

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142265.D
 Acq On : 01 May 2025 17:29
 Operator : RC/JU
 Sample : Q1906-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-4

Quant Time: May 01 18:09:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	202527	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	763853	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	363203	20.000	ng	-0.01
64) Phenanthrene-d10	11.427	188	510749	20.000	ng	0.00
76) Chrysene-d12	14.068	240	441054	20.000	ng	0.00
86) Perylene-d12	15.557	264	435448	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	745959	58.824	ng	0.00
7) Phenol-d6	6.516	99	958922	62.620	ng	-0.01
23) Nitrobenzene-d5	7.463	82	505067	43.440	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	190095	57.411	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1109411	43.068	ng	0.00
79) Terphenyl-d14	13.016	244	867484	28.606	ng	0.00

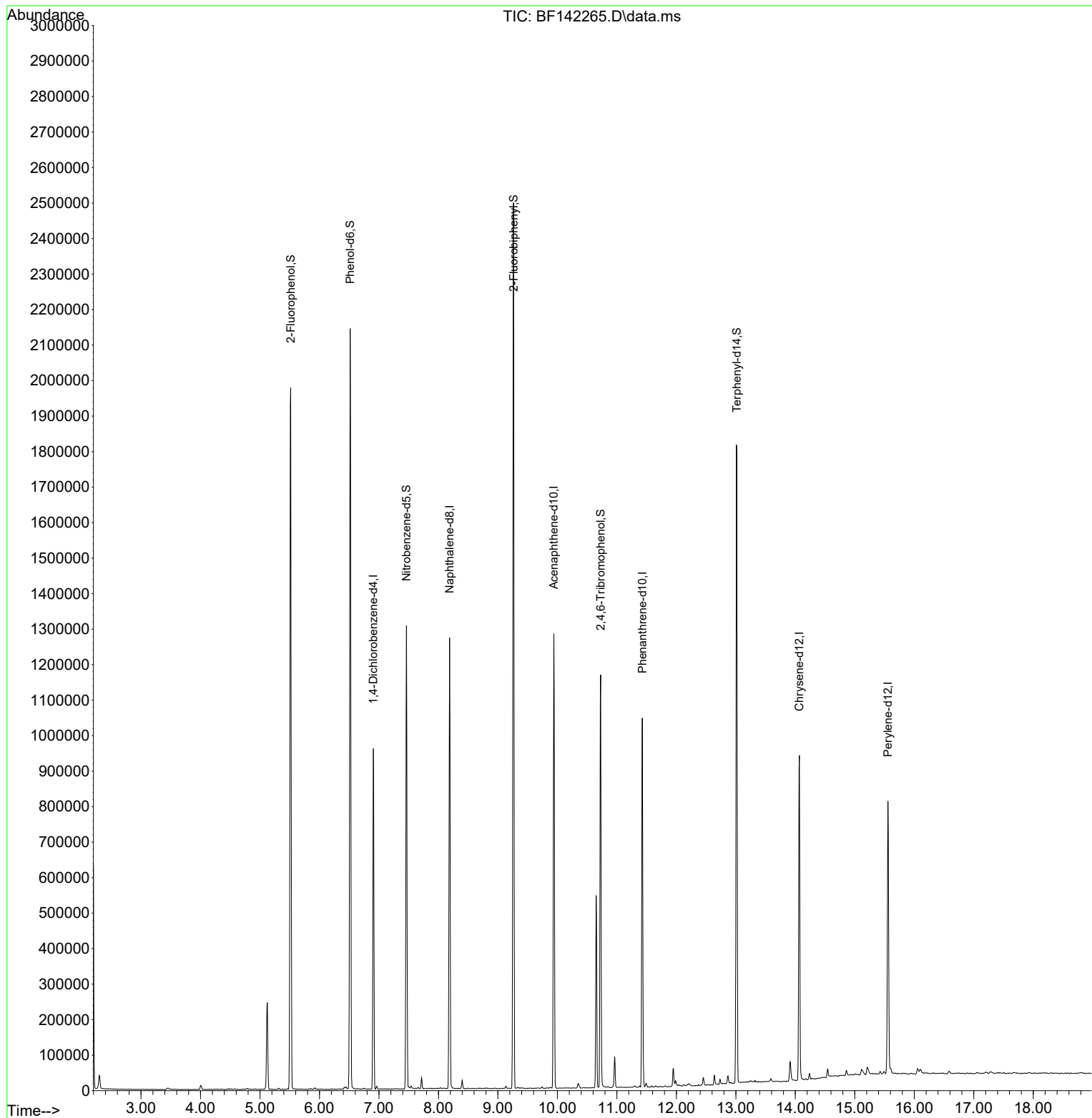
Target Compounds	Qvalue

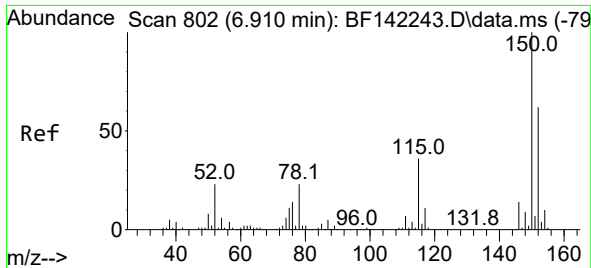
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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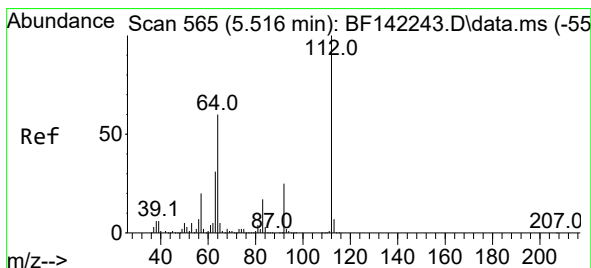
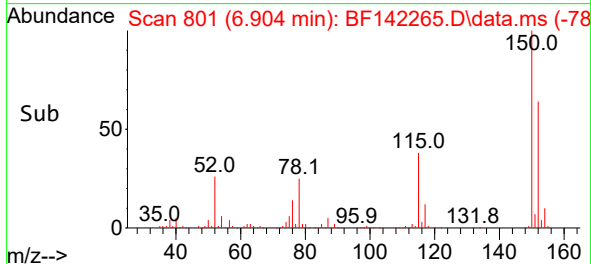
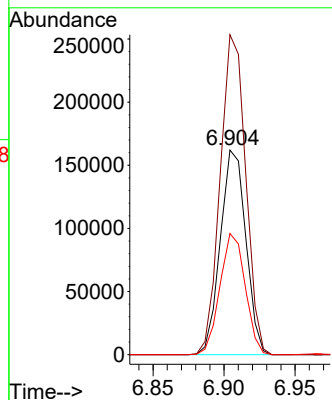
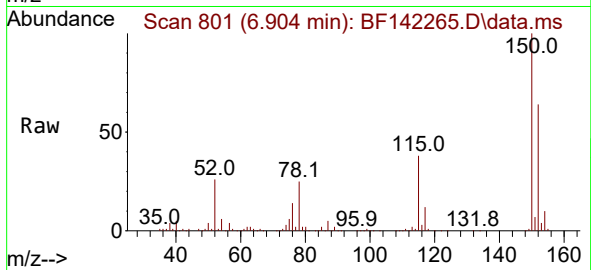




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142265.D
Acq: 01 May 2025 17:29

