

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
 Data File : BF143201.D
 Acq On : 22 Jul 2025 21:18
 Operator : RC/JU
 Sample : Q2649-21
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-6

Quant Time: Jul 23 04:53:52 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)

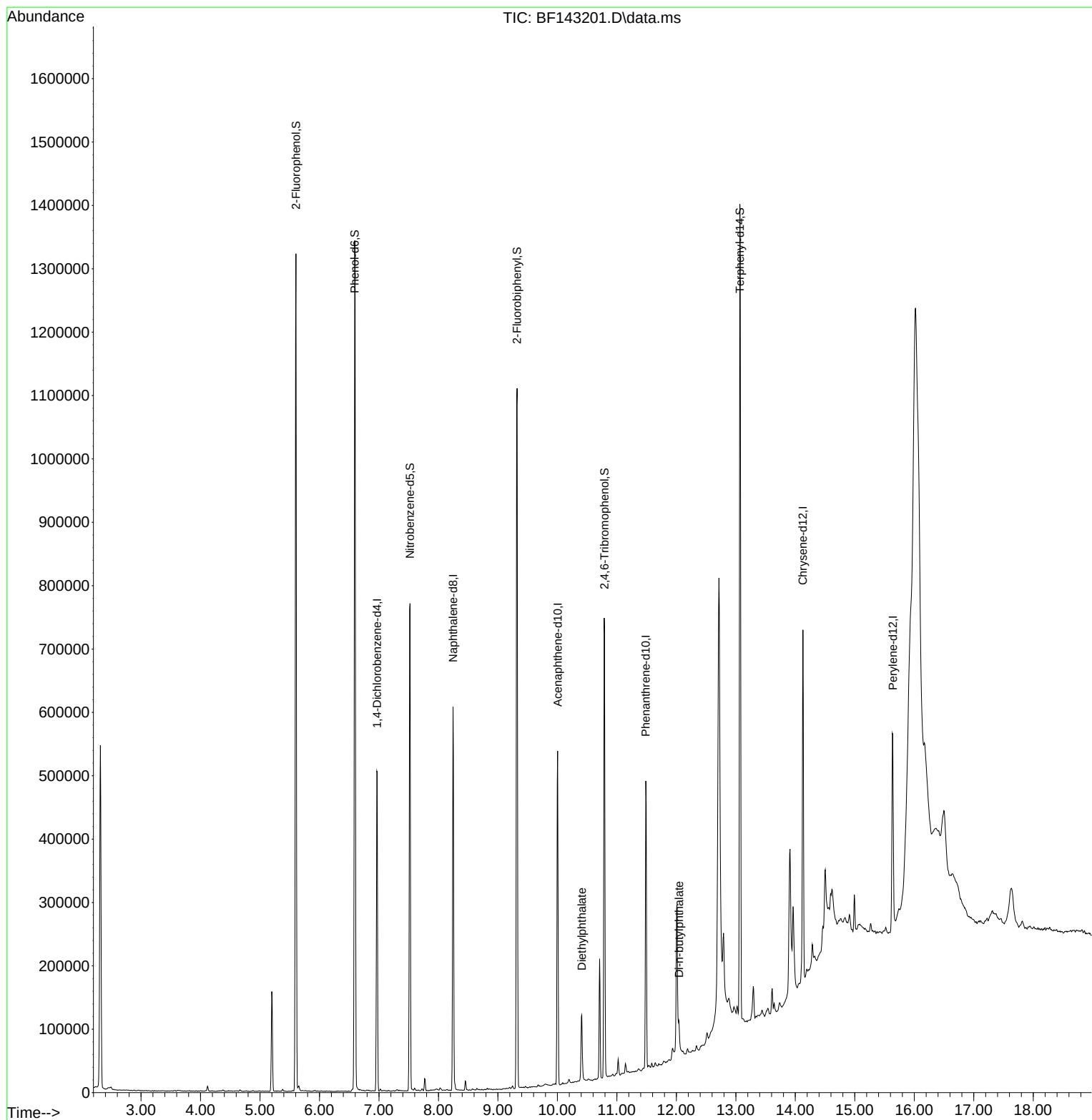
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	107235	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	362389	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	152041	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	230194	20.000	ng	0.00
76) Chrysene-d12	14.127	240	261475	20.000	ng	0.00
86) Perylene-d12	15.639	264	188557	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	464041	68.478	ng	0.02
7) Phenol-d6	6.592	99	611120	71.648	ng	0.00
23) Nitrobenzene-d5	7.522	82	328770	45.223	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	122121	77.751	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	487886	43.886	ng	0.00
79) Terphenyl-d14	13.068	244	614703	34.984	ng	0.00
Target Compounds						
60) Diethylphthalate	10.410	149	70173	7.164	ng	98
74) Di-n-butylphthalate	12.045	149	26388	2.143	ng	99

