

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
 Data File : BF143203.D
 Acq On : 22 Jul 2025 22:17
 Operator : RC/JU
 Sample : Q2658-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAD-072125-2

Quant Time: Jul 23 04:54:34 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)

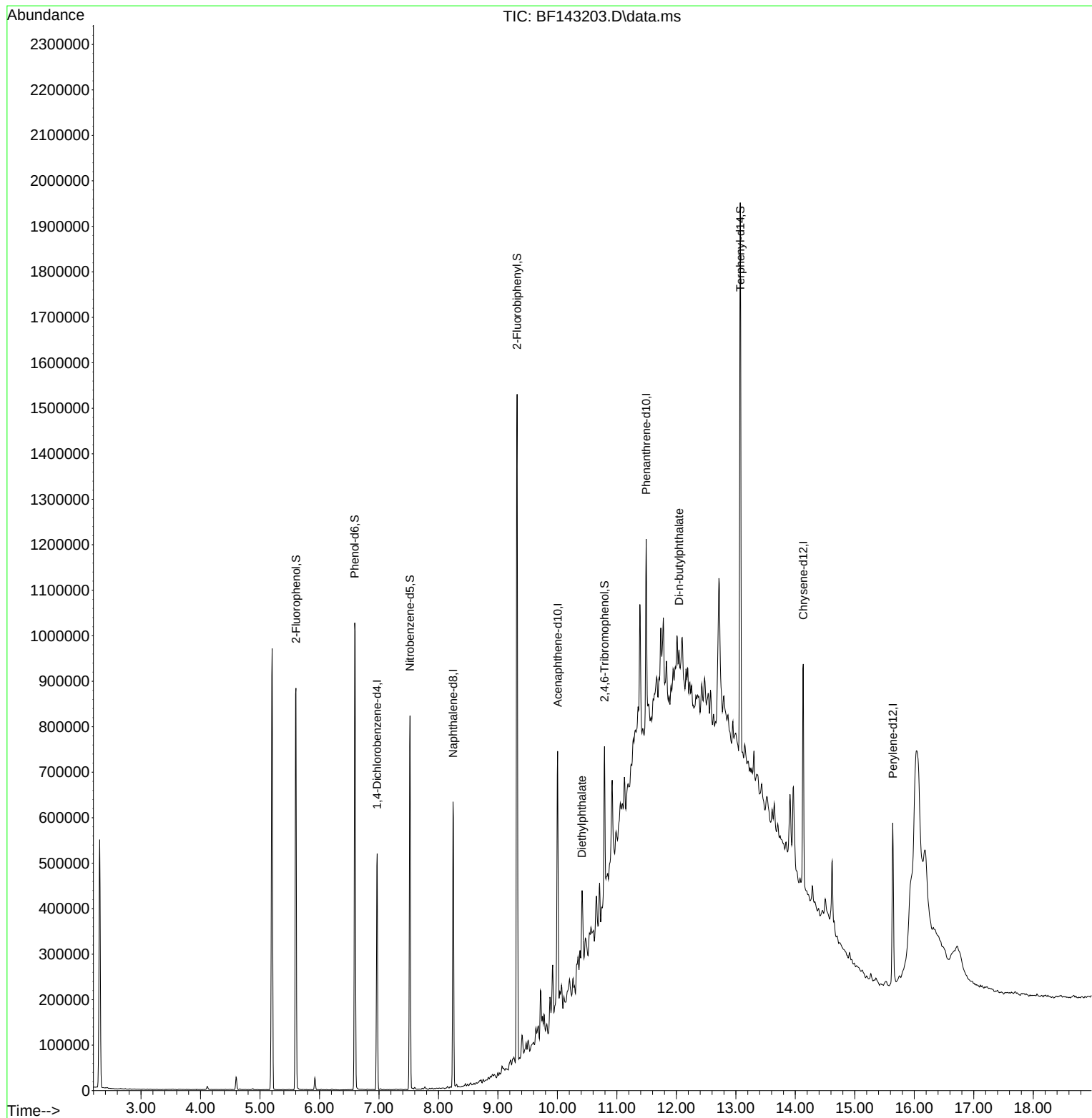
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	106463	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	377385	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	157346	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	210867	20.000	ng	0.00
76) Chrysene-d12	14.133	240	250114	20.000	ng	0.01
86) Perylene-d12	15.639	264	207331	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	315408	46.882	ng	0.02
7) Phenol-d6	6.592	99	460591	54.392	ng	0.00
23) Nitrobenzene-d5	7.522	82	341806	45.148	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	58360	35.903	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	625295	54.350	ng	0.00
79) Terphenyl-d14	13.074	244	590205	35.116	ng	0.00
Target Compounds						
60) Diethylphthalate	10.410	149	47561	4.692	ng	97
74) Di-n-butylphthalate	12.045	149	23441	2.078	ng	# 76

