

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
 Data File : BF143193.D
 Acq On : 22 Jul 2025 17:25
 Operator : RC/JU
 Sample : Q2649-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Quant Time: Jul 22 17:51:12 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)

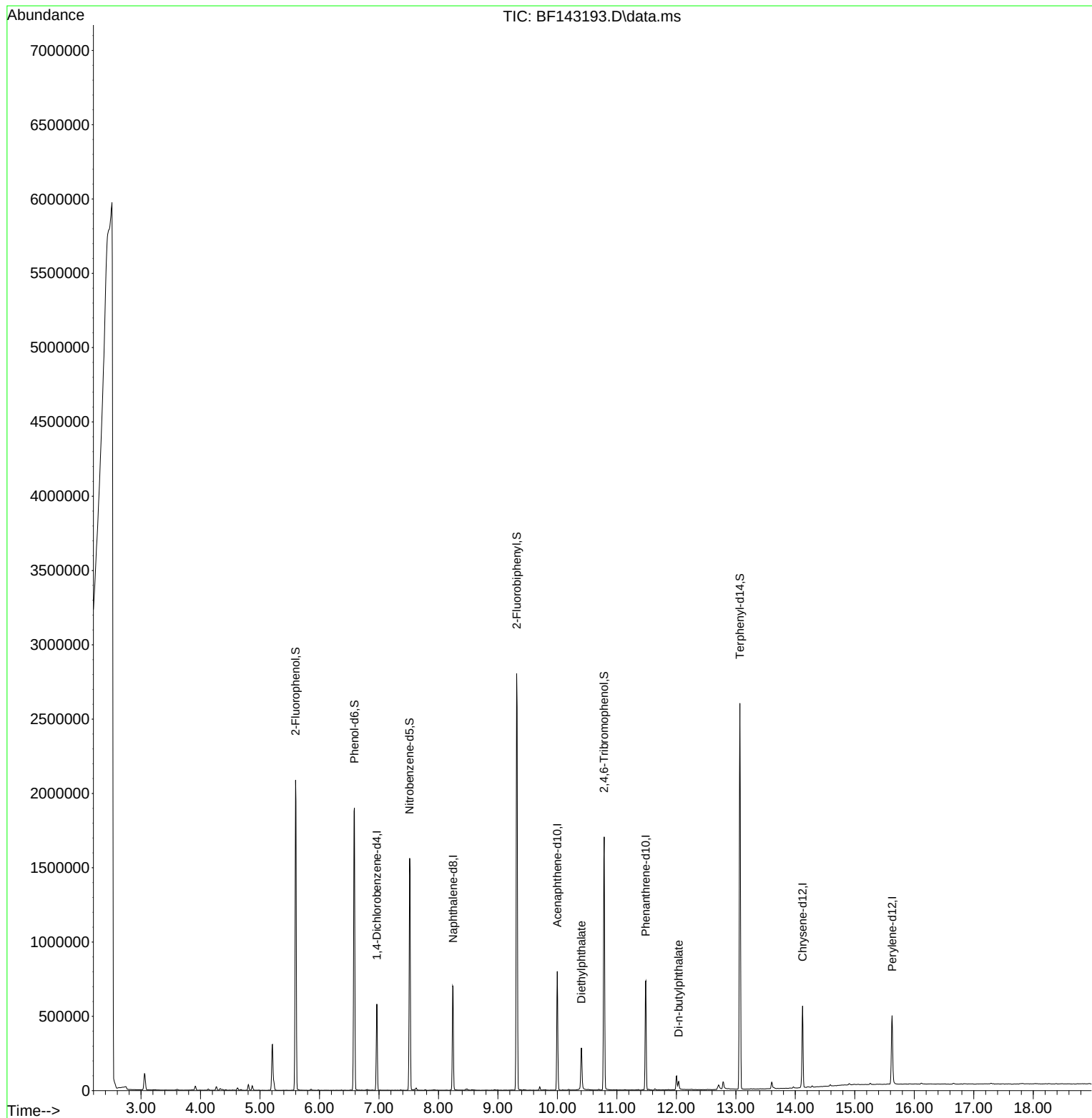
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	114430	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	434939	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	226568	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	383762	20.000	ng	0.00
76) Chrysene-d12	14.121	240	256996	20.000	ng	0.00
86) Perylene-d12	15.627	264	268282	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	766825	106.045	ng	0.01
7) Phenol-d6	6.587	99	907082	99.661	ng	0.00
23) Nitrobenzene-d5	7.516	82	686068	78.628	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	304125	129.936	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1251076	75.518	ng	0.00
79) Terphenyl-d14	13.068	244	1244639	72.070	ng	0.00
Target Compounds						
60) Diethylphthalate	10.404	149	194246	13.307	ng	99
74) Di-n-butylphthalate	12.039	149	41221	2.008	ng	99

