

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142260.D
 Acq On : 01 May 2025 15:06
 Operator : RC/JU
 Sample : Q1913-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-13-A-202504

Quant Time: May 01 16:06:15 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)

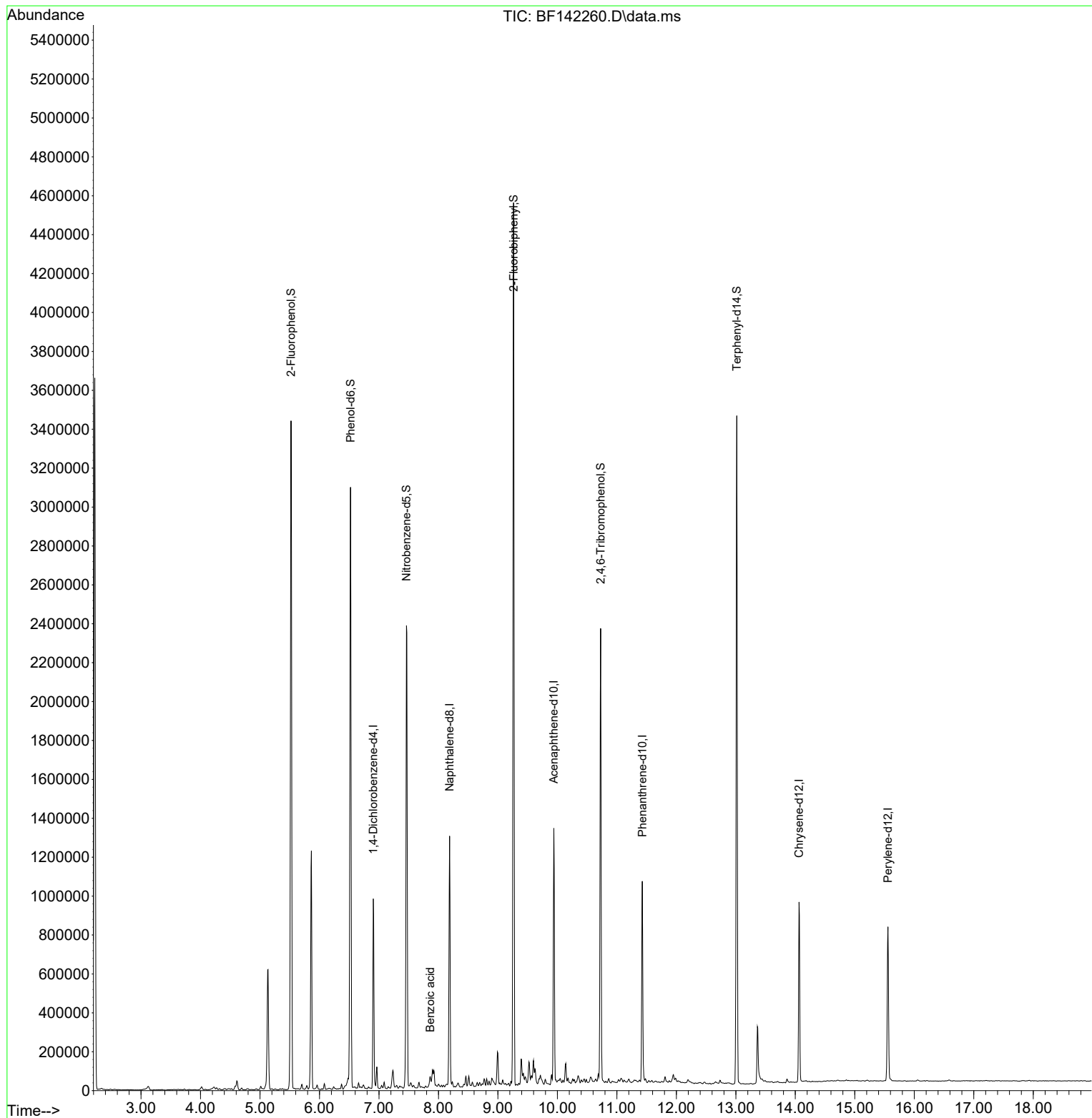
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	204789	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	767468	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	376081	20.000	ng	-0.01
64) Phenanthrene-d10	11.428	188	513009	20.000	ng	0.00
76) Chrysene-d12	14.063	240	437449	20.000	ng	-0.01
86) Perylene-d12	15.557	264	449964	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1326202	103.425	ng	0.00
7) Phenol-d6	6.522	99	1488335	96.118	ng	0.00
23) Nitrobenzene-d5	7.463	82	1032163	88.356	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	393522	114.780	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1997930	74.904	ng	0.00
79) Terphenyl-d14	13.016	244	1664870	55.353	ng	0.00
Target Compounds						
32) Benzoic acid	7.863	122	12218	12.418	ng	Qvalue 92