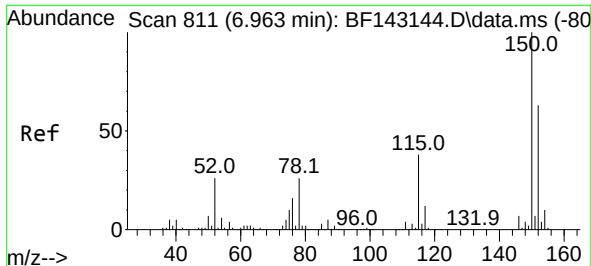
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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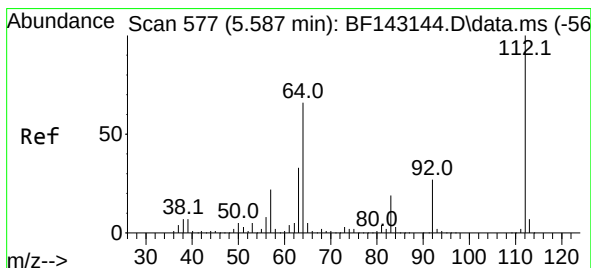
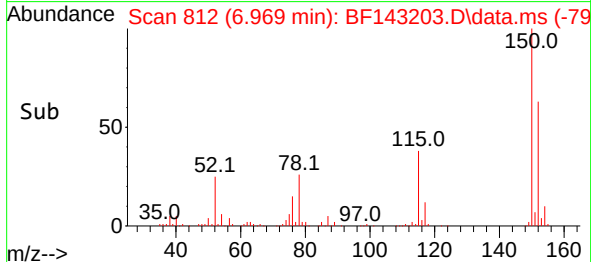
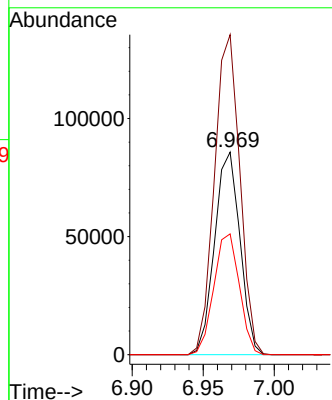
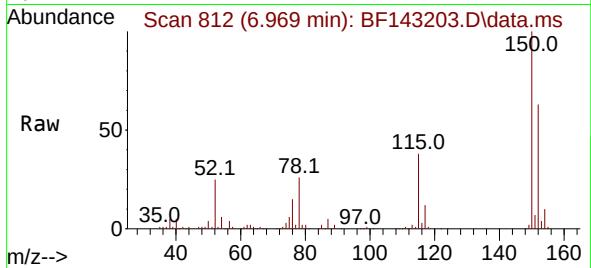




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF143203.D
Acq: 22 Jul 2025 22:17

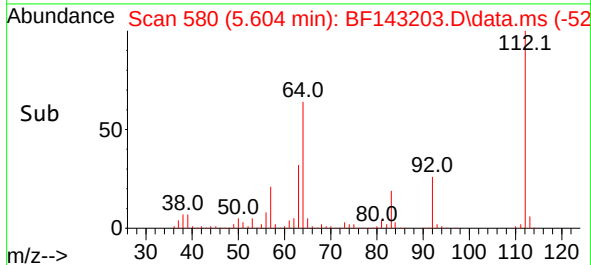
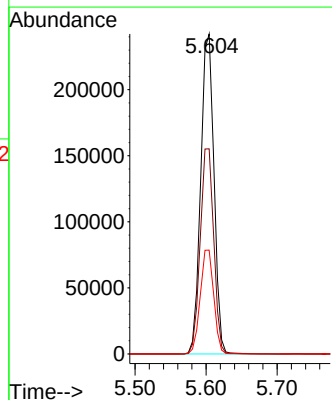
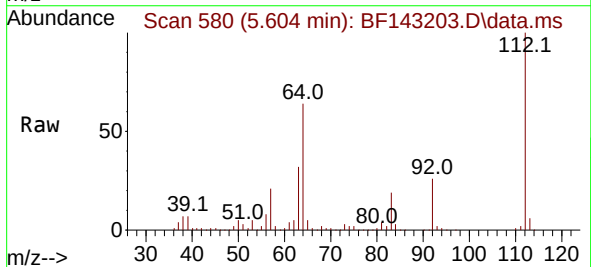
Instrument :
BNA_F
ClientSampleId :
PAD-072125-2

