

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
 Data File : BF143229.D
 Acq On : 24 Jul 2025 13:02
 Operator : RC/JU
 Sample : Q2668-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Jul 24 13:26:44 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	100983	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	368258	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	174503	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	255033	20.000	ng	0.00
76) Chrysene-d12	14.115	240	250818	20.000	ng	0.00
86) Perylene-d12	15.621	264	260501	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	647827	101.518	ng	0.02
7) Phenol-d6	6.587	99	777144	96.754	ng	0.00
23) Nitrobenzene-d5	7.516	82	590970	79.993	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	201501	111.776	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1034834	81.102	ng	0.00
79) Terphenyl-d14	13.063	244	974196	57.799	ng	0.00

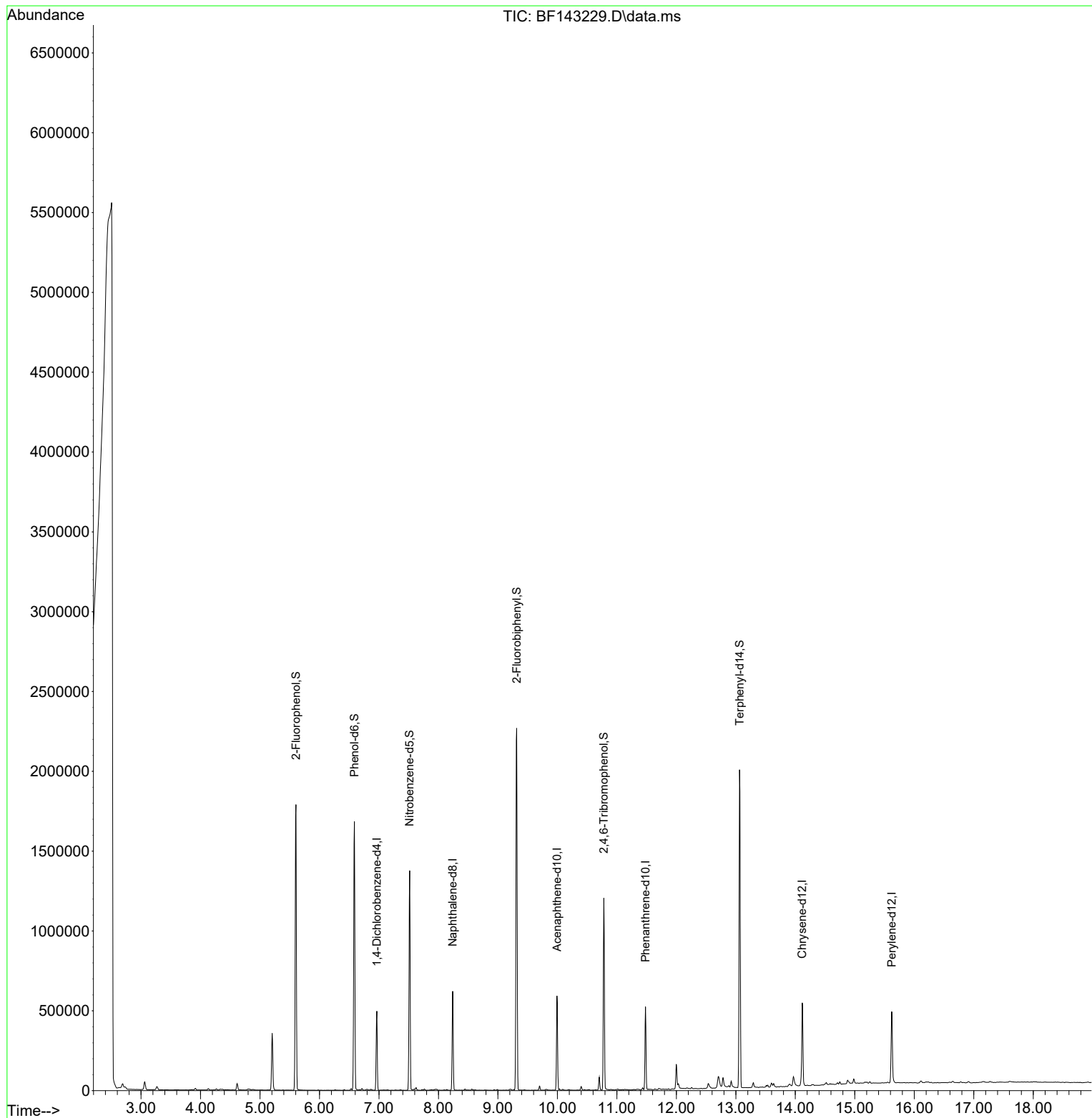
Target Compounds	Qvalue

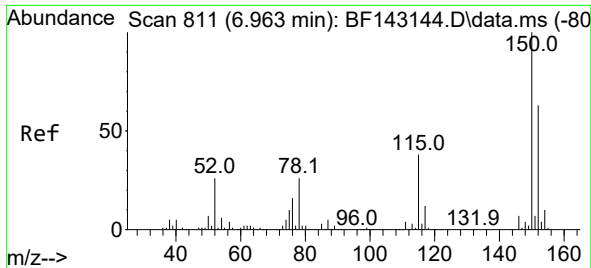
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
Data File : BF143229.D
Acq On : 24 Jul 2025 13:02
Operator : RC/JU
Sample : Q2668-12
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Time: Jul 24 13:26:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

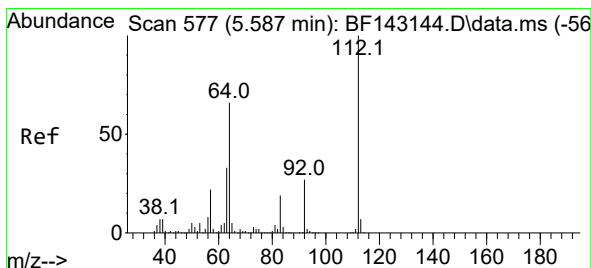
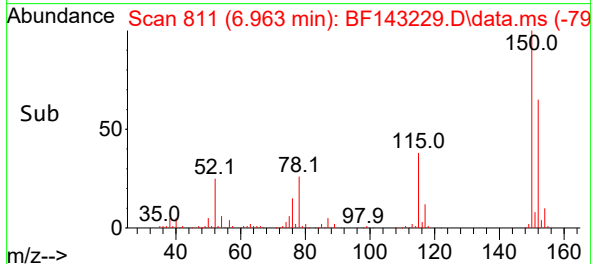
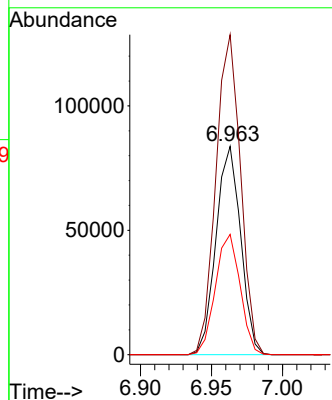
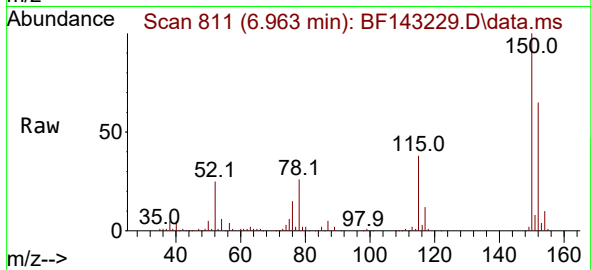




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143229.D
Acq: 24 Jul 2025 13:02

