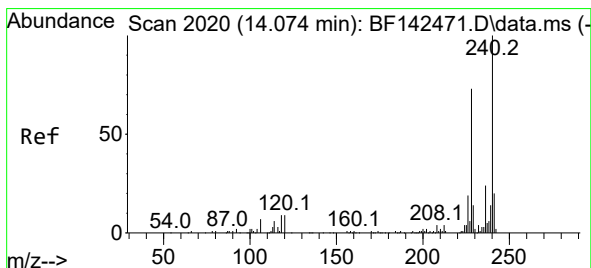
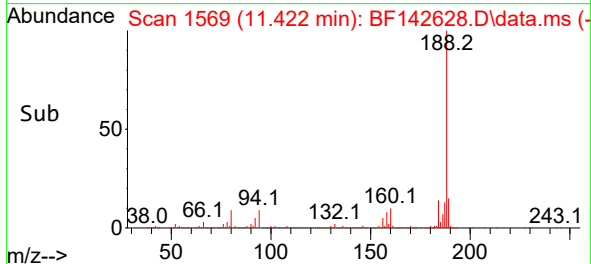
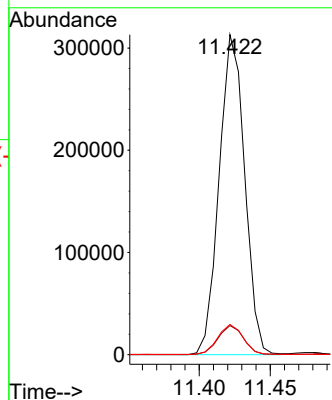
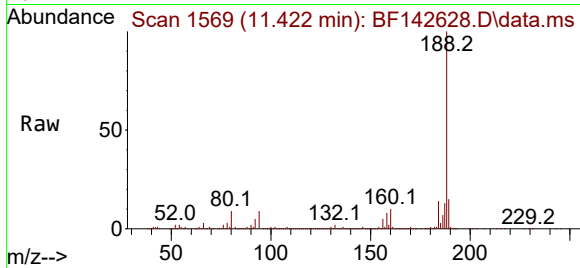




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142628.D
Acq: 05 Jun 2025 12:08

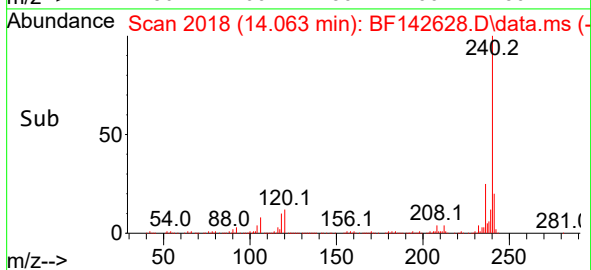
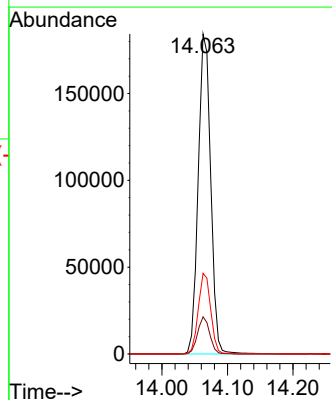
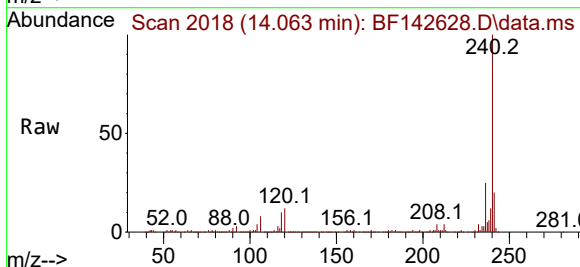
Instrument :
BNA_F
ClientSampleId :
COMP-13

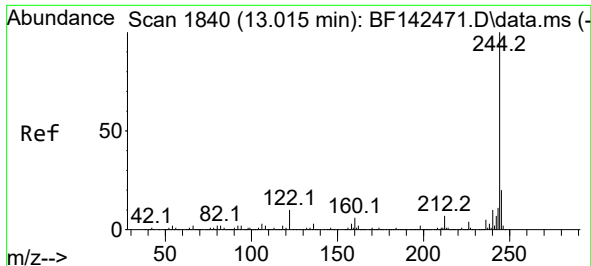
Tgt Ion:188 Resp: 391024
Ion Ratio Lower Upper
188 100
94 9.1 6.6 10.0
80 9.5 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142628.D
Acq: 05 Jun 2025 12:08

Tgt Ion:240 Resp: 244537
Ion Ratio Lower Upper
240 100
120 11.6 7.5 11.3#
236 25.2 19.6 29.4

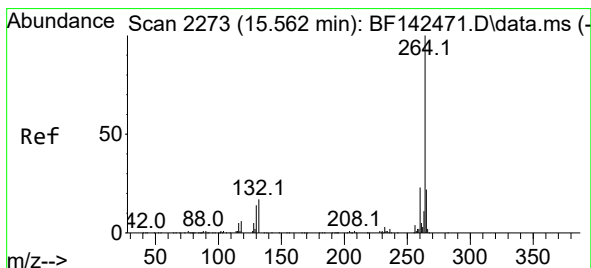
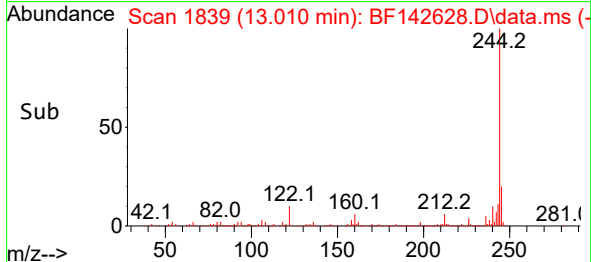
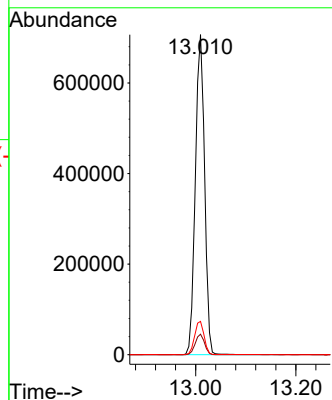
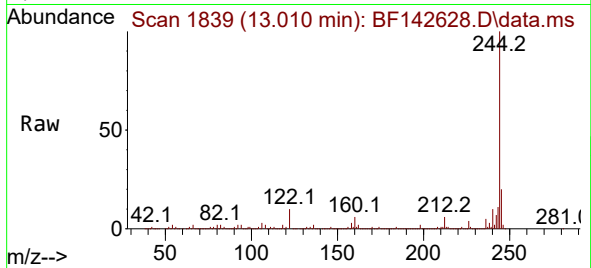




#79
 Terphenyl-d14
 Concen: 50.353 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142628.D
 Acq: 05 Jun 2025 12:08

Instrument :
 BNA_F
 ClientSampleId :
 COMP-13

Tgt Ion:244 Resp: 901048
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.3 7.9
 122 10.4 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF142628.D
 Acq: 05 Jun 2025 12:08

Tgt Ion:264 Resp: 253870
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 21.0 17.7 26.5