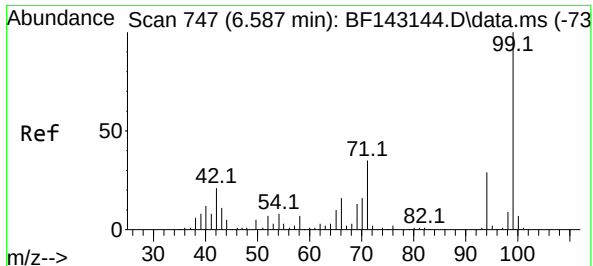
Tgt Ion:152 Resp: 106463
Ion Ratio Lower Upper
152 100
150 158.0 128.2 192.4
115 59.6 47.9 71.9



#5
2-Fluorophenol
Concen: 46.882 ng
RT: 5.604 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF143203.D
Acq: 22 Jul 2025 22:17

Tgt Ion:112 Resp: 315408
Ion Ratio Lower Upper
112 100
64 64.1 53.1 79.7
63 32.5 26.6 40.0

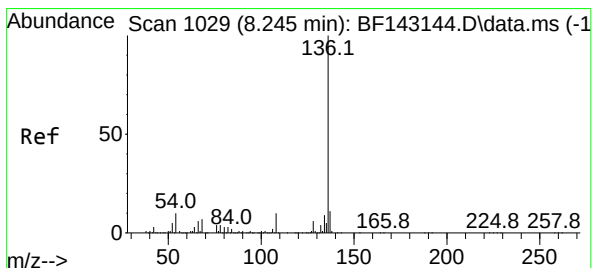
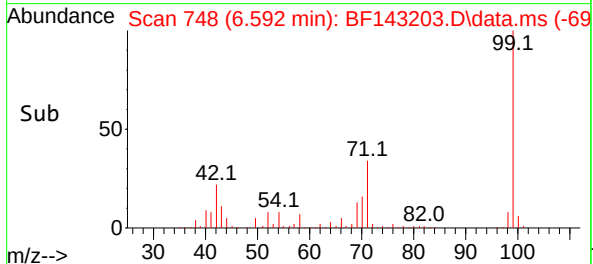
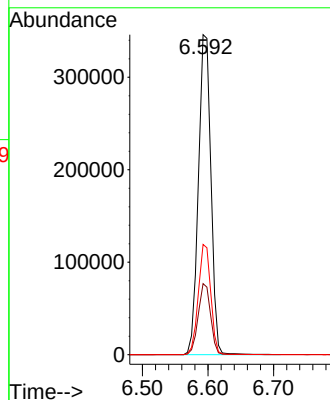
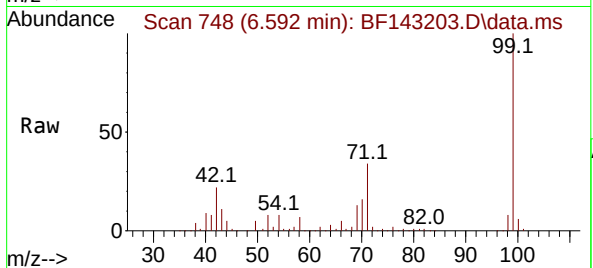




#7
Phenol-d6
Concen: 54.392 ng
RT: 6.592 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF143203.D
Acq: 22 Jul 2025 22:17

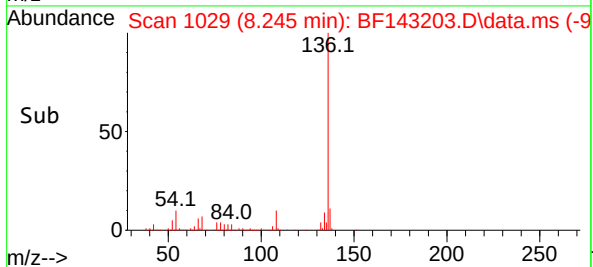
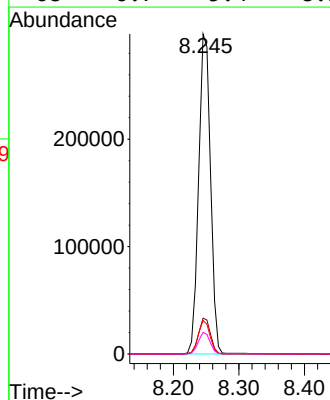
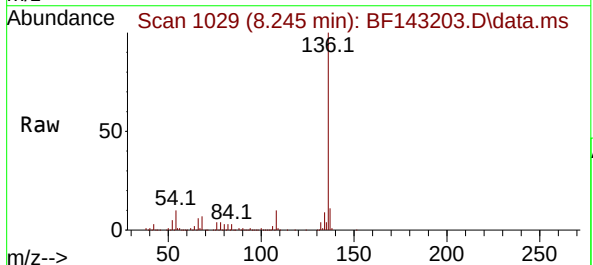
Instrument :
BNA_F
ClientSampleId :
PAD-072125-2