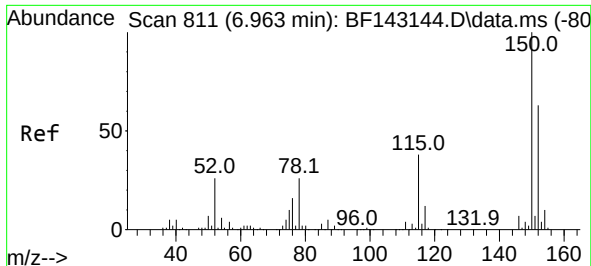
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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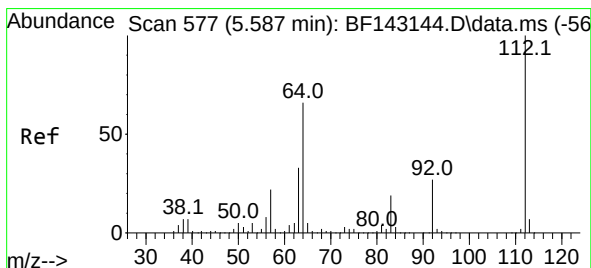
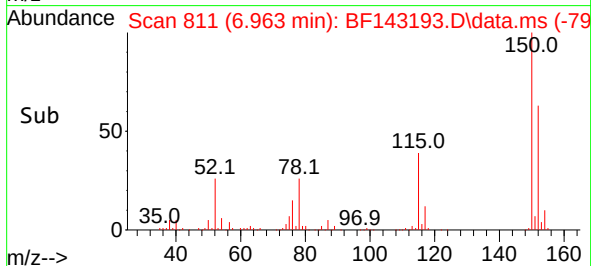
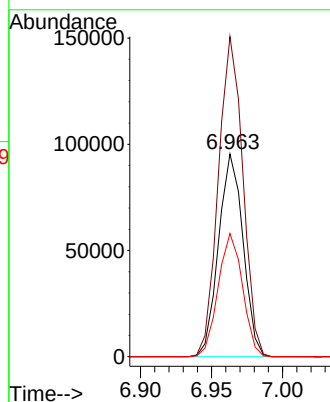
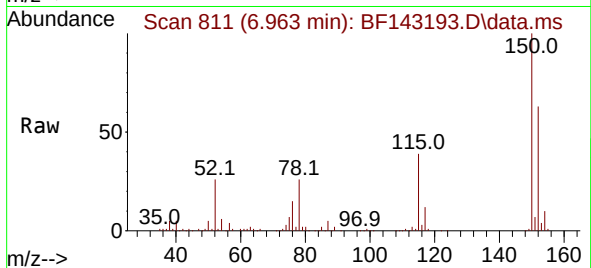




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF143193.D
Acq: 22 Jul 2025 17:25

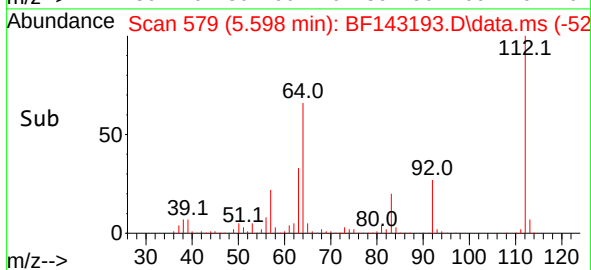
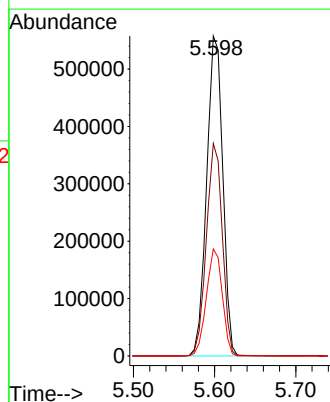
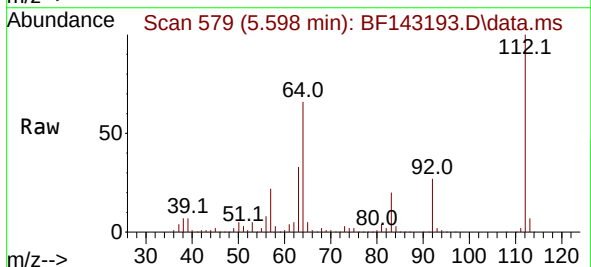
Instrument :
BNA_F
ClientSampleId :
WC-2