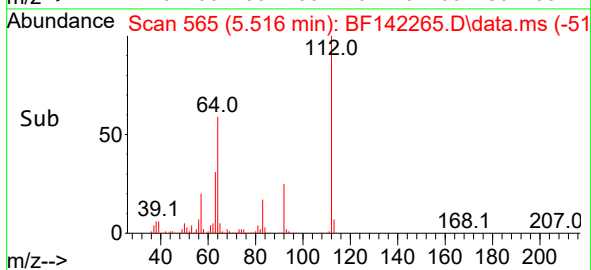
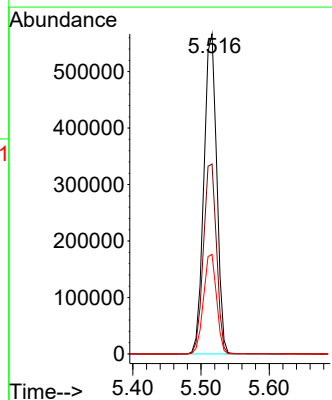
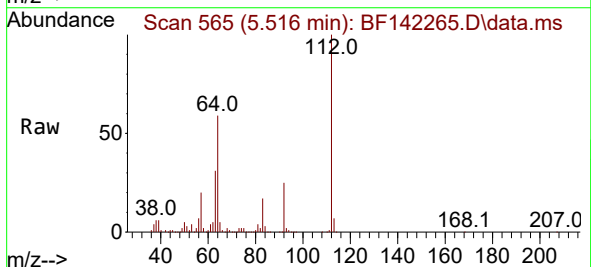
Instrument :
BNA_F
ClientSampleId :
WC-4

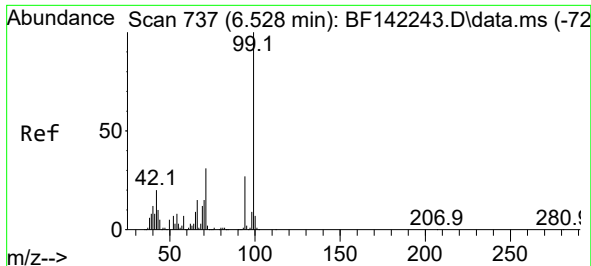
Tgt Ion:152 Resp: 202527
Ion Ratio Lower Upper
152 100
150 156.3 130.2 195.2
115 59.2 47.0 70.4



#5
2-Fluorophenol
Concen: 58.824 ng
RT: 5.516 min Scan# 565
Delta R.T. -0.000 min
Lab File: BF142265.D
Acq: 01 May 2025 17:29

Tgt Ion:112 Resp: 745959
Ion Ratio Lower Upper
112 100
64 59.3 48.4 72.6
63 31.1 24.8 37.2

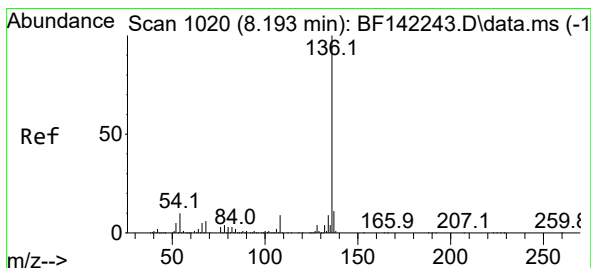
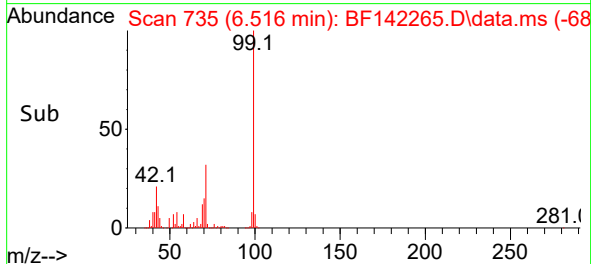
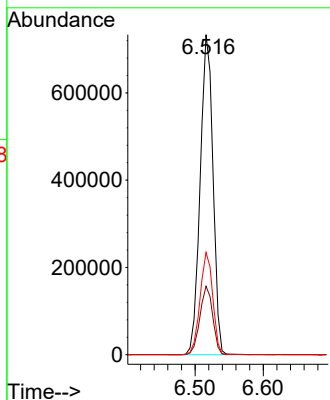
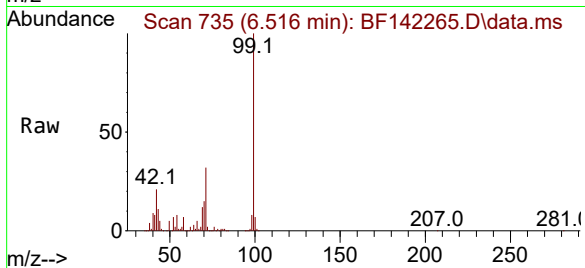