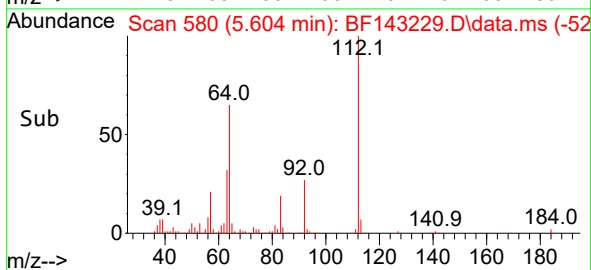
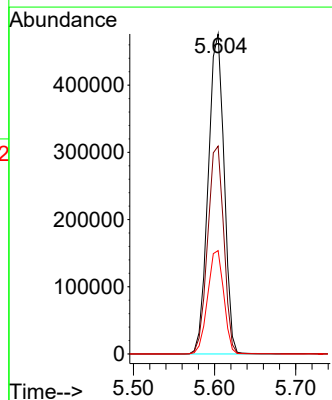
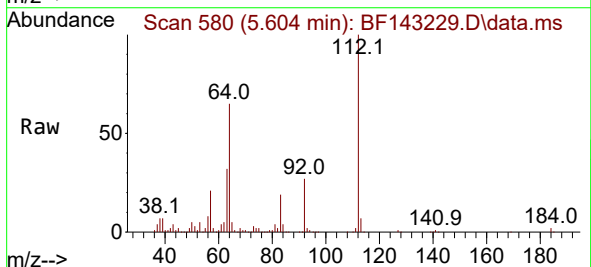
Instrument :
BNA_F
ClientSampleId :
TP-1

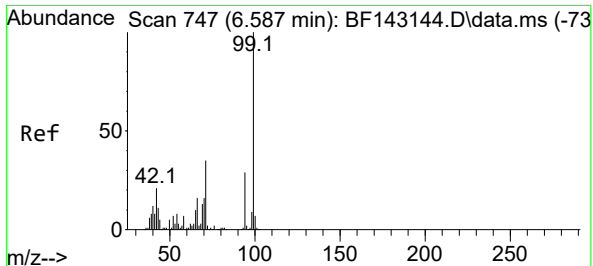
Tgt Ion:152 Resp: 100983
Ion Ratio Lower Upper
152 100
150 153.5 128.2 192.4
115 57.7 47.9 71.9



#5
2-Fluorophenol
Concen: 101.518 ng
RT: 5.604 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF143229.D
Acq: 24 Jul 2025 13:02

Tgt Ion:112 Resp: 647827
Ion Ratio Lower Upper
112 100
64 65.0 53.1 79.7
63 32.3 26.6 40.0

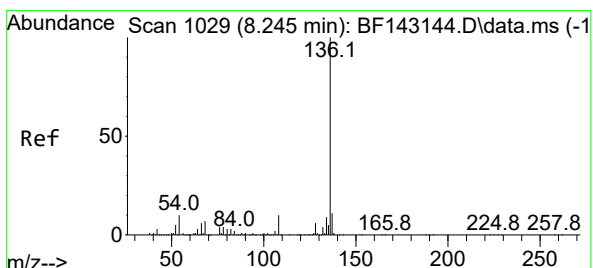
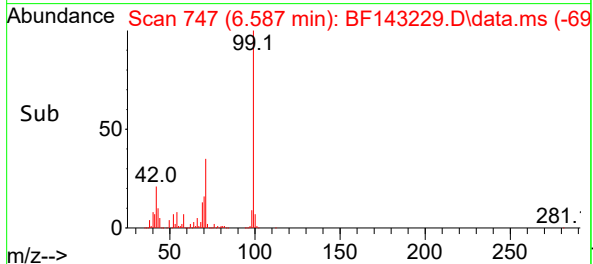
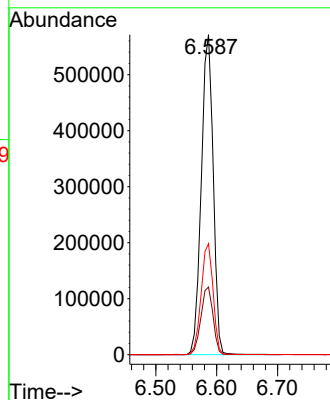
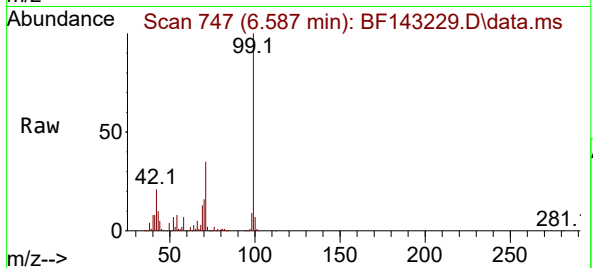