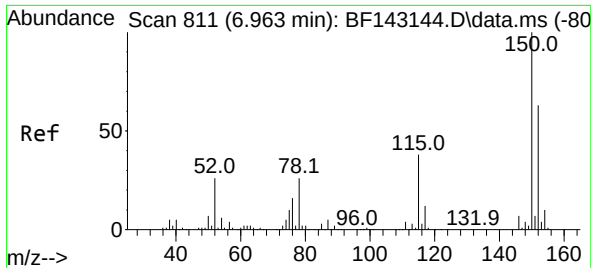
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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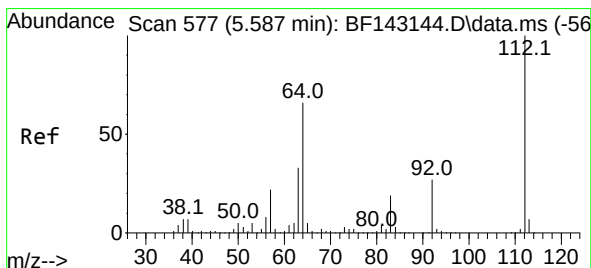
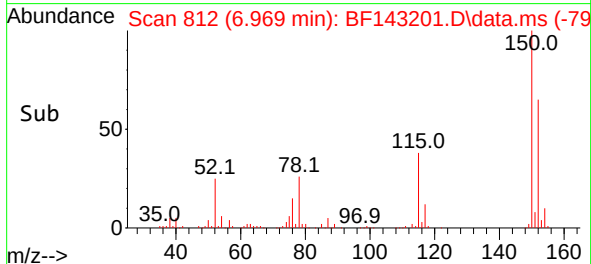
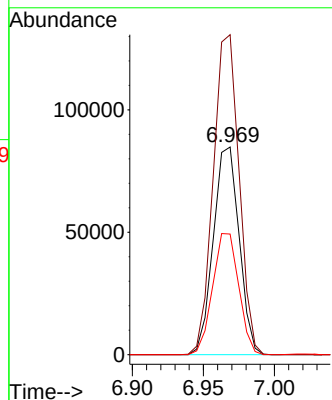
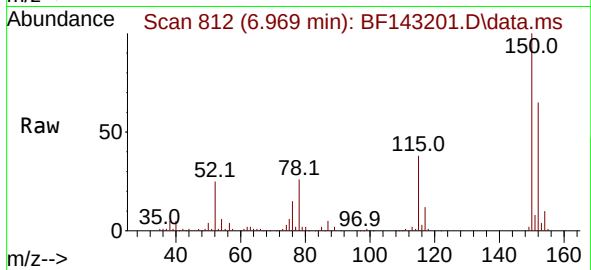




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF143201.D
Acq: 22 Jul 2025 21:18

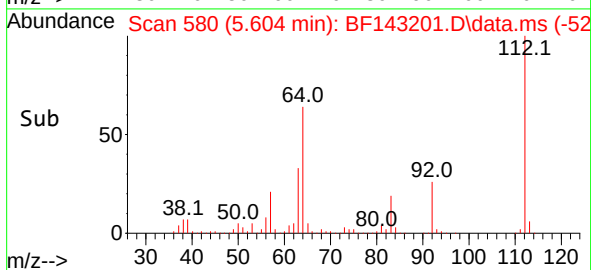
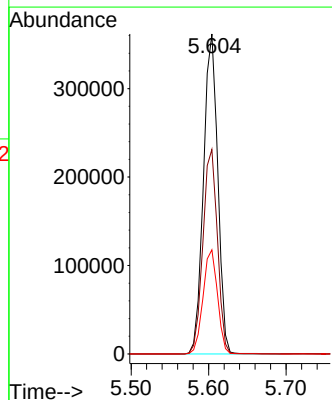
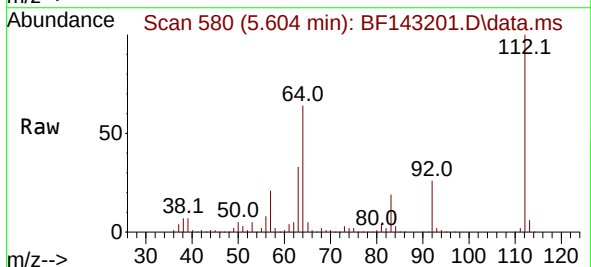
Instrument :
BNA_F
ClientSampleId :
WC-6

