

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
 Data File : BF143214.D
 Acq On : 23 Jul 2025 16:30
 Operator : RC/JU
 Sample : PB168948BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168948BL

Quant Time: Jul 23 17:01:56 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	130534	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	502795	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	278326	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	500788	20.000	ng	0.00
76) Chrysene-d12	14.121	240	303819	20.000	ng	0.00
86) Perylene-d12	15.621	264	276240	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	950286	115.203	ng	0.02
7) Phenol-d6	6.586	99	1206637	116.217	ng	0.00
23) Nitrobenzene-d5	7.516	82	806060	79.913	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	358095	124.543	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1522826	74.828	ng	0.00
79) Terphenyl-d14	13.068	244	1633766	80.022	ng	0.00

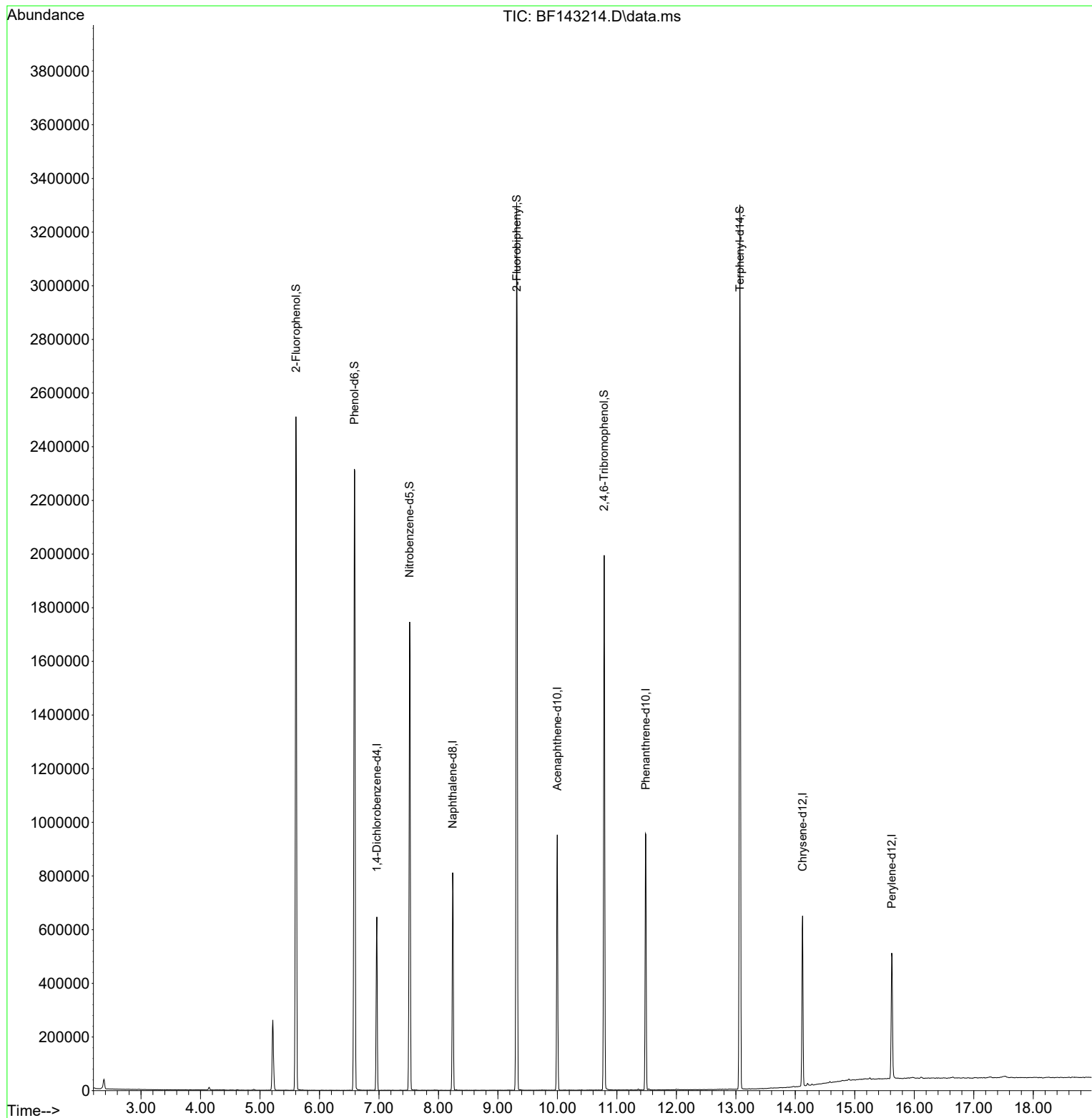
Target Compounds	Qvalue

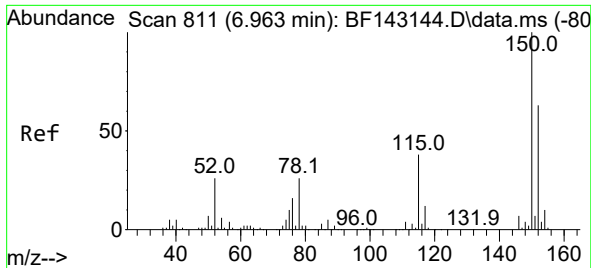
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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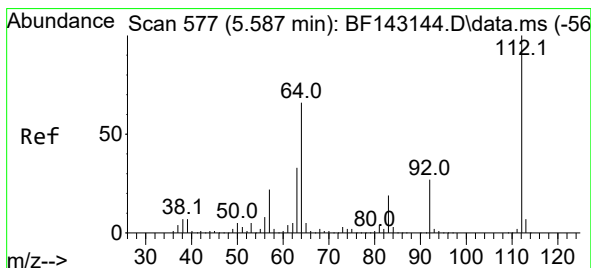
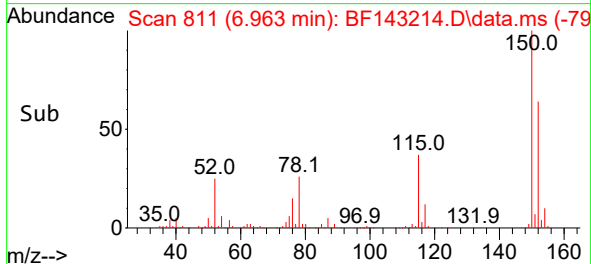
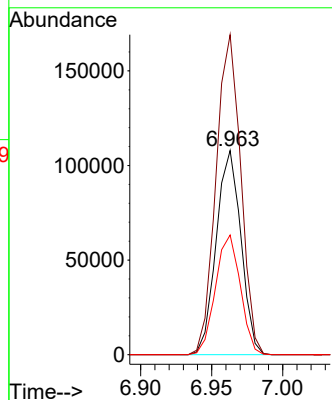
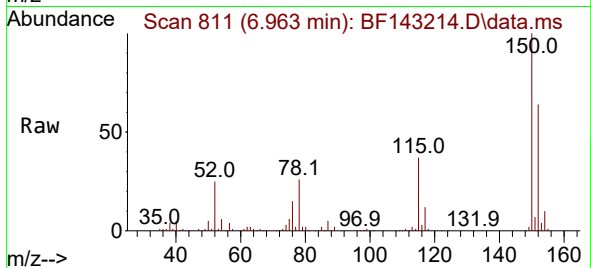




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF143214.D
Acq: 23 Jul 2025 16:30