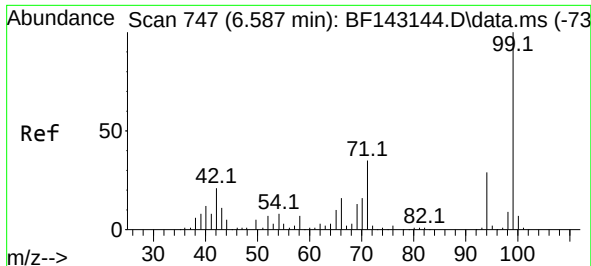
Tgt Ion:152 Resp: 114430
Ion Ratio Lower Upper
152 100
150 157.8 128.2 192.4
115 60.8 47.9 71.9



#5
2-Fluorophenol
Concen: 106.045 ng
RT: 5.598 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF143193.D
Acq: 22 Jul 2025 17:25

Tgt Ion:112 Resp: 766825
Ion Ratio Lower Upper
112 100
64 66.4 53.1 79.7
63 33.4 26.6 40.0

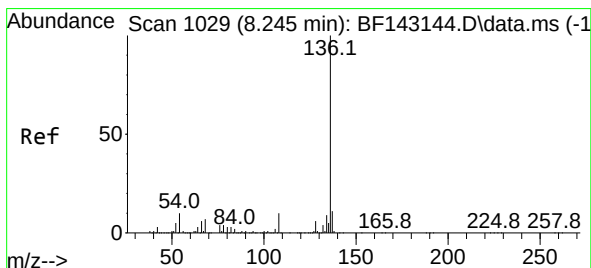
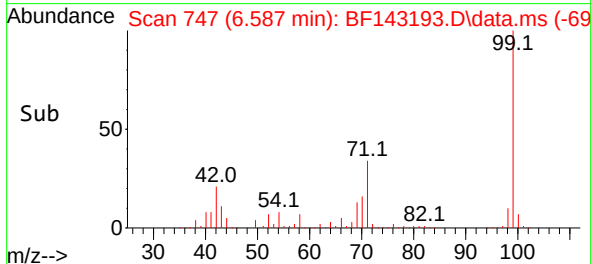
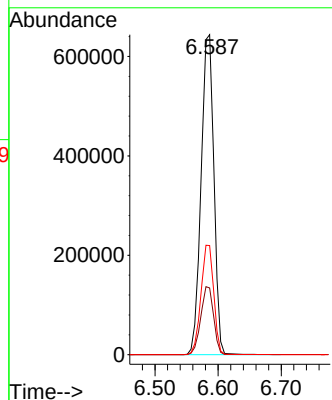
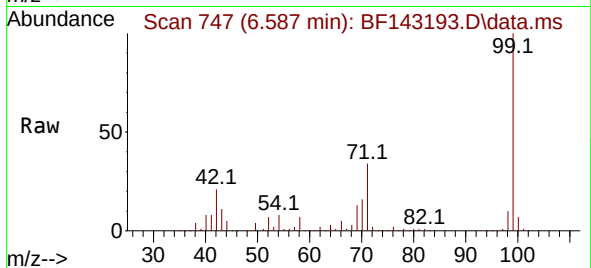




#7
Phenol-d6
Concen: 99.661 ng
RT: 6.587 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF143193.D
Acq: 22 Jul 2025 17:25

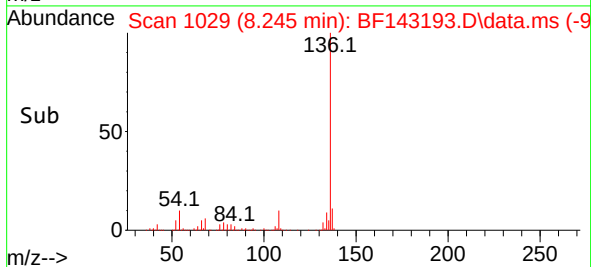
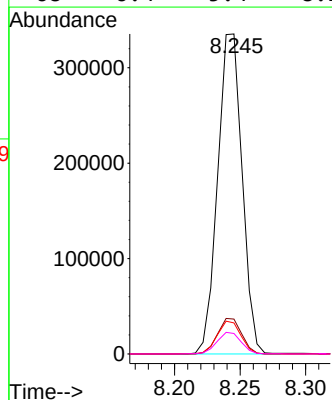
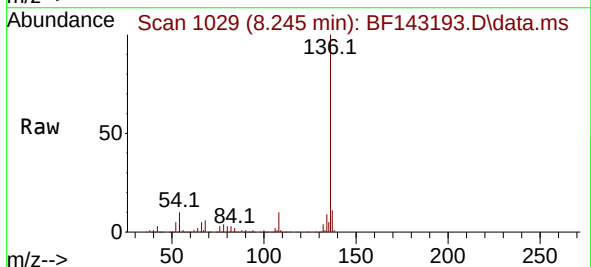
Instrument :
BNA_F
ClientSampleId :
WC-2

