

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
 Data File : BF143196.D
 Acq On : 22 Jul 2025 18:53
 Operator : RC/JU
 Sample : Q2649-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-5

Quant Time: Jul 23 04:51:15 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)

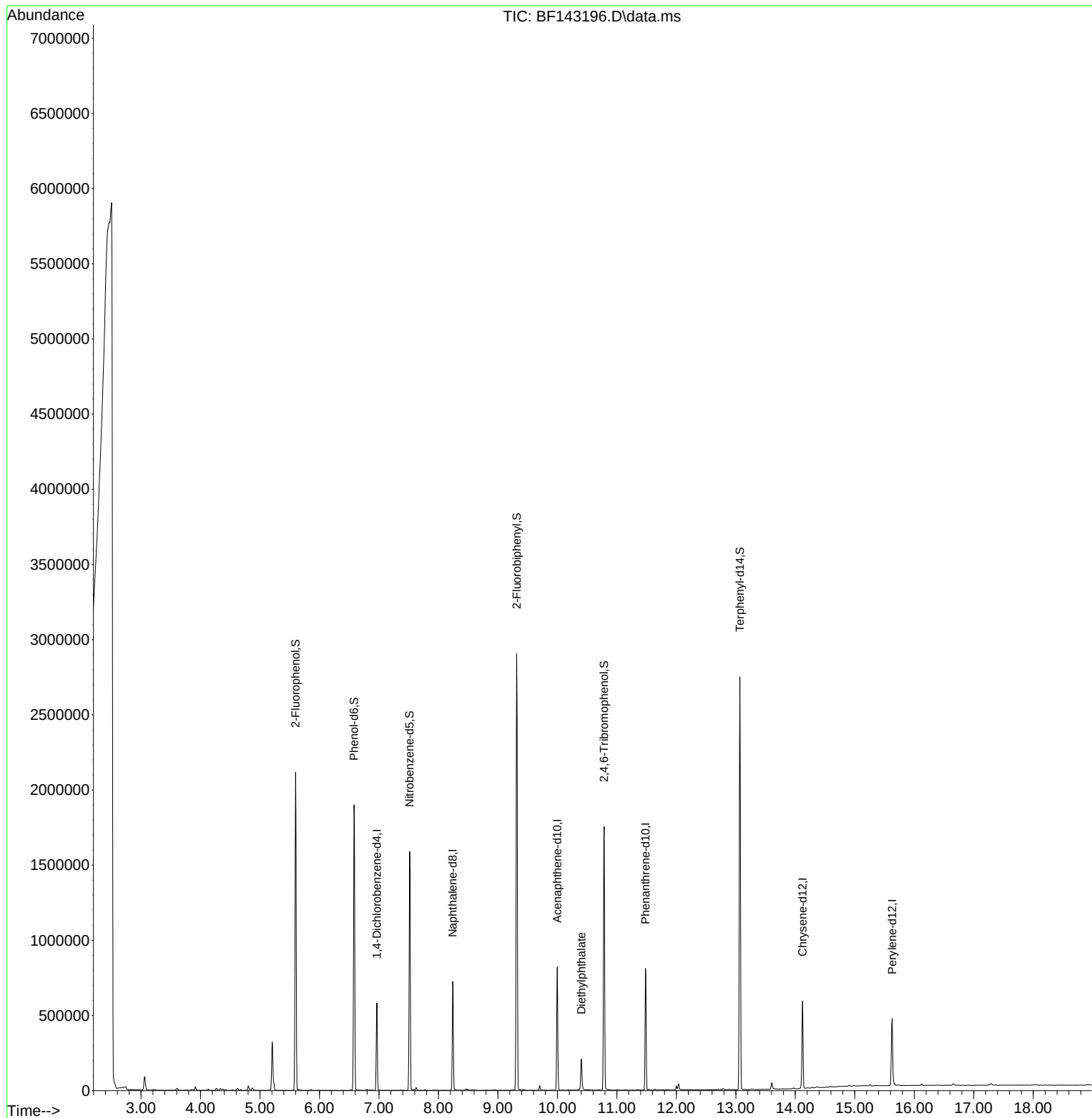
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	115398	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	437309	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	233060	20.000	ng	0.00
64) Phenanthrene-d10	11.481	188	409176	20.000	ng	0.00
76) Chrysene-d12	14.122	240	275784	20.000	ng	0.00
86) Perylene-d12	15.627	264	264854	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.599	112	763921	104.757	ng	0.01
7) Phenol-d6	6.581	99	882533	96.150	ng	0.00
23) Nitrobenzene-d5	7.516	82	688006	78.423	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	318304	132.206	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1274330	74.779	ng	0.00
79) Terphenyl-d14	13.069	244	1322044	71.336	ng	0.00
Target Compounds						
60) Diethylphthalate	10.404	149	138985	9.256	ng	Qvalue 99

