

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142257.D
 Acq On : 01 May 2025 13:40
 Operator : RC/JU
 Sample : Q1890-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-WTS-07

Quant Time: May 01 14:05:20 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)

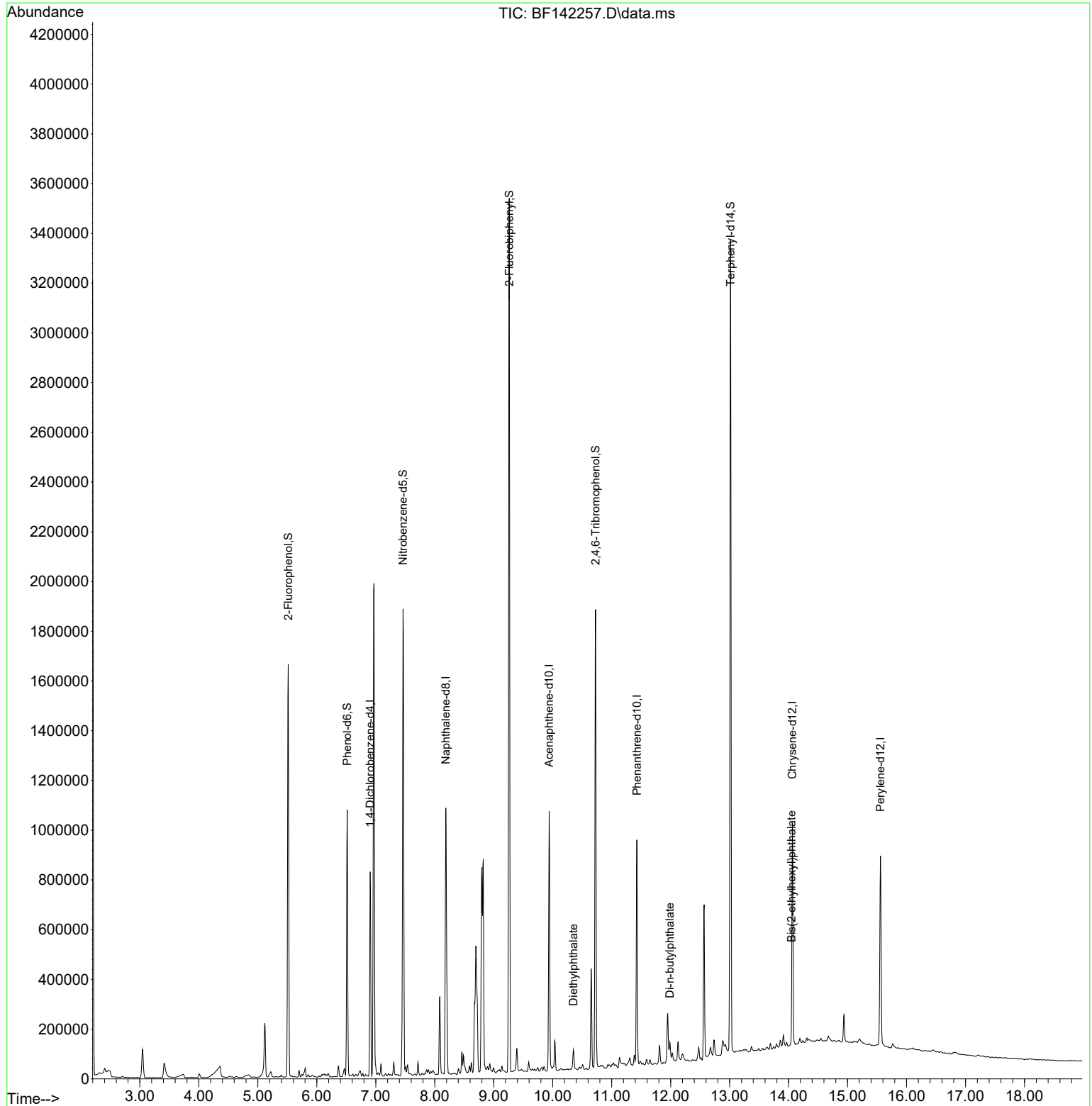
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	170973	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	625395	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	293822	20.000	ng	-0.01
64) Phenanthrene-d10	11.428	188	447576	20.000	ng	0.00
76) Chrysene-d12	14.063	240	427168	20.000	ng	-0.01
86) Perylene-d12	15.557	264	440225	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	606766	56.678	ng	0.00
7) Phenol-d6	6.516	99	450416	34.841	ng	-0.01
23) Nitrobenzene-d5	7.463	82	778309	81.761	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	309916	115.701	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1532141	73.523	ng	0.00
79) Terphenyl-d14	13.016	244	1574266	53.600	ng	0.00
Target Compounds						
60) Diethylphthalate	10.351	149	43291	2.332	ng	99
74) Di-n-butylphthalate	11.986	149	45978	2.027	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	7439	3.917	ng	# 89