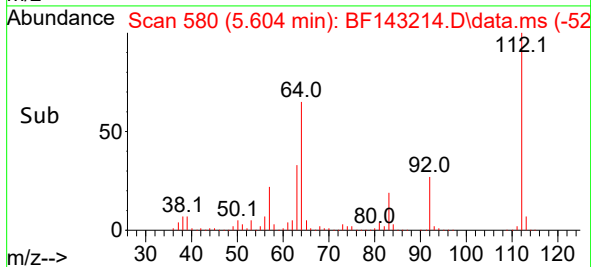
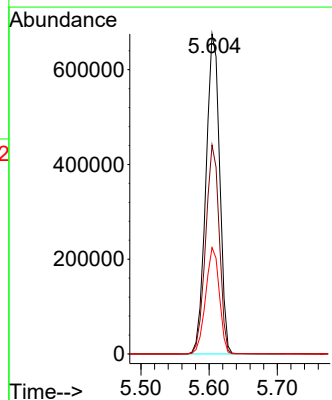
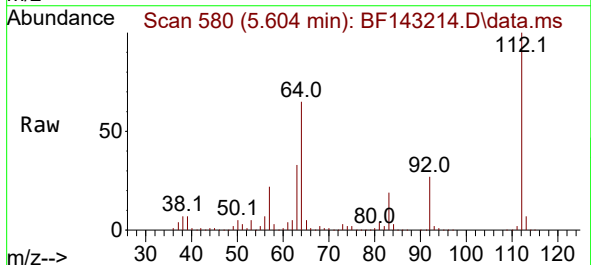
Instrument :
BNA_F
ClientSampleId :
PB168948BL

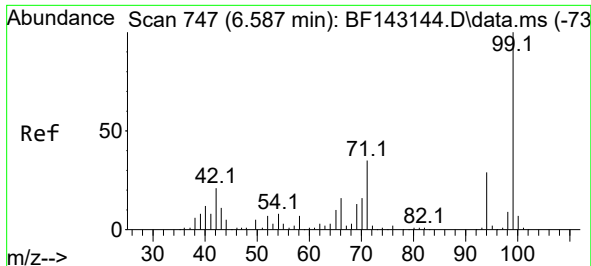
Tgt Ion:152 Resp: 130534
Ion Ratio Lower Upper
152 100
150 156.7 128.2 192.4
115 58.6 47.9 71.9



#5
2-Fluorophenol
Concen: 115.203 ng
RT: 5.604 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF143214.D
Acq: 23 Jul 2025 16:30

Tgt Ion:112 Resp: 950286
Ion Ratio Lower Upper
112 100
64 65.2 53.1 79.7
63 33.2 26.6 40.0

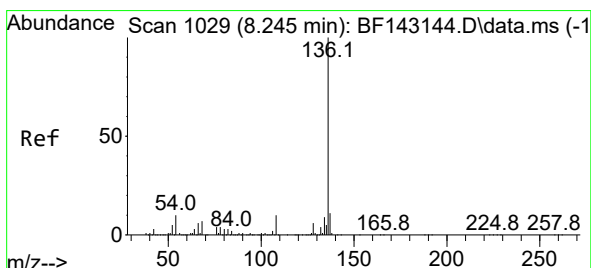
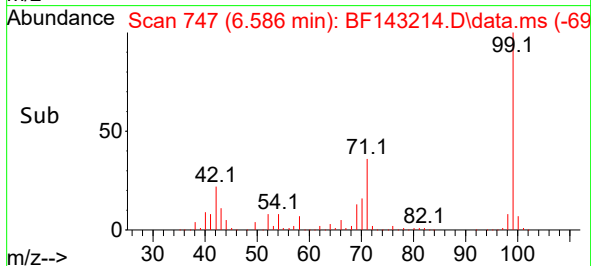
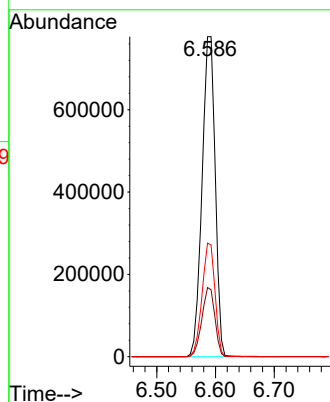
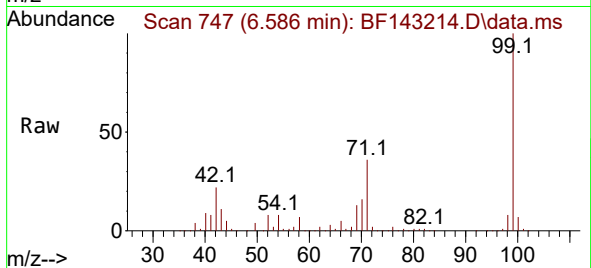