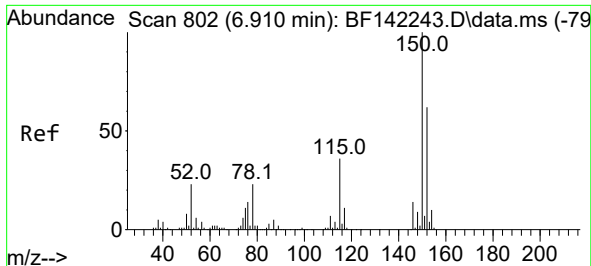
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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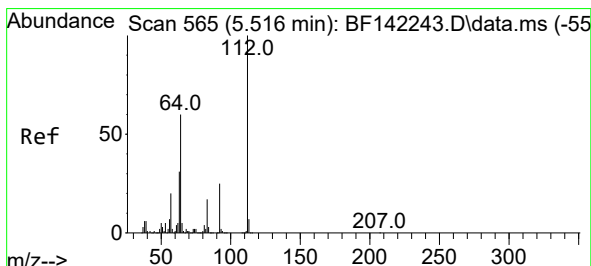
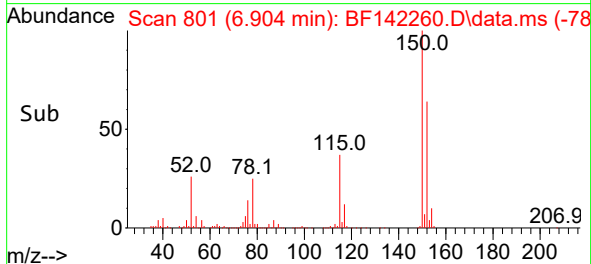
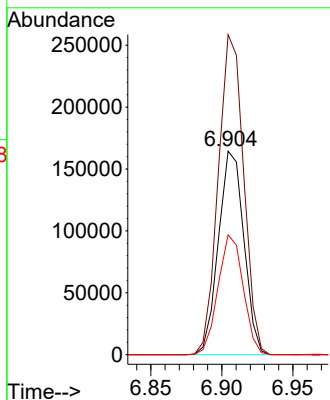
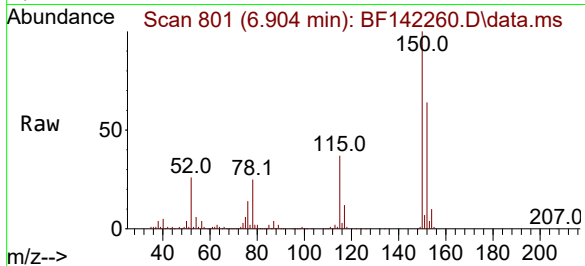




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142260.D
Acq: 01 May 2025 15:06

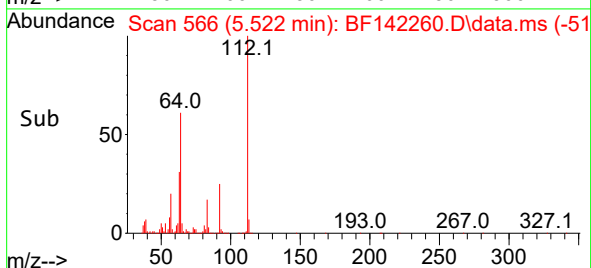
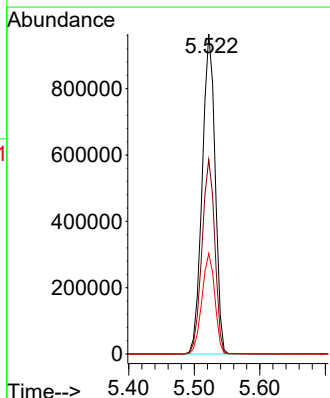
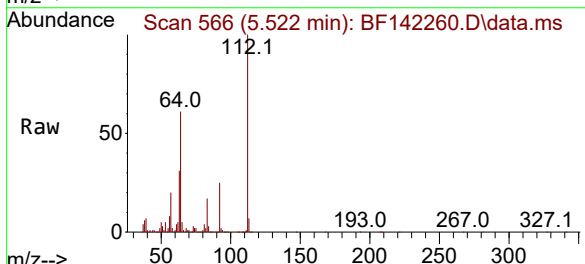
Instrument :
BNA_F
ClientSampleId :
WC-13-A-202504