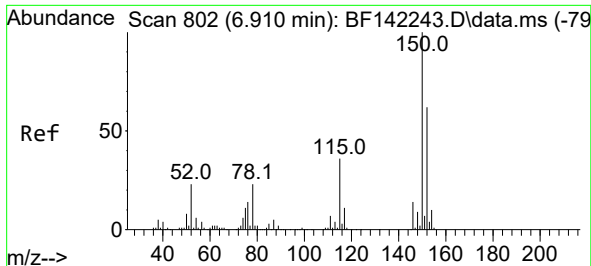
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 30 16:00:01 2025
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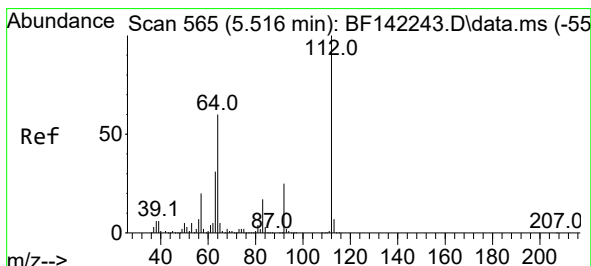
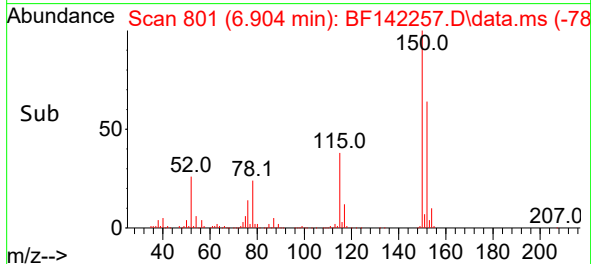
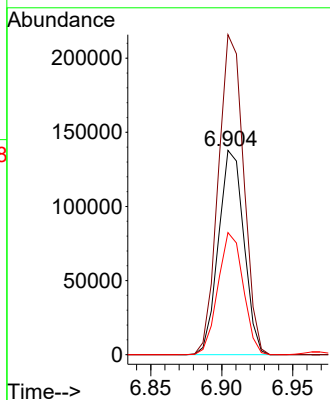
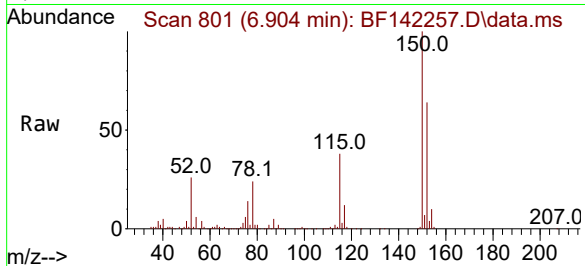




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

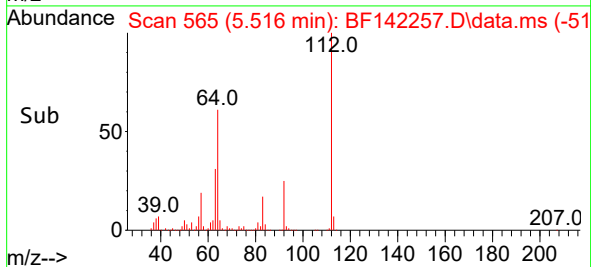
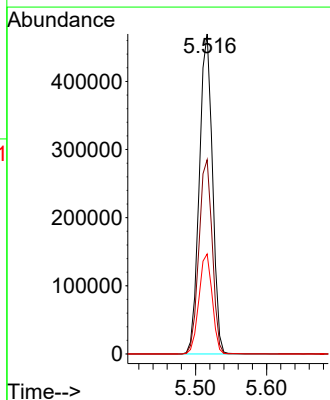
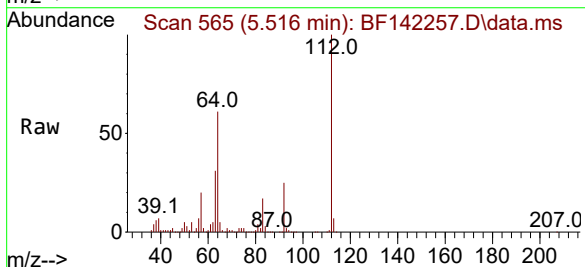
Instrument :
BNA_F
ClientSampleId :
TW-WTS-07

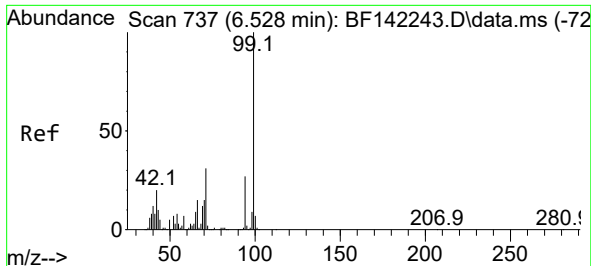
Tgt Ion:152 Resp: 170973
Ion Ratio Lower Upper
152 100
150 156.7 130.2 195.2
115 59.7 47.0 70.4