#7
Phenol-d6
Concen: 116.217 ng
RT: 6.586 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF143214.D
Acq: 23 Jul 2025 16:30

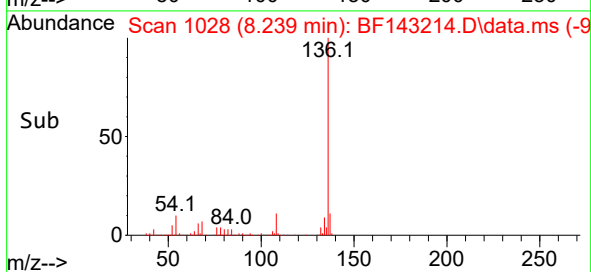
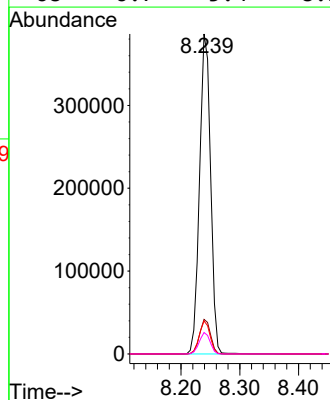
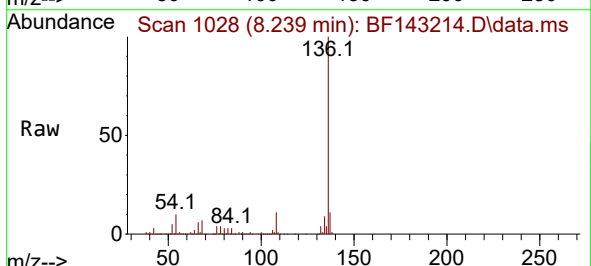
Instrument :
BNA_F
ClientSampleId :
PB168948BL

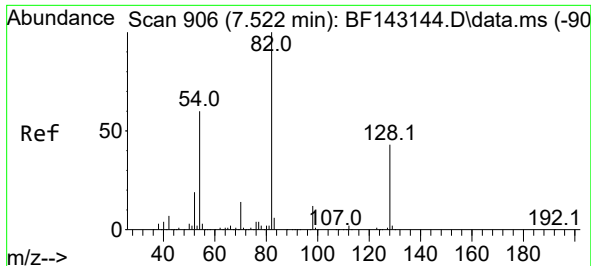
Tgt Ion: 99 Resp: 1206637
Ion Ratio Lower Upper
99 100
42 21.6 17.0 25.6
71 35.5 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143214.D
Acq: 23 Jul 2025 16:30

Tgt Ion: 136 Resp: 502795
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.3 8.2 12.2
68 6.7 5.4 8.2





#23

Nitrobenzene-d5

Concen: 79.913 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143214.D

Acq: 23 Jul 2025 16:30

Instrument :

BNA_F

ClientSampleId :

