

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072525\
 Data File : BF143247.D
 Acq On : 25 Jul 2025 13:11
 Operator : RC/JU
 Sample : PB169004BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169004BL

Quant Time: Jul 25 13:32:03 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	100875	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	389583	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	210340	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	372173	20.000	ng	0.00
76) Chrysene-d12	14.127	240	223974	20.000	ng	0.00
86) Perylene-d12	15.633	264	211772	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	754998	118.439	ng	0.02
7) Phenol-d6	6.587	99	947895	118.139	ng	0.00
23) Nitrobenzene-d5	7.516	82	641236	82.046	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	285838	131.545	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1225280	79.667	ng	0.00
79) Terphenyl-d14	13.075	244	1247531	82.887	ng	0.00

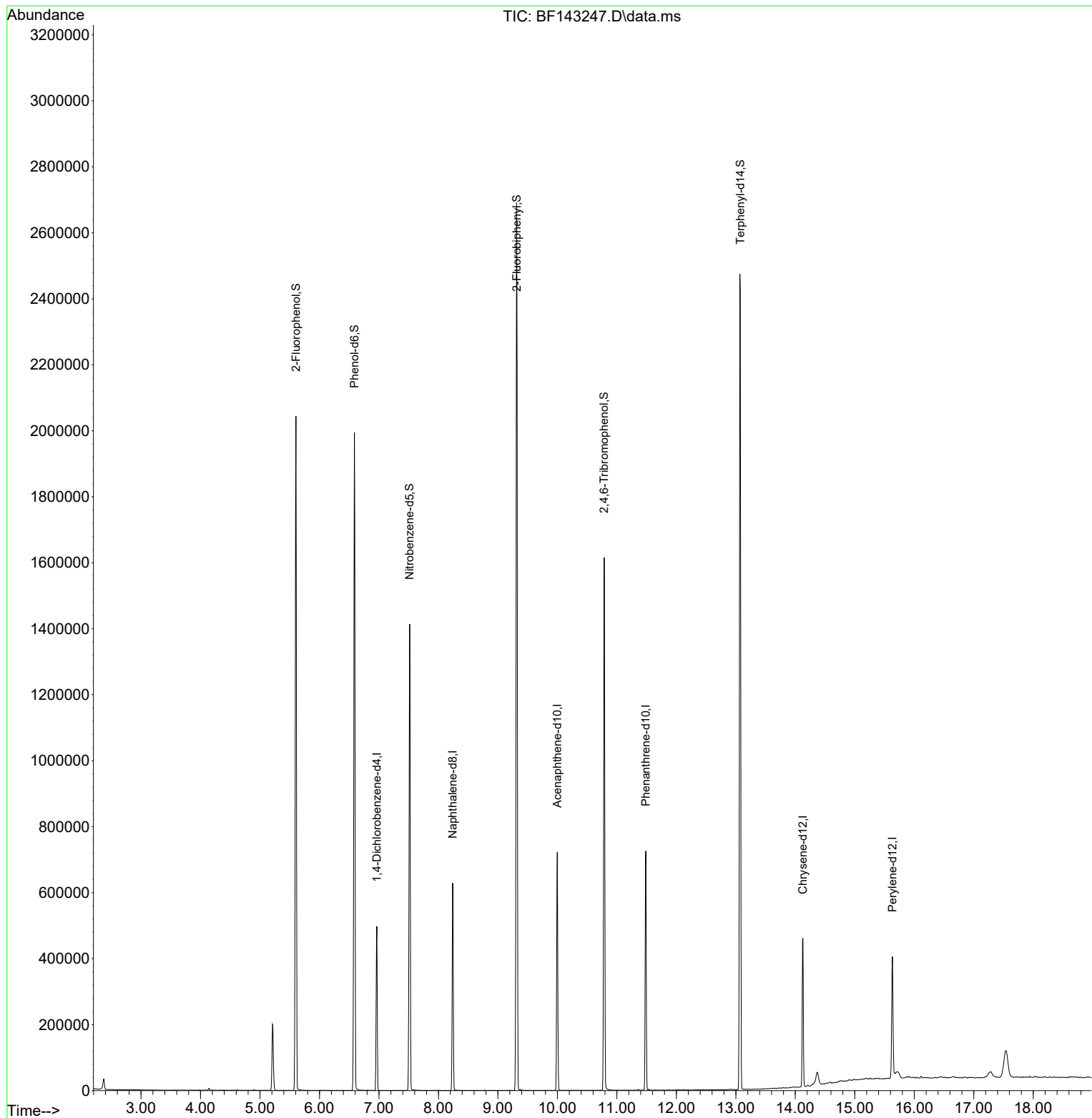
Target Compounds	Qvalue

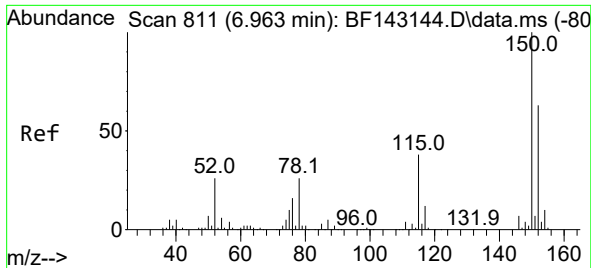
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072525\
Data File : BF143247.D
Acq On : 25 Jul 2025 13:11
Operator : RC/JU
Sample : PB169004BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169004BL

Quant Time: Jul 25 13:32:03 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

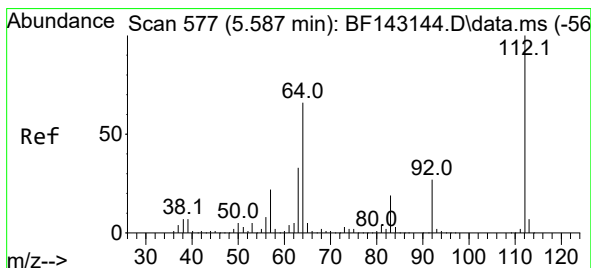
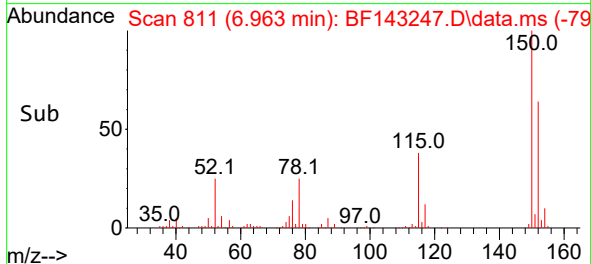
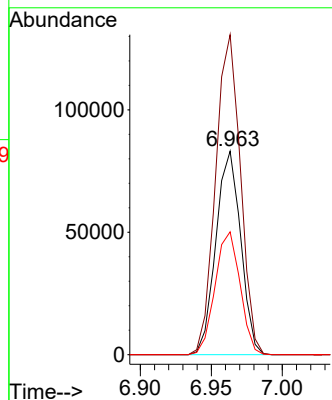
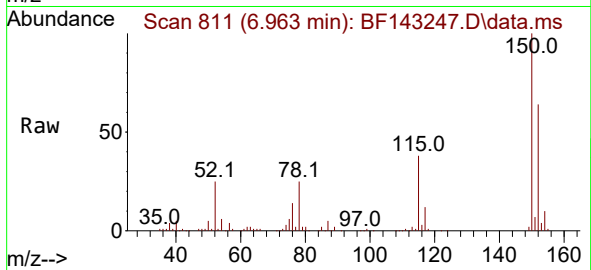




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143247.D
Acq: 25 Jul 2025 13:11