#5
2-Fluorophenol
Concen: 56.678 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.000 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

Tgt Ion:112 Resp: 606766
Ion Ratio Lower Upper
112 100
64 60.7 48.4 72.6
63 31.3 24.8 37.2

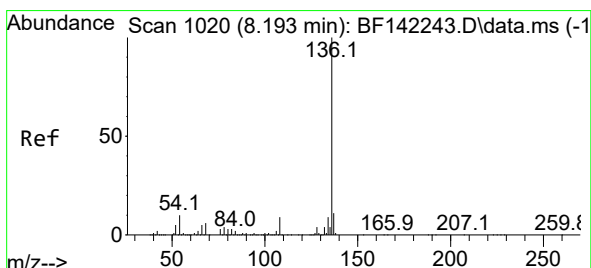
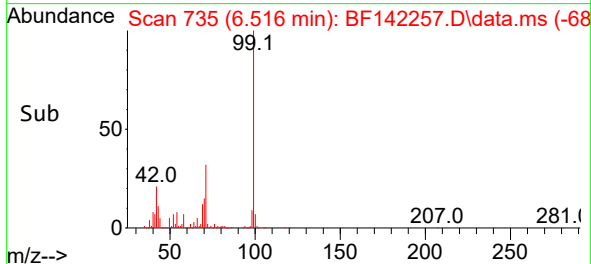
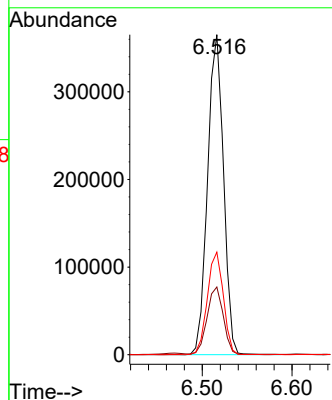
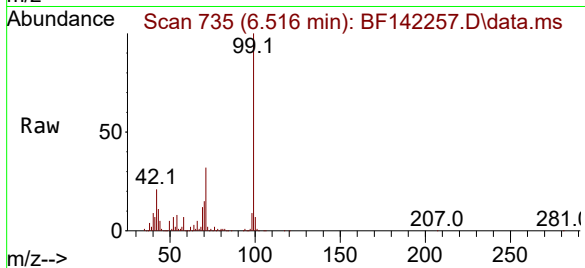




#7
Phenol-d6
Concen: 34.841 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

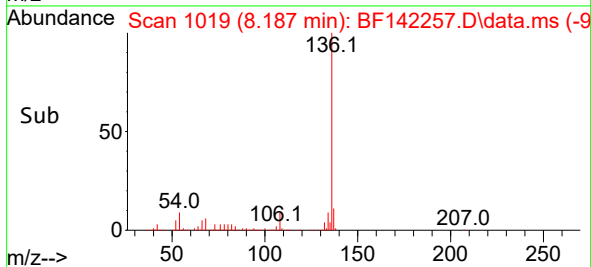
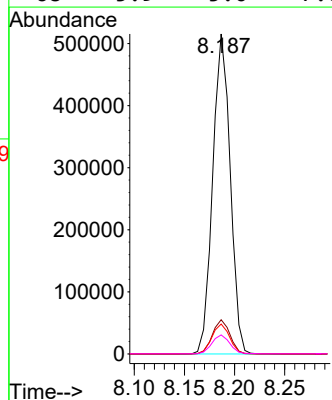
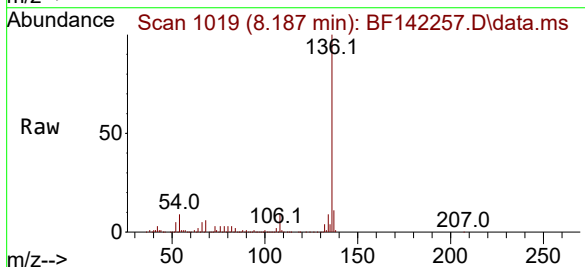
Instrument :
BNA_F
ClientSampleId :
TW-WTS-07

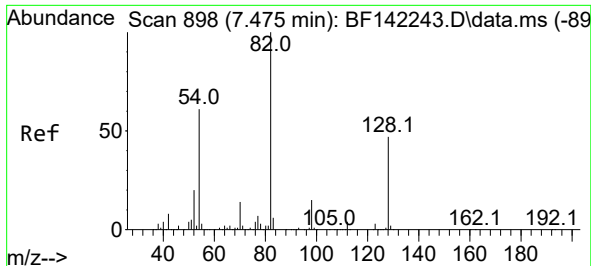
Tgt Ion: 99 Resp: 450416
Ion Ratio Lower Upper
99 100
42 21.1 16.3 24.5
71 32.0 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

Tgt Ion: 136 Resp: 625395
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 9.3 7.7 11.5
68 5.9 5.0 7.6