#7
Phenol-d6
Concen: 96.754 ng
RT: 6.587 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF143229.D
Acq: 24 Jul 2025 13:02

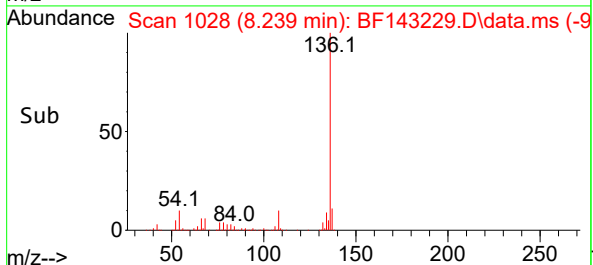
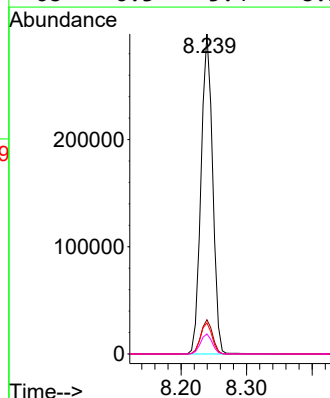
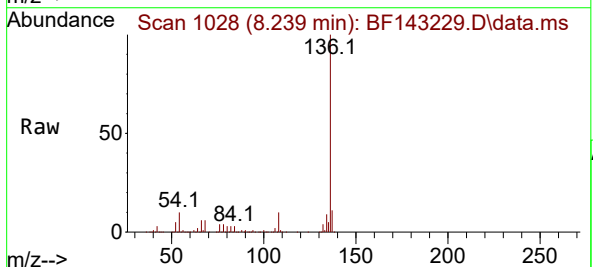
Instrument :
BNA_F
ClientSampleId :
TP-1

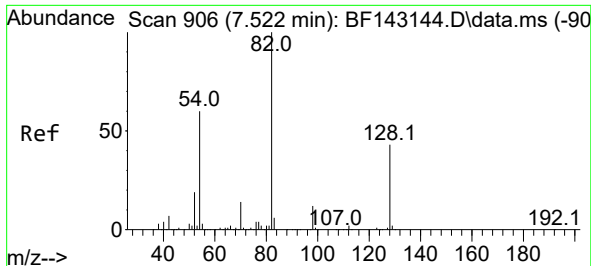
Tgt Ion: 99 Resp: 777144
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.6
71 34.7 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143229.D
Acq: 24 Jul 2025 13:02

Tgt Ion: 136 Resp: 368258
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.7 8.2 12.2
68 6.3 5.4 8.2





#23

Nitrobenzene-d5

Concen: 79.993 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143229.D

Acq: 24 Jul 2025 13:02

Instrument :

BNA_F

ClientSampleId :