PB168948BL

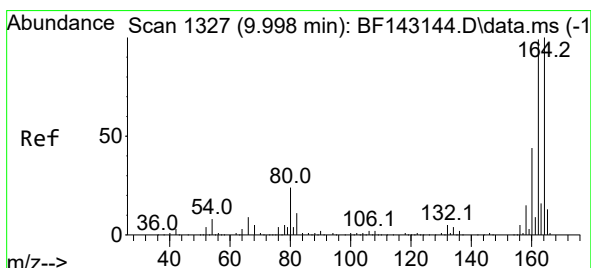
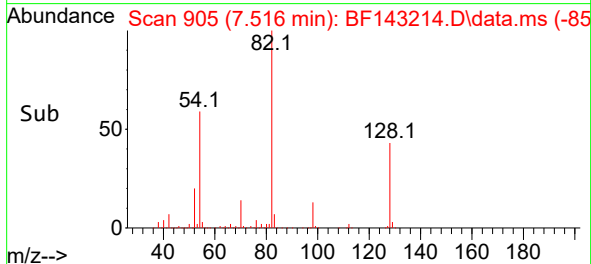
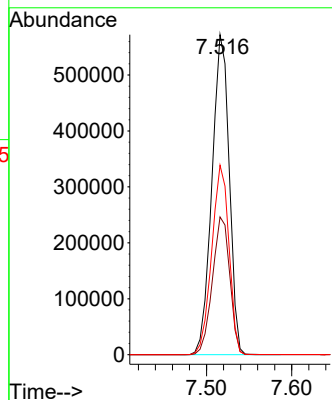
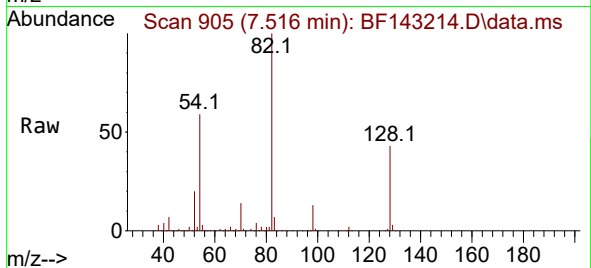
Tgt Ion: 82 Resp: 806060

Ion Ratio Lower Upper

82 100

128 43.1 33.6 50.4

54 59.2 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: BF143214.D

Acq: 23 Jul 2025 16:30

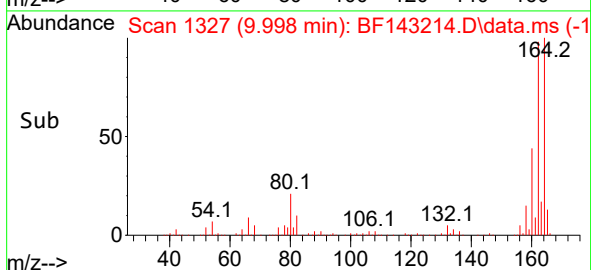
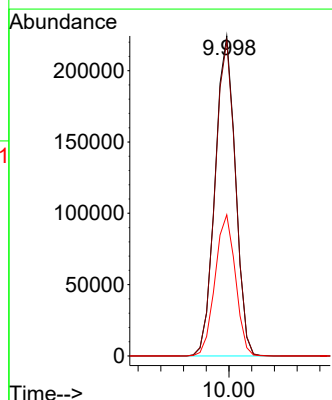
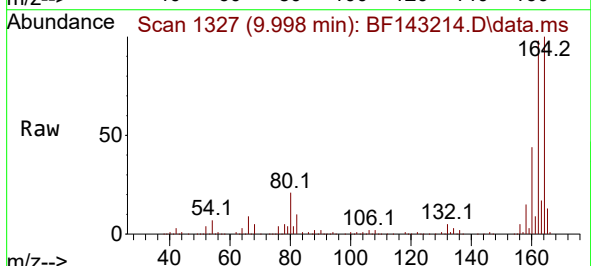
Tgt Ion:164 Resp: 278326