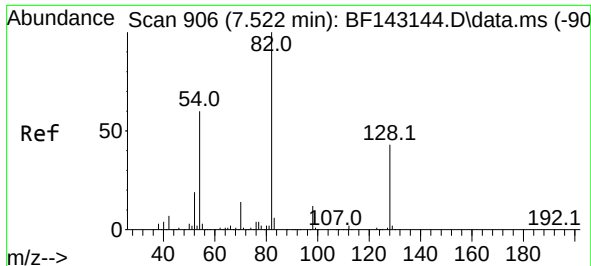
Tgt Ion: 99 Resp: 907082
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.6
71 34.1 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143193.D
Acq: 22 Jul 2025 17:25

Tgt Ion: 136 Resp: 434939
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.7 8.2 12.2
68 6.4 5.4 8.2





#23

Nitrobenzene-d5

Concen: 78.628 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143193.D

Acq: 22 Jul 2025 17:25

Instrument :

BNA_F

ClientSampleId :

WC-2

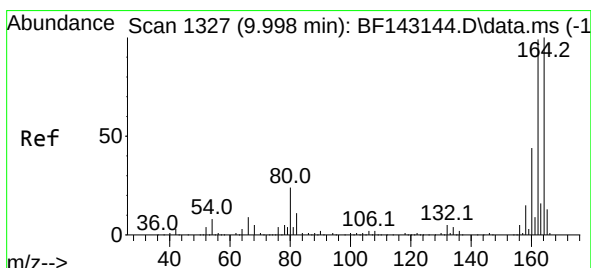
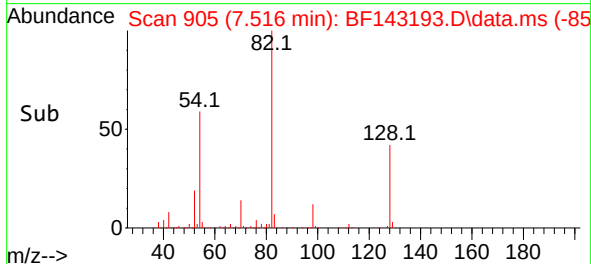
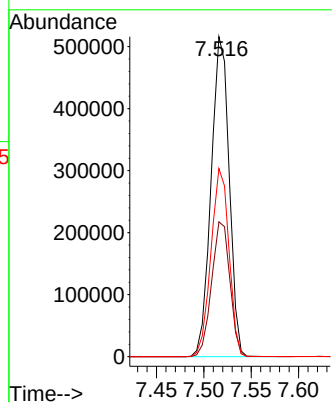
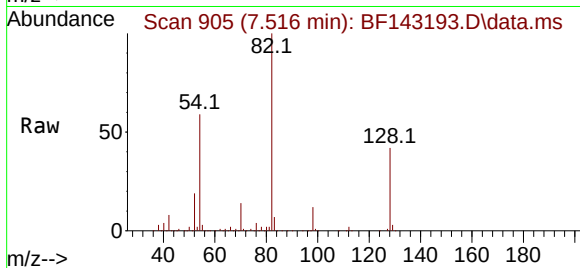
Tgt Ion: 82 Resp: 686068

Ion Ratio Lower Upper

82 100

128 42.1 33.6 50.4

54 58.8 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: BF143193.D

Acq: 22 Jul 2025 17:25

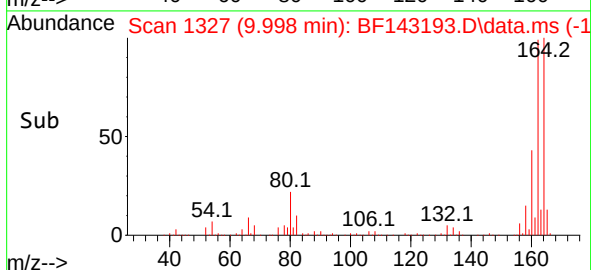
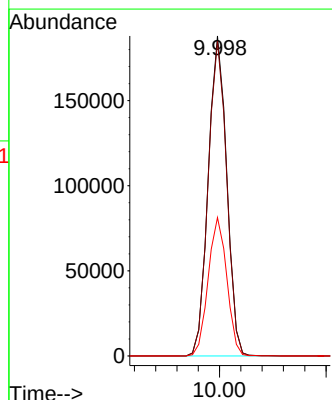
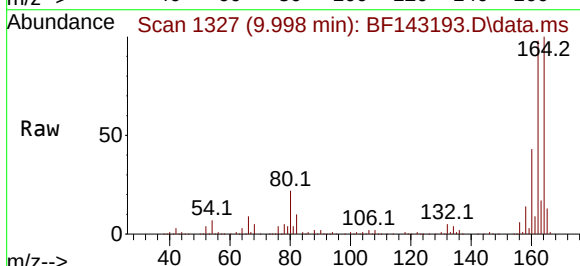
Tgt Ion: 164 Resp: 226568