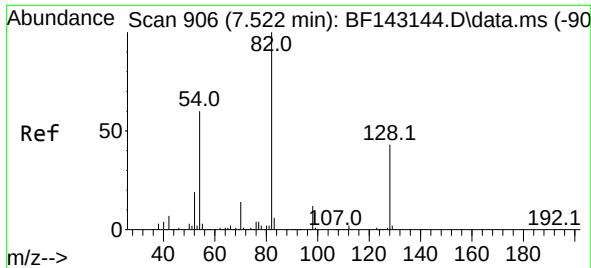
Tgt Ion: 99 Resp: 460591
Ion Ratio Lower Upper
99 100
42 22.2 17.0 25.6
71 34.4 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143203.D
Acq: 22 Jul 2025 22:17

Tgt Ion: 136 Resp: 377385
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 10.4 8.2 12.2
68 6.7 5.4 8.2





#23

Nitrobenzene-d5

Concen: 45.148 ng

RT: 7.522 min Scan# 906

Delta R.T. -0.000 min

Lab File: BF143203.D

Acq: 22 Jul 2025 22:17

Instrument :

BNA_F

ClientSampleId :

PAD-072125-2

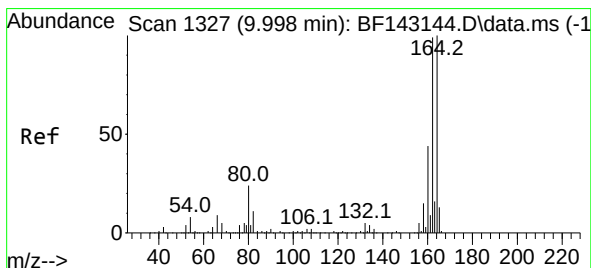
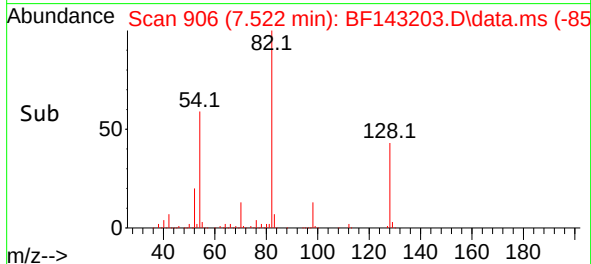
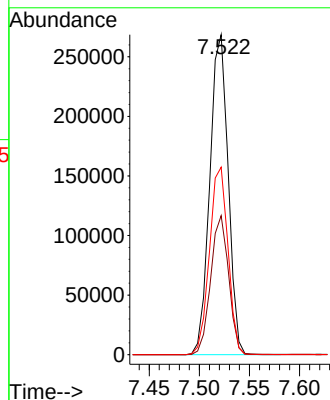
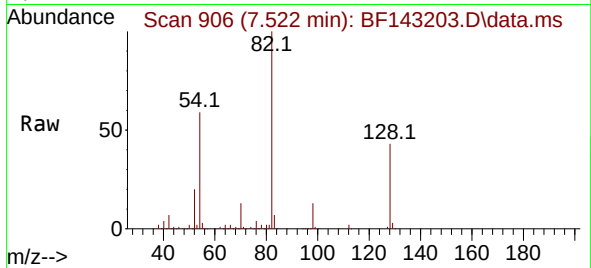
Tgt Ion: 82 Resp: 341806

Ion Ratio Lower Upper

82 100

128 43.4 33.6 50.4

54 58.6 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: BF143203.D

Acq: 22 Jul 2025 22:17

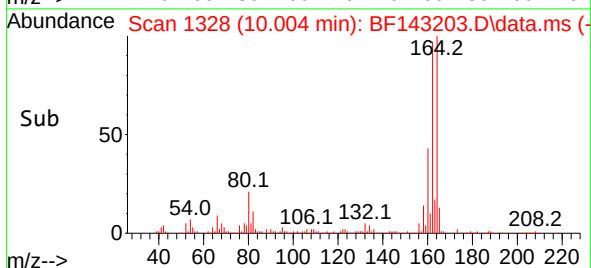
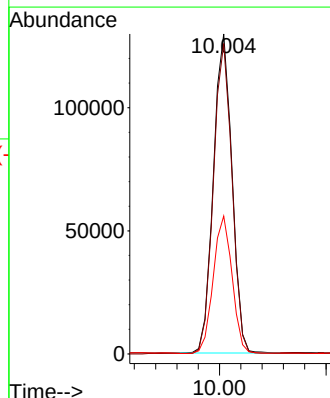
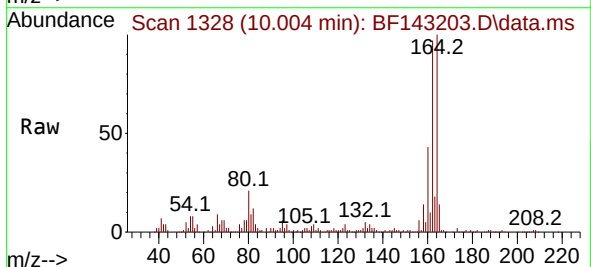
Tgt Ion: 164 Resp: 157346

