

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080625\
 Data File : BF143329.D
 Acq On : 06 Aug 2025 14:47
 Operator : RC/JU
 Sample : Q2774-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12017

Quant Time: Aug 06 15:45:14 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	76131	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	283900	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	121496	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	193061	20.000	ng	0.00
76) Chrysene-d12	14.127	240	195842	20.000	ng	0.00
86) Perylene-d12	15.639	264	156363	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	453022	94.165	ng	0.01
7) Phenol-d6	6.593	99	494366	81.640	ng	0.00
23) Nitrobenzene-d5	7.516	82	337512	59.260	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	111659	88.963	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	623041	70.133	ng	0.00
79) Terphenyl-d14	13.069	244	592539	45.024	ng	0.00

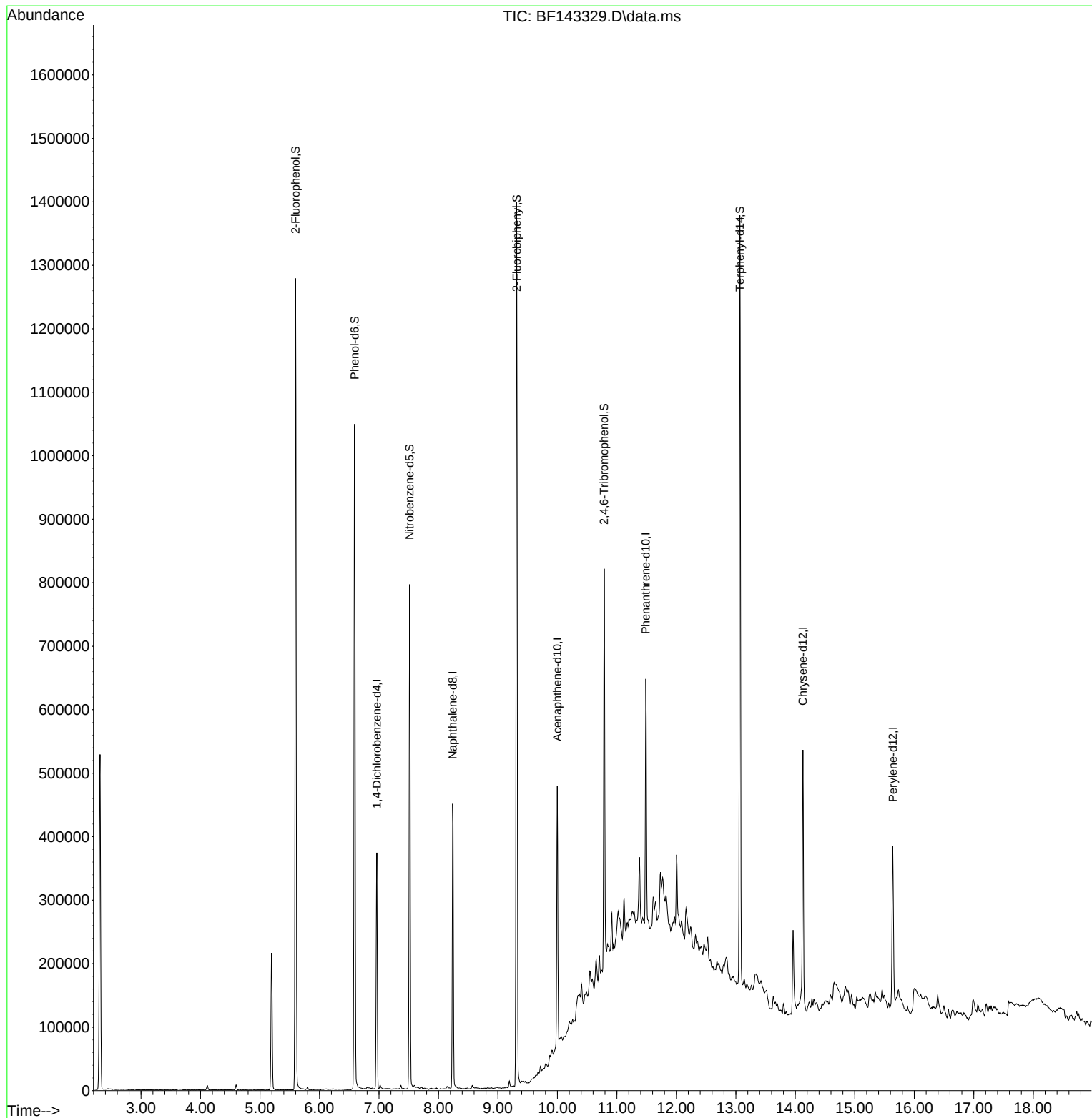
Target Compounds	Qvalue

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

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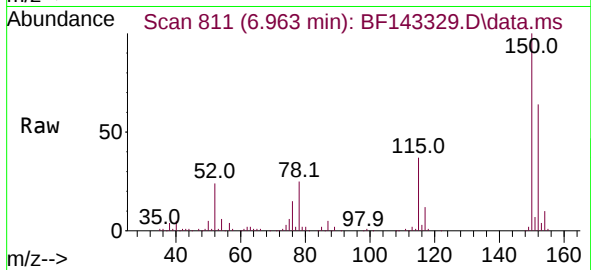
Quant Time: Aug 06 15:45:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration



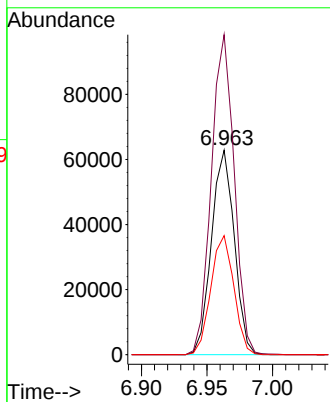
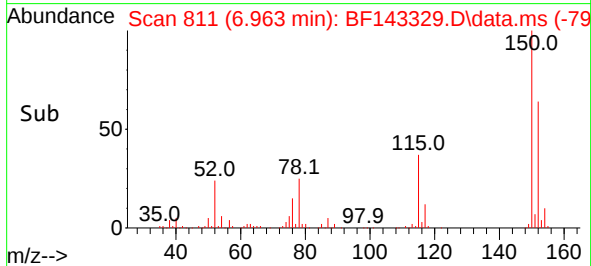


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143329.D
Acq: 06 Aug 2025 14:47

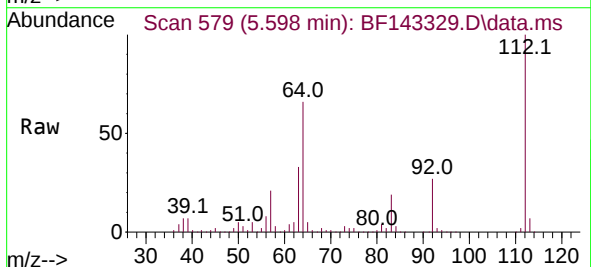
Instrument :
BNA_F
ClientSampleId :
72-12017



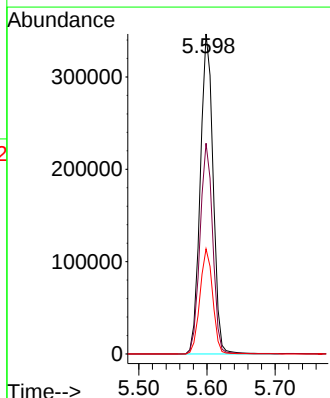
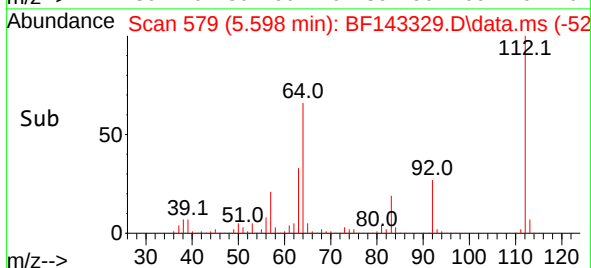
Tgt Ion:152 Resp: 76131
Ion Ratio Lower Upper
152 100
150 156.5 128.2 192.4
115 58.2 47.9 71.9



#5
2-Fluorophenol
Concen: 94.165 ng
RT: 5.598 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF143329.D
Acq: 06 Aug 2025 14:47



Tgt Ion:112 Resp: 453022
Ion Ratio Lower Upper
112 100
64 65.8 53.1 79.7
63 32.9 26.6 40.0