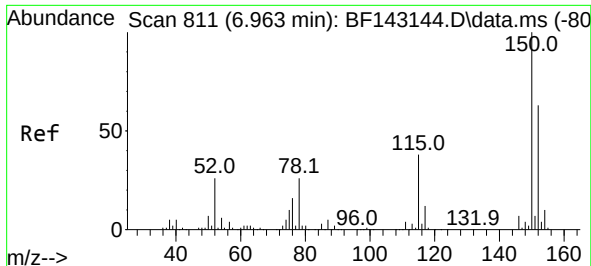
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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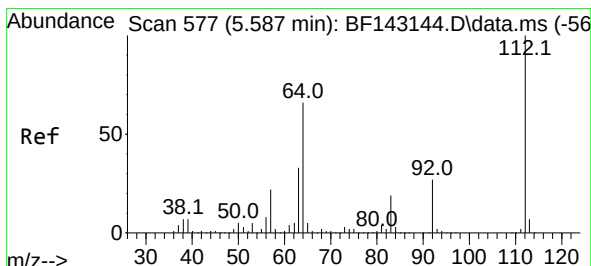
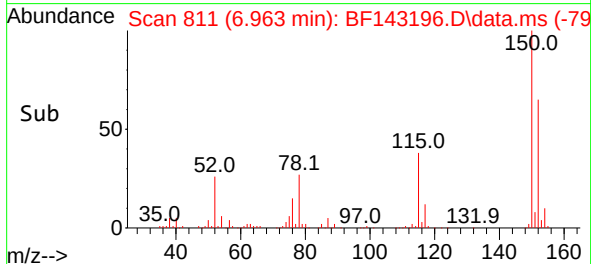
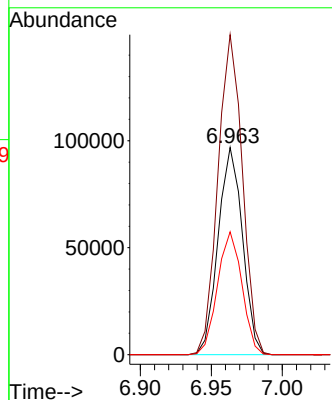
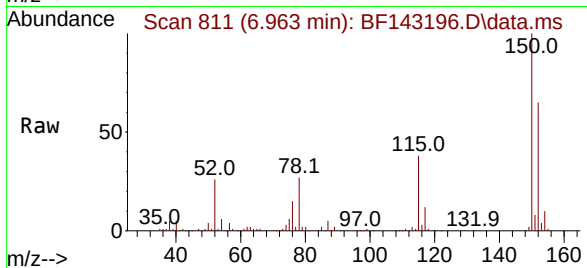




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143196.D
Acq: 22 Jul 2025 18:53

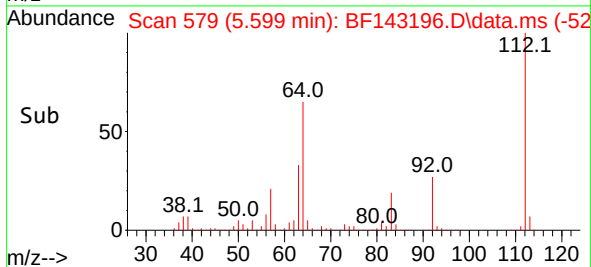
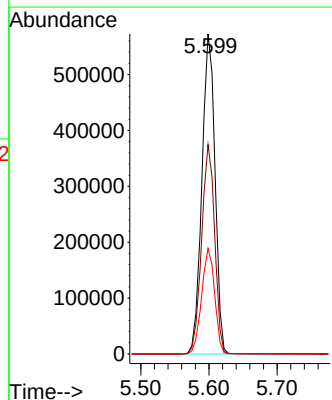
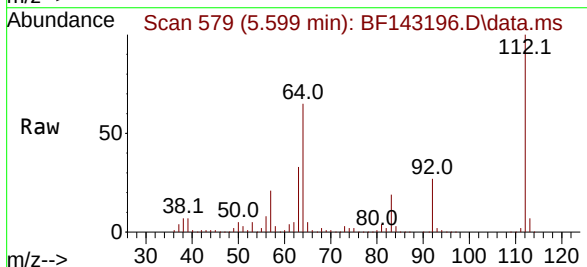
Instrument :
BNA_F
ClientSampleId :
WC-5

