

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
 Data File : BF142155.D
 Acq On : 28 Mar 2025 12:32
 Operator : RC/JU
 Sample : PB167329TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167329TB

Quant Time: Mar 28 13:04:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	134780	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	539388	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	320135	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	608582	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	397109	20.000	ng	0.00
86) Perylene-d12	15.510	264	270108	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1137088	140.804	ng	0.00
7) Phenol-d6	6.498	99	1370842	133.323	ng	0.00
23) Nitrobenzene-d5	7.434	82	909567	94.898	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	643364	158.412	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1938985	92.112	ng	-0.01
79) Terphenyl-d14	12.986	244	2718489	101.211	ng	0.00

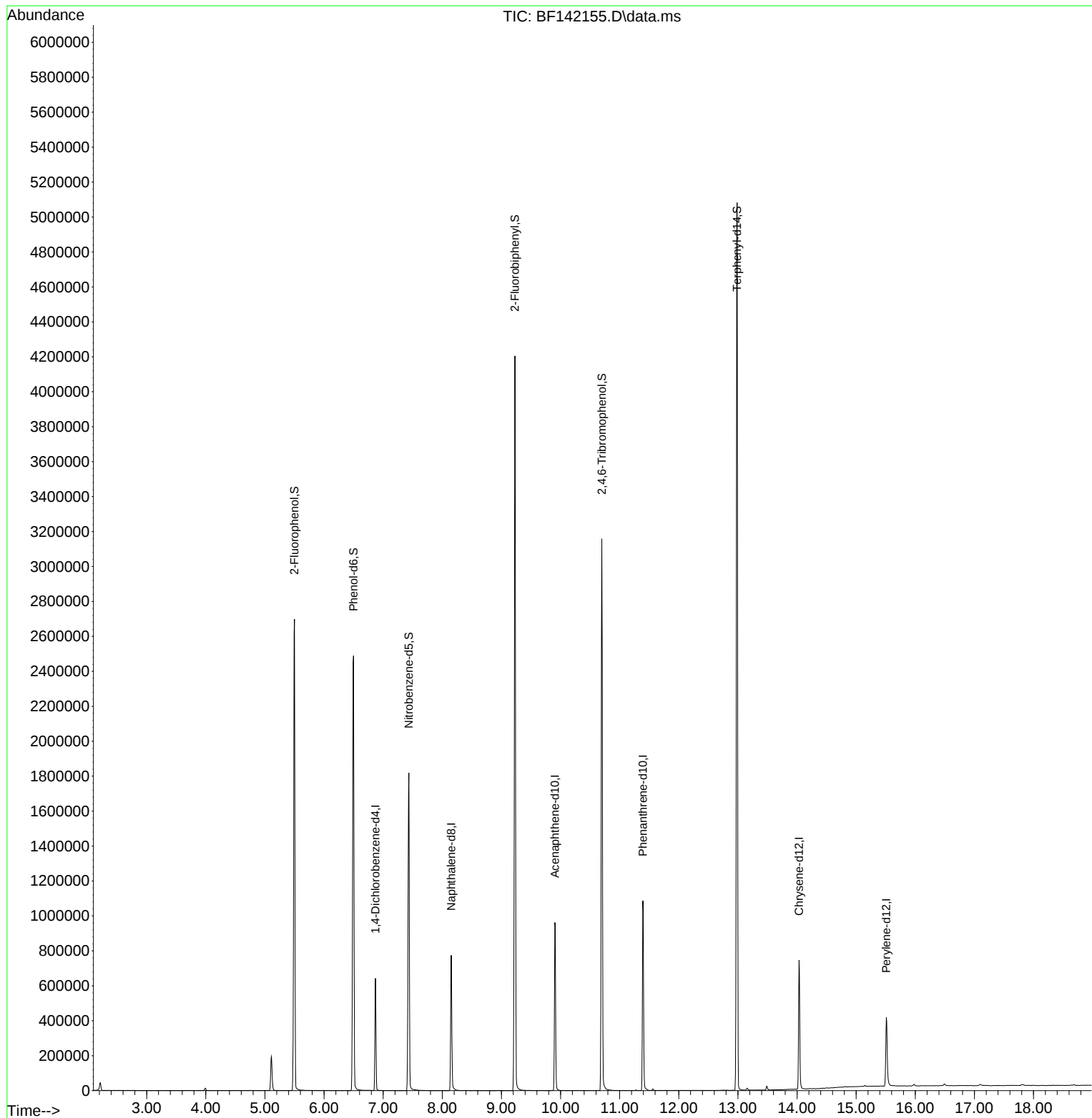
Target Compounds	Qvalue

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

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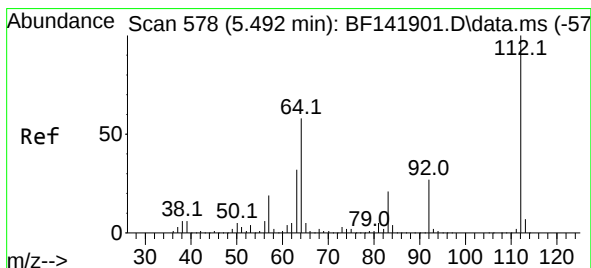
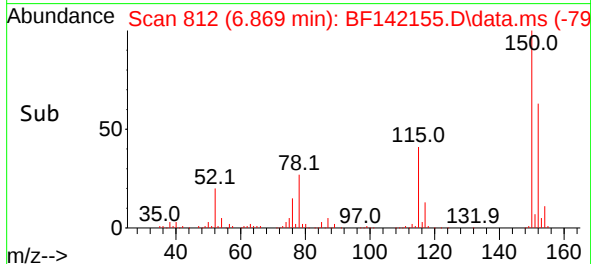
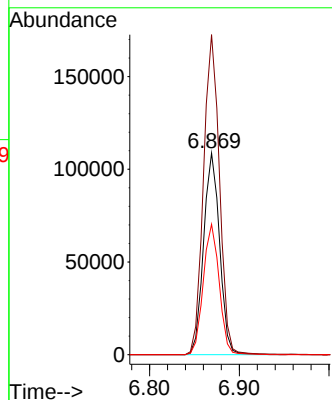
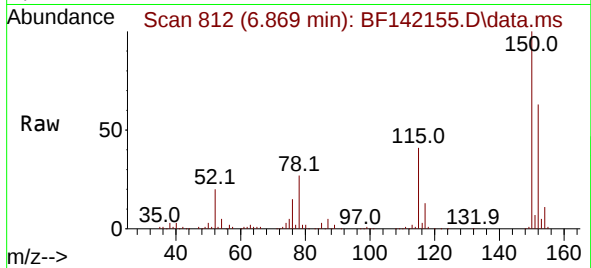




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142155.D
Acq: 28 Mar 2025 12:32

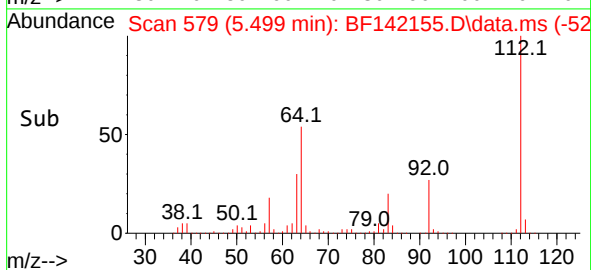
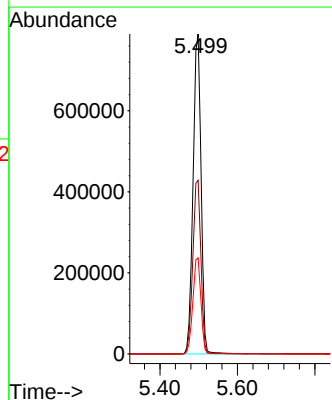
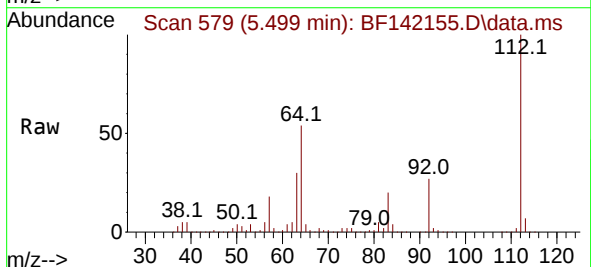
Instrument :
BNA_F
ClientSampleId :
PB167329TB