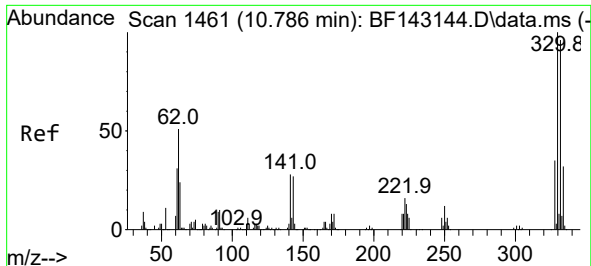
Ion Ratio Lower Upper

164 100

162 98.3 79.0 118.6

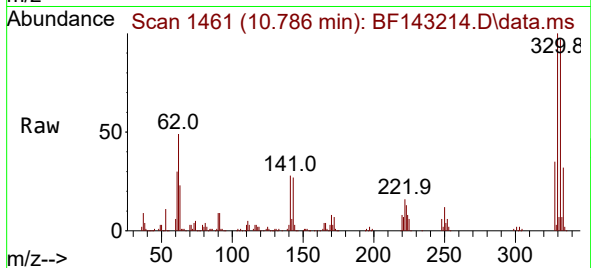
160 44.1 35.1 52.7



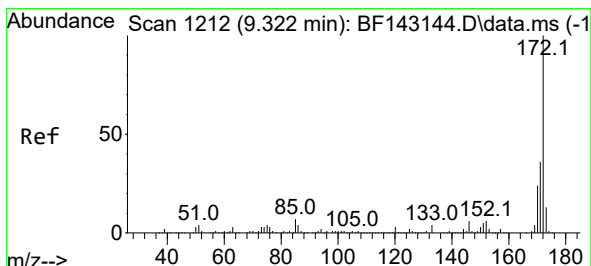
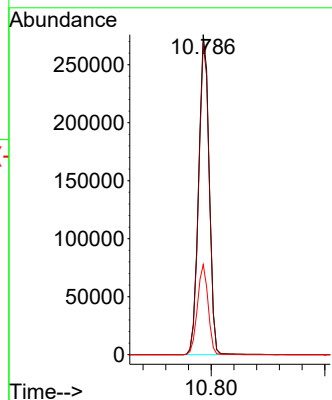
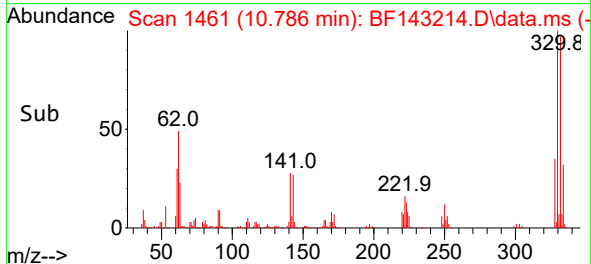


#42
 2,4,6-Tribromophenol
 Concen: 124.543 ng
 RT: 10.786 min Scan# 1461
 Delta R.T. -0.000 min
 Lab File: BF143214.D
 Acq: 23 Jul 2025 16:30

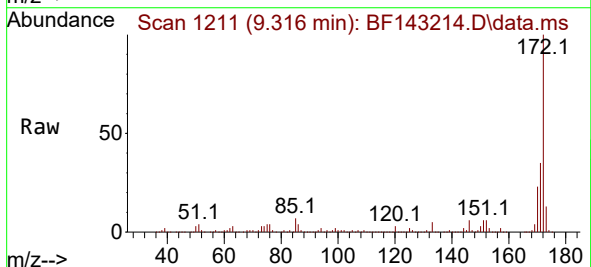
Instrument :
 BNA_F
 ClientSampleId :
 PB168948BL



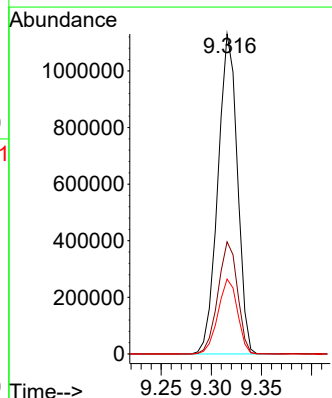
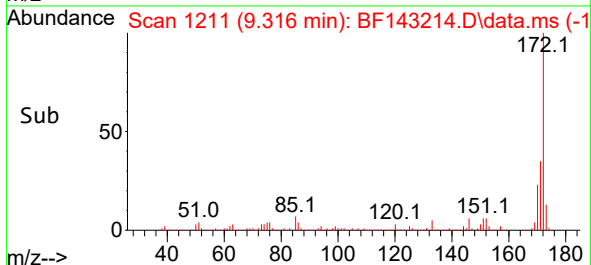
Tgt Ion:330 Resp: 358095
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.7 115.1
 141 28.4 23.3 34.9