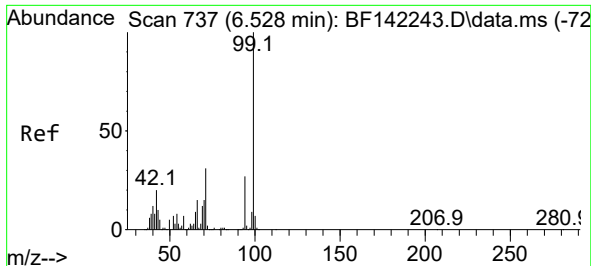
Tgt Ion:152 Resp: 204789
Ion Ratio Lower Upper
152 100
150 157.3 130.2 195.2
115 58.9 47.0 70.4



#5
2-Fluorophenol
Concen: 103.425 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142260.D
Acq: 01 May 2025 15:06

Tgt Ion:112 Resp: 1326202
Ion Ratio Lower Upper
112 100
64 60.8 48.4 72.6
63 31.4 24.8 37.2

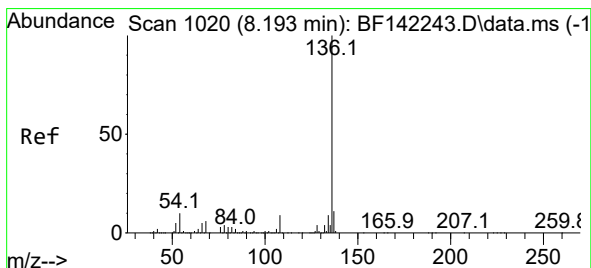
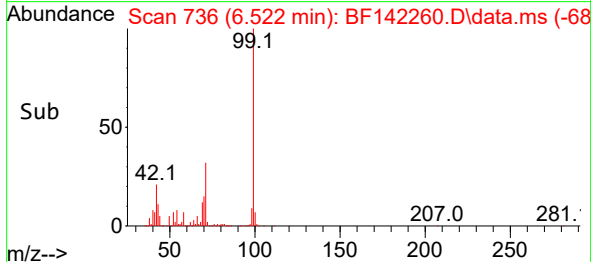
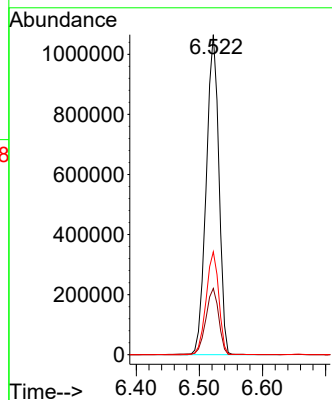
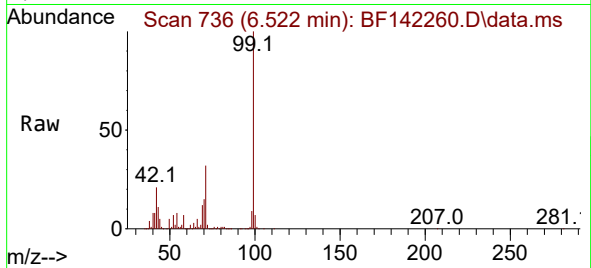




#7
Phenol-d6
Concen: 96.118 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142260.D
Acq: 01 May 2025 15:06