TP-1

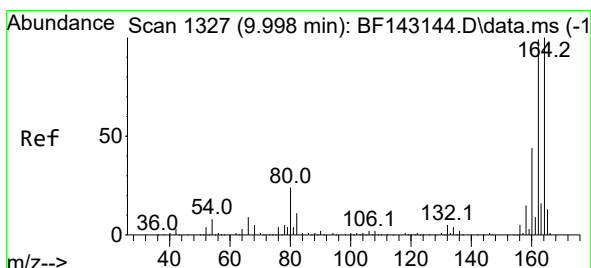
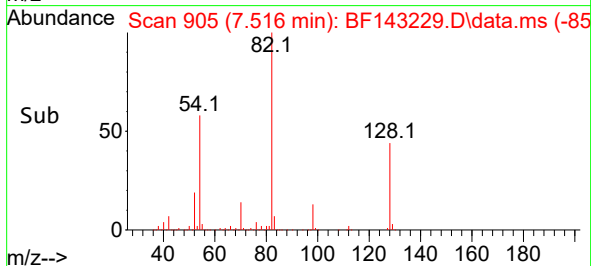
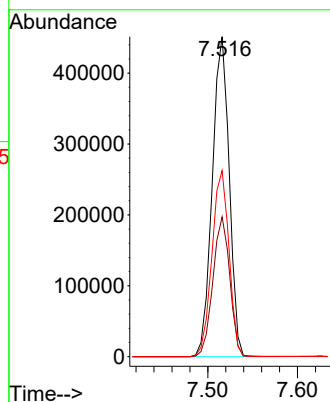
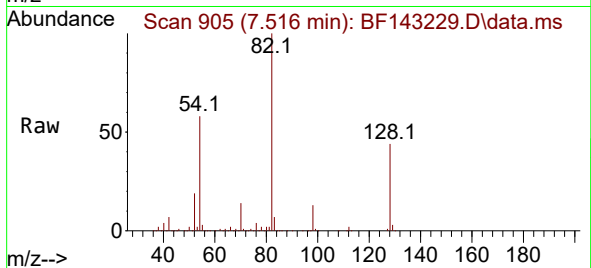
Tgt Ion: 82 Resp: 590970

Ion Ratio Lower Upper

82 100

128 43.7 33.6 50.4

54 58.2 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.992 min Scan# 1326

Delta R.T. -0.006 min

Lab File: BF143229.D

Acq: 24 Jul 2025 13:02

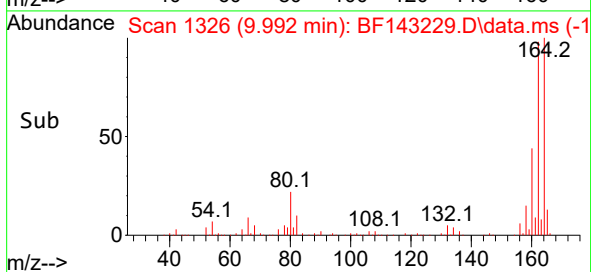
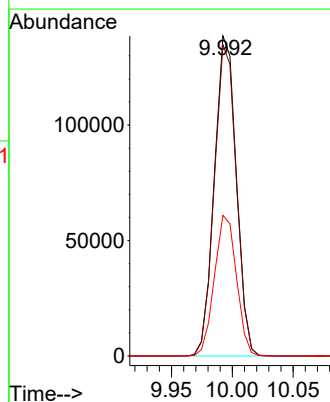
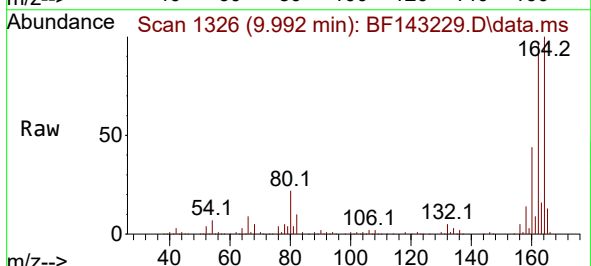
Tgt Ion: 164 Resp: 174503