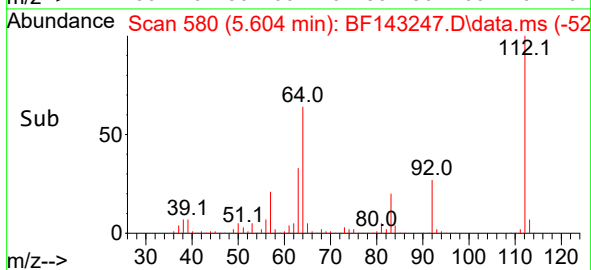
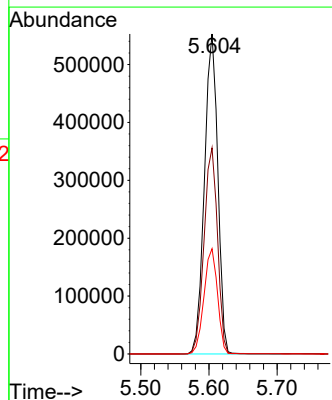
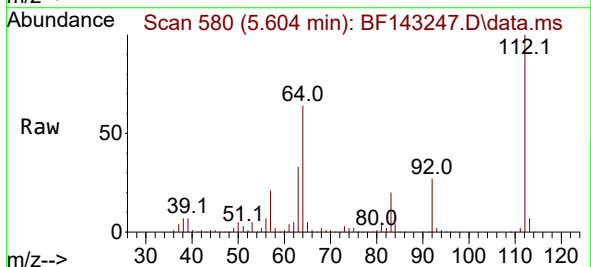
Instrument :
BNA_F
ClientSampleId :
PB169004BL

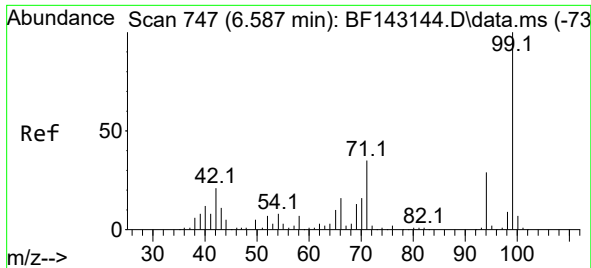
Tgt Ion:152 Resp: 100875
Ion Ratio Lower Upper
152 100
150 157.2 128.2 192.4
115 60.4 47.9 71.9



#5
2-Fluorophenol
Concen: 118.439 ng
RT: 5.604 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF143247.D
Acq: 25 Jul 2025 13:11

Tgt Ion:112 Resp: 754998
Ion Ratio Lower Upper
112 100
64 64.4 53.1 79.7
63 32.9 26.6 40.0

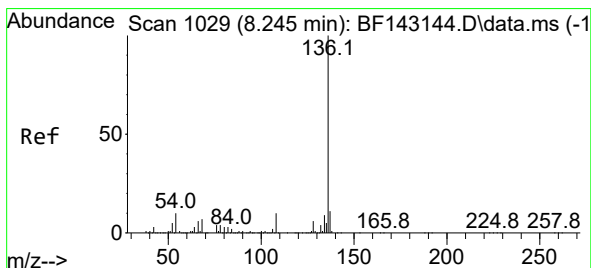
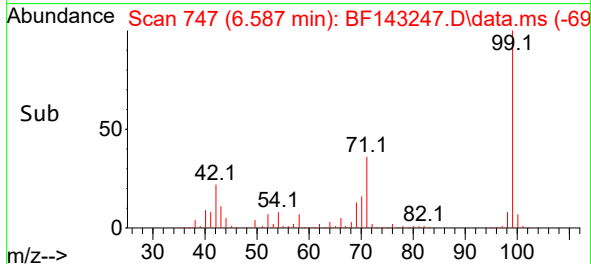
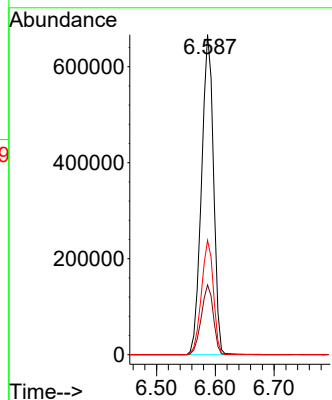
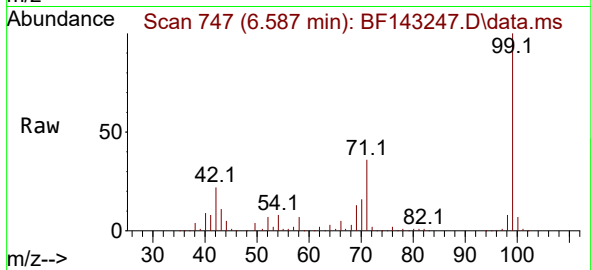