#7
Phenol-d6
Concen: 62.620 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142265.D
Acq: 01 May 2025 17:29

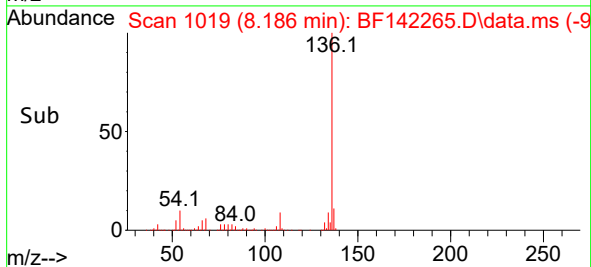
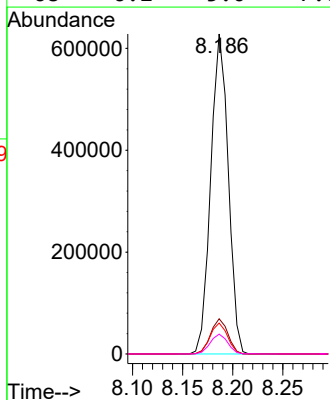
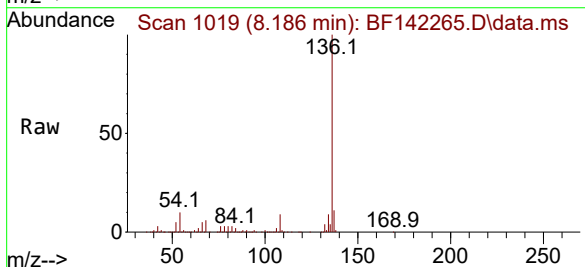
Instrument :
BNA_F
ClientSampleId :
WC-4

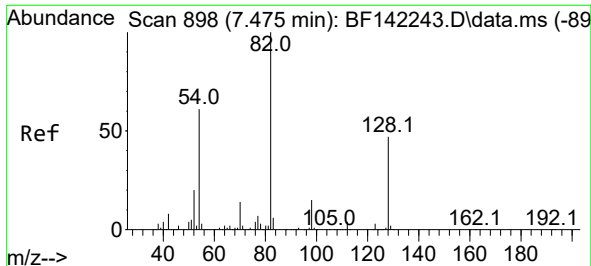
Tgt Ion: 99 Resp: 958922
Ion Ratio Lower Upper
99 100
42 21.4 16.3 24.5
71 32.0 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.007 min
Lab File: BF142265.D
Acq: 01 May 2025 17:29

Tgt Ion: 136 Resp: 763853
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.6 7.7 11.5
68 6.2 5.0 7.6





#23

Nitrobenzene-d5

Concen: 43.440 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142265.D

Acq: 01 May 2025 17:29

Instrument :

BNA_F

ClientSampleId :