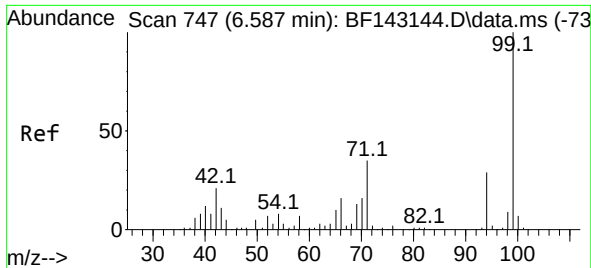
Tgt Ion:152 Resp: 115398
Ion Ratio Lower Upper
152 100
150 154.4 128.2 192.4
115 59.3 47.9 71.9



#5
2-Fluorophenol
Concen: 104.757 ng
RT: 5.599 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF143196.D
Acq: 22 Jul 2025 18:53

Tgt Ion:112 Resp: 763921
Ion Ratio Lower Upper
112 100
64 65.4 53.1 79.7
63 33.0 26.6 40.0

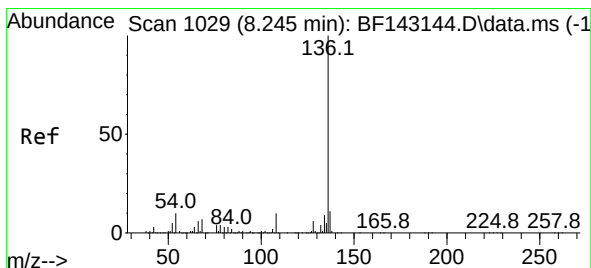
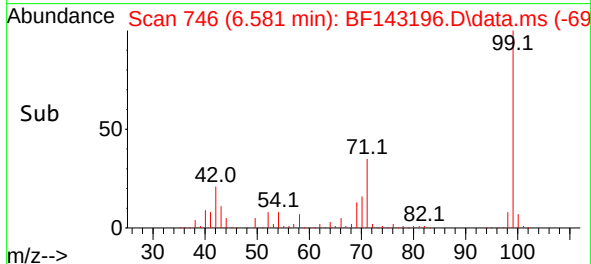
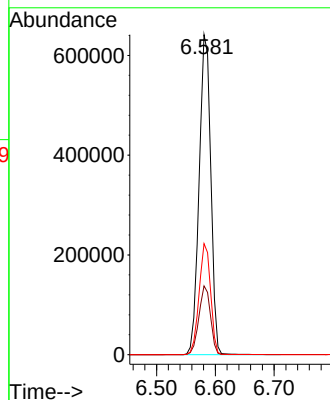
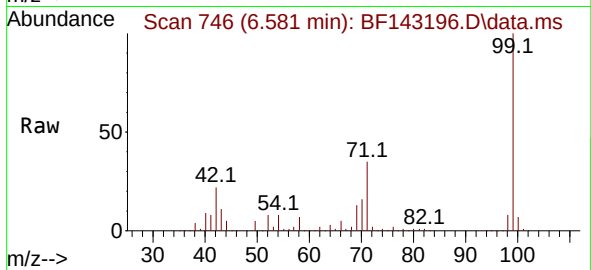




#7
Phenol-d6
Concen: 96.150 ng
RT: 6.581 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143196.D
Acq: 22 Jul 2025 18:53