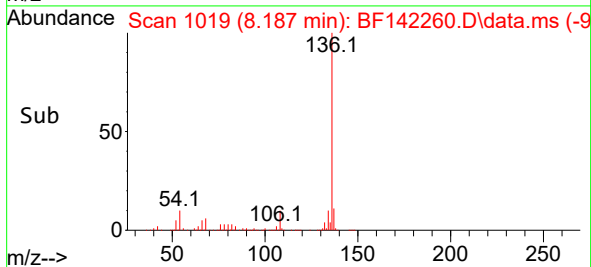
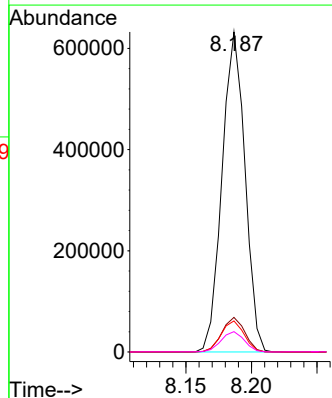
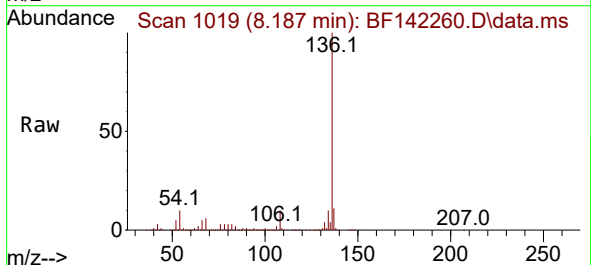
Instrument :
BNA_F
ClientSampleId :
WC-13-A-202504

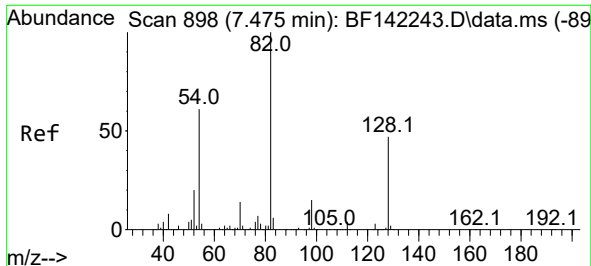
Tgt Ion: 99 Resp: 1488335
Ion Ratio Lower Upper
99 100
42 20.7 16.3 24.5
71 32.2 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142260.D
Acq: 01 May 2025 15:06

Tgt Ion: 136 Resp: 767468
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 9.7 7.7 11.5
68 6.4 5.0 7.6





#23

Nitrobenzene-d5

Concen: 88.356 ng

RT: 7.463 min Scan# 898

Delta R.T. -0.012 min

Lab File: BF142260.D

Acq: 01 May 2025 15:06

Instrument :

BNA_F

ClientSampleId :

WC-13-A-202504

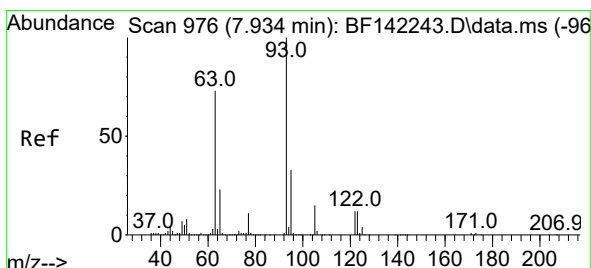
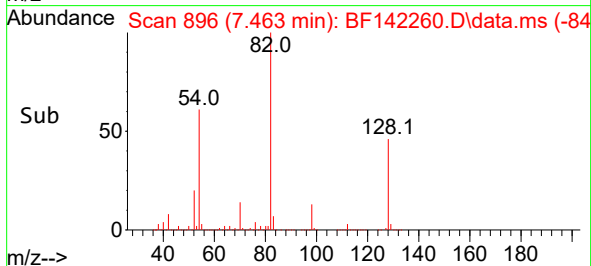
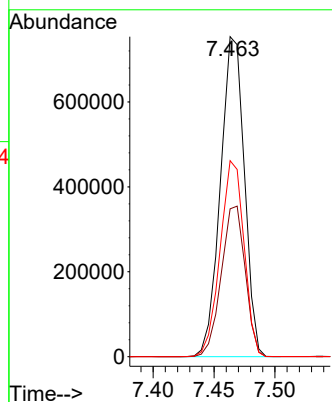
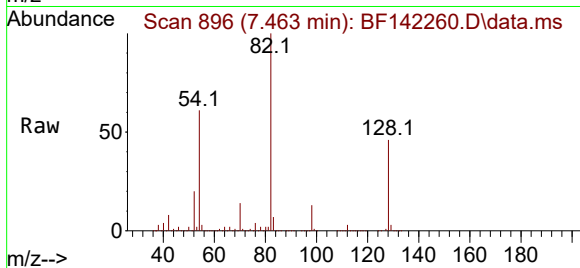
Tgt Ion: 82 Resp: 1032163

