

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071825\
 Data File : BF143166.D
 Acq On : 18 Jul 2025 14:54
 Operator : RC/JU
 Sample : Q2594-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CC-071325-RW

Quant Time: Jul 18 15:29:26 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	148923	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	563250	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	291129	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	471233	20.000	ng	0.00
76) Chrysene-d12	14.116	240	258976	20.000	ng	0.00
86) Perylene-d12	15.621	264	303472	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	201931	21.457	ng	0.03
7) Phenol-d6	6.575	99	191889	16.200	ng	-0.01
23) Nitrobenzene-d5	7.516	82	864066	76.469	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	241269	80.222	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1545436	72.599	ng	0.00
79) Terphenyl-d14	13.069	244	1248495	71.740	ng	0.00

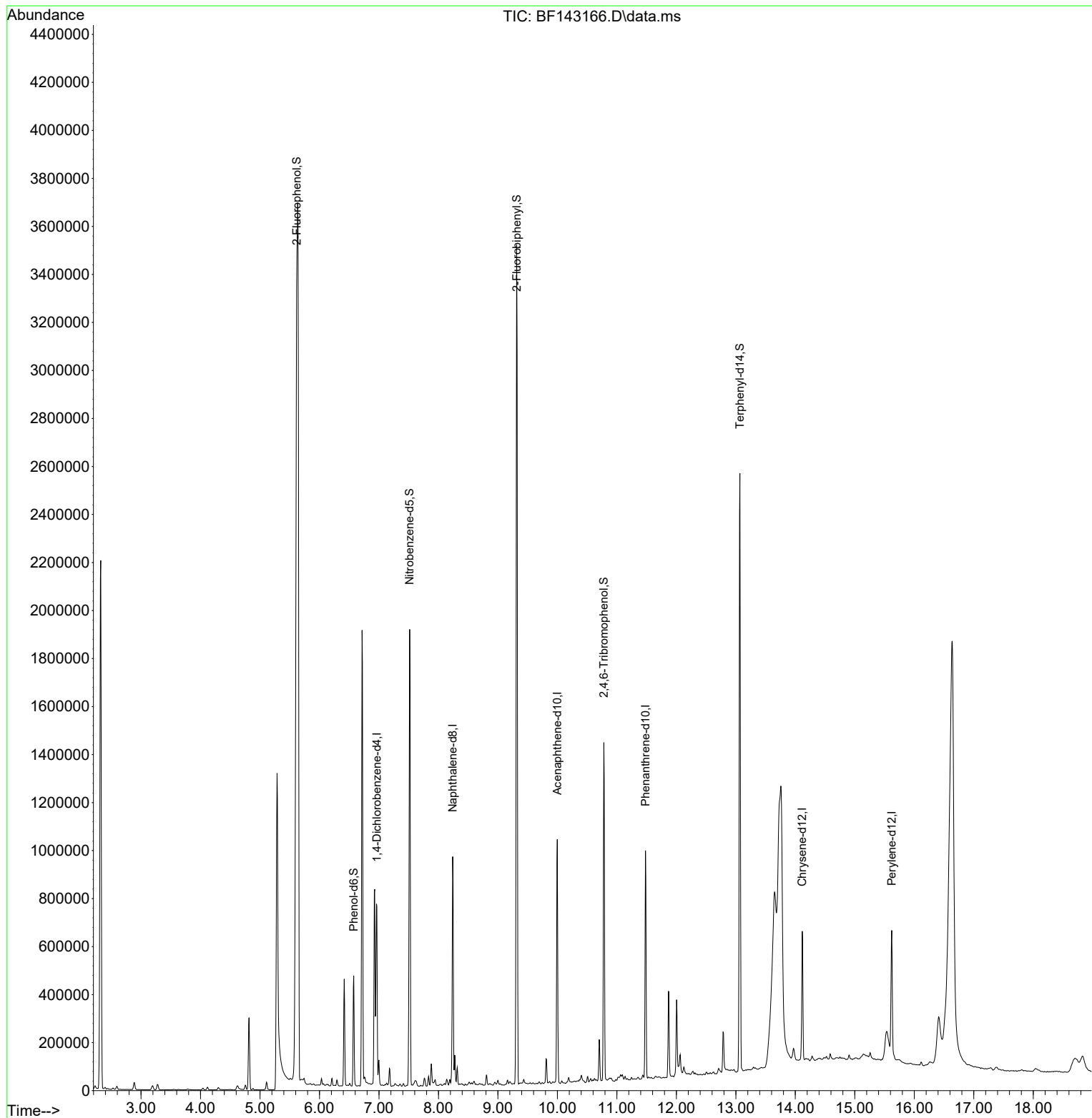
Target Compounds	Qvalue

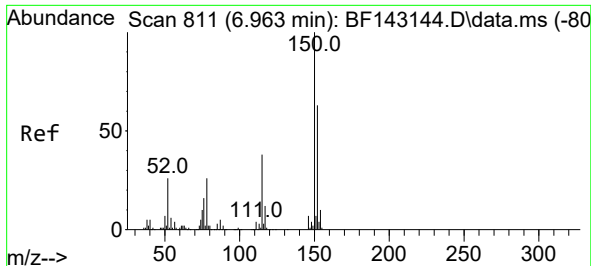
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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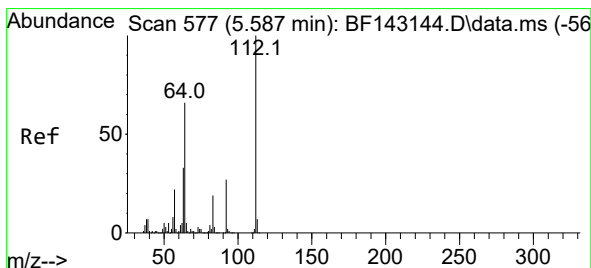
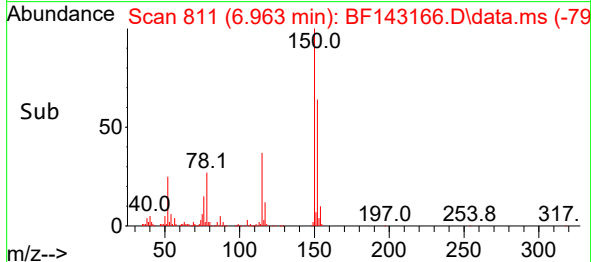
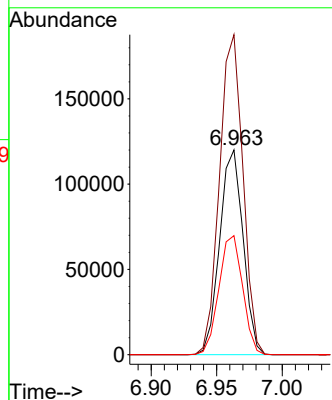
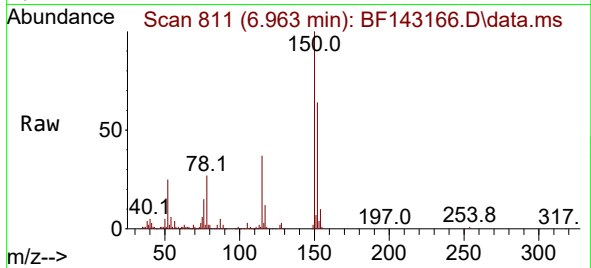




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143166.D
Acq: 18 Jul 2025 14:54