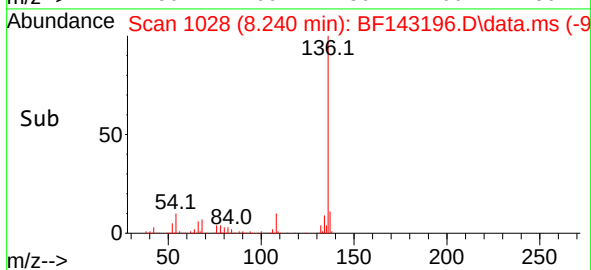
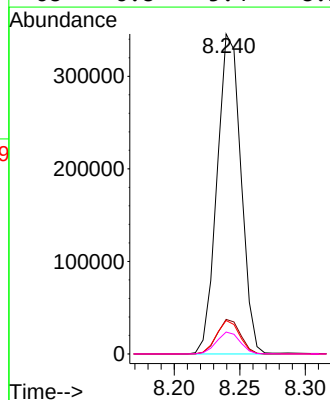
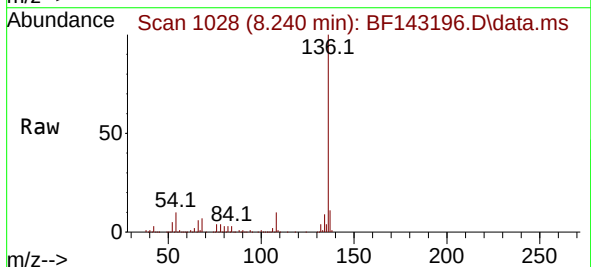
Instrument :
BNA_F
ClientSampleId :
WC-5

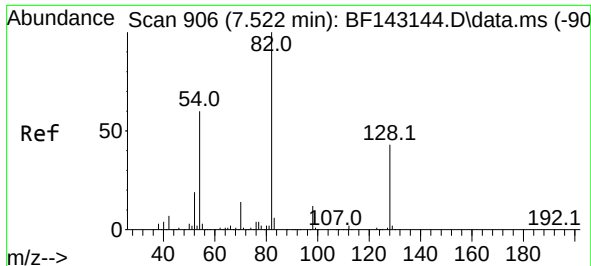
Tgt Ion: 99 Resp: 882533
Ion Ratio Lower Upper
99 100
42 21.5 17.0 25.6
71 34.7 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BF143196.D
Acq: 22 Jul 2025 18:53

Tgt Ion: 136 Resp: 437309
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.5 8.2 12.2
68 6.8 5.4 8.2





#23

Nitrobenzene-d5

Concen: 78.423 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143196.D

Acq: 22 Jul 2025 18:53

Instrument :

BNA_F

ClientSampleId :

WC-5

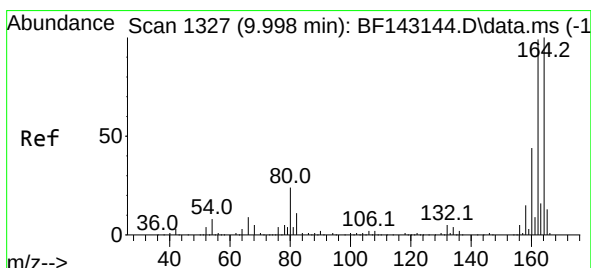
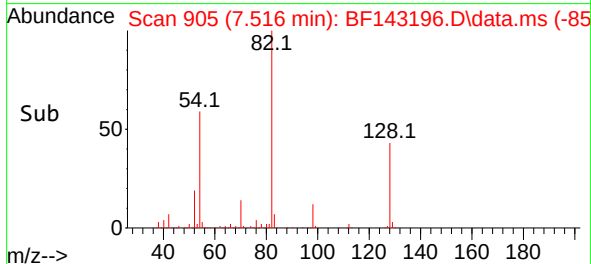
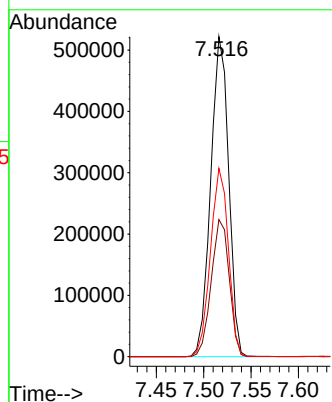
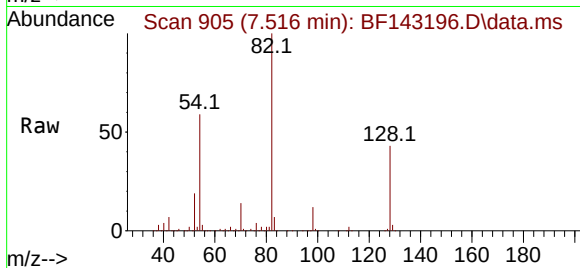
Tgt Ion: 82 Resp: 688006