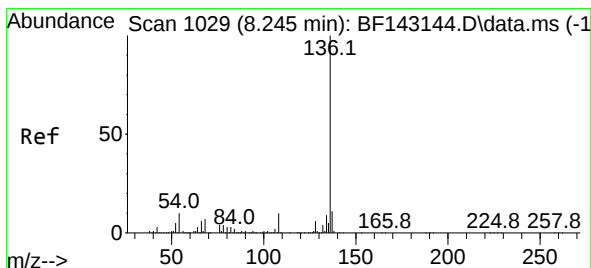
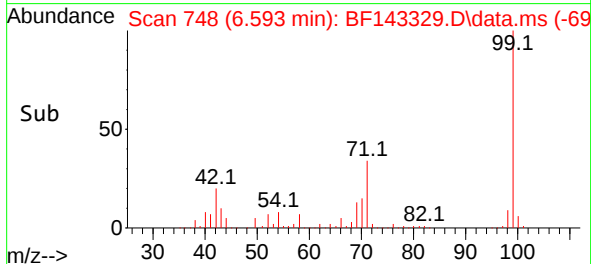
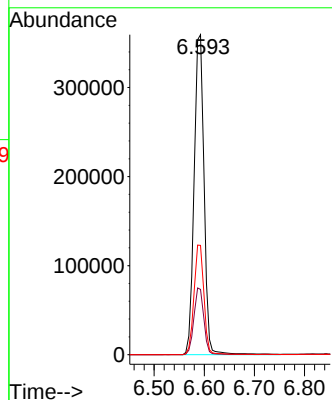
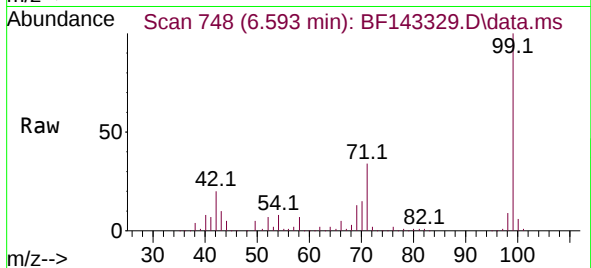




#7
Phenol-d6
Concen: 81.640 ng
RT: 6.593 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF143329.D
Acq: 06 Aug 2025 14:47

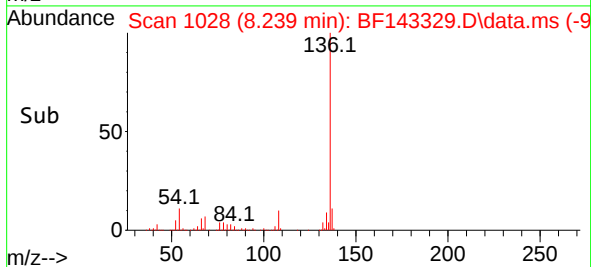
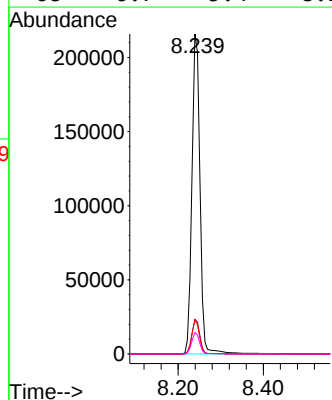
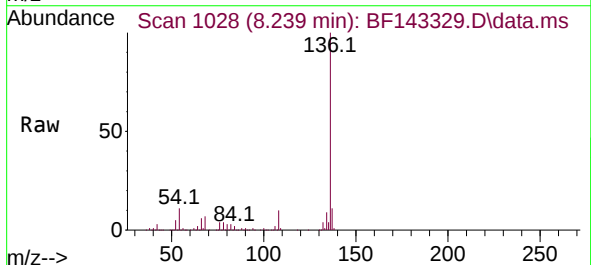
Instrument :
BNA_F
ClientSampleId :
72-12017

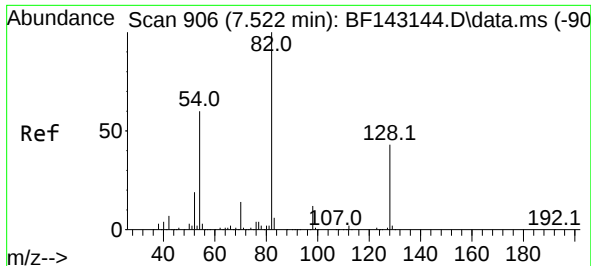
Tgt Ion: 99 Resp: 494366
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.6
71 34.2 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143329.D
Acq: 06 Aug 2025 14:47