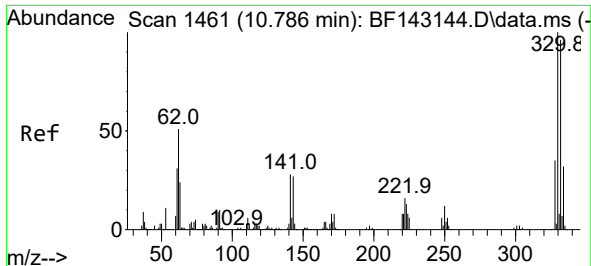
Ion Ratio Lower Upper

164 100

162 97.2 79.0 118.6

160 44.0 35.1 52.7

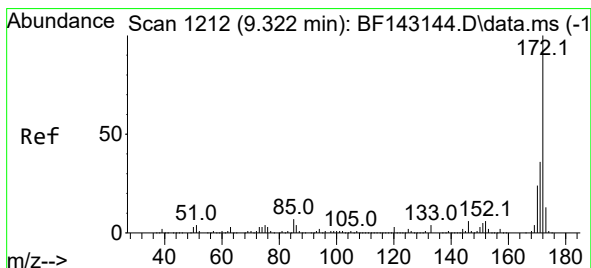
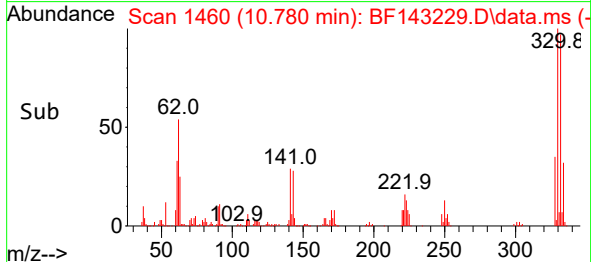
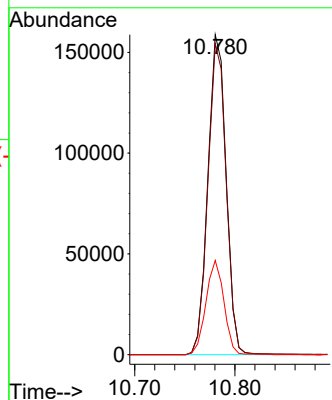
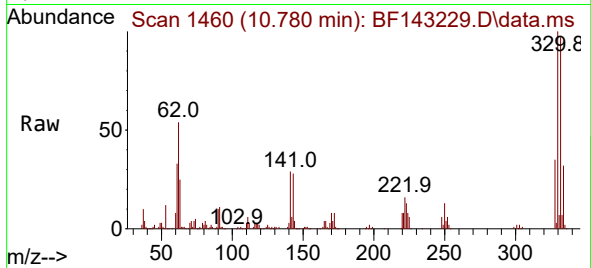




#42
2,4,6-Tribromophenol
Concen: 111.776 ng
RT: 10.780 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF143229.D
Acq: 24 Jul 2025 13:02

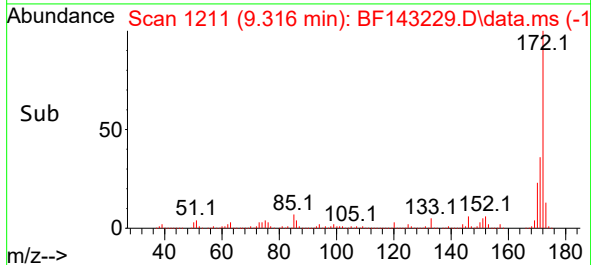
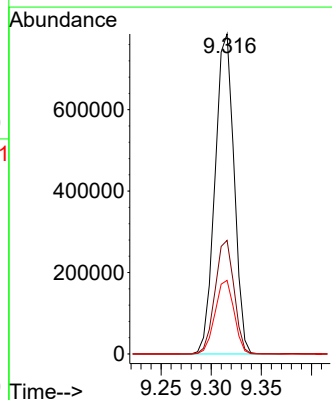
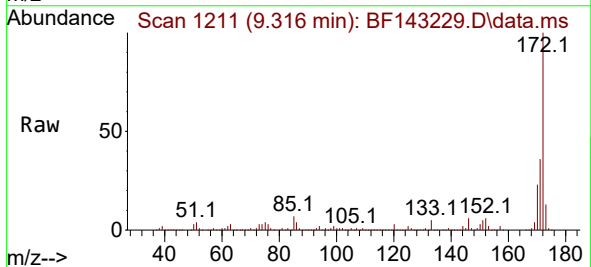
Instrument :
BNA_F
ClientSampleId :
TP-1