Ion Ratio Lower Upper

82 100

128 42.8 33.6 50.4

54 58.9 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: BF143196.D

Acq: 22 Jul 2025 18:53

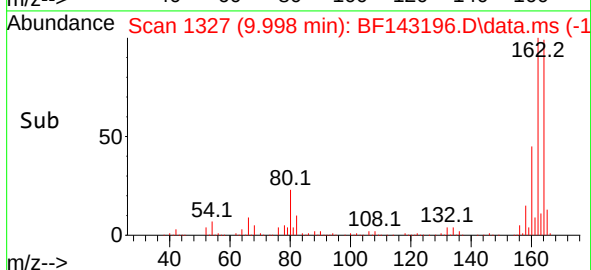
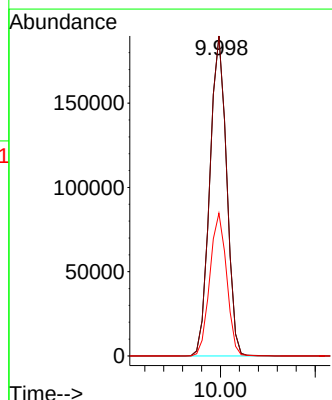
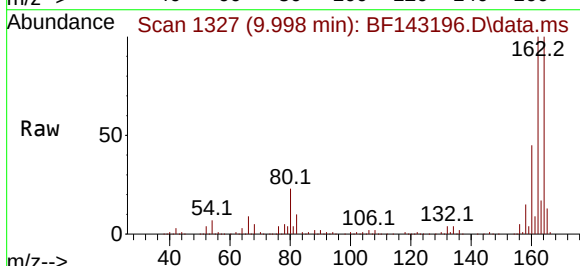
Tgt Ion: 164 Resp: 233060

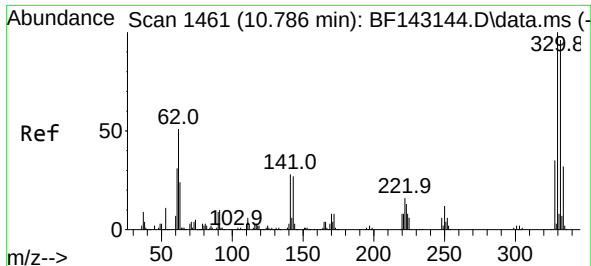
Ion Ratio Lower Upper

164 100

162 100.0 79.0 118.6

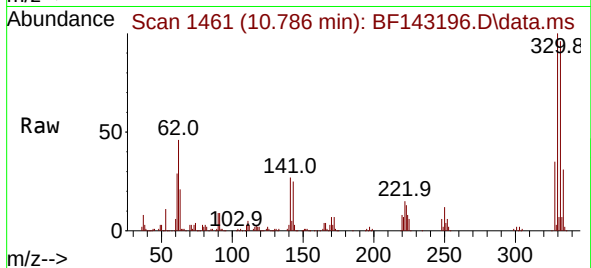
160 44.6 35.1 52.7



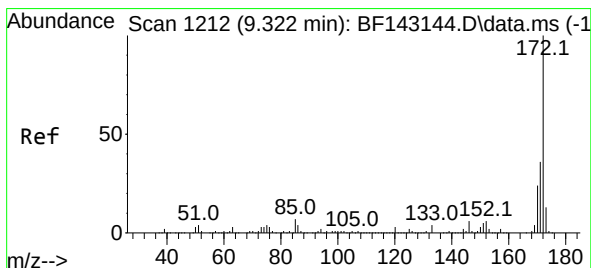
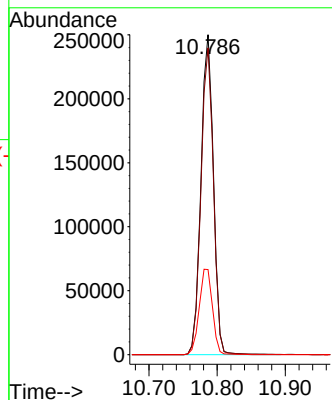
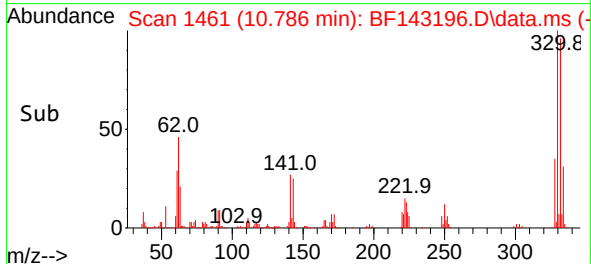