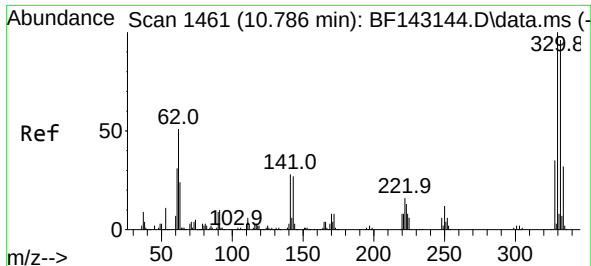
Ion Ratio Lower Upper

164 100

162 98.4 79.0 118.6

160 43.3 35.1 52.7

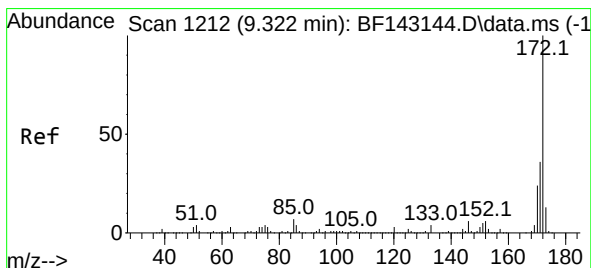
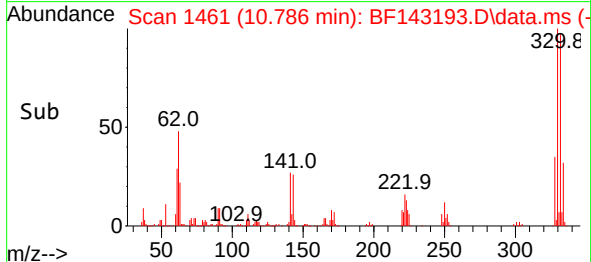
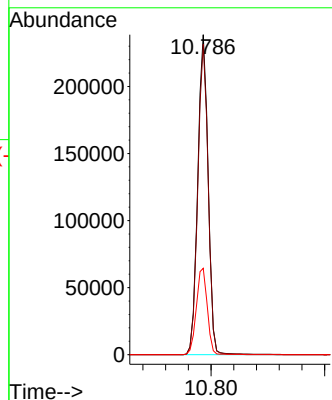
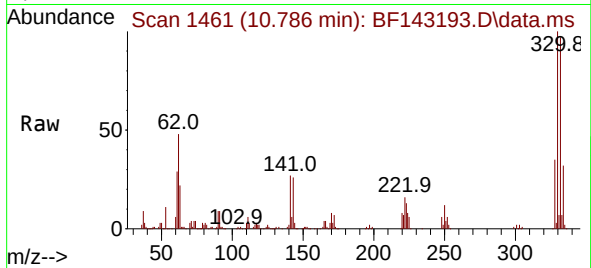




#42
 2,4,6-Tribromophenol
 Concen: 129.936 ng
 RT: 10.786 min Scan# 1461
 Delta R.T. -0.000 min
 Lab File: BF143193.D
 Acq: 22 Jul 2025 17:25

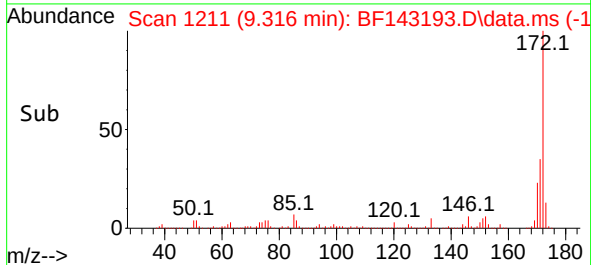
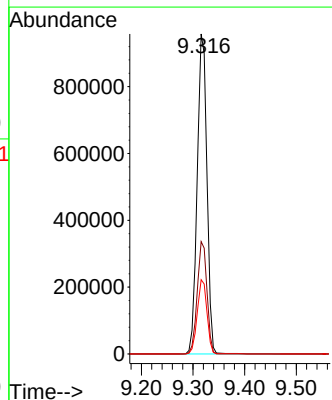
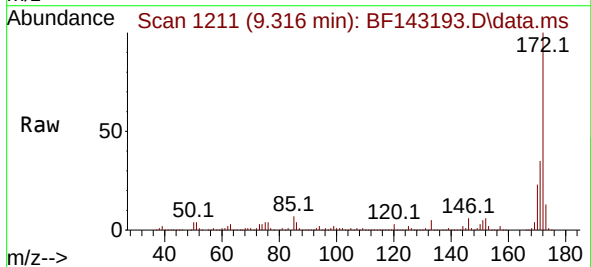
Instrument :
 BNA_F
 ClientSampleId :
 WC-2