WC-4

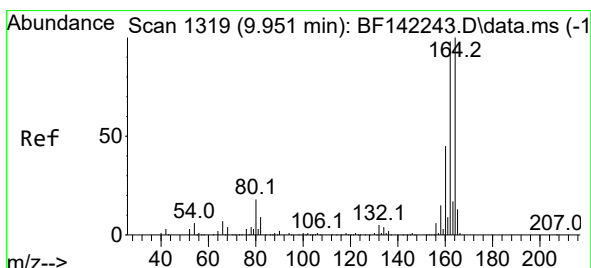
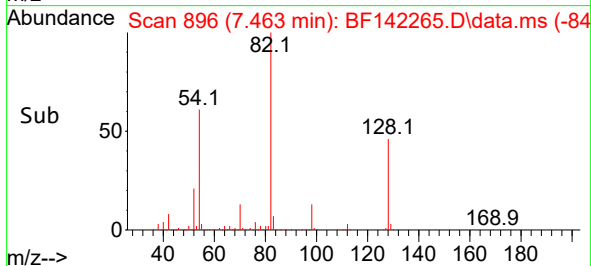
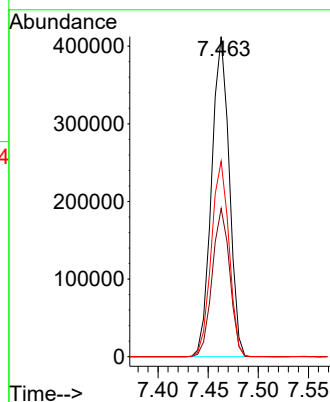
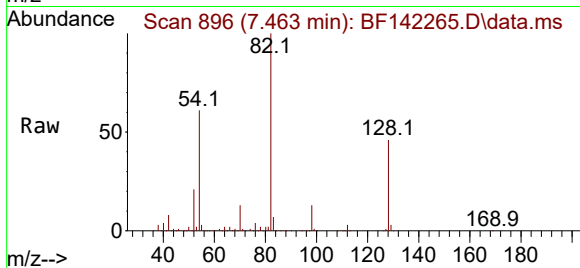
Tgt Ion: 82 Resp: 505067

Ion Ratio Lower Upper

82 100

128 46.3 37.0 55.6

54 61.0 48.0 72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.012 min

Lab File: BF142265.D

Acq: 01 May 2025 17:29

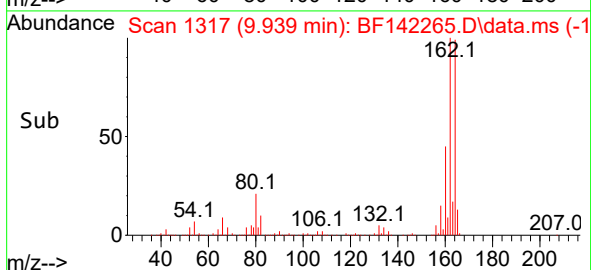
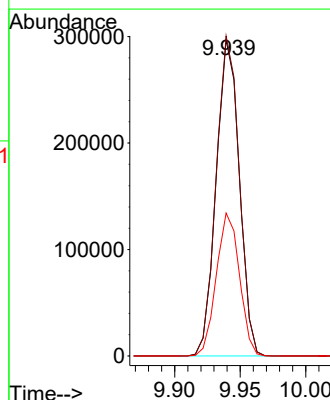
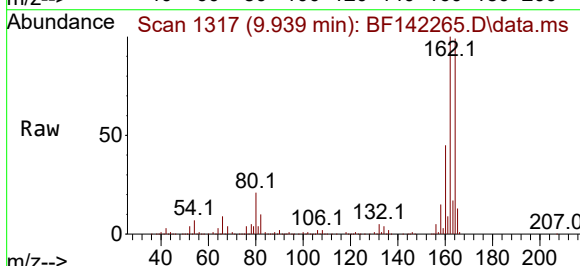
Tgt Ion:164 Resp: 363203