Tgt Ion:152 Resp: 134780
Ion Ratio Lower Upper
152 100
150 158.7 127.4 191.2
115 64.7 51.9 77.9



#5
2-Fluorophenol
Concen: 140.804 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF142155.D
Acq: 28 Mar 2025 12:32

Tgt Ion:112 Resp: 1137088
Ion Ratio Lower Upper
112 100
64 54.2 46.5 69.7
63 30.0 25.4 38.2

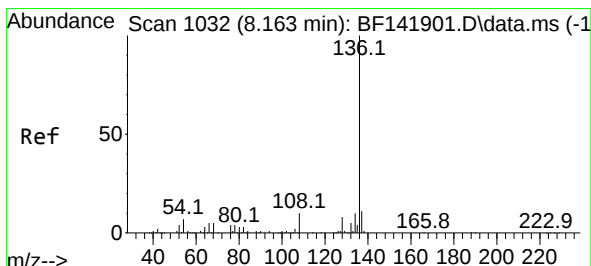
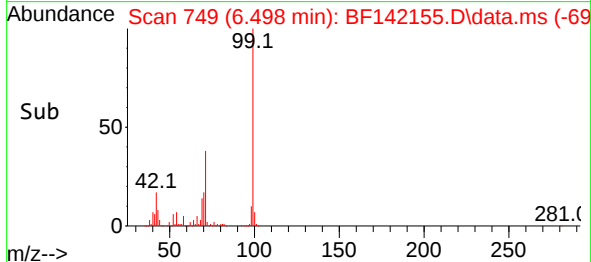
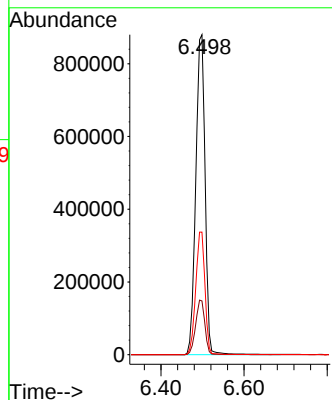
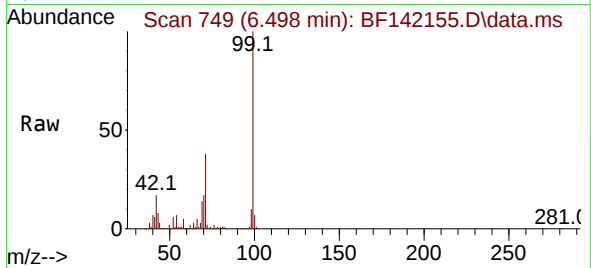




#7
Phenol-d6
Concen: 133.323 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142155.D
Acq: 28 Mar 2025 12:32

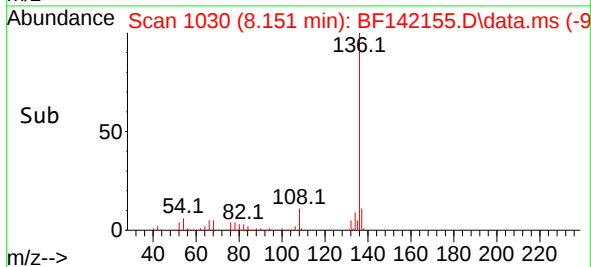
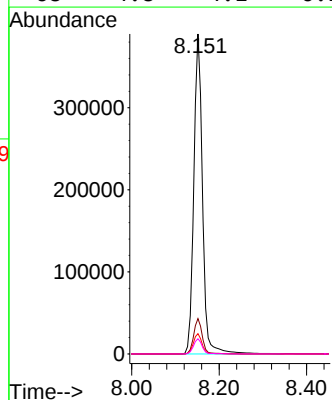
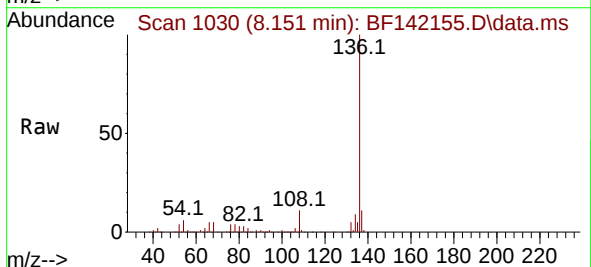
Instrument :
BNA_F
ClientSampleId :
PB167329TB