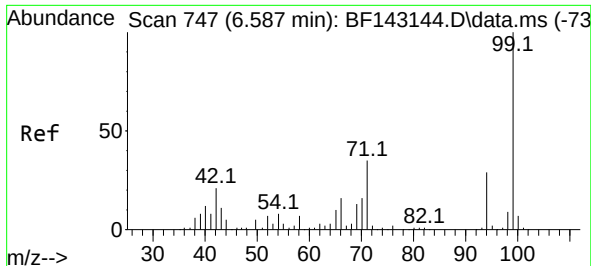
Tgt Ion:152 Resp: 107235
Ion Ratio Lower Upper
152 100
150 154.0 128.2 192.4
115 58.1 47.9 71.9



#5
2-Fluorophenol
Concen: 68.478 ng
RT: 5.604 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF143201.D
Acq: 22 Jul 2025 21:18

Tgt Ion:112 Resp: 464041
Ion Ratio Lower Upper
112 100
64 63.9 53.1 79.7
63 32.5 26.6 40.0

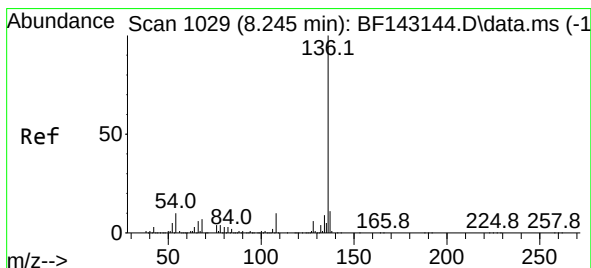
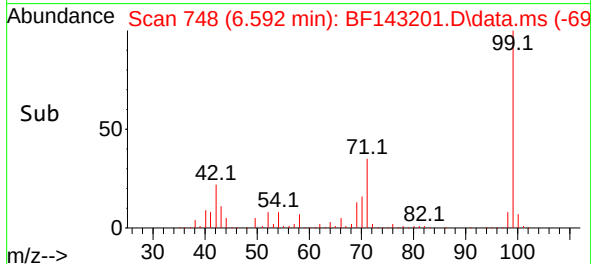
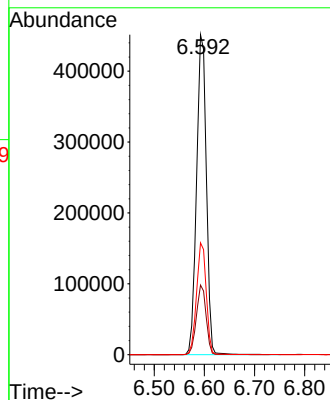
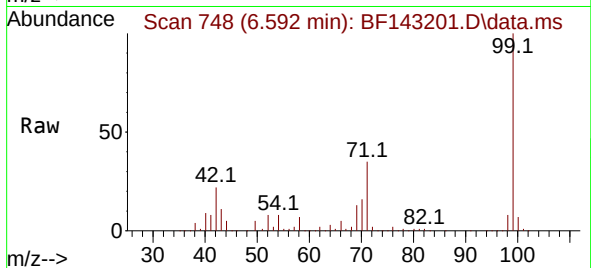




#7
Phenol-d6
Concen: 71.648 ng
RT: 6.592 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF143201.D
Acq: 22 Jul 2025 21:18

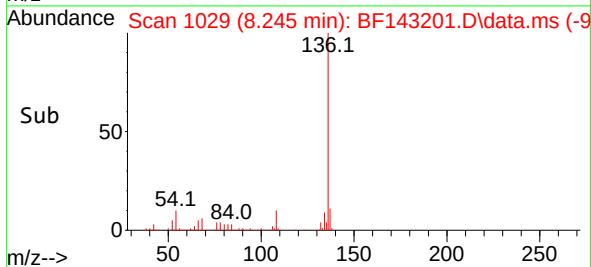
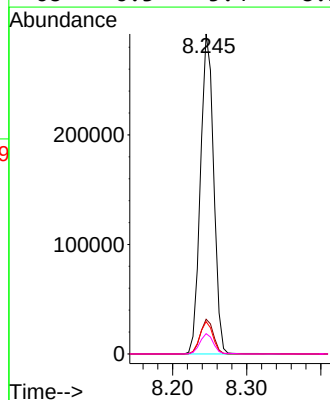
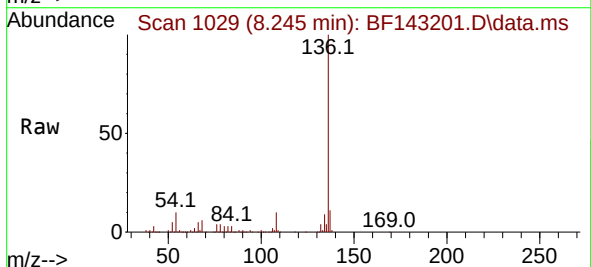
Instrument :
BNA_F
ClientSampleId :
WC-6