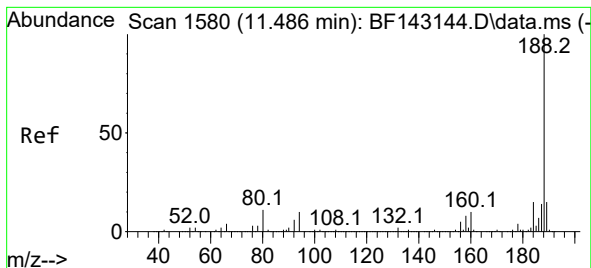


#45
 2-Fluorobiphenyl
 Concen: 74.828 ng
 RT: 9.316 min Scan# 1211
 Delta R.T. -0.006 min
 Lab File: BF143214.D
 Acq: 23 Jul 2025 16:30



Tgt Ion:172 Resp: 1522826
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 42.8
 170 23.4 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: BF143214.D

Acq: 23 Jul 2025 16:30

Instrument :

BNA_F

ClientSampleId :

PB168948BL

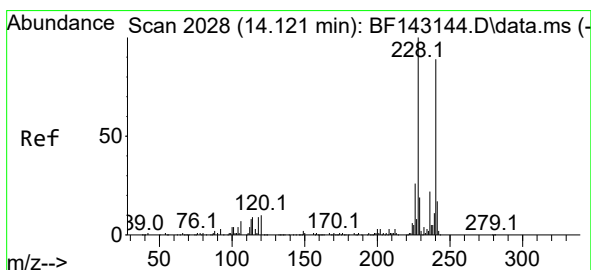
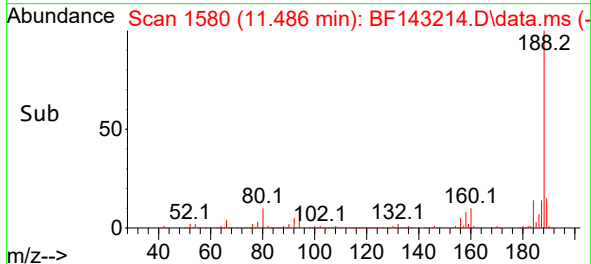
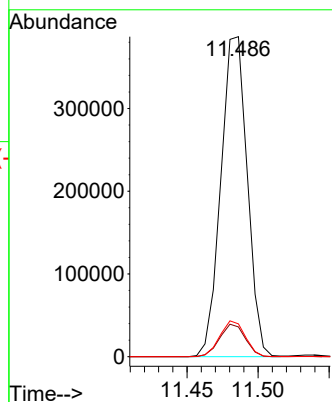
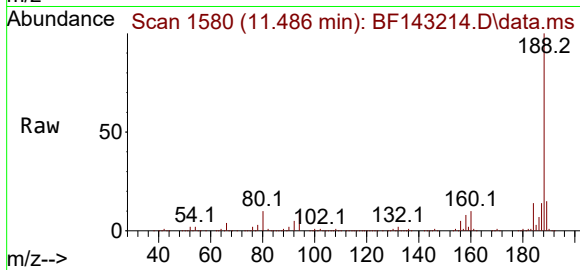
Tgt Ion:188 Resp: 500788

Ion Ratio Lower Upper

188 100

94 9.3 8.3 12.5

80 10.2 9.0 13.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.121 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF143214.D

Acq: 23 Jul 2025 16:30

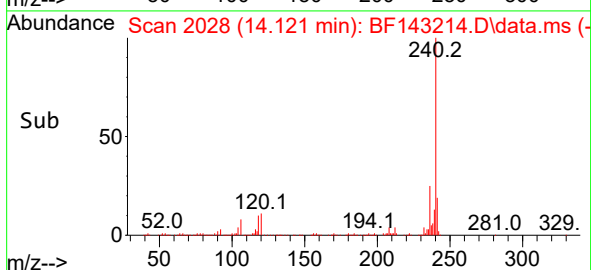
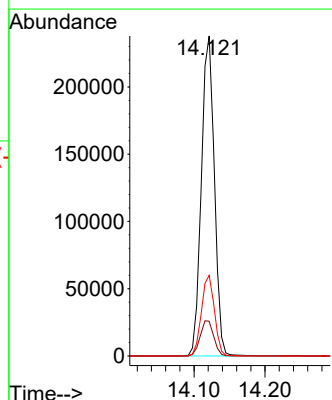
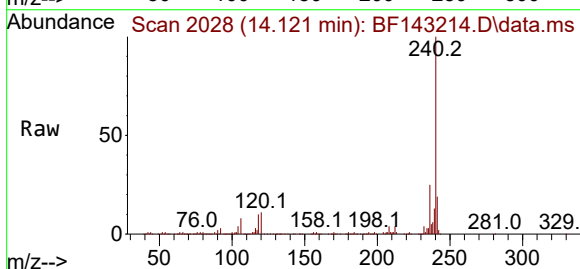
Tgt Ion:240 Resp: 303819