#42
 2,4,6-Tribromophenol
 Concen: 132.206 ng
 RT: 10.786 min Scan# 1461
 Delta R.T. 0.000 min
 Lab File: BF143196.D
 Acq: 22 Jul 2025 18:53

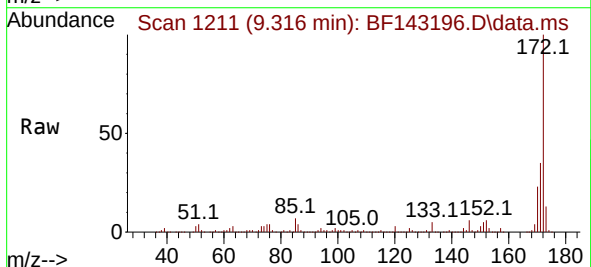
Instrument :
 BNA_F
 ClientSampleId :
 WC-5



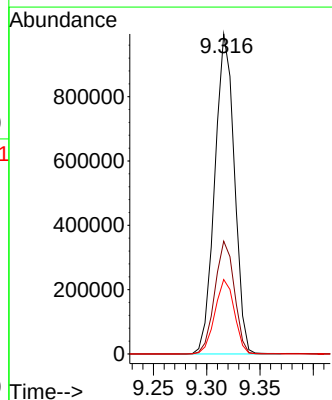
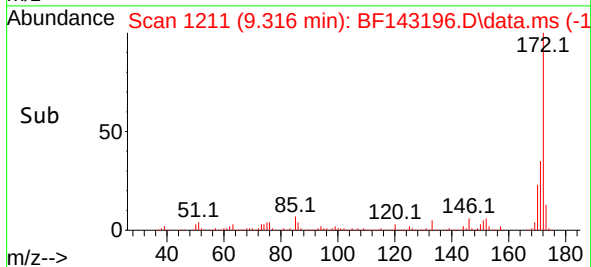
Tgt Ion: 330 Resp: 318304
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.7 115.1
 141 28.3 23.3 34.9

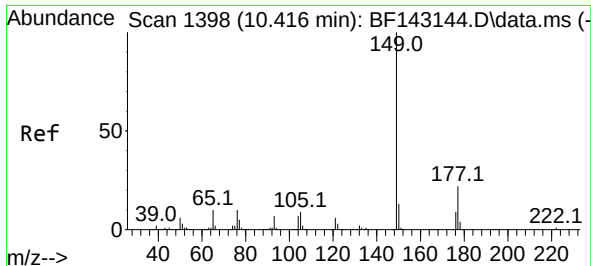


#45
 2-Fluorobiphenyl
 Concen: 74.779 ng
 RT: 9.316 min Scan# 1211
 Delta R.T. -0.006 min
 Lab File: BF143196.D
 Acq: 22 Jul 2025 18:53



Tgt Ion: 172 Resp: 1274330
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 42.8
 170 23.3 18.8 28.2

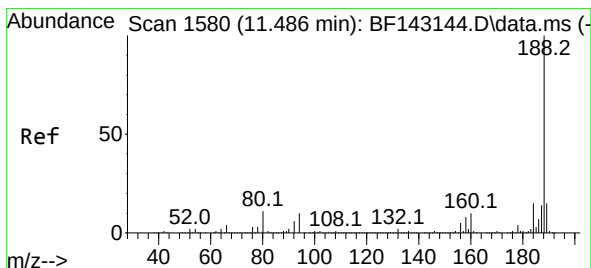
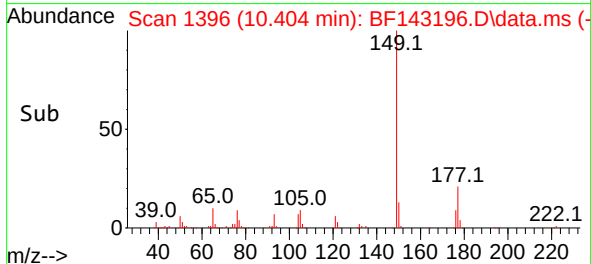
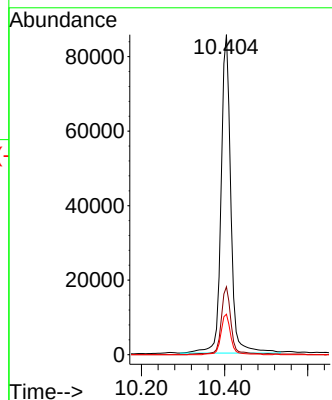
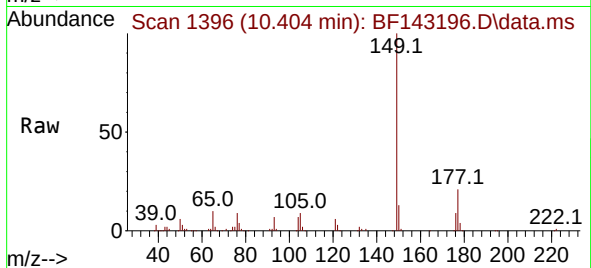