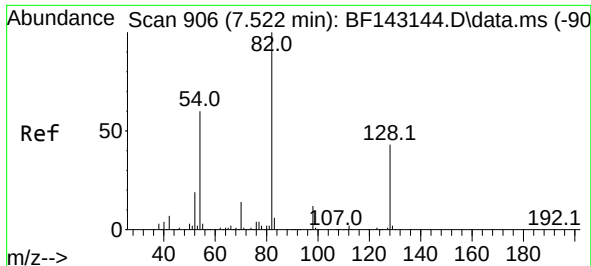
Tgt Ion: 99 Resp: 611120
Ion Ratio Lower Upper
99 100
42 21.7 17.0 25.6
71 34.9 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143201.D
Acq: 22 Jul 2025 21:18

Tgt Ion: 136 Resp: 362389
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.1 8.2 12.2
68 6.3 5.4 8.2





#23

Nitrobenzene-d5

Concen: 45.223 ng

RT: 7.522 min Scan# 906

Delta R.T. -0.000 min

Lab File: BF143201.D

Acq: 22 Jul 2025 21:18

Instrument :

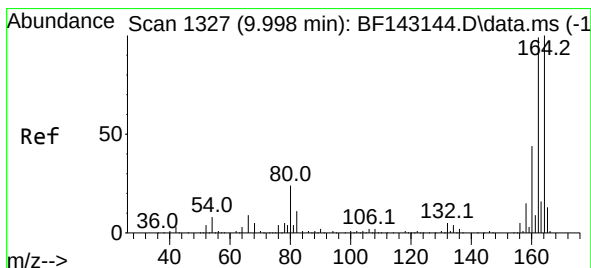
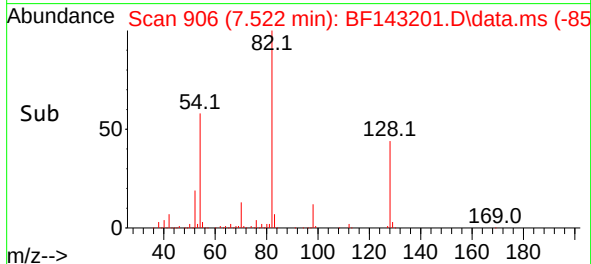
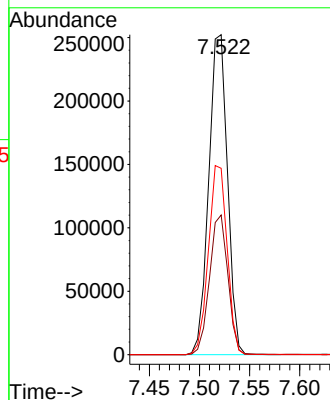
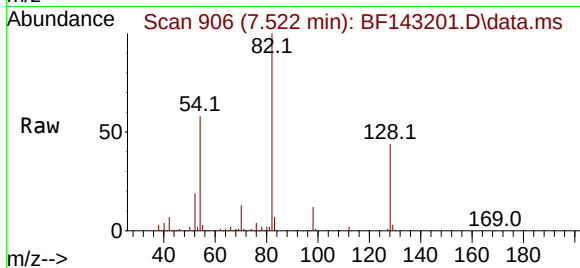
BNA_F

ClientSampleId :

WC-6

Tgt Ion: 82 Resp: 328770

Ion	Ratio	Lower	Upper
82	100		
128	43.7	33.6	50.4
54	58.2	47.1	70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1328

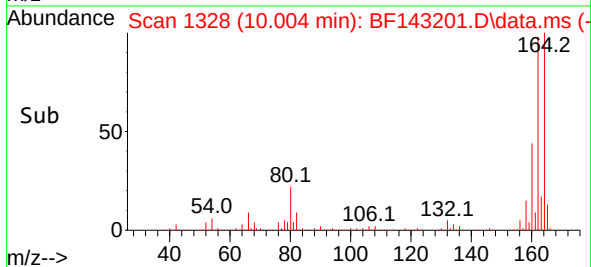
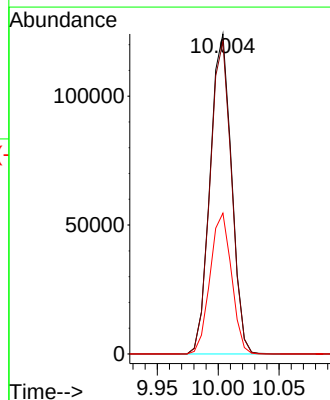
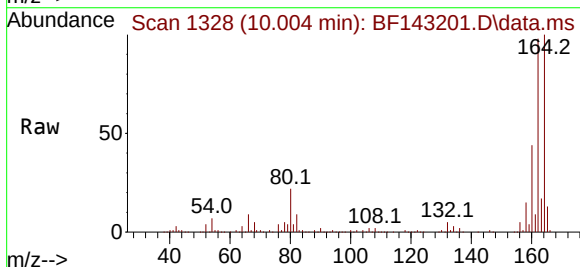
Delta R.T. 0.006 min