#7
Phenol-d6
Concen: 118.139 ng
RT: 6.587 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF143247.D
Acq: 25 Jul 2025 13:11

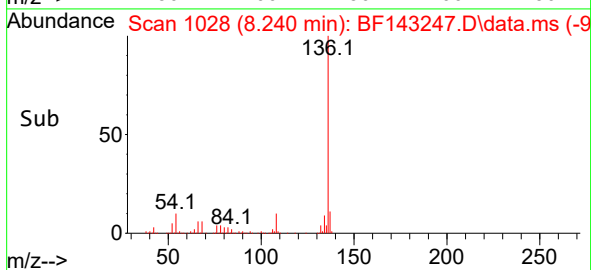
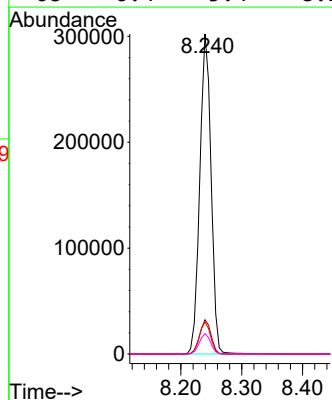
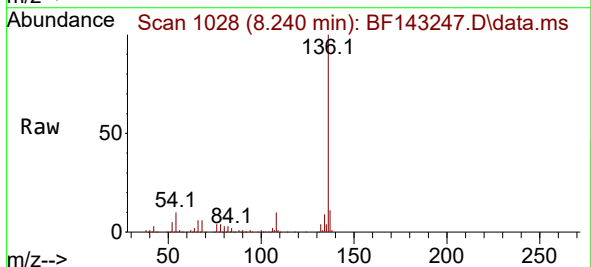
Instrument :
BNA_F
ClientSampleId :
PB169004BL

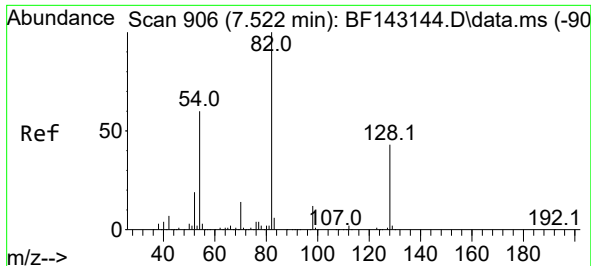
Tgt Ion: 99 Resp: 947895
Ion Ratio Lower Upper
99 100
42 21.8 17.0 25.6
71 35.7 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BF143247.D
Acq: 25 Jul 2025 13:11

Tgt Ion: 136 Resp: 389583
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 10.0 8.2 12.2
68 6.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 82.046 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143247.D

Acq: 25 Jul 2025 13:11

Instrument :

BNA_F

ClientSampleId :