#23

Nitrobenzene-d5

Concen: 81.761 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142257.D

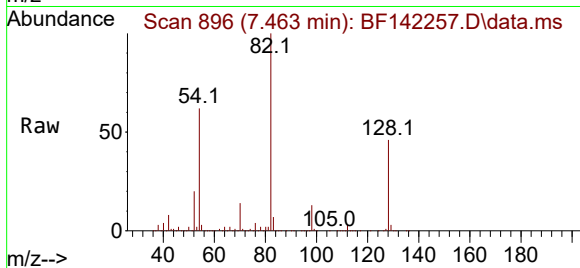
Acq: 01 May 2025 13:40

Instrument :

BNA_F

ClientSampleId :

TW-WTS-07



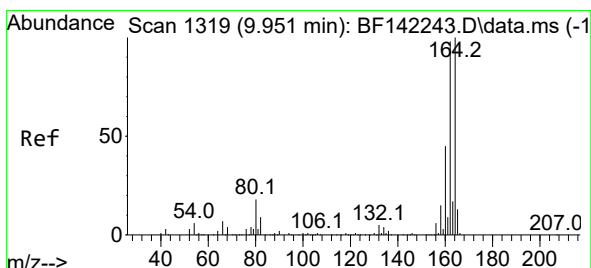
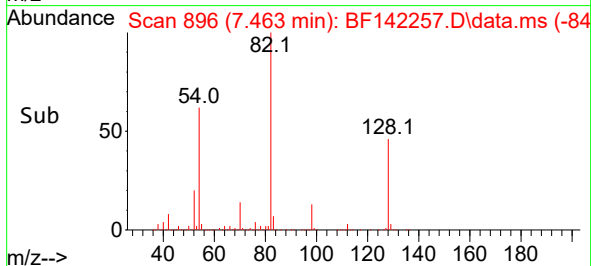
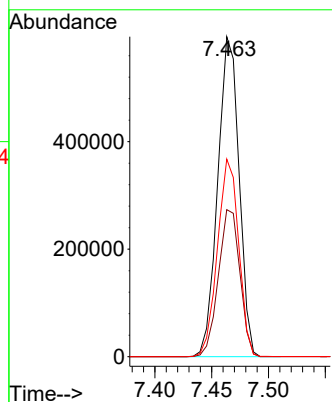
Tgt Ion: 82 Resp: 778309

Ion Ratio Lower Upper

82 100

128 45.9 37.0 55.6

54 61.8 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: BF142257.D

Acq: 01 May 2025 13:40

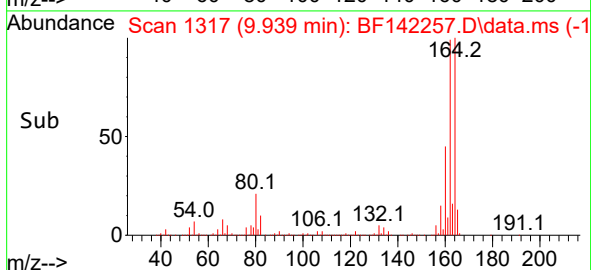
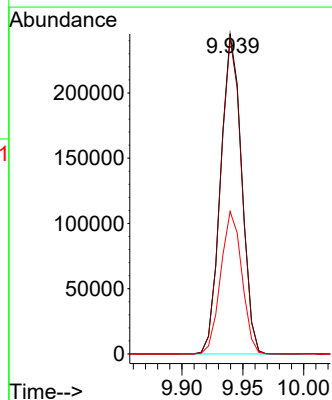
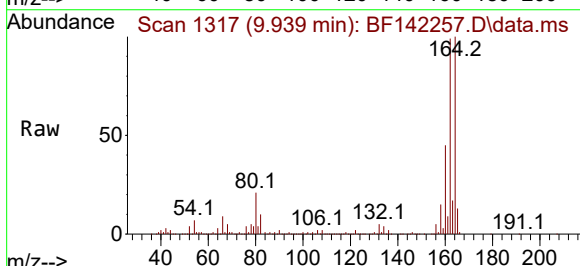
Tgt Ion:164 Resp: 293822