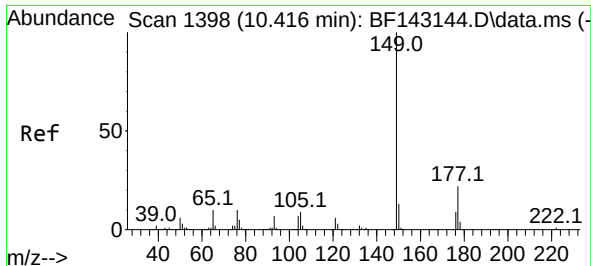
Tgt Ion: 330 Resp: 304125
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.7 115.1
 141 28.4 23.3 34.9



#45
 2-Fluorobiphenyl
 Concen: 75.518 ng
 RT: 9.316 min Scan# 1211
 Delta R.T. -0.006 min
 Lab File: BF143193.D
 Acq: 22 Jul 2025 17:25

Tgt Ion: 172 Resp: 1251076
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 42.8
 170 23.2 18.8 28.2

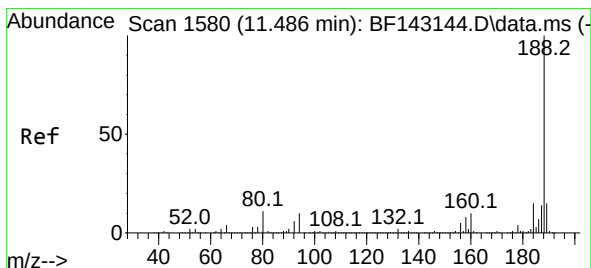
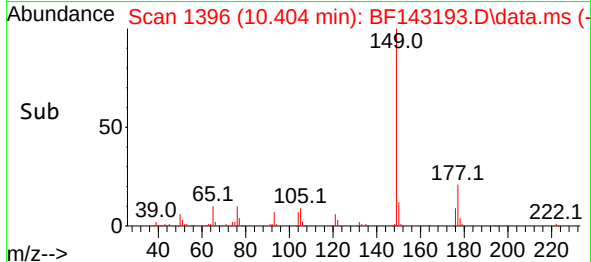
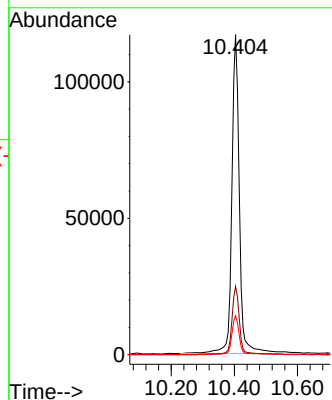
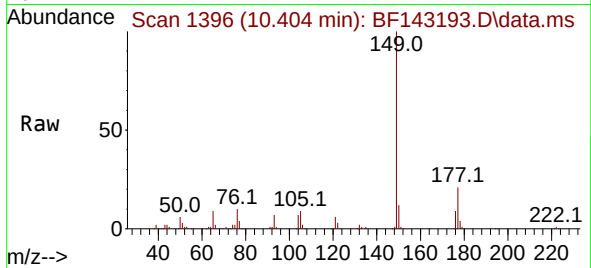




#60
Diethylphthalate
Concen: 13.307 ng
RT: 10.404 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143193.D
Acq: 22 Jul 2025 17:25

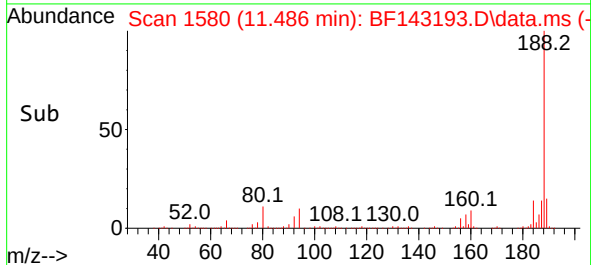
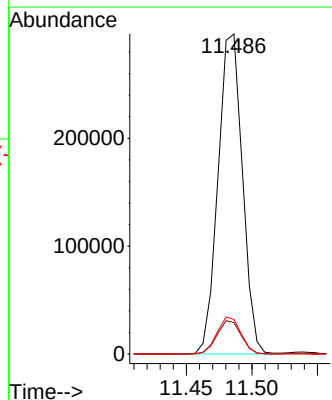
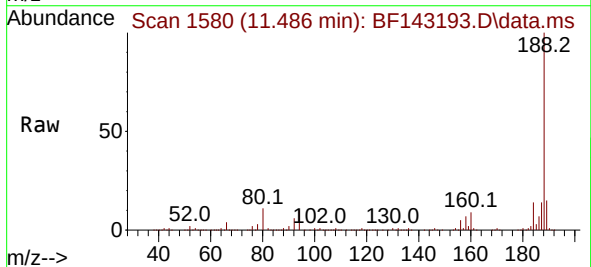
Instrument :
BNA_F
ClientSampleId :
WC-2