PB169004BL

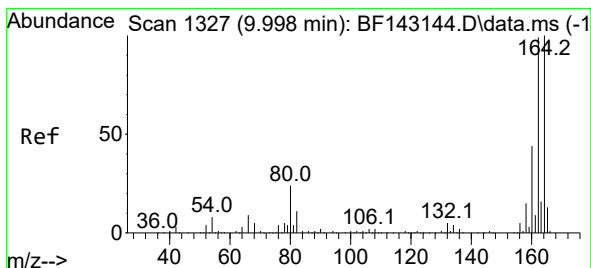
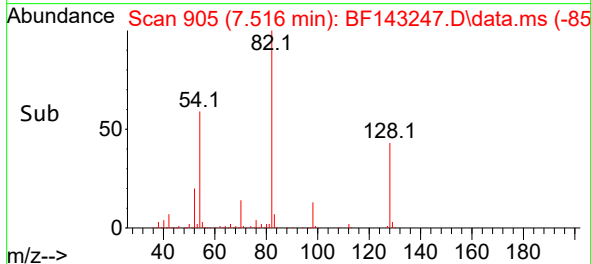
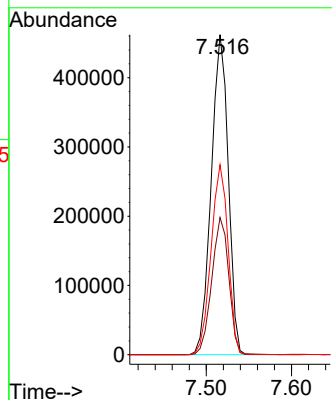
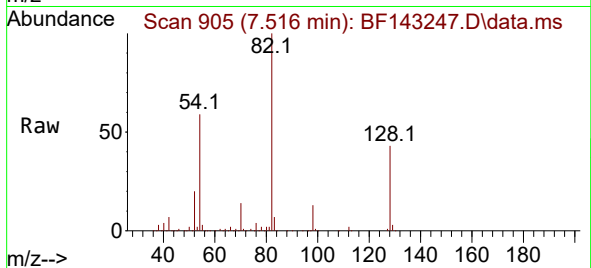
Tgt Ion: 82 Resp: 641236

Ion Ratio Lower Upper

82 100

128 42.9 33.6 50.4

54 59.4 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF143247.D

Acq: 25 Jul 2025 13:11

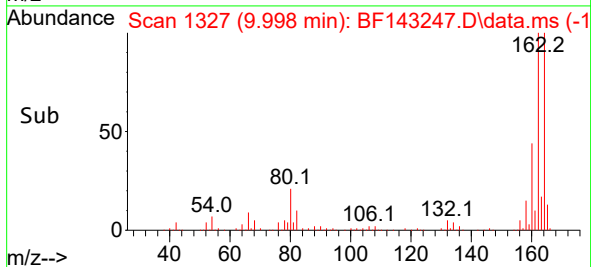
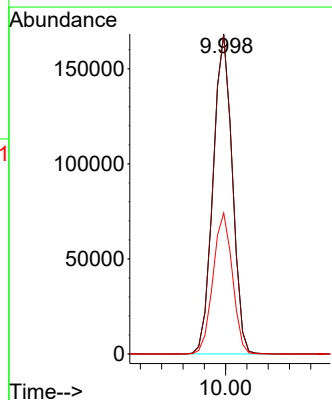
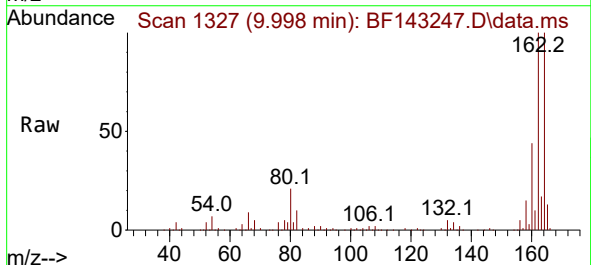
Tgt Ion: 164 Resp: 210340