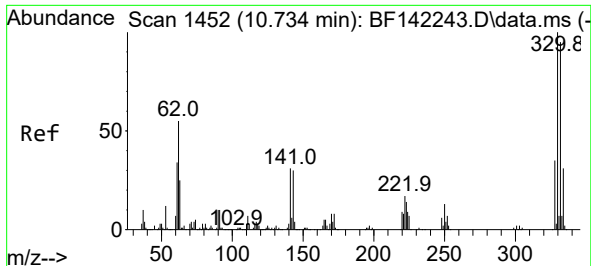
Ion Ratio Lower Upper

164 100

162 101.2 78.6 117.8

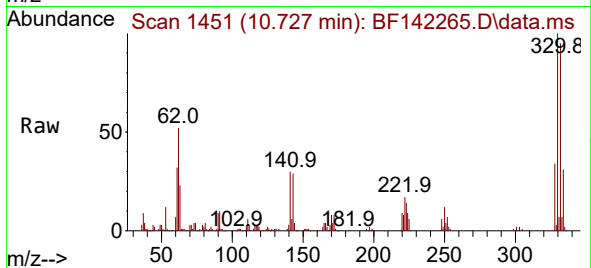
160 45.2 35.7 53.5



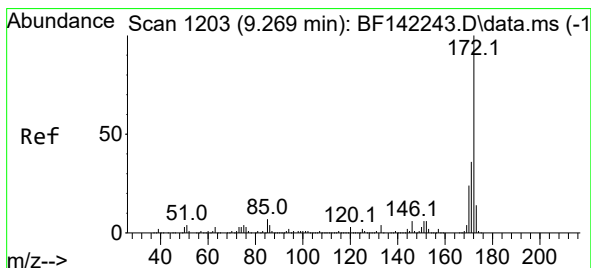
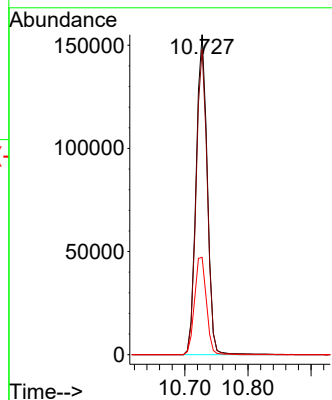
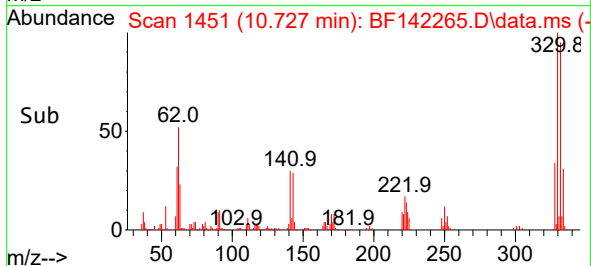


#42
2,4,6-Tribromophenol
Concen: 57.411 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142265.D
Acq: 01 May 2025 17:29

Instrument :
BNA_F
ClientSampleId :
WC-4

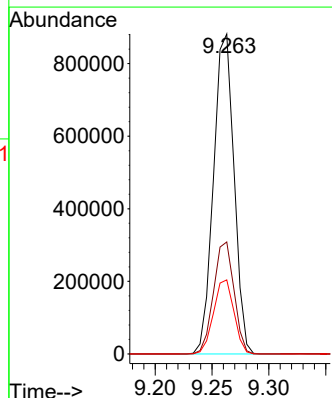
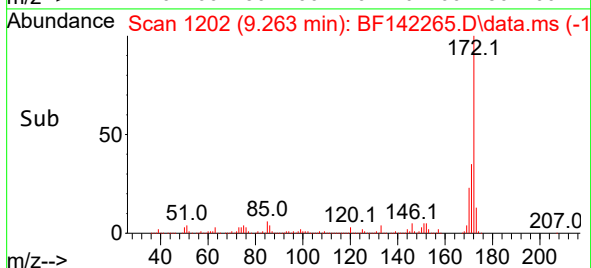
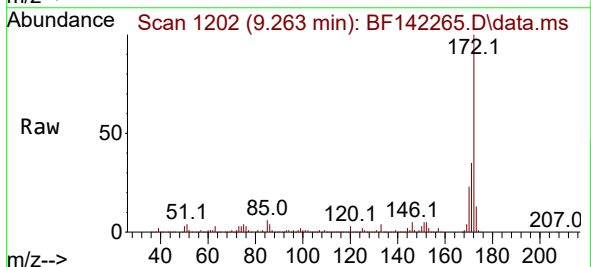