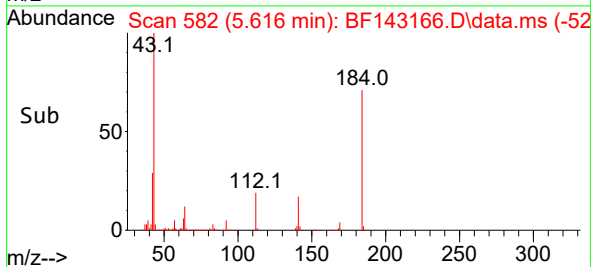
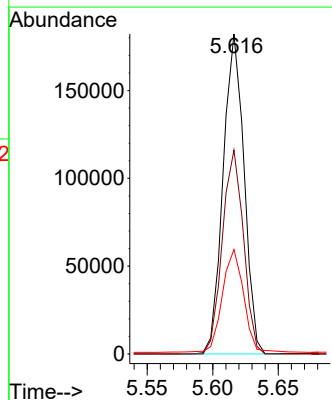
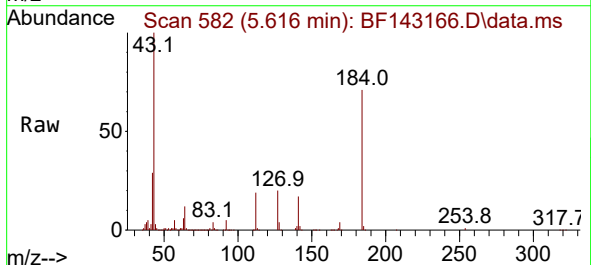
Instrument :
BNA_F
ClientSampleId :
CC-071325-RW

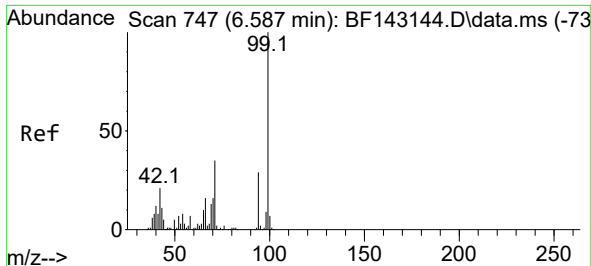
Tgt Ion:152 Resp: 148923
Ion Ratio Lower Upper
152 100
150 156.3 128.2 192.4
115 58.1 47.9 71.9



#5
2-Fluorophenol
Concen: 21.457 ng
RT: 5.616 min Scan# 582
Delta R.T. 0.029 min
Lab File: BF143166.D
Acq: 18 Jul 2025 14:54

Tgt Ion:112 Resp: 201931
Ion Ratio Lower Upper
112 100
64 63.7 53.1 79.7
63 32.7 26.6 40.0

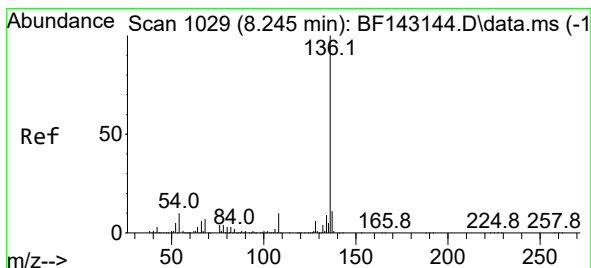
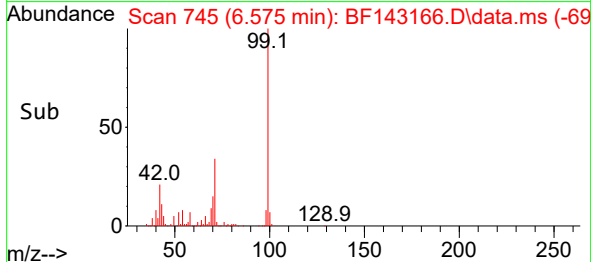
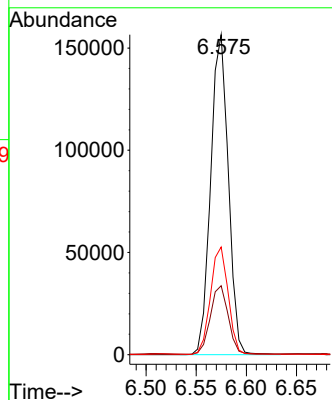
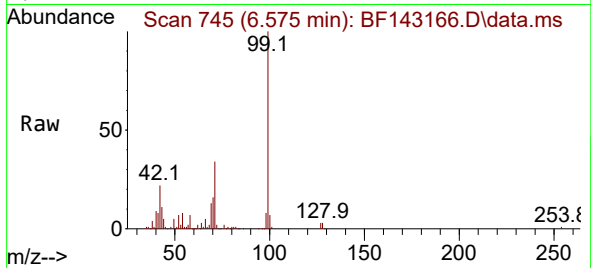