Tgt Ion: 136 Resp: 283900
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.5 8.2 12.2
68 6.7 5.4 8.2





#23

Nitrobenzene-d5

Concen: 59.260 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143329.D

Acq: 06 Aug 2025 14:47

Instrument :

BNA_F

ClientSampleId :

72-12017

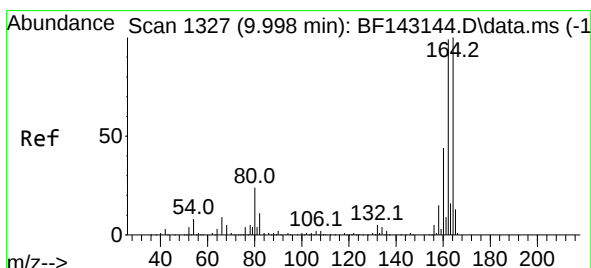
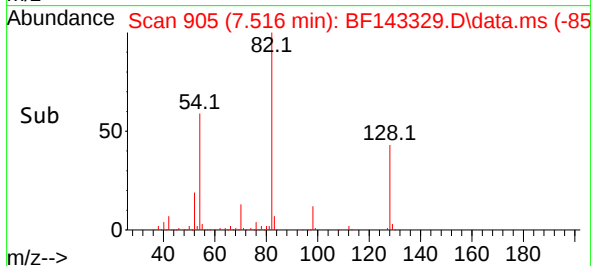
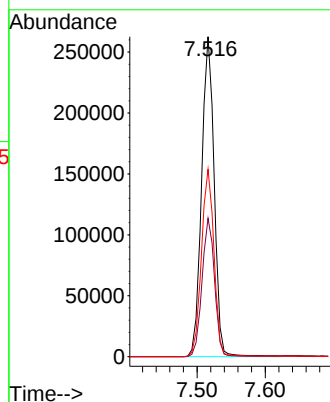
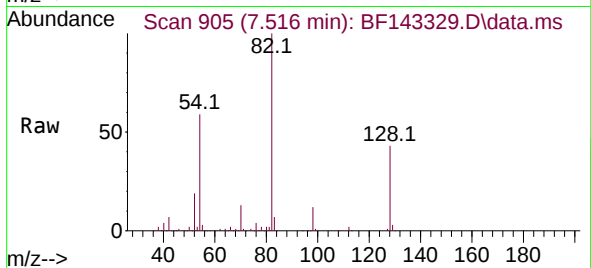
Tgt Ion: 82 Resp: 337512

Ion Ratio Lower Upper

82 100

128 43.3 33.6 50.4

54 58.6 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: BF143329.D

Acq: 06 Aug 2025 14:47

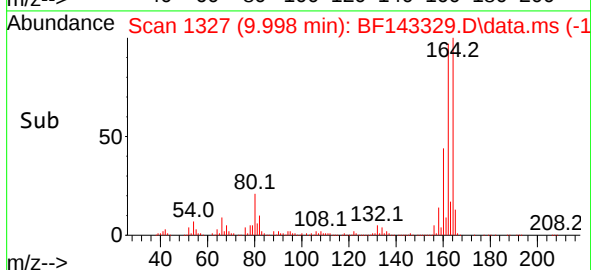
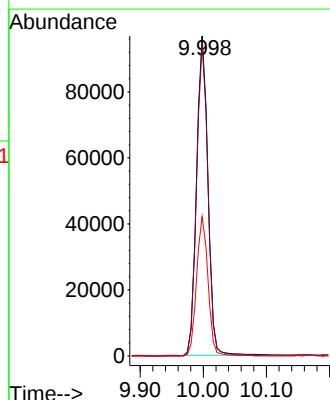
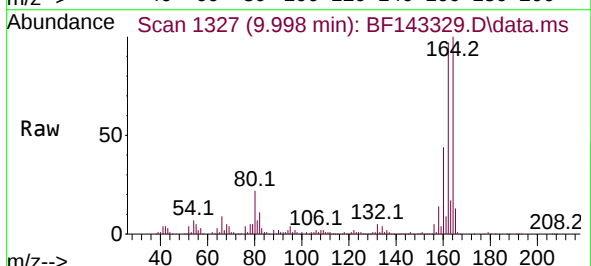
Tgt Ion:164 Resp: 121496