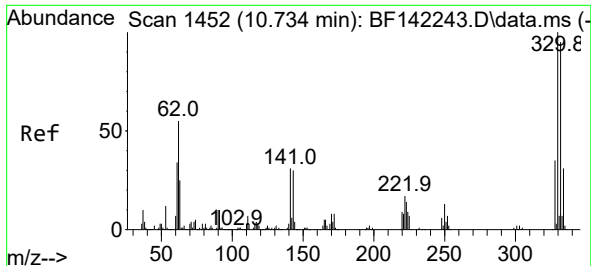
Ion Ratio Lower Upper

164 100

162 98.6 78.6 117.8

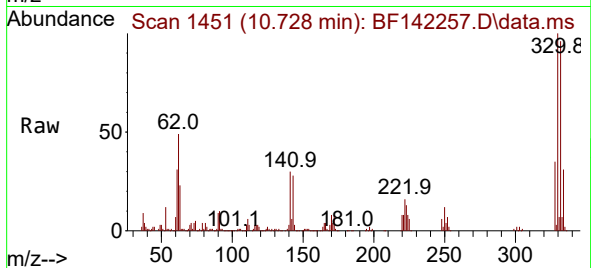
160 44.6 35.7 53.5



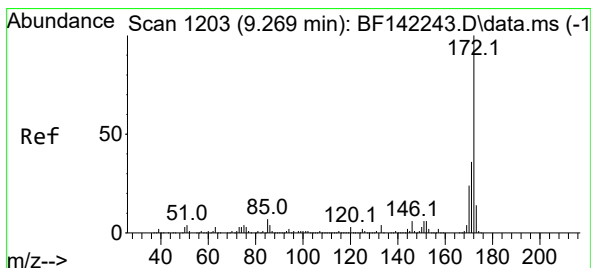
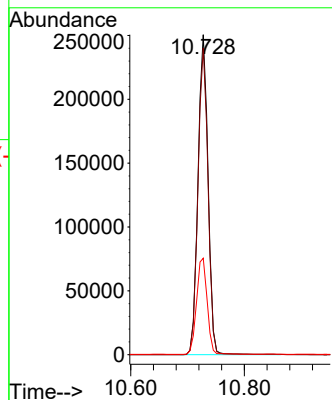
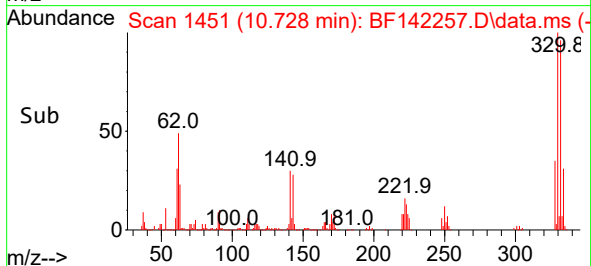


#42
2,4,6-Tribromophenol
Concen: 115.701 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

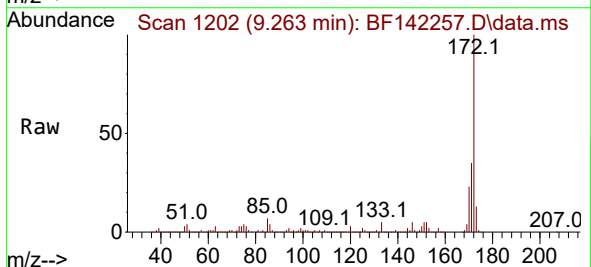
Instrument :
BNA_F
ClientSampleId :
TW-WTS-07



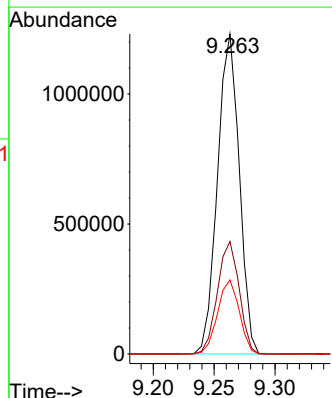
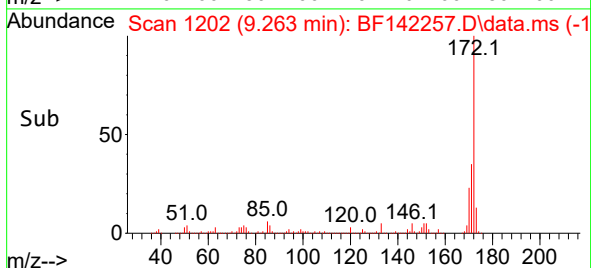
Tgt Ion:330 Resp: 309916
Ion Ratio Lower Upper
330 100
332 95.8 76.5 114.7
141 31.7 24.3 36.5

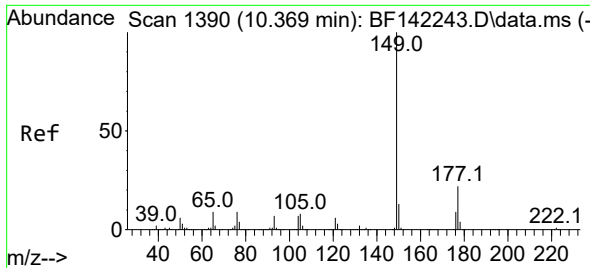


#45
2-Fluorobiphenyl
Concen: 73.523 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40



Tgt Ion:172 Resp: 1532141
Ion Ratio Lower Upper
172 100
171 35.2 29.0 43.4
170 23.2 19.4 29.0