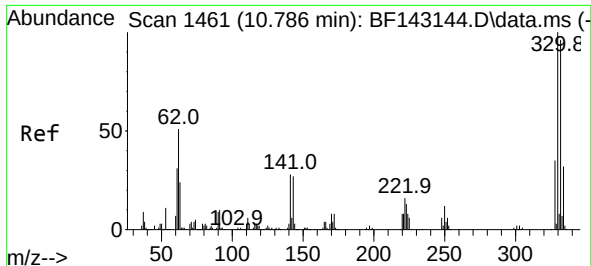
Lab File: BF143201.D

Acq: 22 Jul 2025 21:18

Tgt Ion: 164 Resp: 152041

Ion	Ratio	Lower	Upper
164	100		
162	97.6	79.0	118.6
160	44.0	35.1	52.7

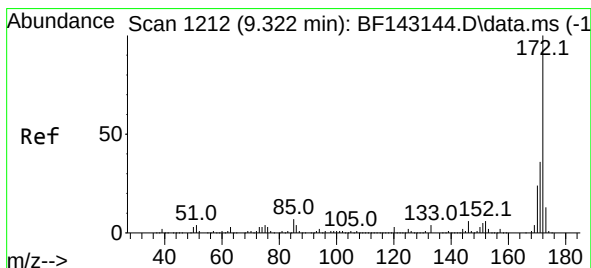
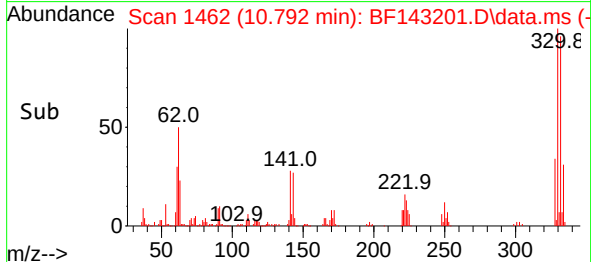
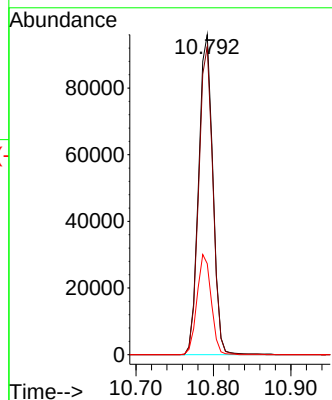
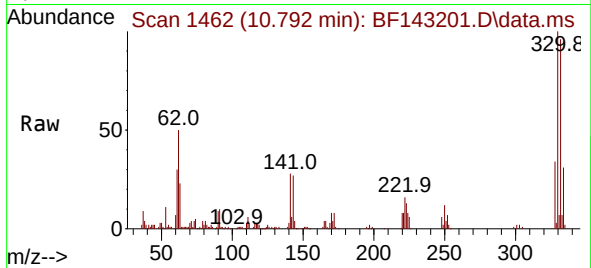




#42
2,4,6-Tribromophenol
Concen: 77.751 ng
RT: 10.792 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF143201.D
Acq: 22 Jul 2025 21:18

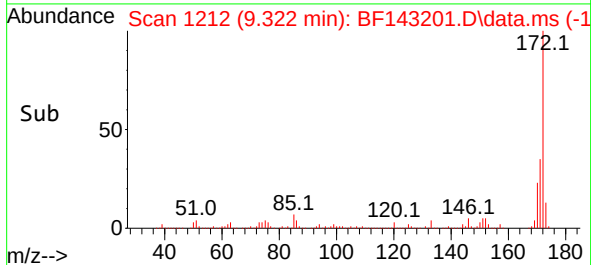
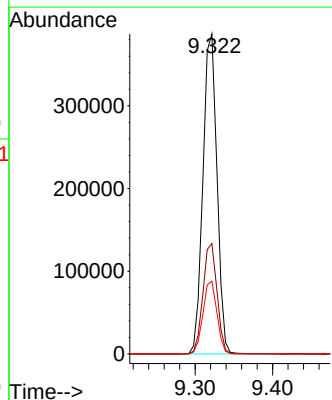
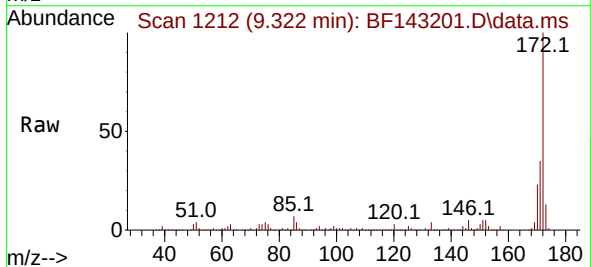
Instrument :
BNA_F
ClientSampleId :
WC-6