#60
Diethylphthalate
Concen: 9.256 ng
RT: 10.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143196.D
Acq: 22 Jul 2025 18:53

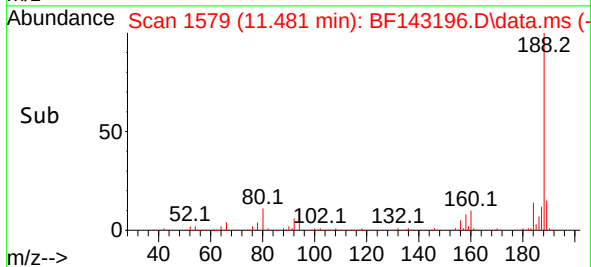
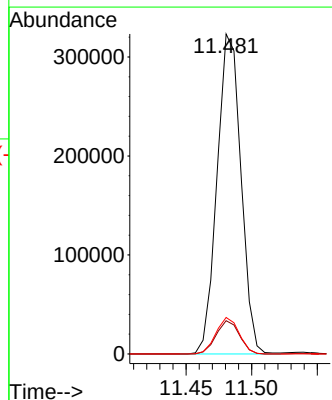
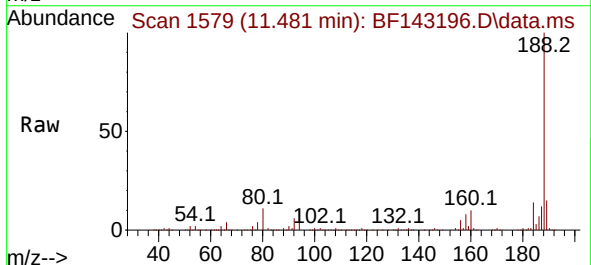
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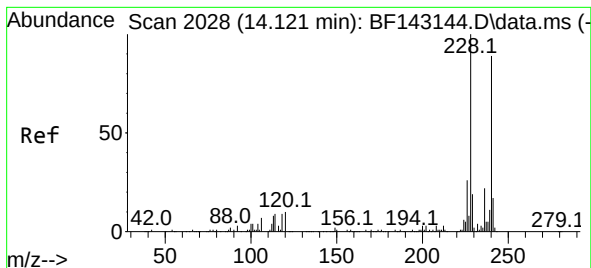
Tgt Ion:149 Resp: 138985
Ion Ratio Lower Upper
149 100
177 21.2 17.5 26.3
150 12.6 10.2 15.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.481 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143196.D
Acq: 22 Jul 2025 18:53

Tgt Ion:188 Resp: 409176
Ion Ratio Lower Upper
188 100
94 10.4 8.3 12.5
80 11.4 9.0 13.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.122 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143196.D

Acq: 22 Jul 2025 18:53

Instrument :

BNA_F

ClientSampleId :