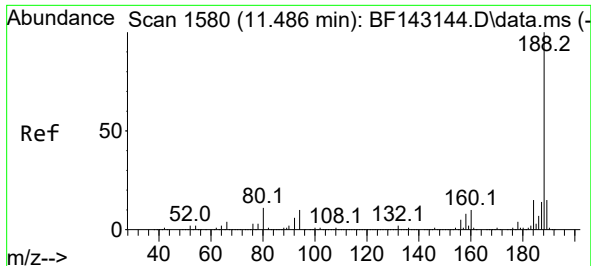
Tgt Ion:330 Resp: 201501
Ion Ratio Lower Upper
330 100
332 97.2 76.7 115.1
141 29.1 23.3 34.9



#45
2-Fluorobiphenyl
Concen: 81.102 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143229.D
Acq: 24 Jul 2025 13:02

Tgt Ion:172 Resp: 1034834
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.0 18.8 28.2

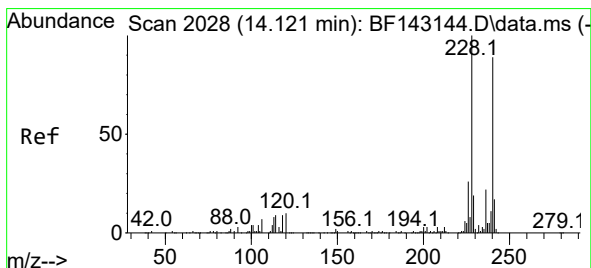
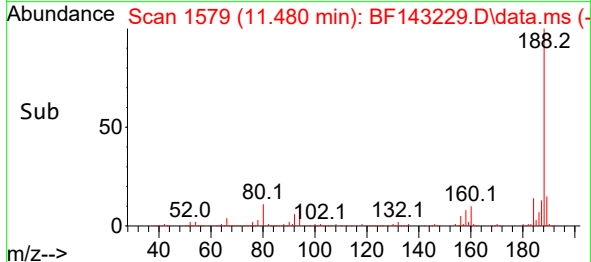
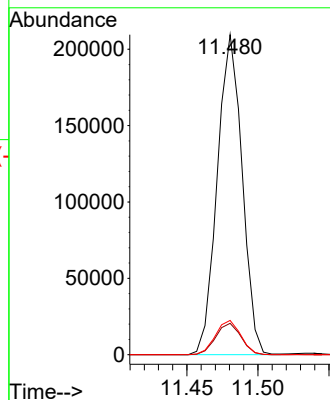
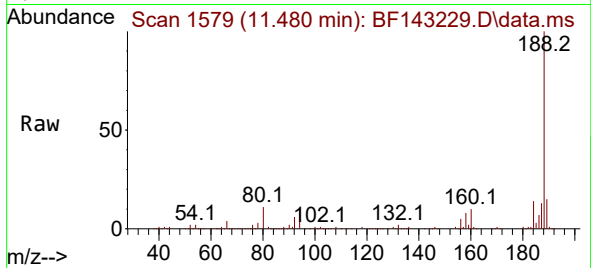




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143229.D
Acq: 24 Jul 2025 13:02

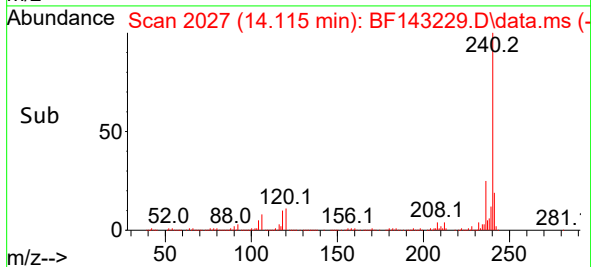
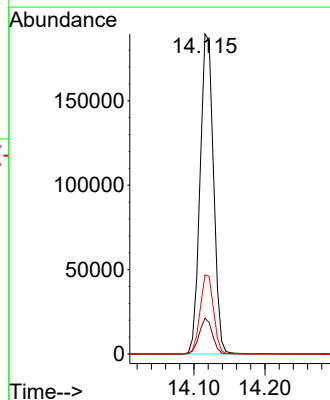
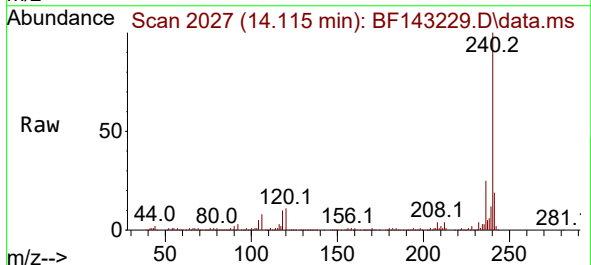
Instrument :
BNA_F
ClientSampleId :
TP-1