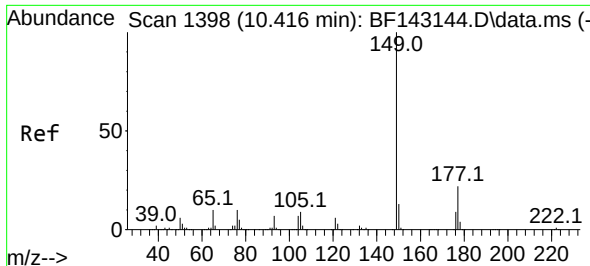
Tgt Ion: 330 Resp: 122121
Ion Ratio Lower Upper
330 100
332 95.8 76.7 115.1
141 31.2 23.3 34.9



#45
2-Fluorobiphenyl
Concen: 43.886 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF143201.D
Acq: 22 Jul 2025 21:18

Tgt Ion: 172 Resp: 487886
Ion Ratio Lower Upper
172 100
171 34.5 28.6 42.8
170 22.7 18.8 28.2

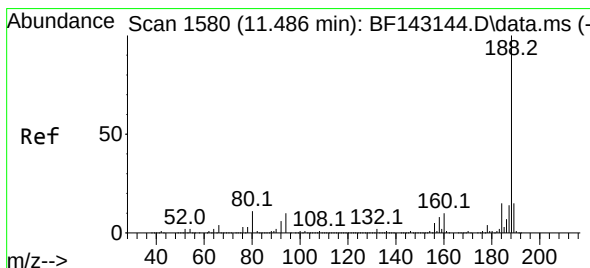
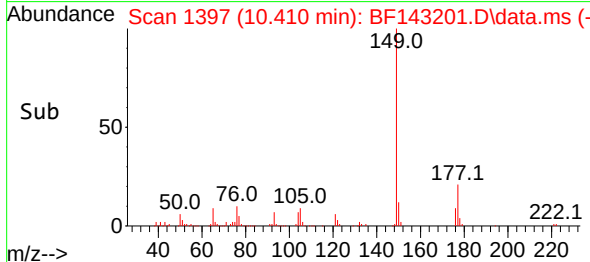
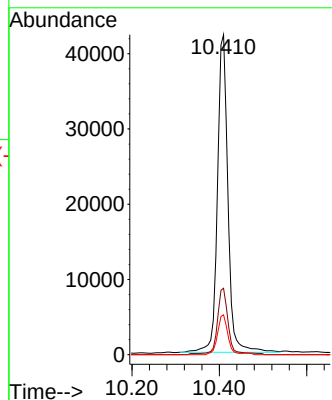
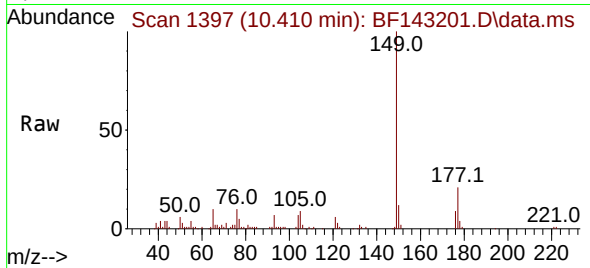




#60
Diethylphthalate
Concen: 7.164 ng
RT: 10.410 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF143201.D
Acq: 22 Jul 2025 21:18