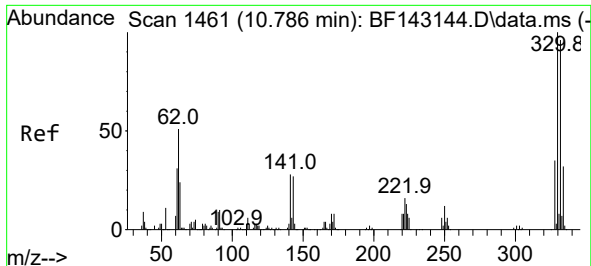
Ion Ratio Lower Upper

164 100

162 99.6 79.0 118.6

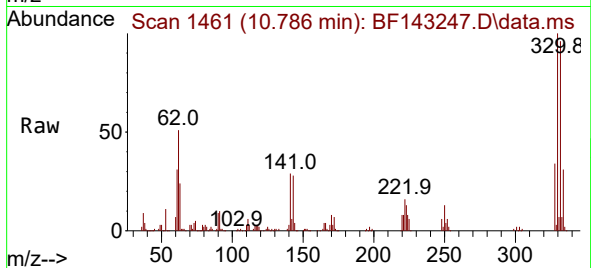
160 44.1 35.1 52.7



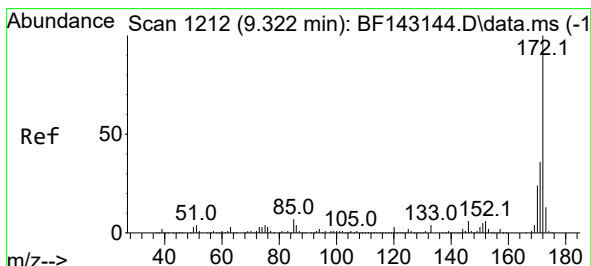
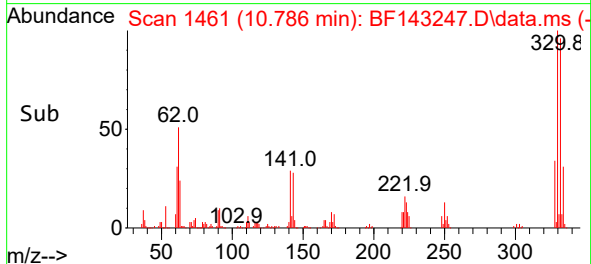
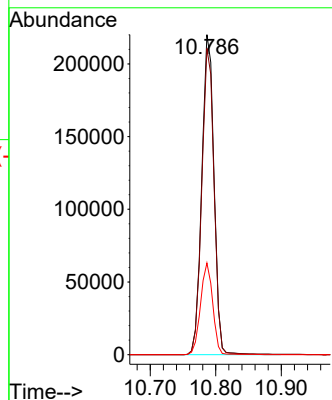


#42
2,4,6-Tribromophenol
Concen: 131.545 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143247.D
Acq: 25 Jul 2025 13:11

Instrument :
BNA_F
ClientSampleId :
PB169004BL

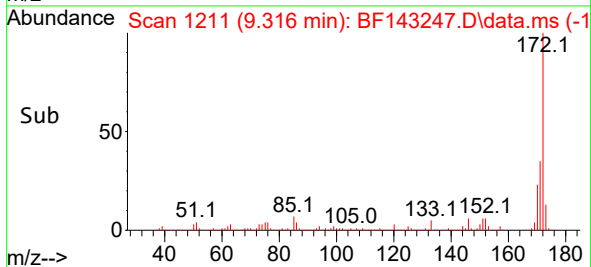
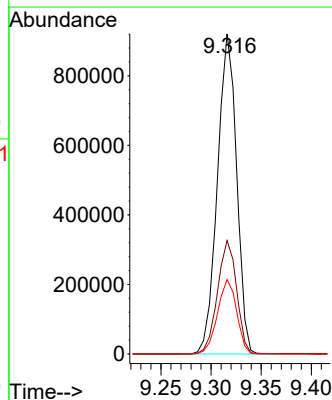
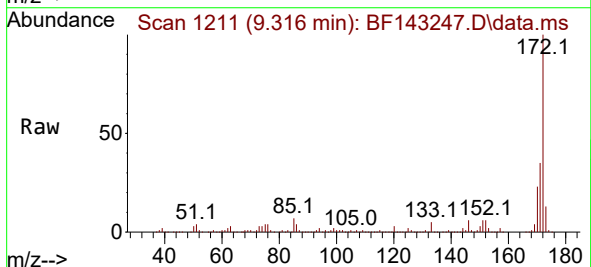