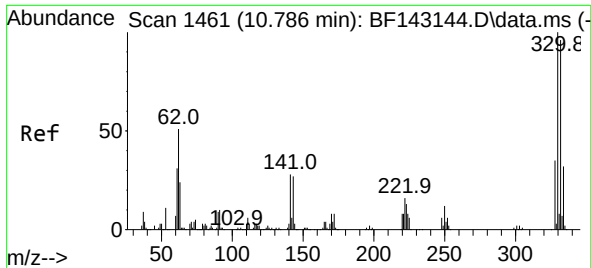
Ion Ratio Lower Upper

164 100

162 97.0 79.0 118.6

160 43.1 35.1 52.7

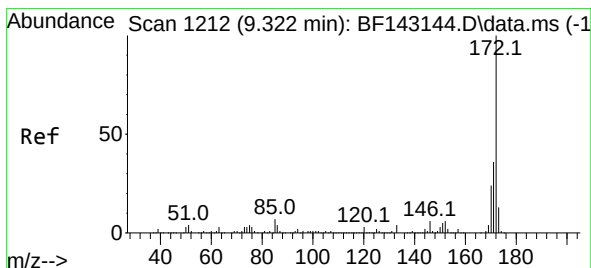
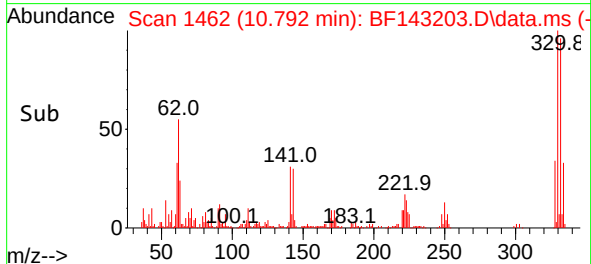
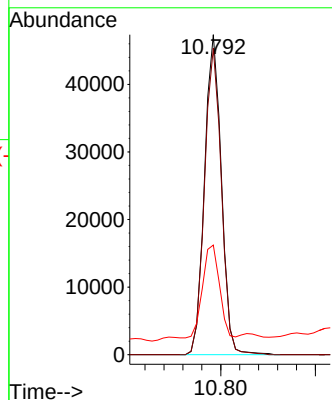
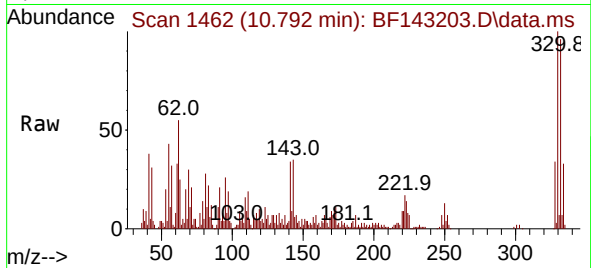




#42
2,4,6-Tribromophenol
Concen: 35.903 ng
RT: 10.792 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BF143203.D
Acq: 22 Jul 2025 22:17

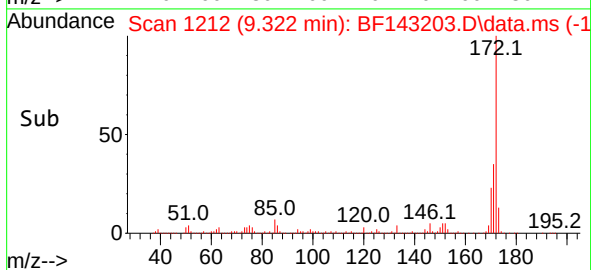
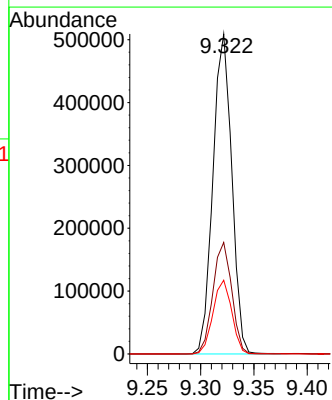
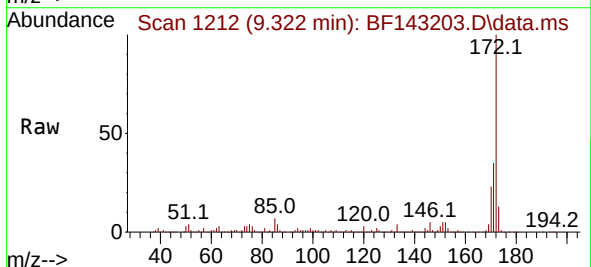
Instrument :
BNA_F
ClientSampleId :
PAD-072125-2