Ion Ratio Lower Upper

82 100

128 46.2 37.0 55.6

54 61.2 48.0 72.0



#32

Benzoic acid

Concen: 12.418 ng

RT: 7.863 min Scan# 964

Delta R.T. -0.071 min

Lab File: BF142260.D

Acq: 01 May 2025 15:06

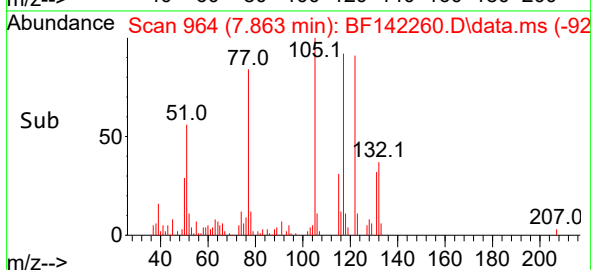
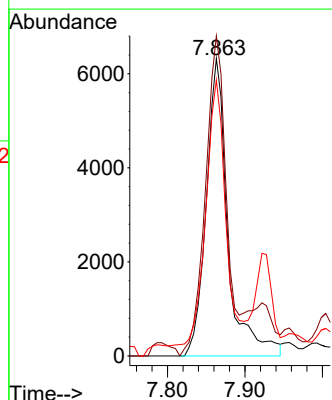
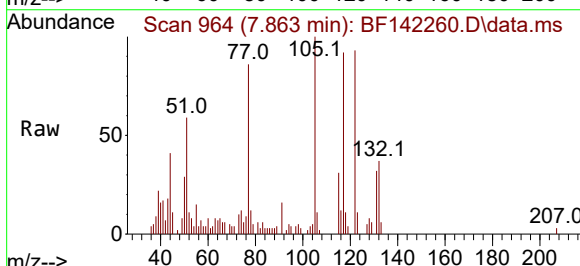
Tgt Ion:122 Resp: 12218

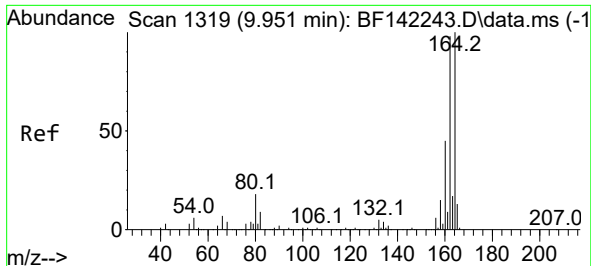
Ion Ratio Lower Upper

122 100

105 107.6 98.2 138.2

77 92.7 66.8 106.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142260.D

Acq: 01 May 2025 15:06

Instrument :

BNA_F

ClientSampleId :

WC-13-A-202504

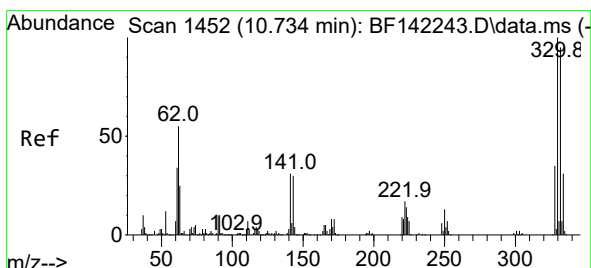
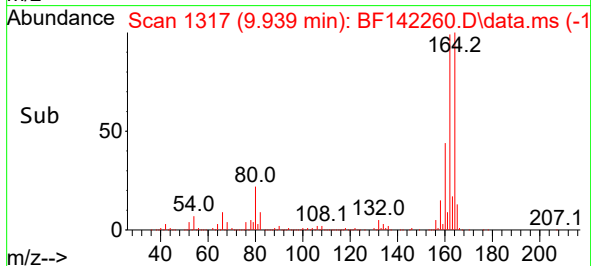
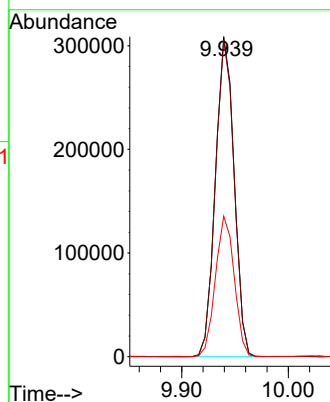
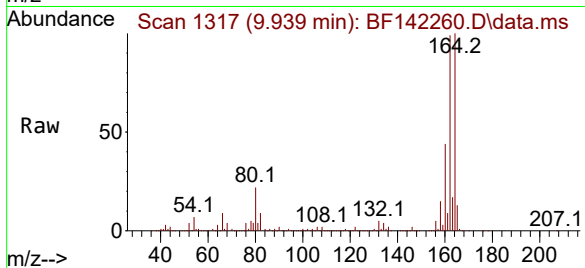
Tgt Ion:164 Resp: 376081