Tgt Ion: 99 Resp: 1370842
Ion Ratio Lower Upper
99 100
42 16.8 14.6 21.8
71 38.3 30.8 46.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142155.D
Acq: 28 Mar 2025 12:32

Tgt Ion:136 Resp: 539388
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.4 5.8 8.8
68 4.8 4.1 6.1





#23

Nitrobenzene-d5

Concen: 94.898 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF142155.D

Acq: 28 Mar 2025 12:32

Instrument :

BNA_F

ClientSampleId :

PB167329TB

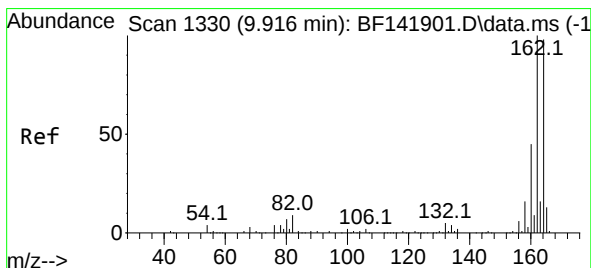
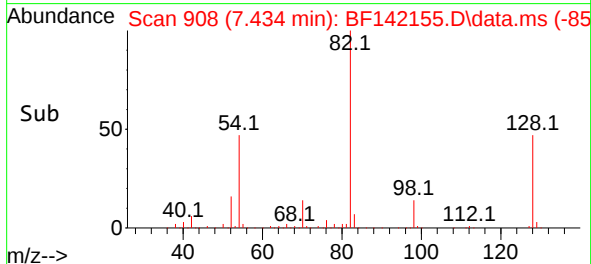
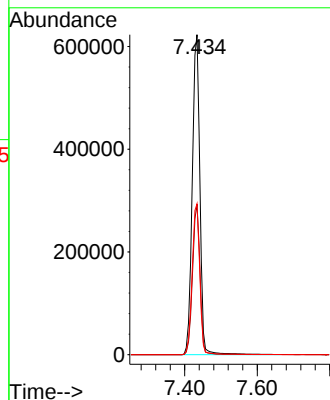
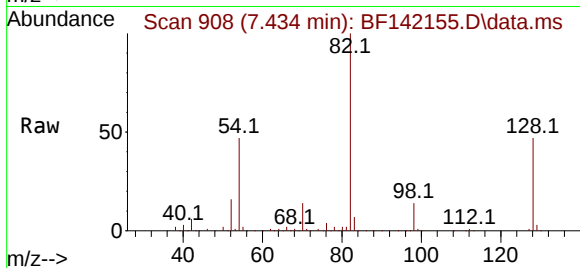
Tgt Ion: 82 Resp: 909567

Ion Ratio Lower Upper

82 100

128 47.0 36.0 54.0

54 47.2 39.6 59.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.012 min

Lab File: BF142155.D

Acq: 28 Mar 2025 12:32

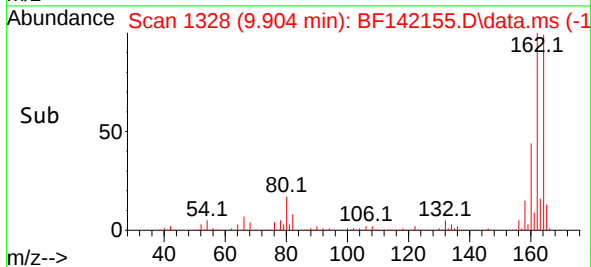
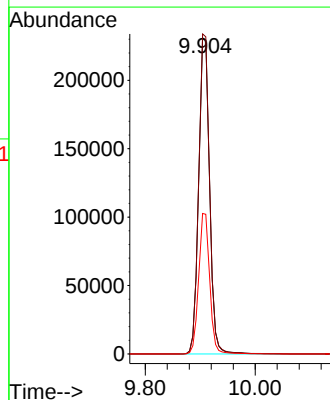
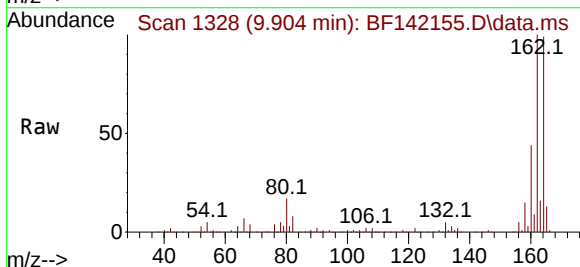
Tgt Ion:164 Resp: 320135