WC-5

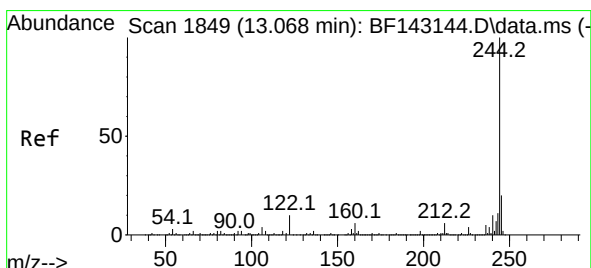
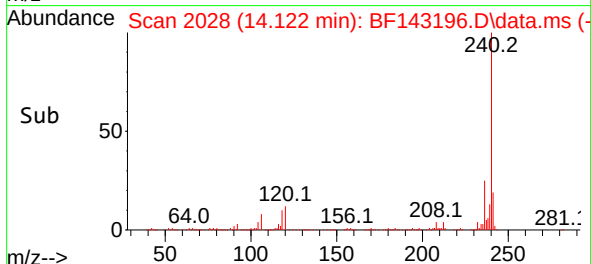
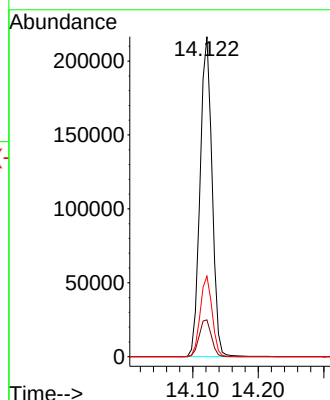
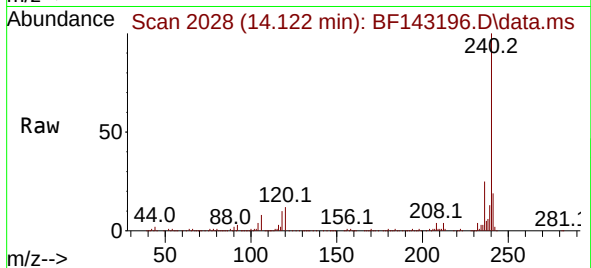
Tgt Ion:240 Resp: 275784

Ion Ratio Lower Upper

240 100

120 11.5 9.4 14.2

236 25.1 20.2 30.4



#79

Terphenyl-d14

Concen: 71.336 ng

RT: 13.069 min Scan# 1849

Delta R.T. 0.000 min

Lab File: BF143196.D

Acq: 22 Jul 2025 18:53

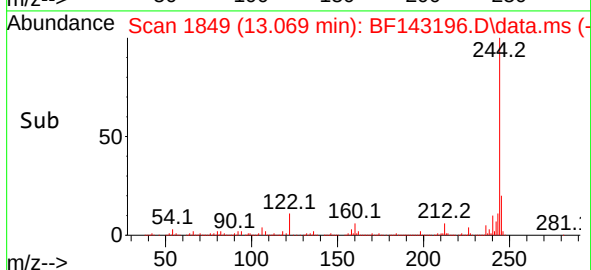
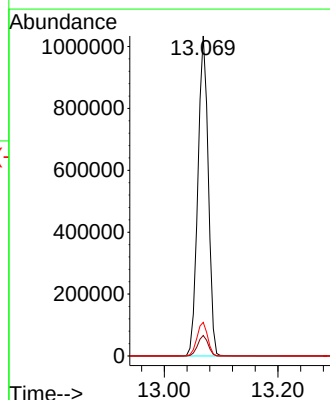
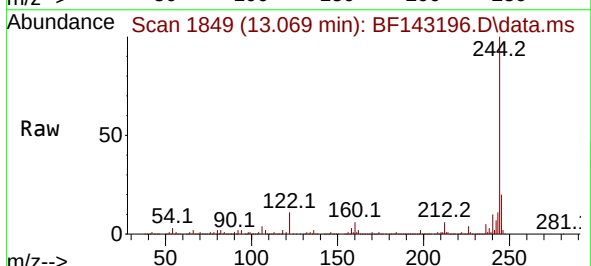
Tgt Ion:244 Resp: 1322044

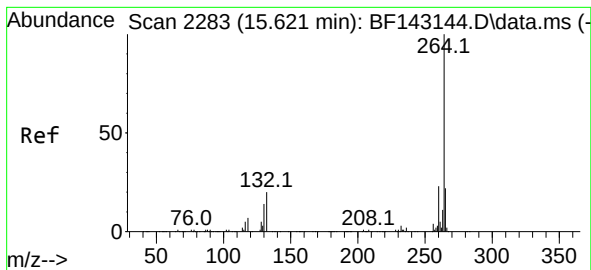
Ion Ratio Lower Upper

244 100

212 6.4 5.2 7.8

122 10.5 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.627 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF143196.D
 Acq: 22 Jul 2025 18:53

Instrument :
 BNA_F
 ClientSampleId :
 WC-5

Tgt Ion:264 Resp: 264854
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.5 27.7
 265 21.7 17.4 26.2