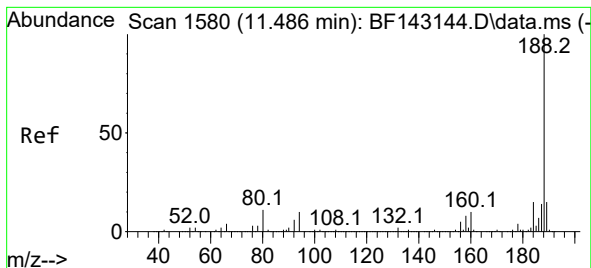
Tgt Ion: 330 Resp: 285838
Ion Ratio Lower Upper
330 100
332 96.2 76.7 115.1
141 28.6 23.3 34.9



#45
2-Fluorobiphenyl
Concen: 79.667 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143247.D
Acq: 25 Jul 2025 13:11

Tgt Ion: 172 Resp: 1225280
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.2 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143247.D

Acq: 25 Jul 2025 13:11

Instrument :

BNA_F

ClientSampleId :

PB169004BL

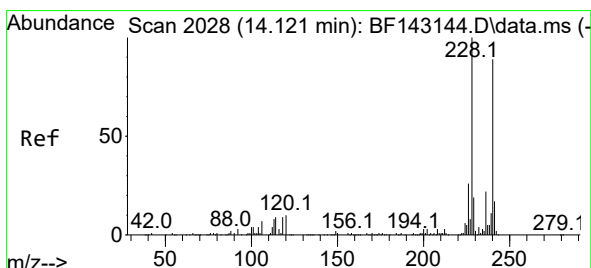
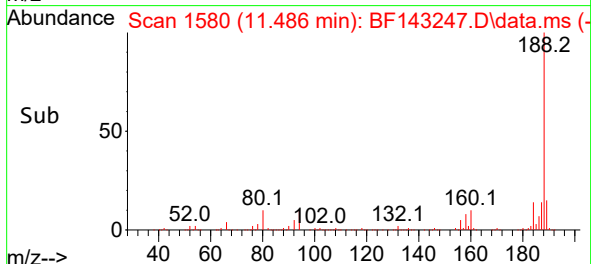
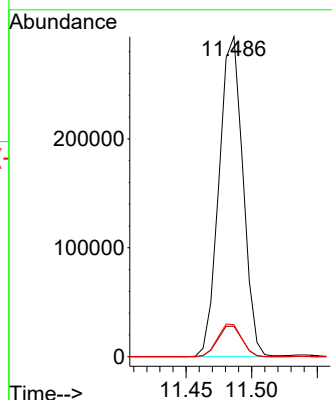
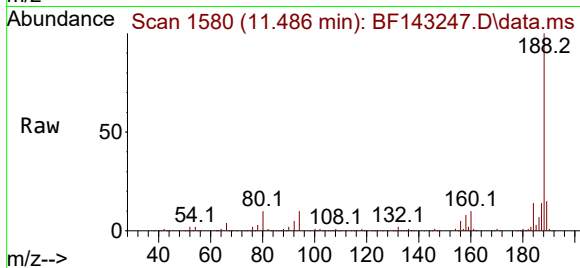
Tgt Ion:188 Resp: 372173

Ion Ratio Lower Upper

188 100

94 9.5 8.3 12.5

80 10.0 9.0 13.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.127 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF143247.D

Acq: 25 Jul 2025 13:11

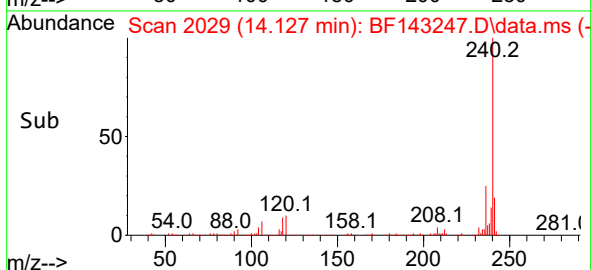
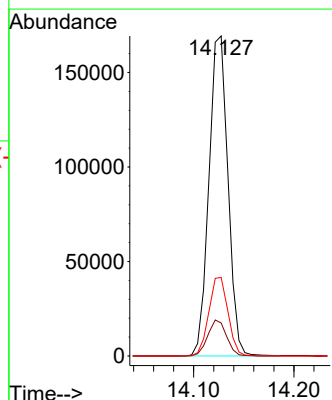
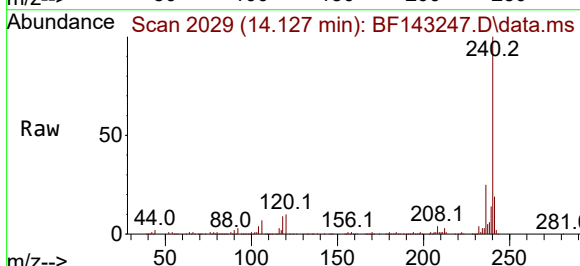
Tgt Ion:240 Resp: 223974