#7
Phenol-d6
Concen: 16.200 ng
RT: 6.575 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF143166.D
Acq: 18 Jul 2025 14:54

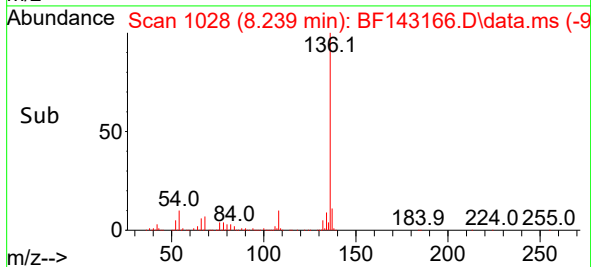
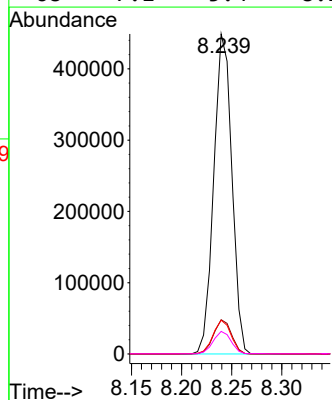
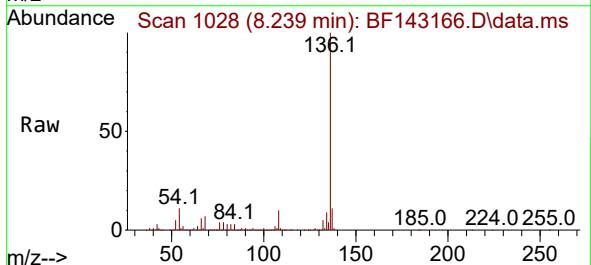
Instrument :
BNA_F
ClientSampleId :
CC-071325-RW

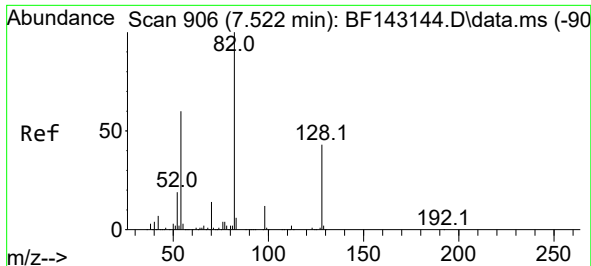
Tgt Ion: 99 Resp: 191889
Ion Ratio Lower Upper
99 100
42 21.6 17.0 25.6
71 33.6 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143166.D
Acq: 18 Jul 2025 14:54

Tgt Ion: 136 Resp: 563250
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 10.5 8.2 12.2
68 7.1 5.4 8.2





#23

Nitrobenzene-d5

Concen: 76.469 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143166.D

Acq: 18 Jul 2025 14:54

Instrument :

BNA_F

ClientSampleId :