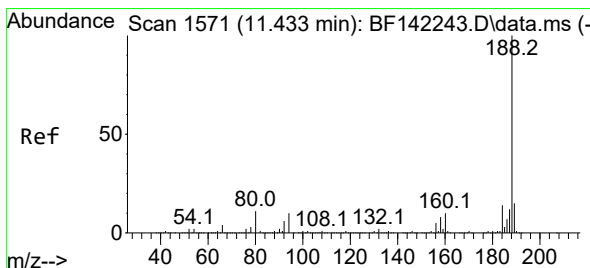
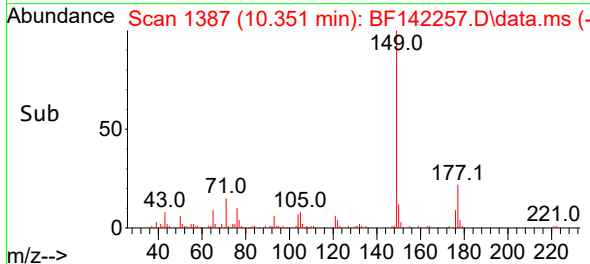
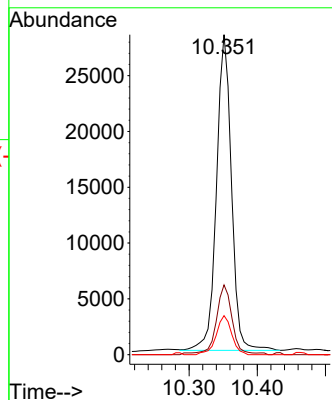
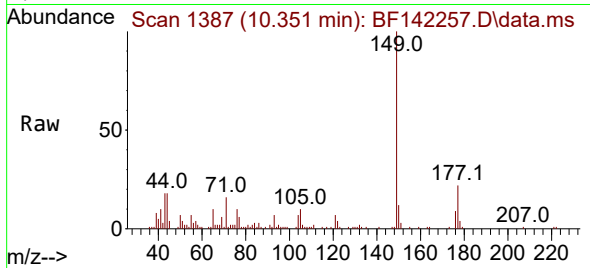




#60
Diethylphthalate
Concen: 2.332 ng
RT: 10.351 min Scan# 1
Delta R.T. -0.018 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

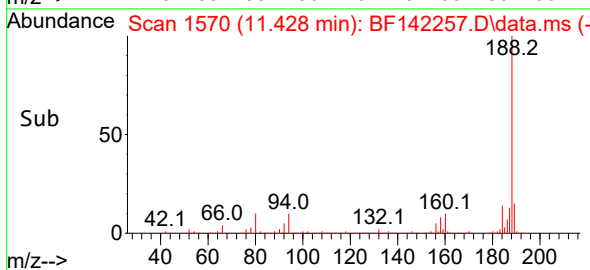
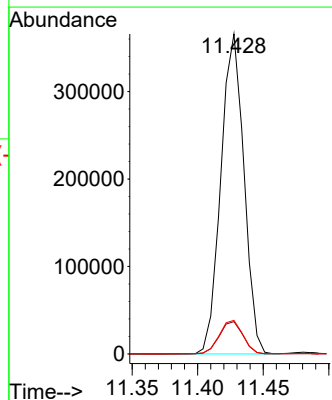
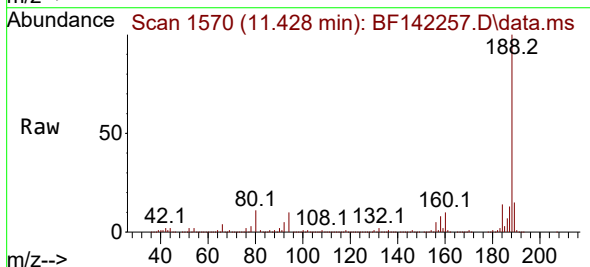
Instrument :
BNA_F
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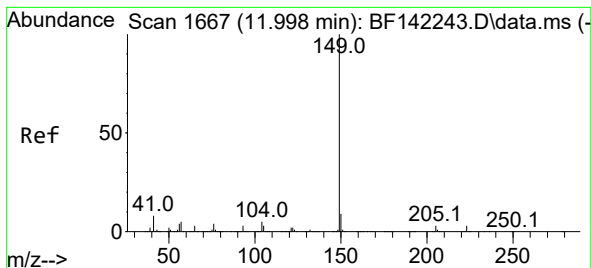
Tgt Ion:149 Resp: 43291
Ion Ratio Lower Upper
149 100
177 21.8 17.6 26.4
150 12.2 10.2 15.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142257.D
Acq: 01 May 2025 13:40

Tgt Ion:188 Resp: 447576
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.2
80 10.5 8.6 12.8





#74

Di-n-butylphthalate

Concen: 2.027 ng

RT: 11.986 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142257.D

Acq: 01 May 2025 13:40

Instrument :

BNA_F

ClientSampleId :