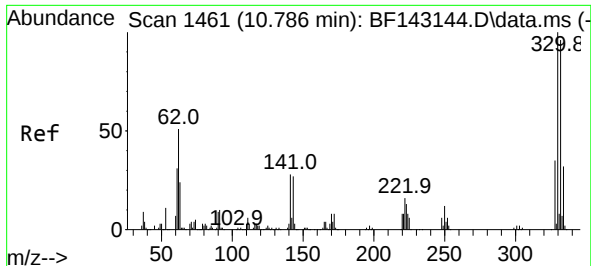
Ion Ratio Lower Upper

164 100

162 97.5 79.0 118.6

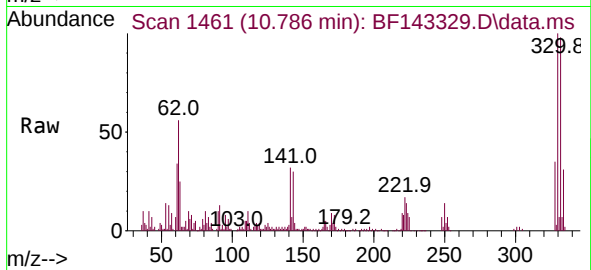
160 43.6 35.1 52.7



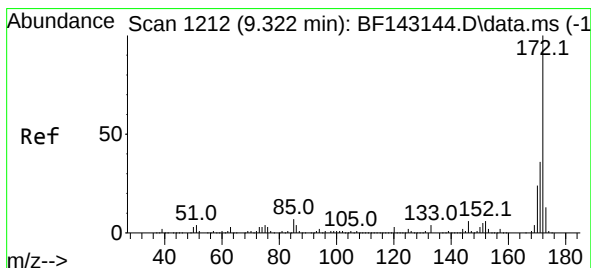
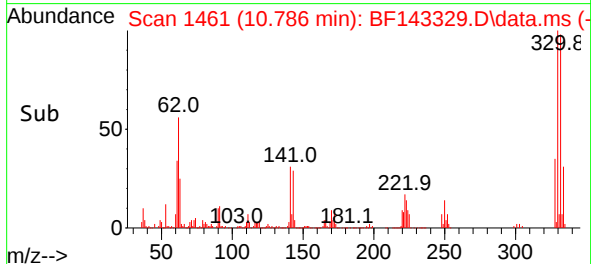
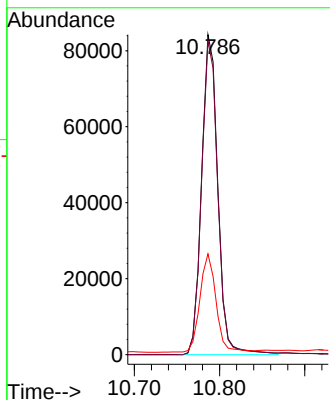


#42
 2,4,6-Tribromophenol
 Concen: 88.963 ng
 RT: 10.786 min Scan# 1461
 Delta R.T. 0.000 min
 Lab File: BF143329.D
 Acq: 06 Aug 2025 14:47

Instrument :
 BNA_F
 ClientSampleId :
 72-12017

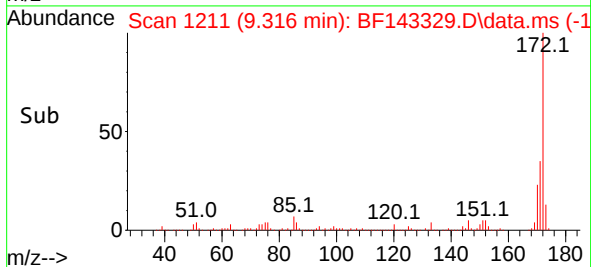
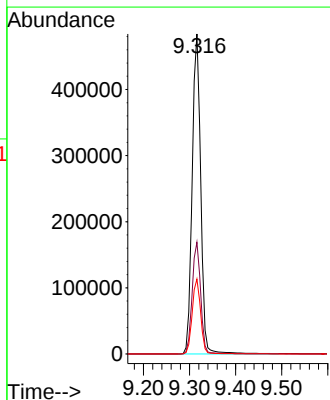
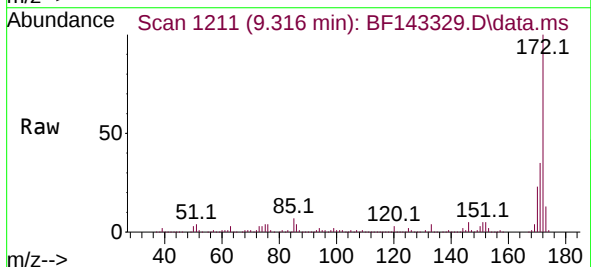