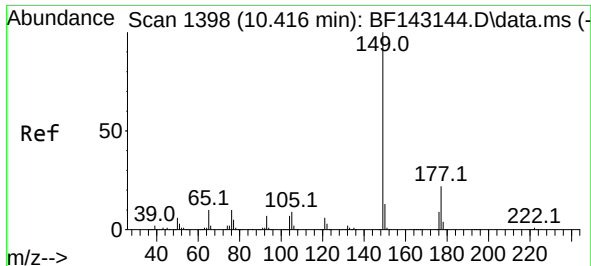
Tgt Ion: 330 Resp: 58360
Ion Ratio Lower Upper
330 100
332 96.2 76.7 115.1
141 29.1 23.3 34.9



#45
2-Fluorobiphenyl
Concen: 54.350 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF143203.D
Acq: 22 Jul 2025 22:17

Tgt Ion: 172 Resp: 625295
Ion Ratio Lower Upper
172 100
171 34.8 28.6 42.8
170 23.0 18.8 28.2

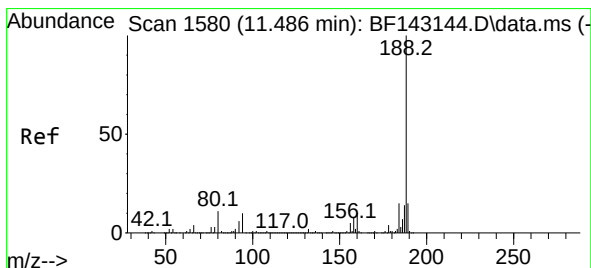
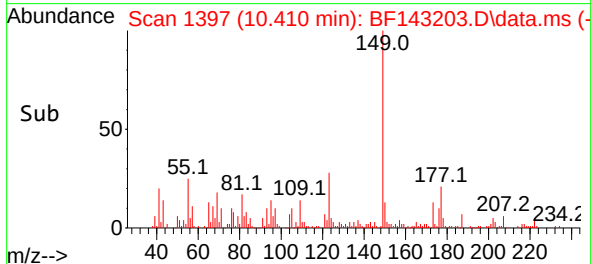
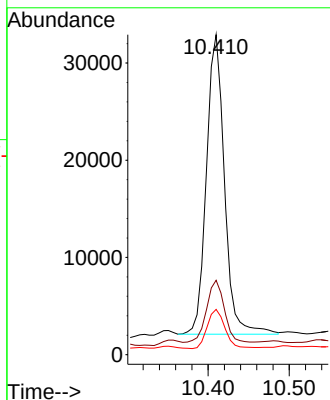
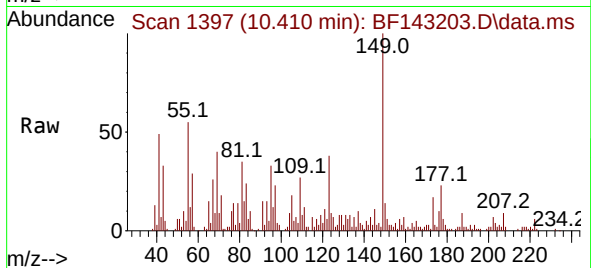




#60
Diethylphthalate
Concen: 4.692 ng
RT: 10.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143203.D
Acq: 22 Jul 2025 22:17

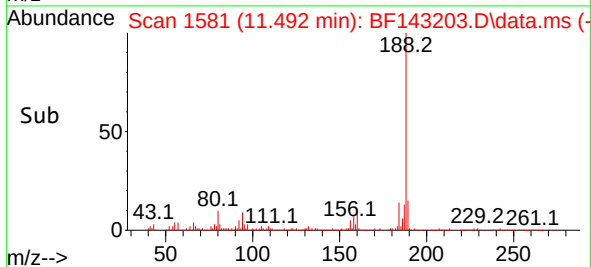
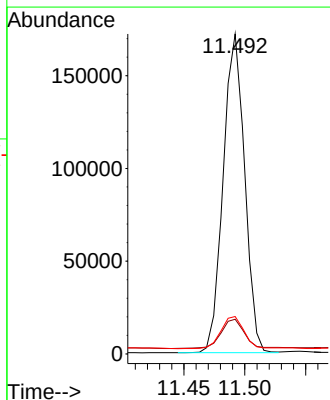
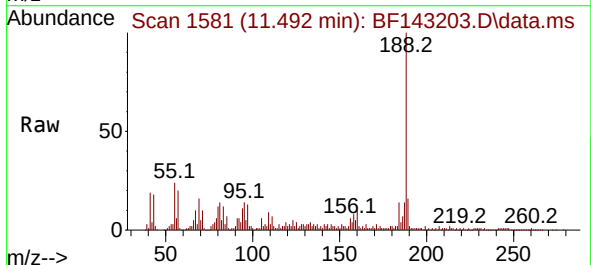
Instrument :
BNA_F
ClientSampleId :
PAD-072125-2