CC-071325-RW

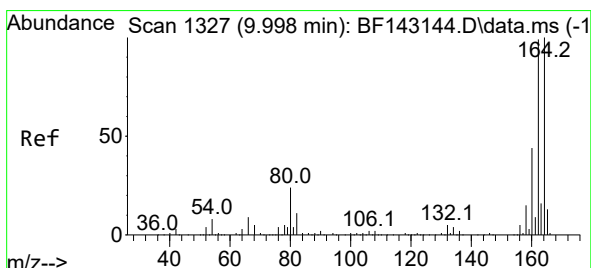
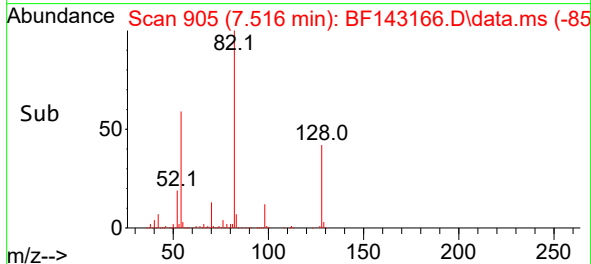
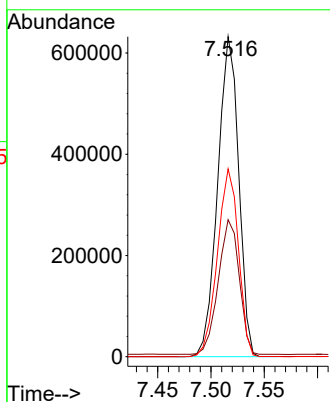
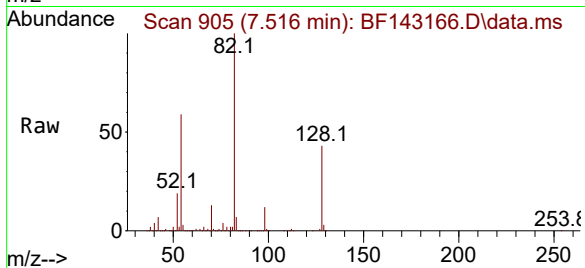
Tgt Ion: 82 Resp: 864066

Ion Ratio Lower Upper

82 100

128 42.8 33.6 50.4

54 58.7 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: BF143166.D

Acq: 18 Jul 2025 14:54

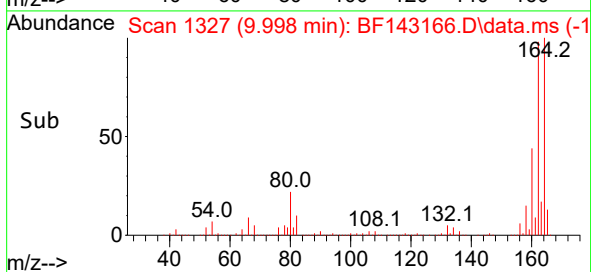
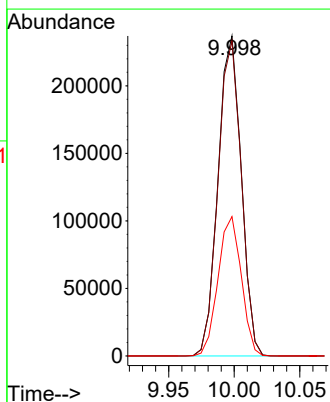
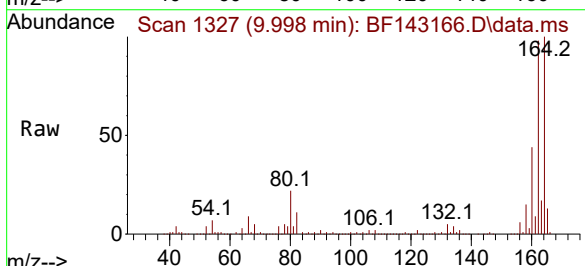
Tgt Ion:164 Resp: 291129