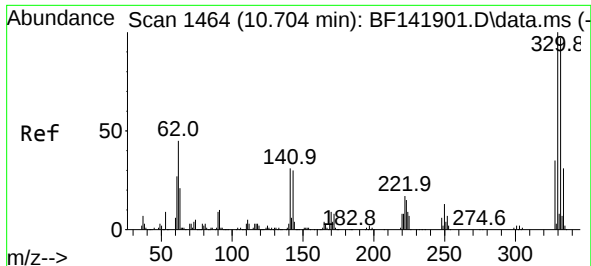
Ion Ratio Lower Upper

164 100

162 101.2 81.8 122.6

160 44.4 36.7 55.1

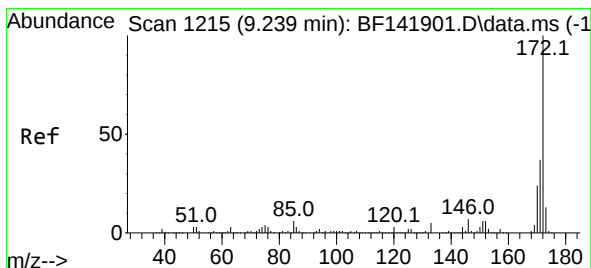
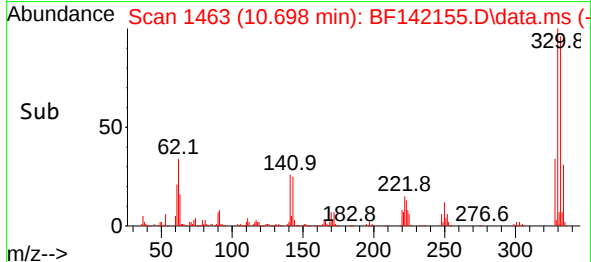
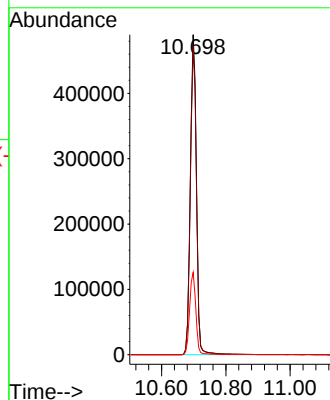
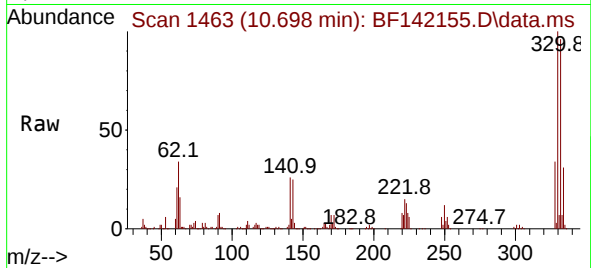




#42
2,4,6-Tribromophenol
Concen: 158.412 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142155.D
Acq: 28 Mar 2025 12:32

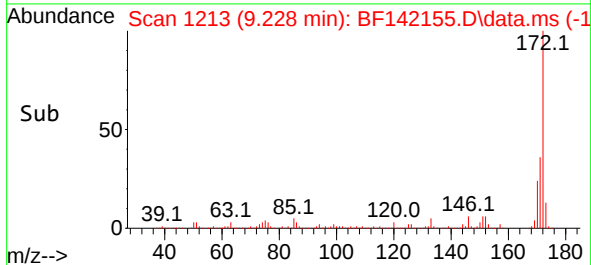
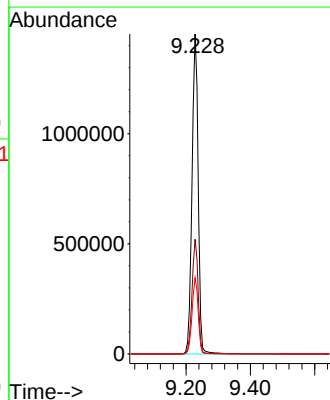
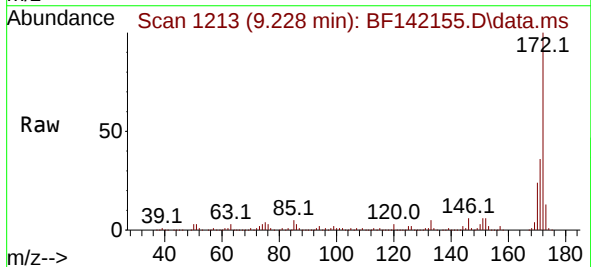
Instrument :
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Tgt Ion: 330 Resp: 643364
Ion Ratio Lower Upper
330 100
332 96.5 77.6 116.4
141 26.5 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 92.112 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF142155.D
Acq: 28 Mar 2025 12:32