Ion Ratio Lower Upper

164 100

162 98.9 78.6 117.8

160 43.9 35.7 53.5



#42

2,4,6-Tribromophenol

Concen: 114.780 ng

RT: 10.728 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142260.D

Acq: 01 May 2025 15:06

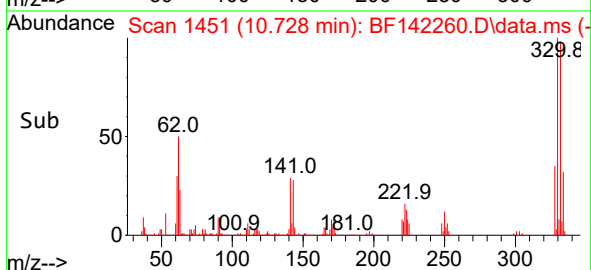
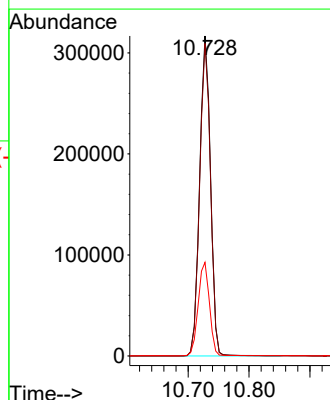
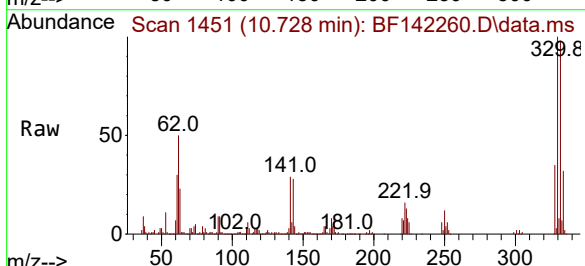
Tgt Ion:330 Resp: 393522

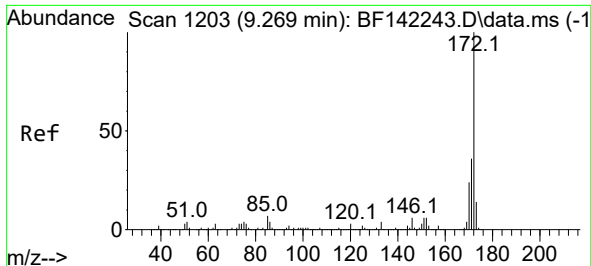
Ion Ratio Lower Upper

330 100

332 97.4 76.5 114.7

141 30.1 24.3 36.5

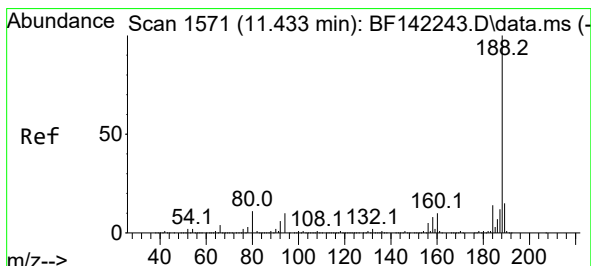
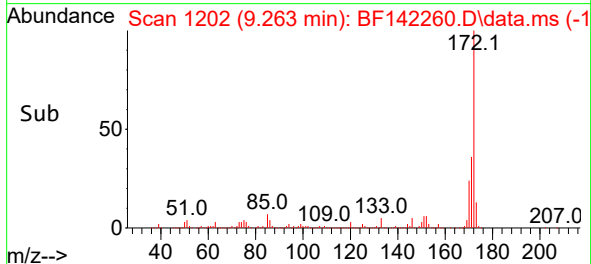
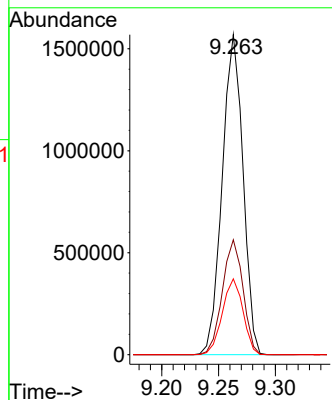
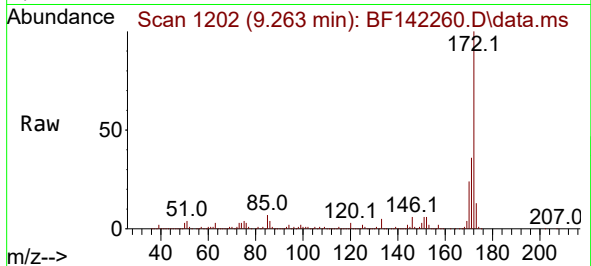