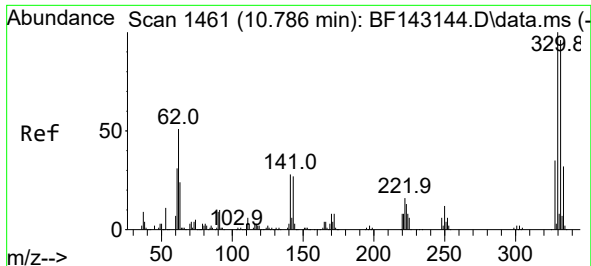
Ion Ratio Lower Upper

164 100

162 98.5 79.0 118.6

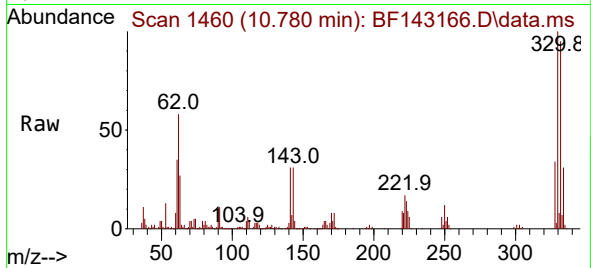
160 43.5 35.1 52.7



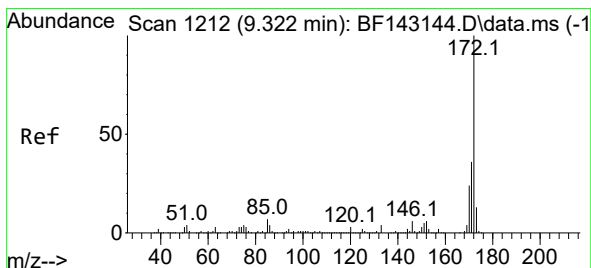
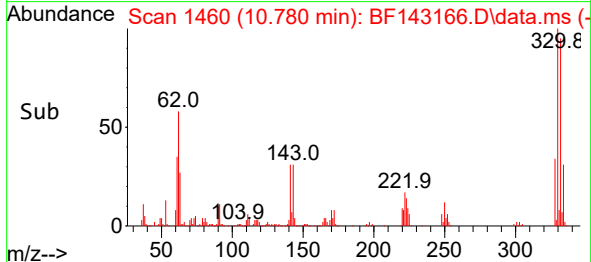
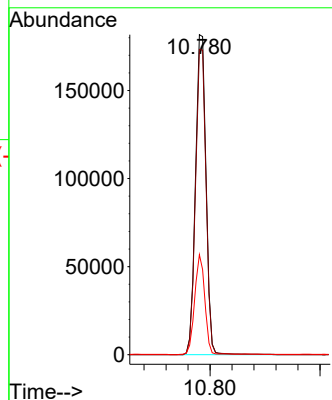


#42
2,4,6-Tribromophenol
Concen: 80.222 ng
RT: 10.780 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF143166.D
Acq: 18 Jul 2025 14:54

Instrument :
BNA_F
ClientSampleId :
CC-071325-RW

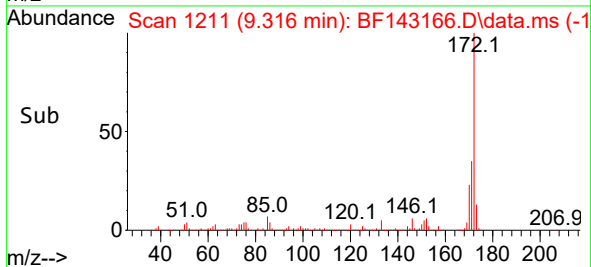
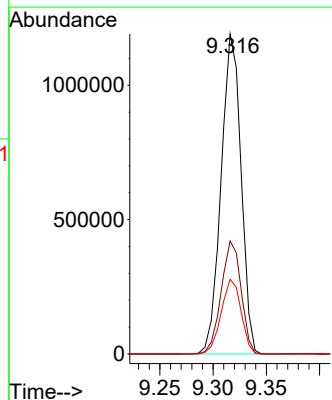
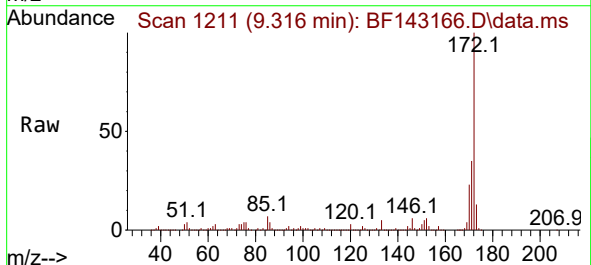