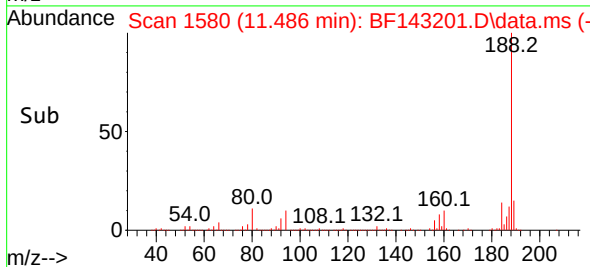
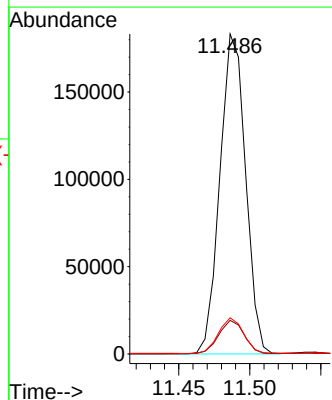
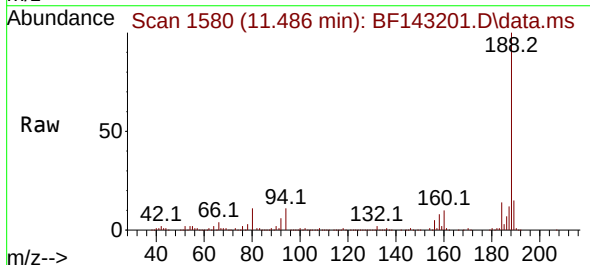
Instrument :
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WC-6

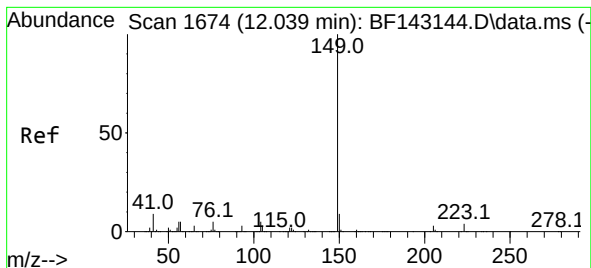
Tgt Ion:149 Resp: 70173
Ion Ratio Lower Upper
149 100
177 20.8 17.5 26.3
150 12.5 10.2 15.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143201.D
Acq: 22 Jul 2025 21:18

Tgt Ion:188 Resp: 230194
Ion Ratio Lower Upper
188 100
94 10.5 8.3 12.5
80 11.3 9.0 13.6





#74

Di-n-butylphthalate

Concen: 2.143 ng

RT: 12.045 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143201.D

Acq: 22 Jul 2025 21:18

Instrument :

BNA_F

ClientSampleId :

WC-6

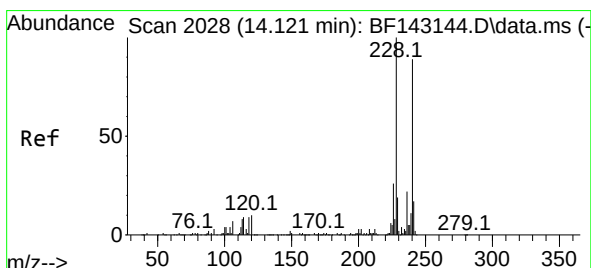
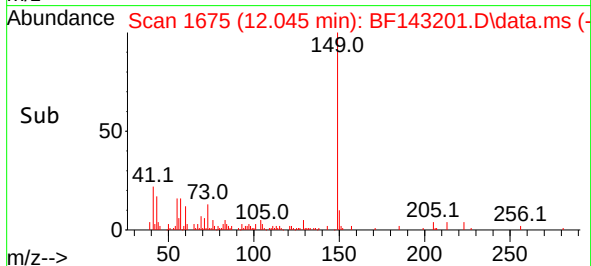
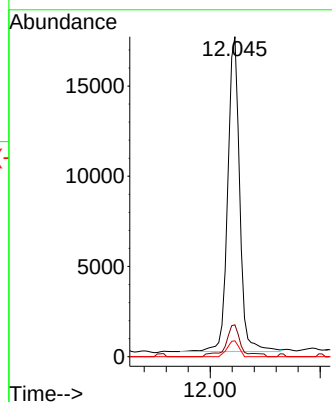
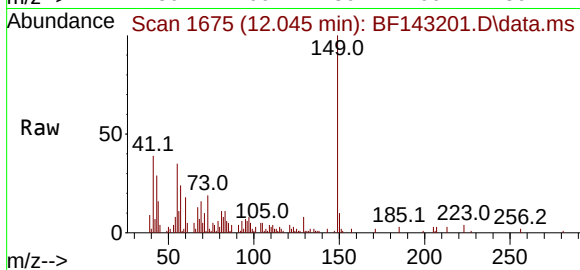
Tgt Ion:149 Resp: 26388

Ion Ratio Lower Upper

149 100

150 10.0 7.4 11.2

104 4.9 3.8 5.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.127 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF143201.D