#45
2-Fluorobiphenyl
Concen: 74.904 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142260.D
Acq: 01 May 2025 15:06

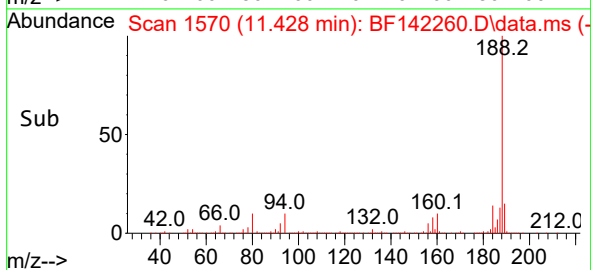
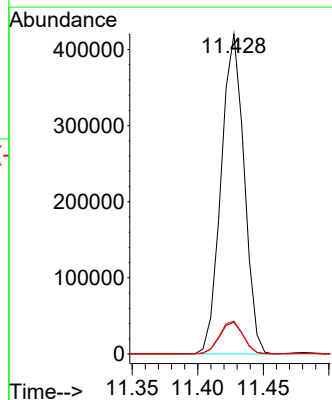
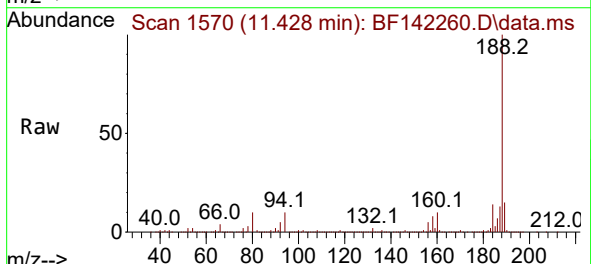
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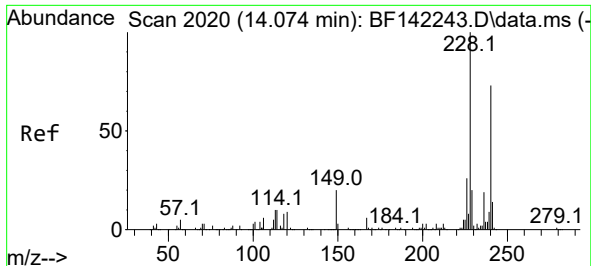
Tgt Ion:172 Resp: 1997930
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 23.7 19.4 29.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142260.D
Acq: 01 May 2025 15:06

Tgt Ion:188 Resp: 513009
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 10.3 8.6 12.8

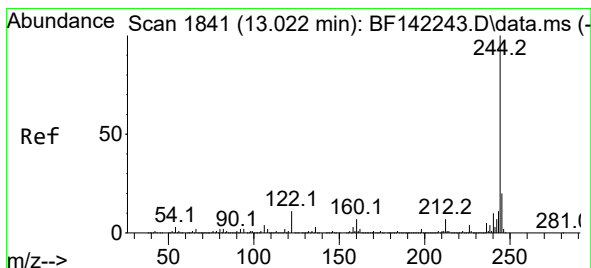
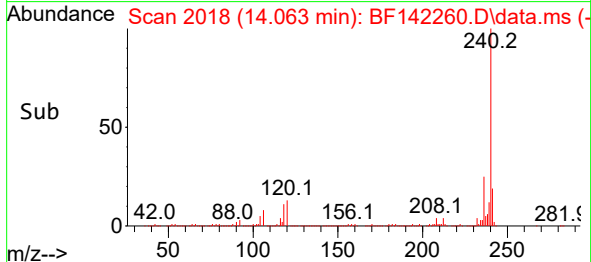
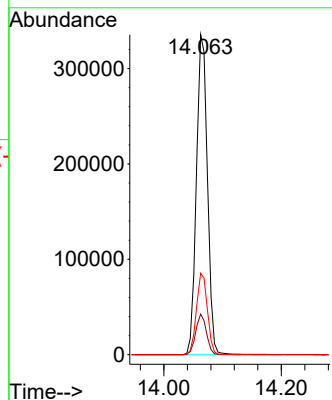
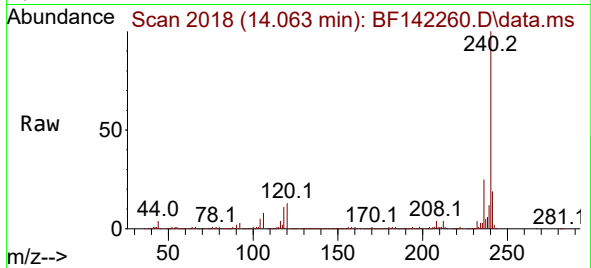