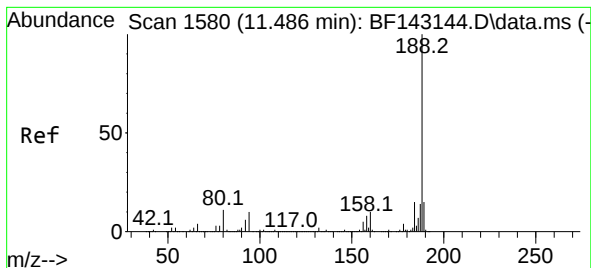
Tgt Ion: 330 Resp: 111659
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.7 115.1
 141 30.6 23.3 34.9



#45
 2-Fluorobiphenyl
 Concen: 70.133 ng
 RT: 9.316 min Scan# 1211
 Delta R.T. -0.006 min
 Lab File: BF143329.D
 Acq: 06 Aug 2025 14:47

Tgt Ion: 172 Resp: 623041
 Ion Ratio Lower Upper
 172 100
 171 34.9 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: BF143329.D

Acq: 06 Aug 2025 14:47

Instrument :

BNA_F

ClientSampleId :

72-12017

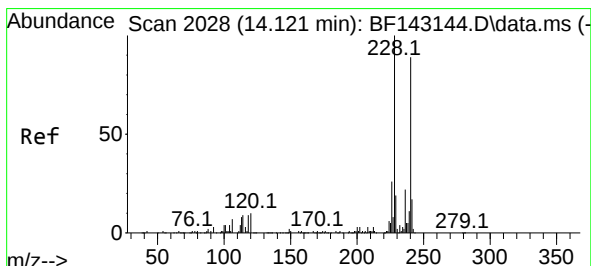
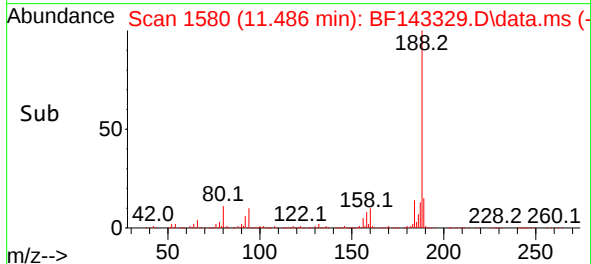
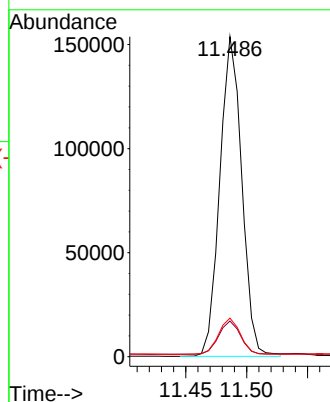
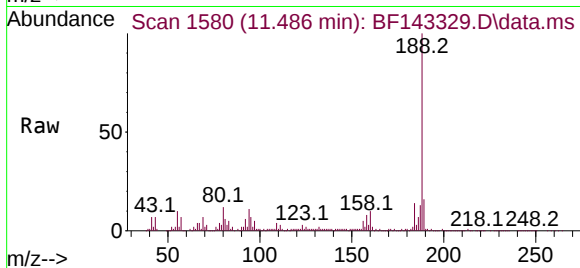
Tgt Ion:188 Resp: 193061