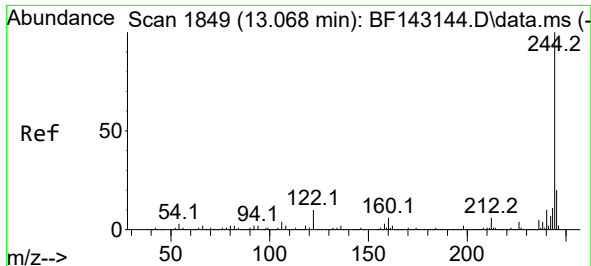
Ion Ratio Lower Upper

240 100

120 10.3 9.4 14.2

236 24.6 20.2 30.4

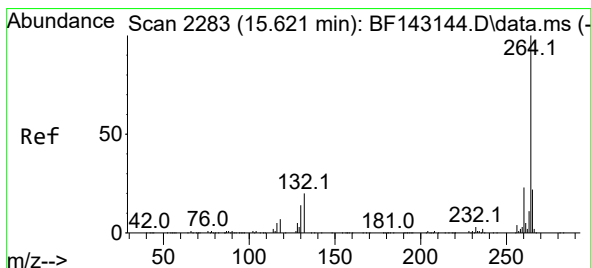
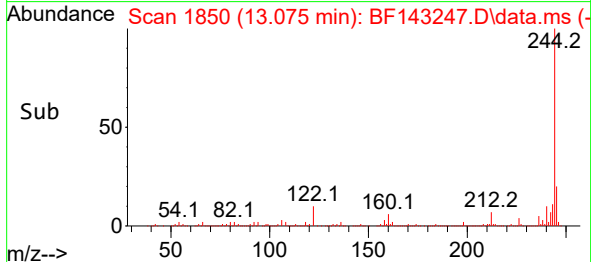
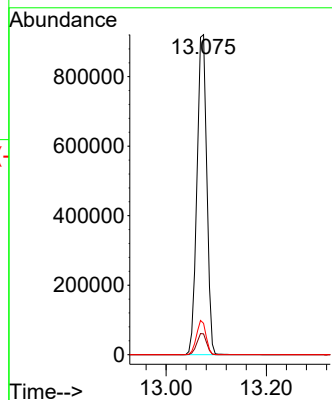
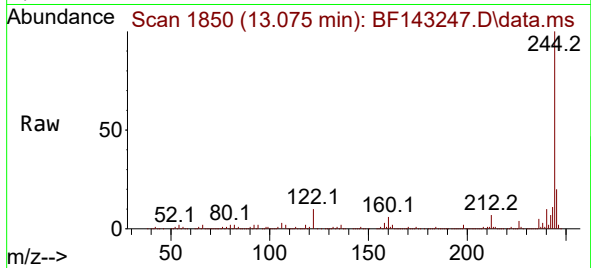




#79
 Terphenyl-d14
 Concen: 82.887 ng
 RT: 13.075 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF143247.D
 Acq: 25 Jul 2025 13:11

Instrument :
 BNA_F
 ClientSampleId :
 PB169004BL

Tgt Ion:244 Resp: 1247531
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.2 7.8
 122 9.8 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.633 min Scan# 2285
 Delta R.T. 0.012 min
 Lab File: BF143247.D
 Acq: 25 Jul 2025 13:11

Tgt Ion:264 Resp: 211772
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.5 27.7
 265 21.2 17.4 26.2