Tgt Ion: 172 Resp: 1938985
Ion Ratio Lower Upper
172 100
171 35.8 29.3 43.9
170 23.8 19.4 29.0

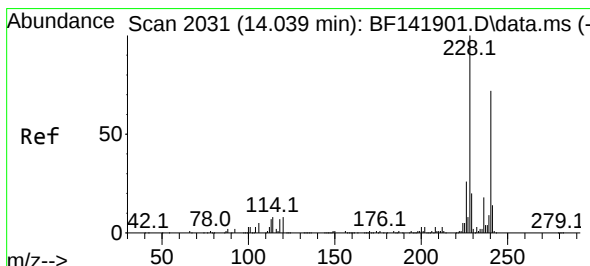
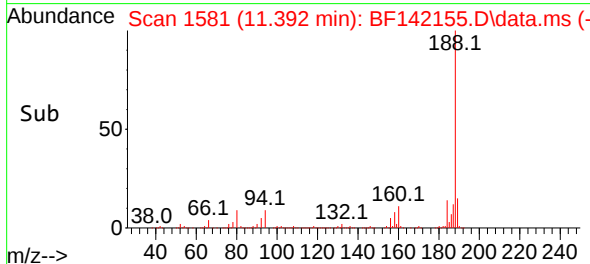
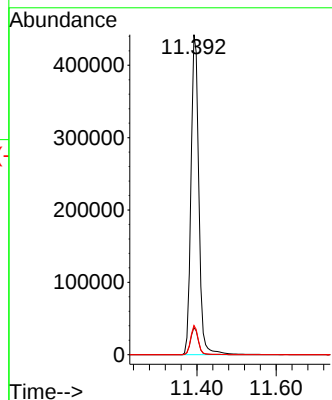
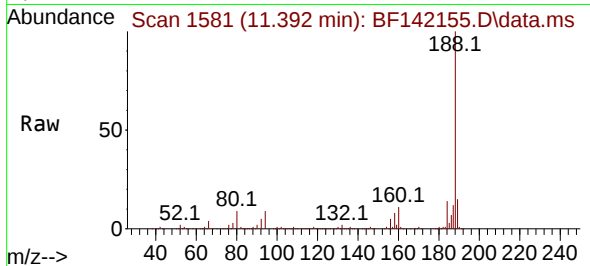




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11392
Delta R.T. -0.012 min
Lab File: BF142155.D
Acq: 28 Mar 2025 12:32

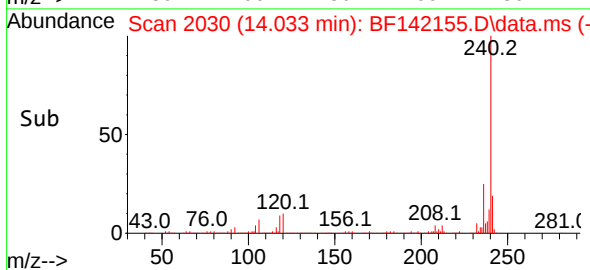
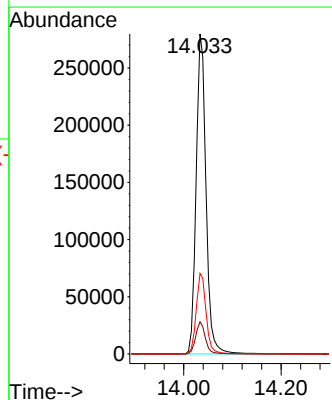
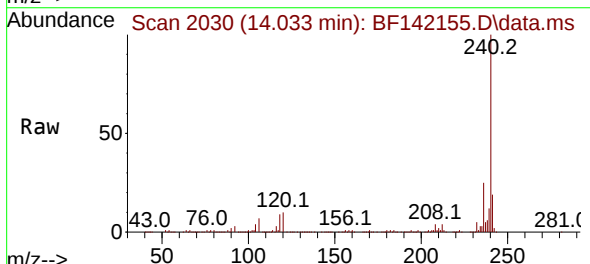
Instrument :
BNA_F
ClientSampleId :
PB167329TB