TW-WTS-07

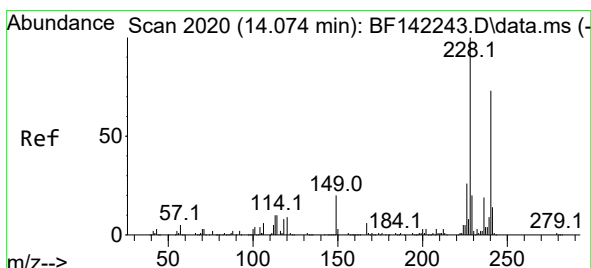
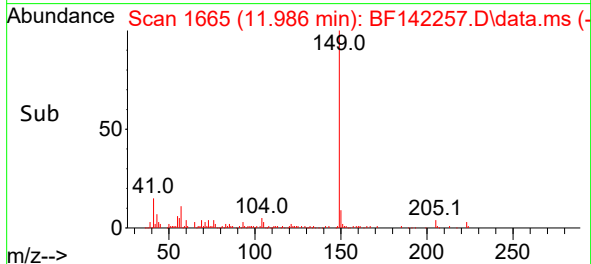
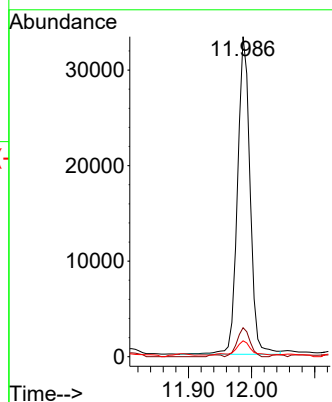
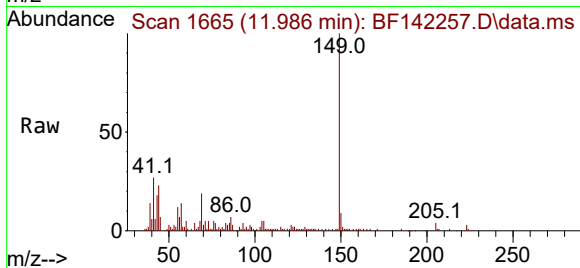
Tgt Ion:149 Resp: 45978

Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 5.0 3.6 5.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF142257.D

Acq: 01 May 2025 13:40

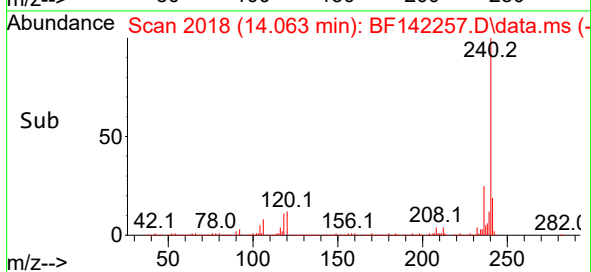
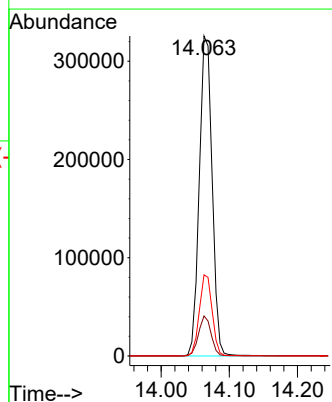
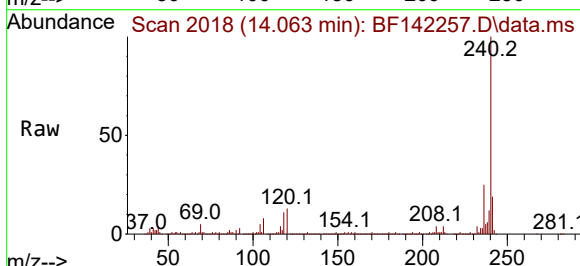
Tgt Ion:240 Resp: 427168