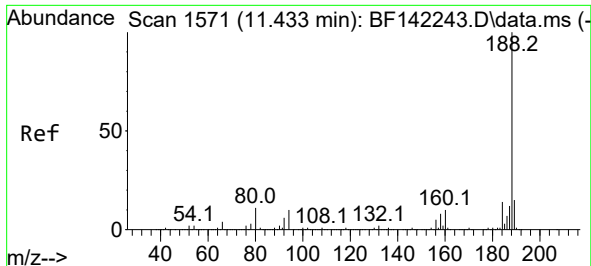
Tgt Ion: 330 Resp: 190095
Ion Ratio Lower Upper
330 100
332 95.5 76.5 114.7
141 32.3 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 43.068 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142265.D
Acq: 01 May 2025 17:29

Tgt Ion: 172 Resp: 1109411
Ion Ratio Lower Upper
172 100
171 35.0 29.0 43.4
170 23.2 19.4 29.0

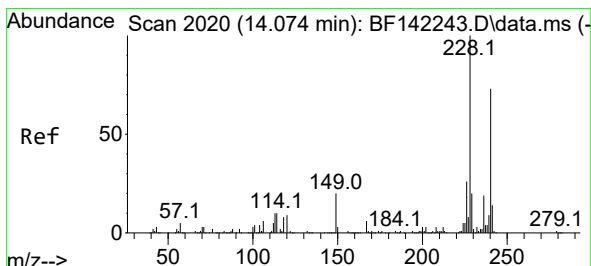
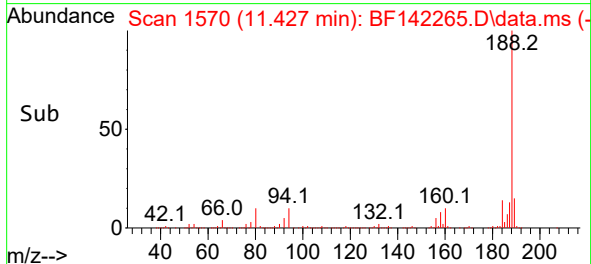
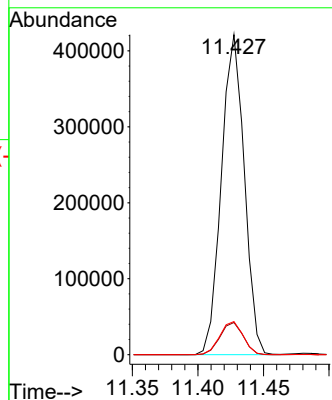
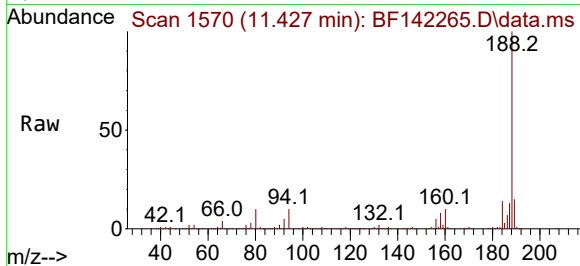




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142265.D
Acq: 01 May 2025 17:29

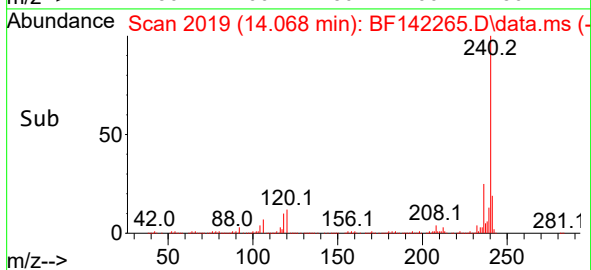
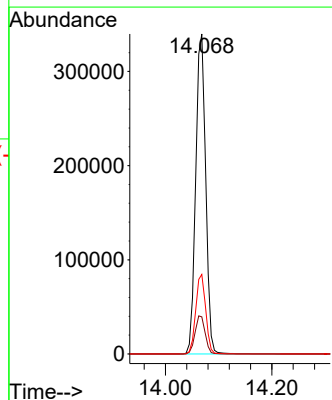
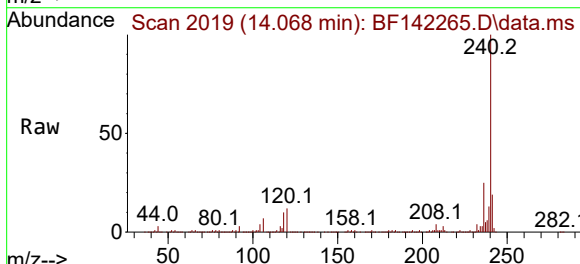
Instrument :
BNA_F
ClientSampleId :
WC-4