Acq: 22 Jul 2025 21:18

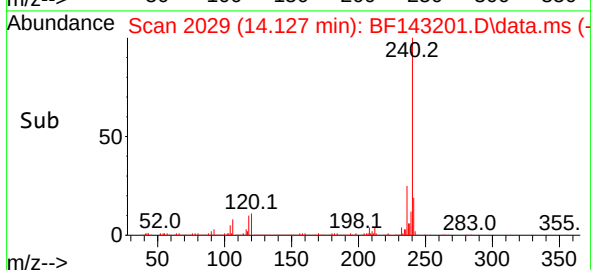
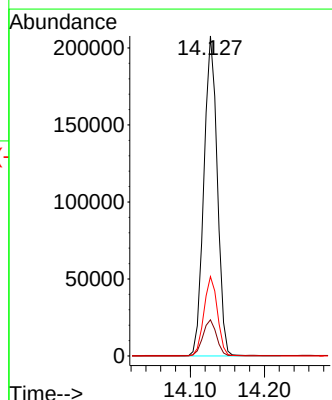
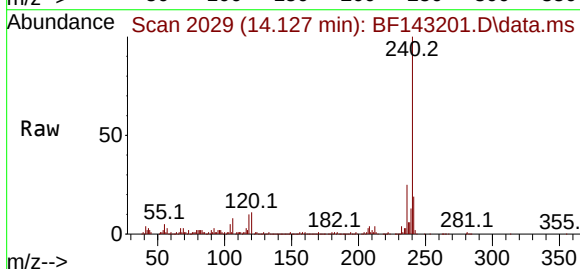
Tgt Ion:240 Resp: 261475

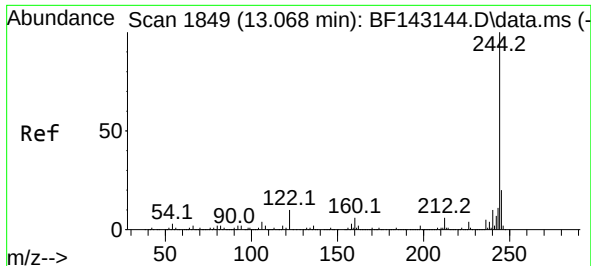
Ion Ratio Lower Upper

240 100

120 11.3 9.4 14.2

236 24.8 20.2 30.4

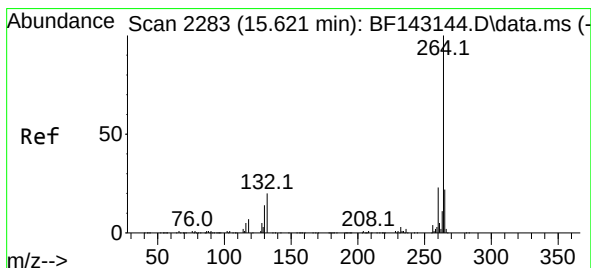
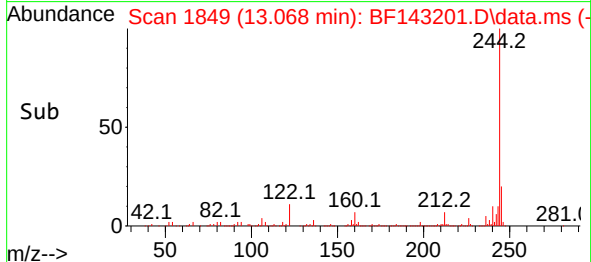
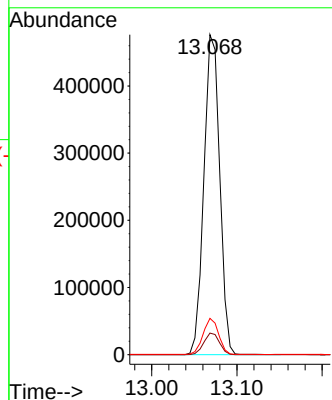
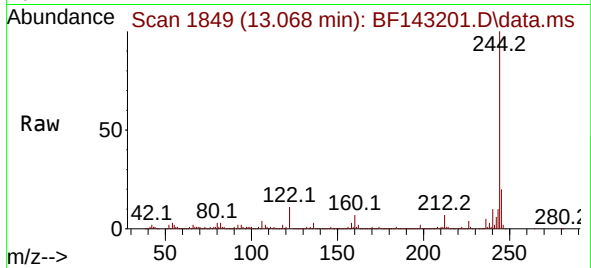




#79
 Terphenyl-d14
 Concen: 34.984 ng
 RT: 13.068 min Scan# 1849
 Delta R.T. -0.000 min
 Lab File: BF143201.D
 Acq: 22 Jul 2025 21:18

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 614703
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.2 7.8
 122 11.4 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2286
 Delta R.T. 0.017 min
 Lab File: BF143201.D
 Acq: 22 Jul 2025 21:18

Tgt Ion:264 Resp: 188557
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.5 27.7
 265 20.7 17.4 26.2