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF142260.D
Acq: 01 May 2025 15:06

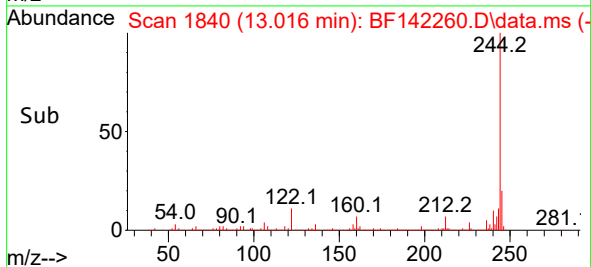
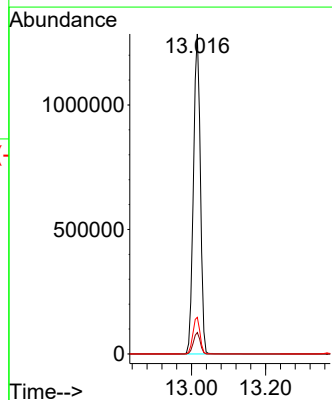
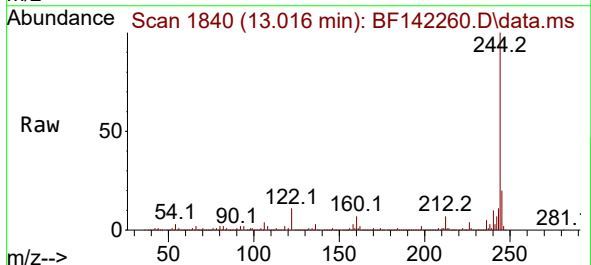
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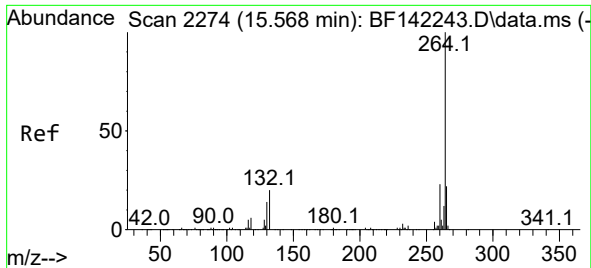
Tgt Ion:240 Resp: 437449
Ion Ratio Lower Upper
240 100
120 12.7 10.1 15.1
236 25.5 20.5 30.7



#79
Terphenyl-d14
Concen: 55.353 ng
RT: 13.016 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BF142260.D
Acq: 01 May 2025 15:06

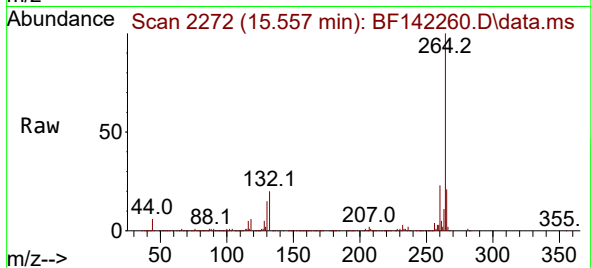
Tgt Ion:244 Resp: 1664870
Ion Ratio Lower Upper
244 100
212 6.7 5.3 7.9
122 11.4 9.1 13.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142260.D
Acq: 01 May 2025 15:06

Instrument :
BNA_F
ClientSampleId :
WC-13-A-202504



Tgt Ion:264 Resp: 449964
Ion Ratio Lower Upper
264 100
260 23.3 18.4 27.6
265 21.3 17.3 25.9