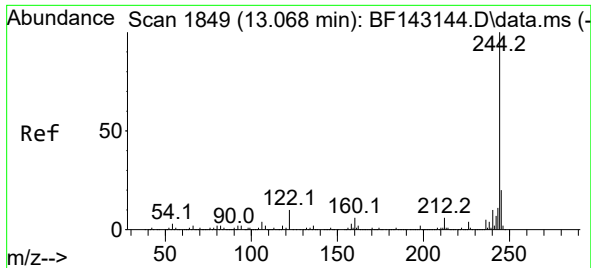
Tgt Ion:188 Resp: 255033
Ion Ratio Lower Upper
188 100
94 9.8 8.3 12.5
80 10.7 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF143229.D
Acq: 24 Jul 2025 13:02

Tgt Ion:240 Resp: 250818
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.2
236 24.7 20.2 30.4

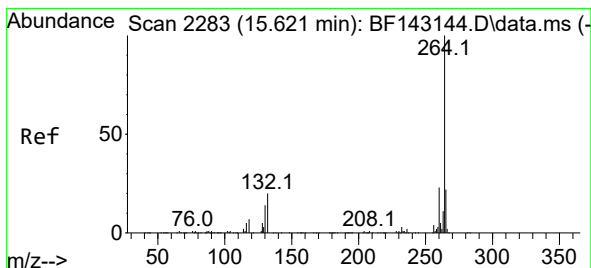
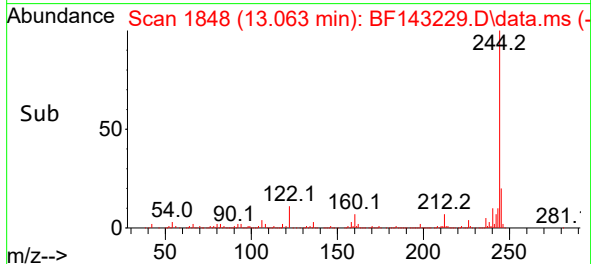
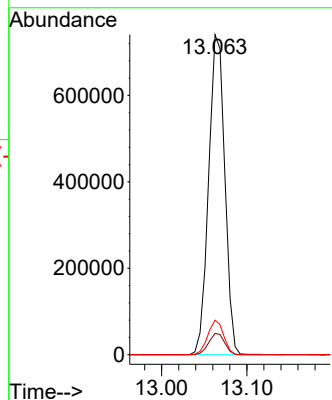
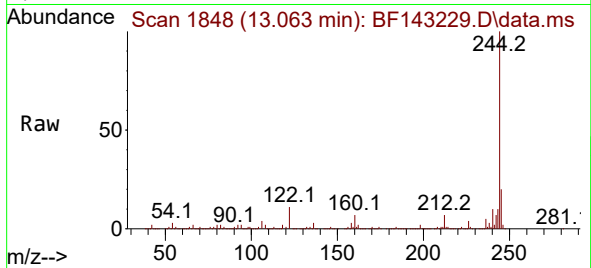




#79
 Terphenyl-d14
 Concen: 57.799 ng
 RT: 13.063 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF143229.D
 Acq: 24 Jul 2025 13:02

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 974196
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.2 7.8
 122 10.8 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 2283
 Delta R.T. 0.000 min
 Lab File: BF143229.D
 Acq: 24 Jul 2025 13:02

Tgt Ion:264 Resp: 260501
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.5 27.7
 265 21.1 17.4 26.2