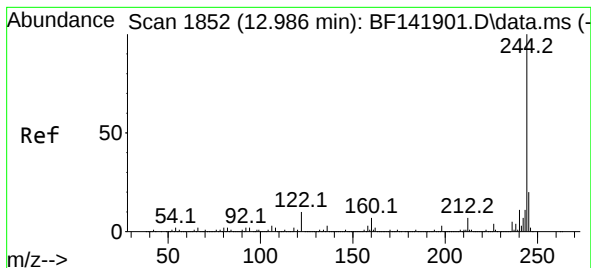
Tgt Ion:188 Resp: 608582
Ion Ratio Lower Upper
188 100
94 8.5 6.8 10.2
80 9.2 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142155.D
Acq: 28 Mar 2025 12:32

Tgt Ion:240 Resp: 397109
Ion Ratio Lower Upper
240 100
120 10.0 8.4 12.6
236 25.2 20.5 30.7





#79

Terphenyl-d14

Concen: 101.211 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF142155.D

Acq: 28 Mar 2025 12:32

Instrument :

BNA_F

ClientSampleId :

PB167329TB

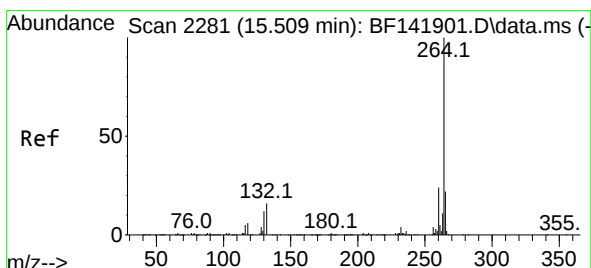
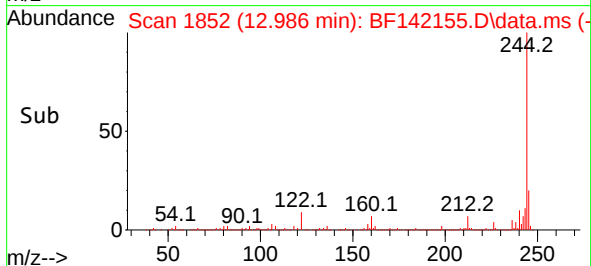
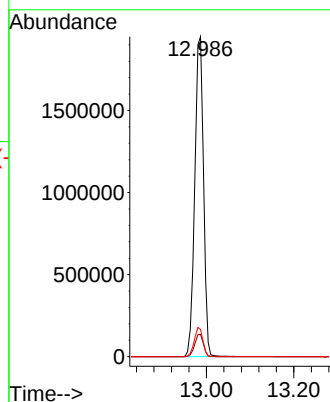
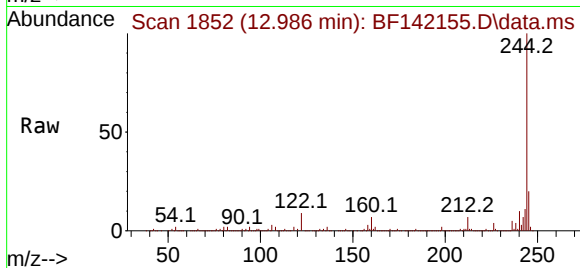
Tgt Ion:244 Resp: 2718489

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

122 8.5 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.000 min

Lab File: BF142155.D

Acq: 28 Mar 2025 12:32

Tgt Ion:264 Resp: 270108

Ion Ratio Lower Upper

264 100

260 22.8 19.1 28.7

265 21.5 17.5 26.3