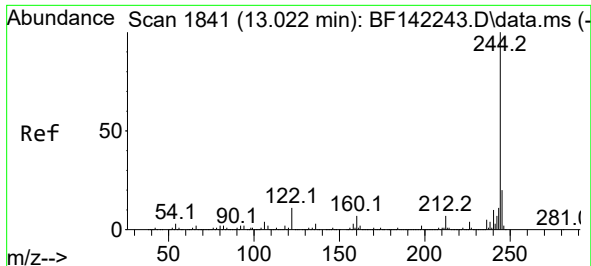
Tgt Ion:188 Resp: 510749
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.2
80 10.3 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142265.D
Acq: 01 May 2025 17:29

Tgt Ion:240 Resp: 441054
Ion Ratio Lower Upper
240 100
120 11.6 10.1 15.1
236 24.9 20.5 30.7

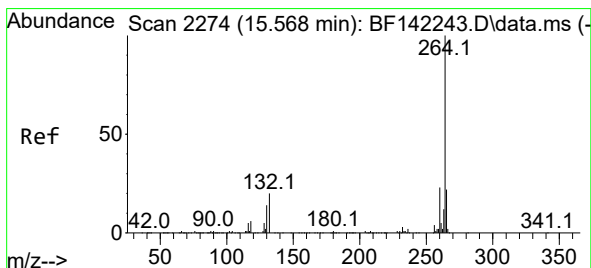
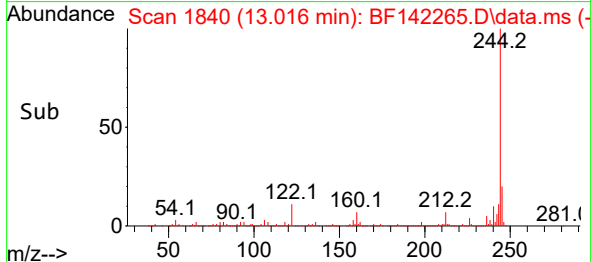
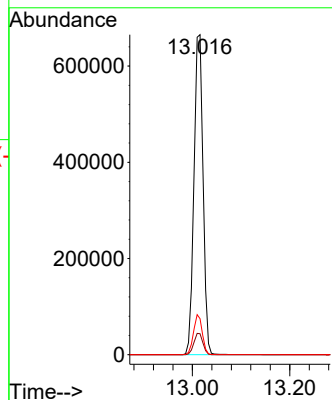
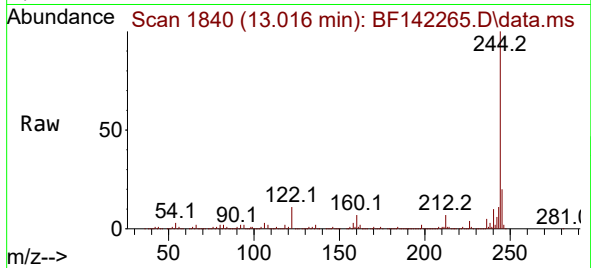




#79
 Terphenyl-d14
 Concen: 28.606 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142265.D
 Acq: 01 May 2025 17:29

Instrument :
 BNA_F
 ClientSampleId :
 WC-4

Tgt Ion:244 Resp: 867484
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 11.3 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2272
 Delta R.T. -0.012 min
 Lab File: BF142265.D
 Acq: 01 May 2025 17:29

Tgt Ion:264 Resp: 435448
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.4 27.6
 265 21.5 17.3 25.9