Ion Ratio Lower Upper

188 100

94 11.1 8.3 12.5

80 12.0 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: BF143329.D

Acq: 06 Aug 2025 14:47

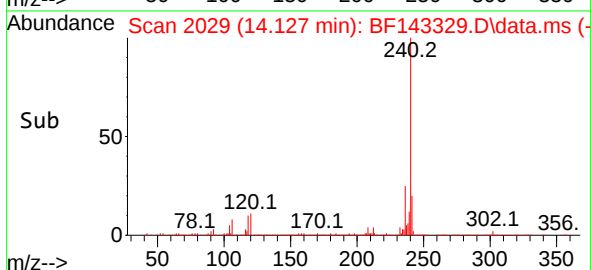
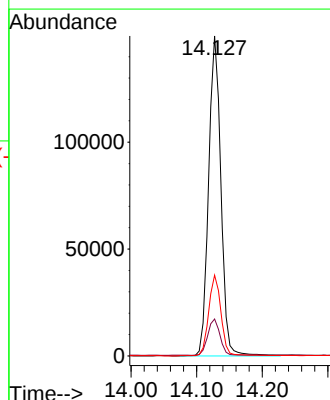
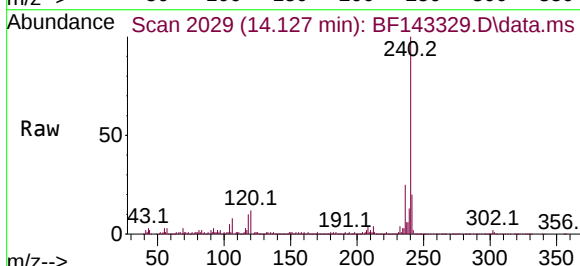
Tgt Ion:240 Resp: 195842

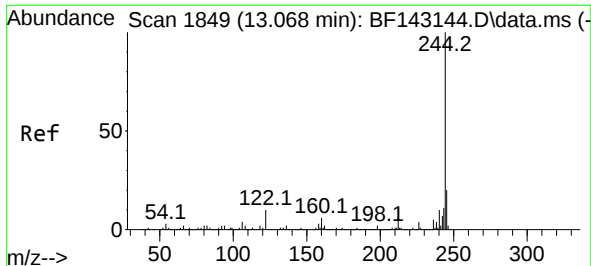
Ion Ratio Lower Upper

240 100

120 11.6 9.4 14.2

236 25.3 20.2 30.4

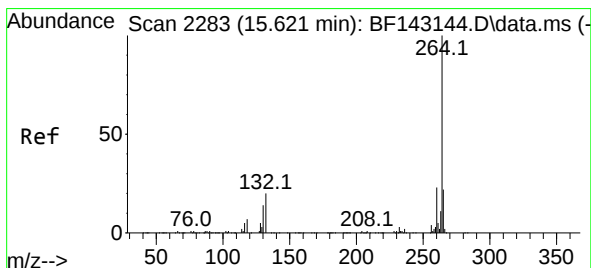
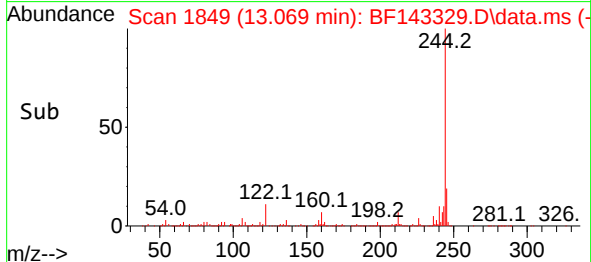
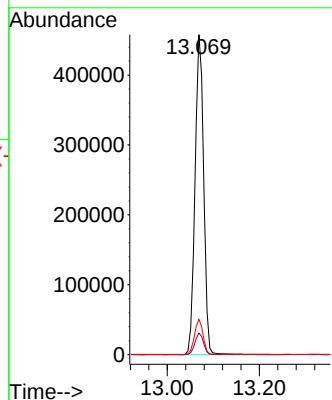
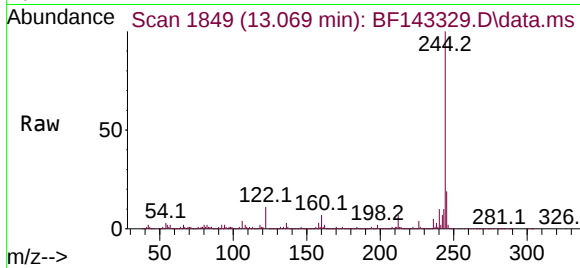




#79
 Terphenyl-d14
 Concen: 45.024 ng
 RT: 13.069 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF143329.D
 Acq: 06 Aug 2025 14:47

Instrument :
 BNA_F
 ClientSampleId :
 72-12017

Tgt Ion:244 Resp: 592539
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.2 7.8
 122 11.1 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2286
 Delta R.T. 0.018 min
 Lab File: BF143329.D
 Acq: 06 Aug 2025 14:47

Tgt Ion:264 Resp: 156363
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.5 27.7
 265 22.1 17.4 26.2