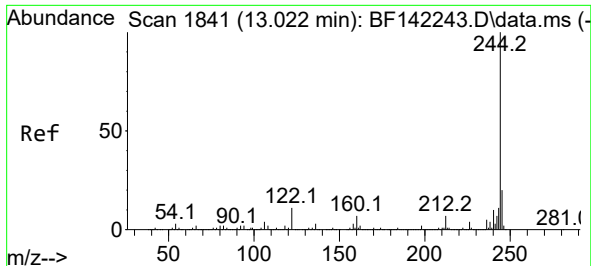
Ion Ratio Lower Upper

240 100

120 12.5 10.1 15.1

236 25.4 20.5 30.7

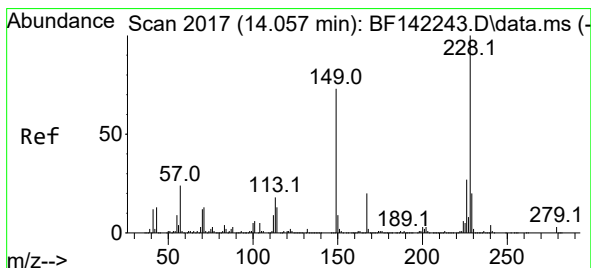
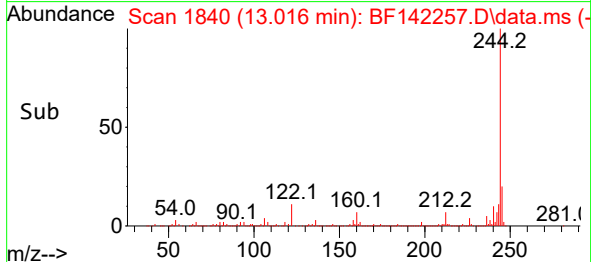
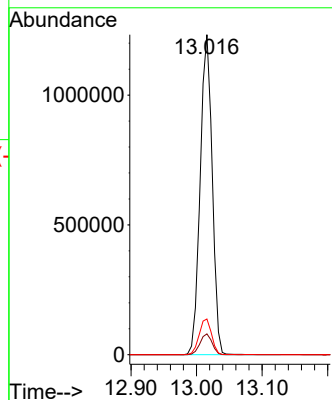
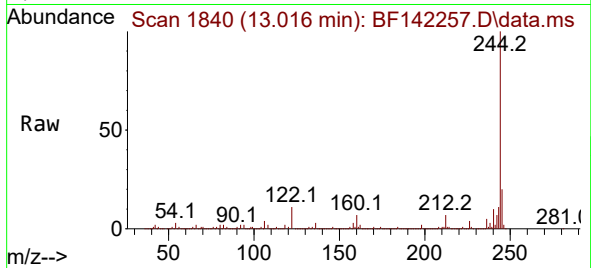




#79
 Terphenyl-d14
 Concen: 53.600 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142257.D
 Acq: 01 May 2025 13:40

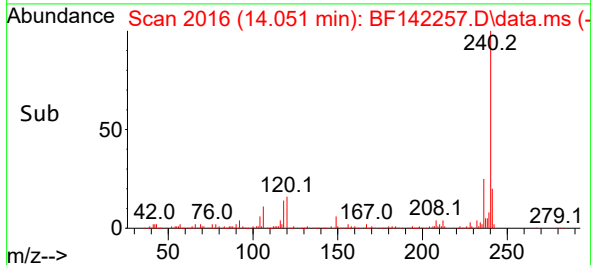
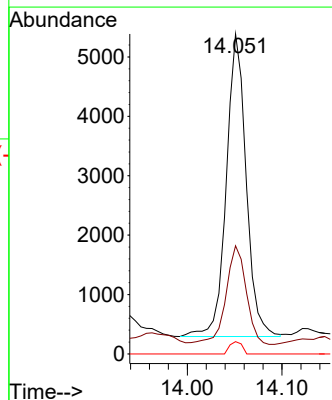
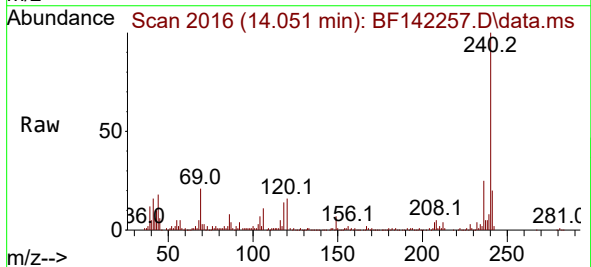
Instrument :
 BNA_F
 ClientSampleId :
 TW-WTS-07

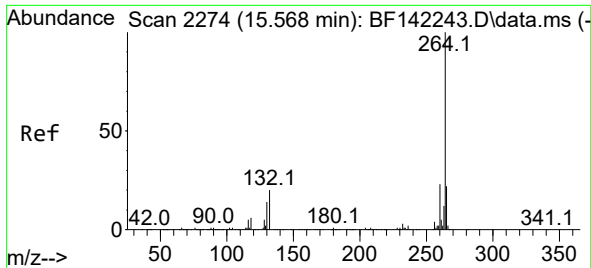
Tgt Ion:244 Resp: 1574266
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.3 7.9
 122 11.2 9.1 13.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.917 ng
 RT: 14.051 min Scan# 2016
 Delta R.T. -0.006 min
 Lab File: BF142257.D
 Acq: 01 May 2025 13:40

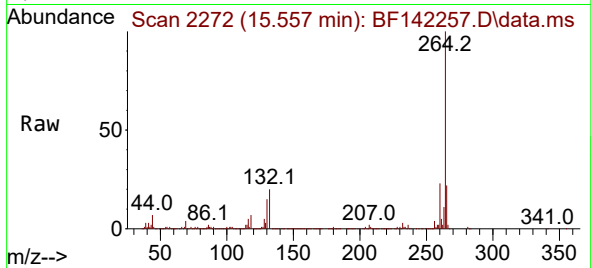
Tgt Ion:149 Resp: 7439
 Ion Ratio Lower Upper
 149 100
 167 33.8 21.7 32.5#
 279 3.8 3.0 4.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF142257.D
 Acq: 01 May 2025 13:40

Instrument :
 BNA_F
 ClientSampleId :
 TW-WTS-07



Tgt Ion:264 Resp: 440225
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 21.7 17.3 25.9