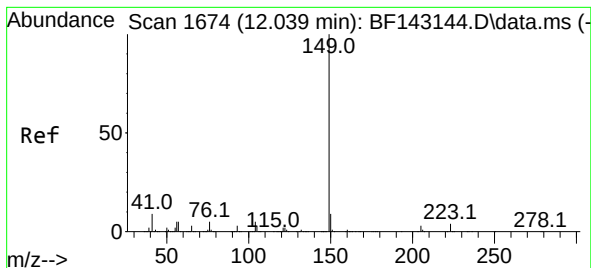
Tgt Ion:149	Resp:	47561
Ion Ratio	Lower	Upper
149	100	
177	23.3	17.5 26.3
150	14.2	10.2 15.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1581
Delta R.T. 0.006 min
Lab File: BF143203.D
Acq: 22 Jul 2025 22:17

Tgt Ion:188	Resp:	210867
Ion Ratio	Lower	Upper
188	100	
94	10.8	8.3 12.5
80	11.7	9.0 13.6





#74

Di-n-butylphthalate

Concen: 2.078 ng

RT: 12.045 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF143203.D

Acq: 22 Jul 2025 22:17

Instrument :

BNA_F

ClientSampleId :

PAD-072125-2

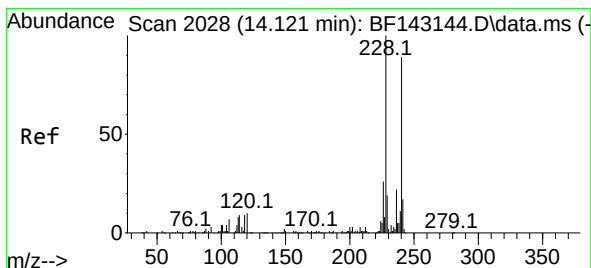
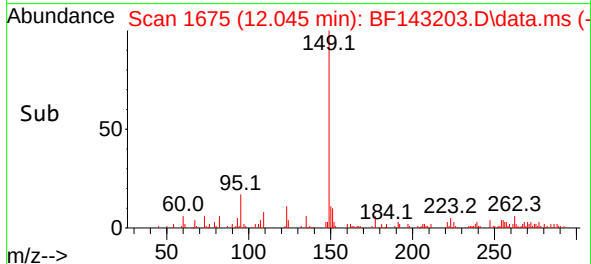
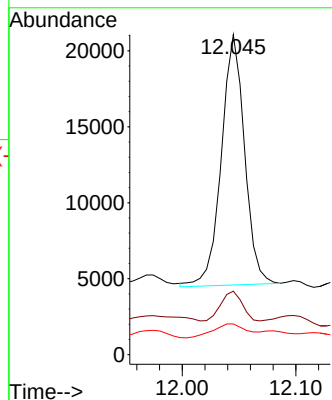
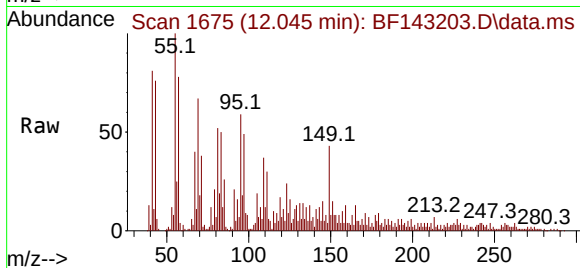
Tgt Ion:149 Resp: 23441

Ion Ratio Lower Upper

149 100

150 19.8 7.4 11.2#

104 9.6 3.8 5.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.133 min Scan# 2030