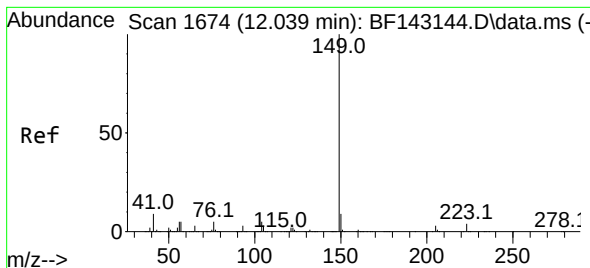
Tgt Ion:149 Resp: 194246
Ion Ratio Lower Upper
149 100
177 21.4 17.5 26.3
150 12.1 10.2 15.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143193.D
Acq: 22 Jul 2025 17:25

Tgt Ion:188 Resp: 383762
Ion Ratio Lower Upper
188 100
94 9.8 8.3 12.5
80 10.8 9.0 13.6





#74

Di-n-butylphthalate

Concen: 2.008 ng

RT: 12.039 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143193.D

Acq: 22 Jul 2025 17:25

Instrument :

BNA_F

ClientSampleId :

WC-2

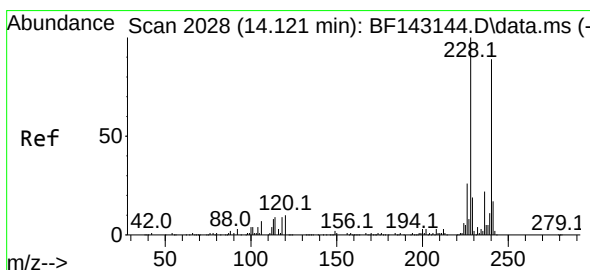
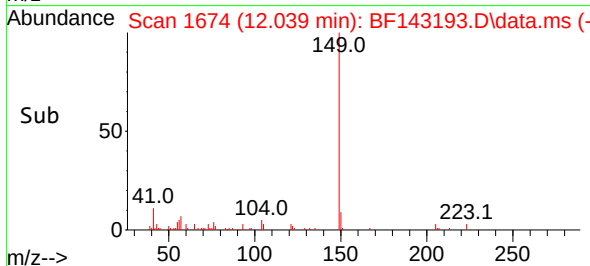
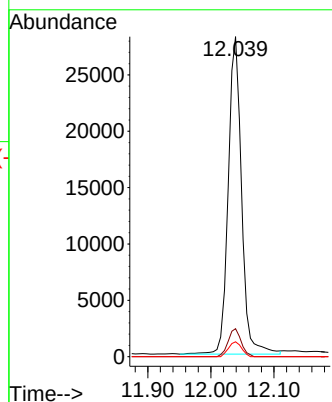
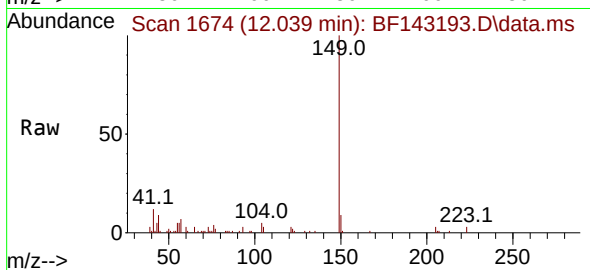
Tgt Ion:149 Resp: 41221

Ion Ratio Lower Upper

149 100

150 8.7 7.4 11.2

104 4.6 3.8 5.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.121 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF143193.D