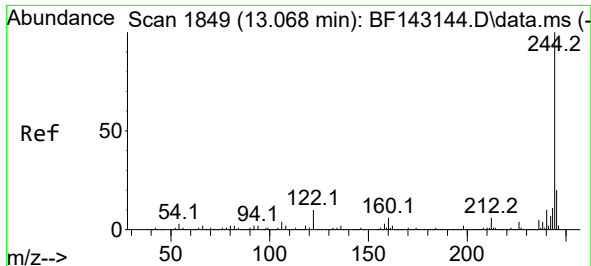
Ion Ratio Lower Upper

240 100

120 10.8 9.4 14.2

236 25.2 20.2 30.4

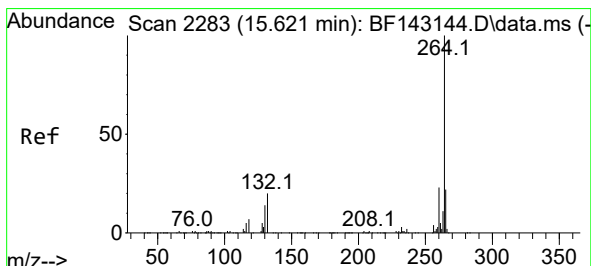
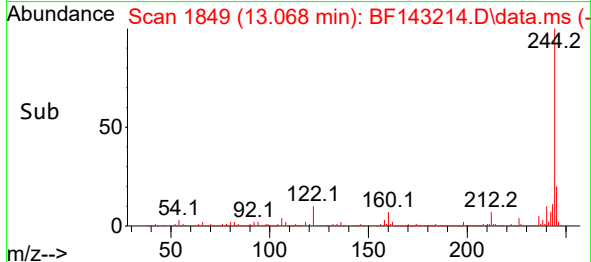
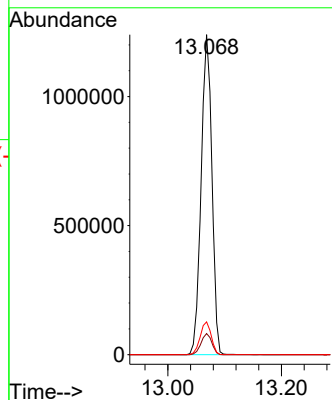
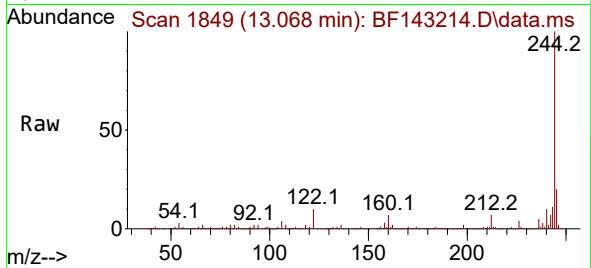




#79
 Terphenyl-d14
 Concen: 80.022 ng
 RT: 13.068 min Scan# 1849
 Delta R.T. -0.000 min
 Lab File: BF143214.D
 Acq: 23 Jul 2025 16:30

Instrument :
 BNA_F
 ClientSampleId :
 PB168948BL

Tgt Ion:244 Resp: 1633766
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.2 7.8
 122 10.3 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: BF143214.D
 Acq: 23 Jul 2025 16:30

Tgt Ion:264 Resp: 276240
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.5 27.7
 265 21.6 17.4 26.2