Delta R.T. 0.012 min

Lab File: BF143203.D

Acq: 22 Jul 2025 22:17

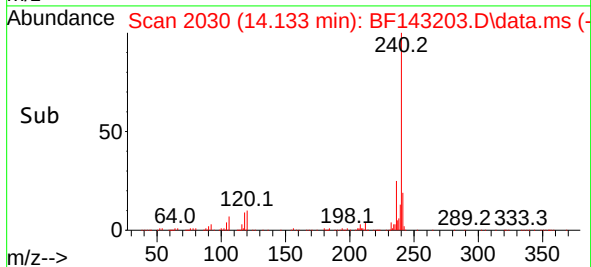
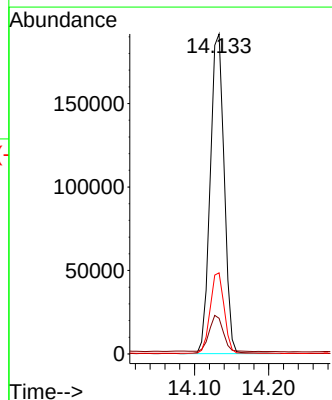
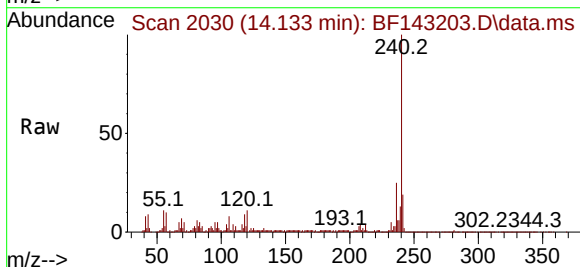
Tgt Ion:240 Resp: 250114

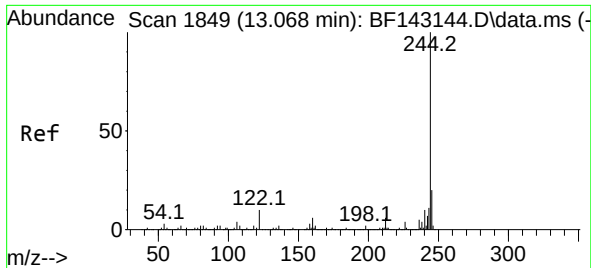
Ion Ratio Lower Upper

240 100

120 11.2 9.4 14.2

236 25.3 20.2 30.4

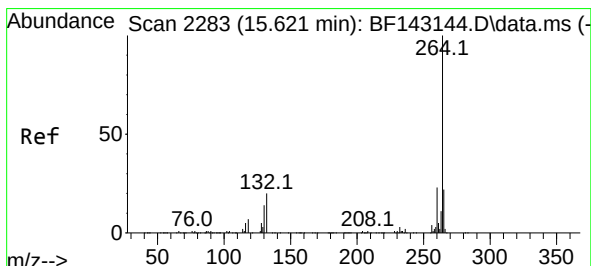
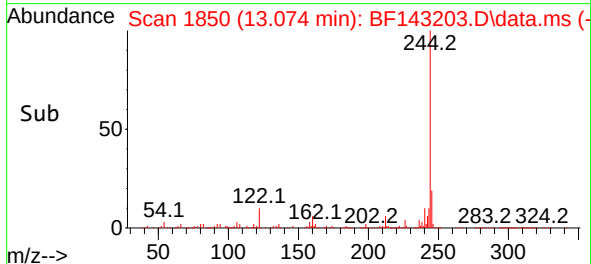
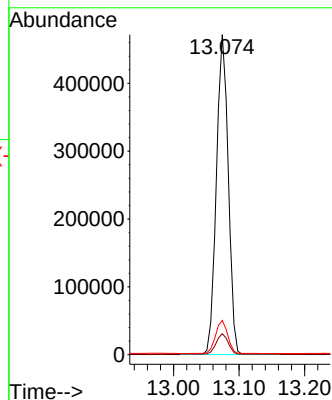
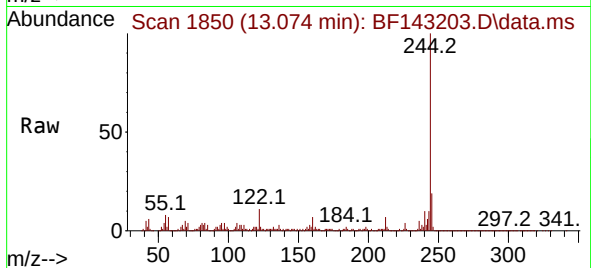




#79
 Terphenyl-d14
 Concen: 35.116 ng
 RT: 13.074 min Scan# 1849
 Delta R.T. 0.006 min
 Lab File: BF143203.D
 Acq: 22 Jul 2025 22:17

Instrument :
 BNA_F
 ClientSampleId :
 PAD-072125-2

Tgt Ion:244 Resp: 590205
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.2 7.8
 122 10.7 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: BF143203.D
 Acq: 22 Jul 2025 22:17

Tgt Ion:264 Resp: 207331
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.5 27.7
 265 22.5 17.4 26.2