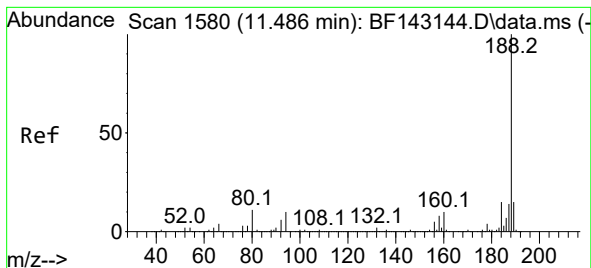
Tgt Ion:330 Resp: 241269
Ion Ratio Lower Upper
330 100
332 95.6 76.7 115.1
141 30.2 23.3 34.9



#45
2-Fluorobiphenyl
Concen: 72.599 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143166.D
Acq: 18 Jul 2025 14:54

Tgt Ion:172 Resp: 1545436
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.3 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: BF143166.D

Acq: 18 Jul 2025 14:54

Instrument :

BNA_F

ClientSampleId :

CC-071325-RW

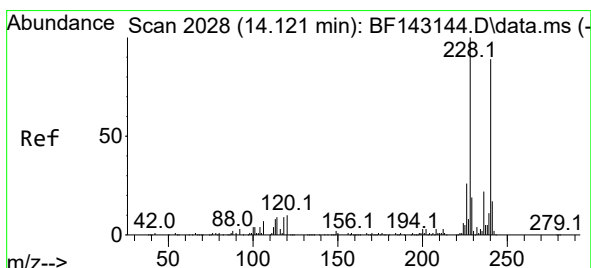
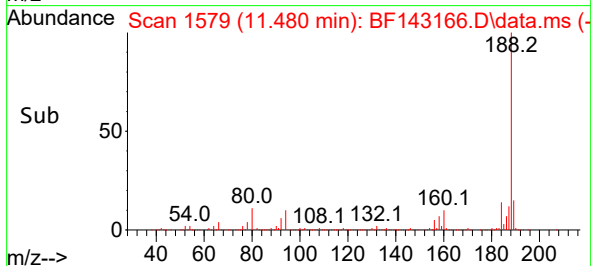
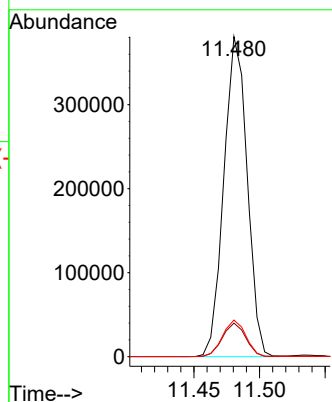
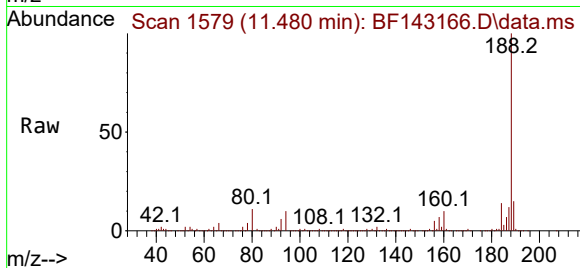
Tgt Ion:188 Resp: 471233

Ion Ratio Lower Upper

188 100

94 10.5 8.3 12.5

80 11.5 9.0 13.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.116 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF143166.D

Acq: 18 Jul 2025 14:54

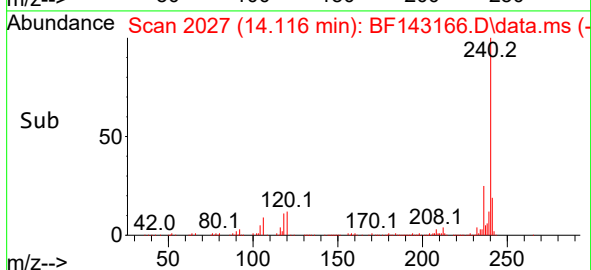
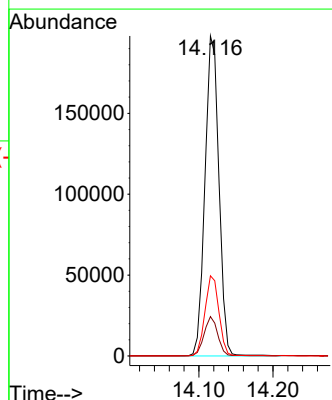
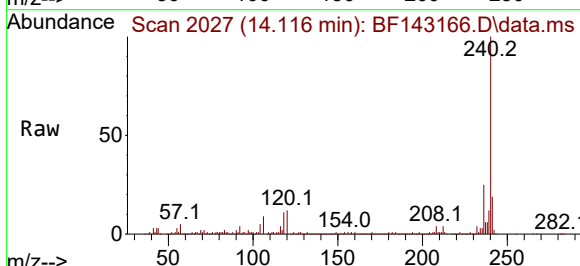
Tgt Ion:240 Resp: 258976