Acq: 22 Jul 2025 17:25

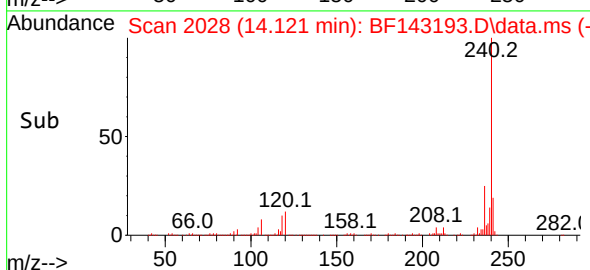
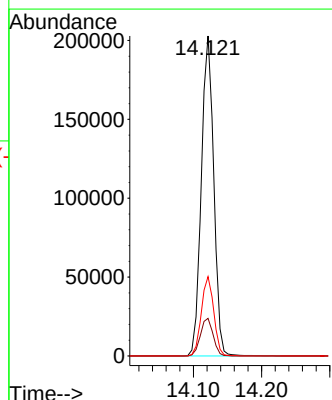
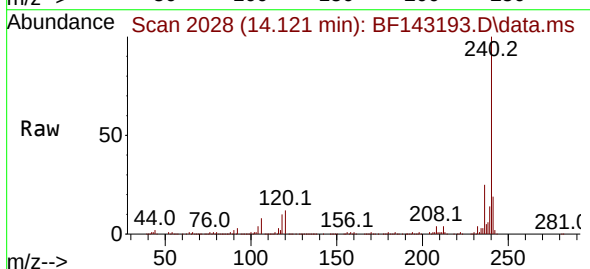
Tgt Ion:240 Resp: 256996

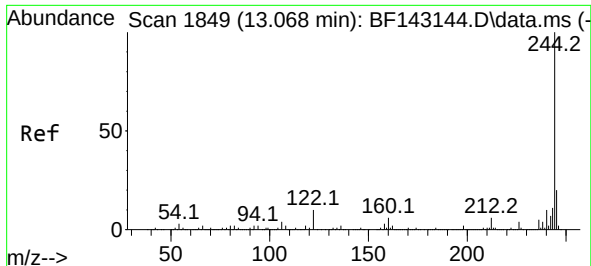
Ion Ratio Lower Upper

240 100

120 11.8 9.4 14.2

236 24.8 20.2 30.4

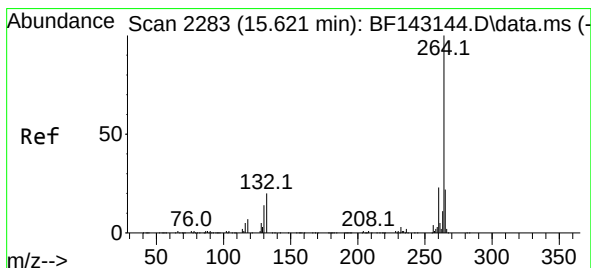
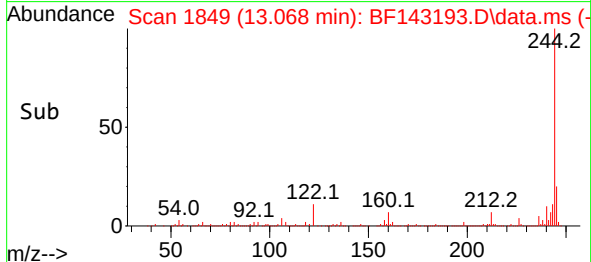
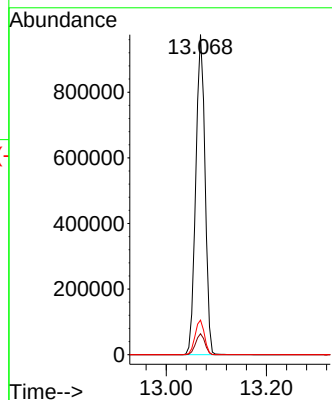
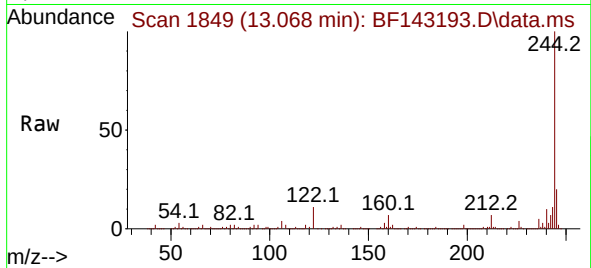




#79
 Terphenyl-d14
 Concen: 72.070 ng
 RT: 13.068 min Scan# 1849
 Delta R.T. -0.000 min
 Lab File: BF143193.D
 Acq: 22 Jul 2025 17:25

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Tgt Ion:244 Resp: 1244639
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.2 7.8
 122 10.8 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.627 min Scan# 2284
 Delta R.T. 0.006 min
 Lab File: BF143193.D
 Acq: 22 Jul 2025 17:25

Tgt Ion:264 Resp: 268282
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.5 27.7
 265 21.3 17.4 26.2