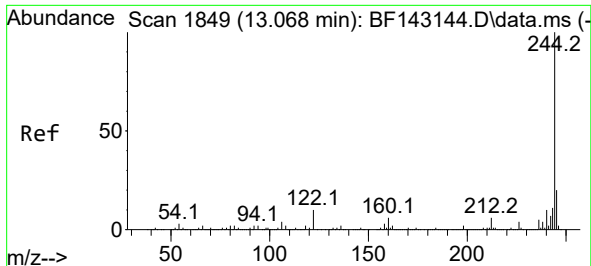
Ion Ratio Lower Upper

240 100

120 12.3 9.4 14.2

236 25.1 20.2 30.4

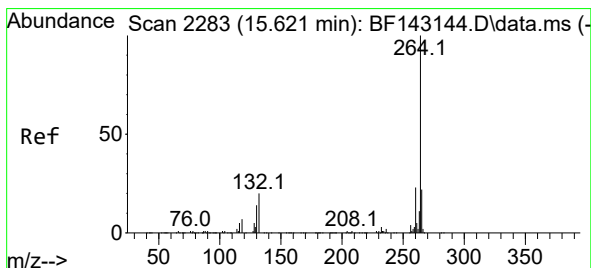
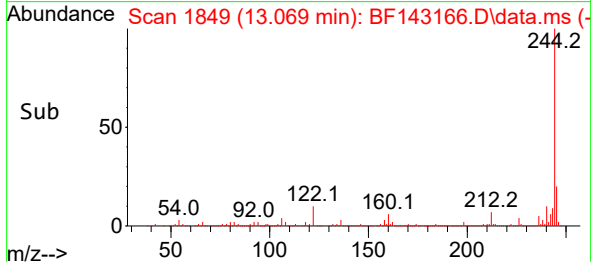
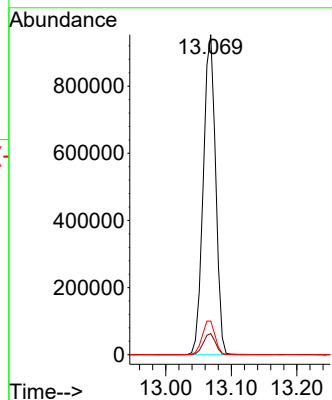
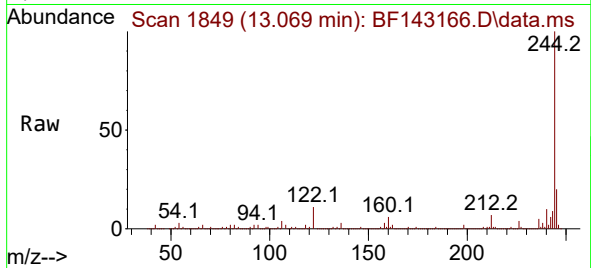




#79
 Terphenyl-d14
 Concen: 71.740 ng
 RT: 13.069 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF143166.D
 Acq: 18 Jul 2025 14:54

Instrument :
 BNA_F
 ClientSampleId :
 CC-071325-RW

Tgt Ion:244 Resp: 1248495
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.2 7.8
 122 10.5 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: BF143166.D
 Acq: 18 Jul 2025 14:54

Tgt Ion:264 Resp: 303472
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.5 27.7
 265 21.4 17.4 26.2

