

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142280.D
 Acq On : 02 May 2025 13:53
 Operator : RC/JU
 Sample : Q1901-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB02

Quant Time: May 02 14:22:23 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)

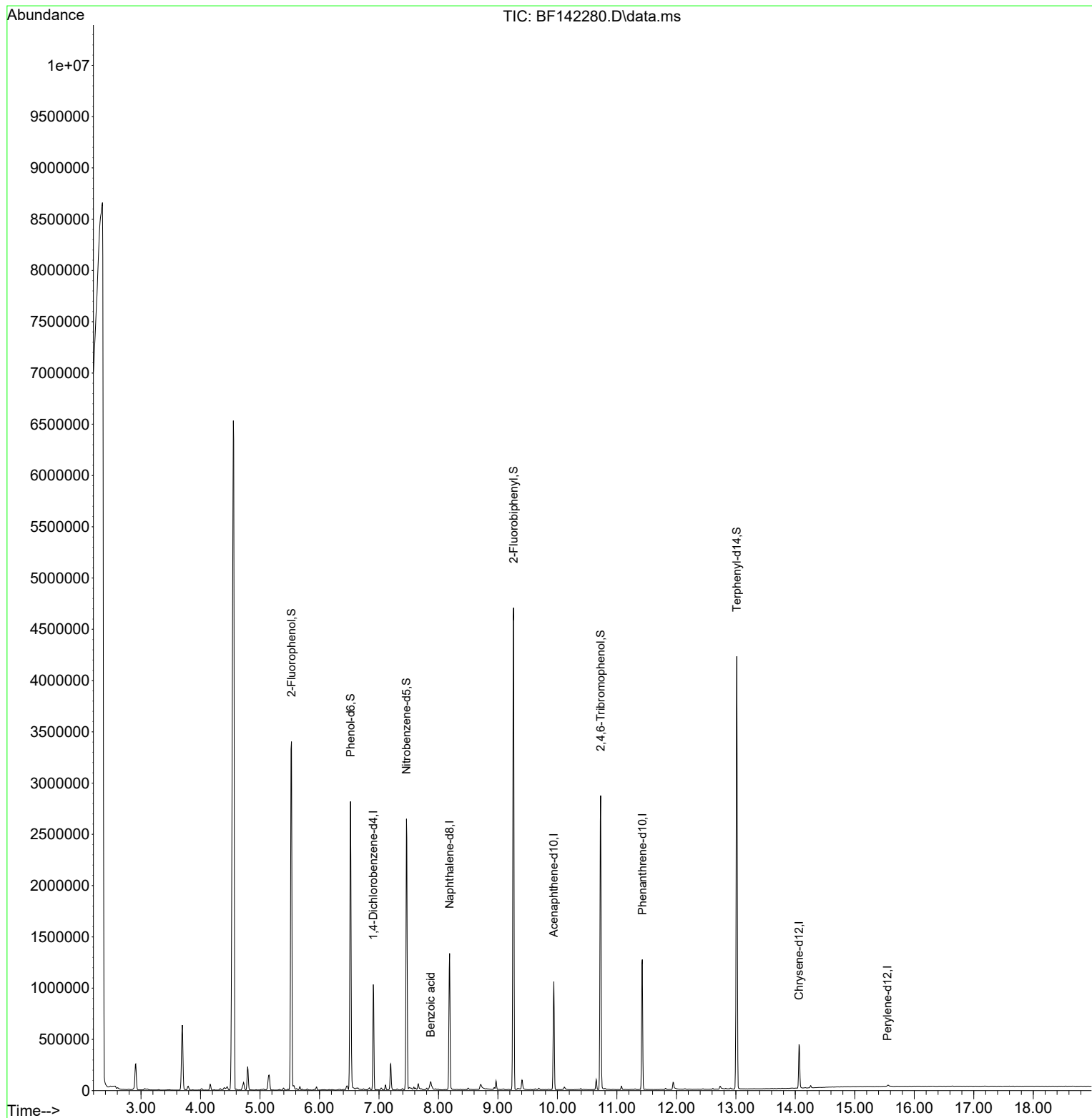
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	215163	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	812217	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	266125	20.000	ng	-0.01
64) Phenanthrene-d10	11.428	188	611583	20.000	ng	0.00
76) Chrysene-d12	14.063	240	154727	20.000	ng	-0.01
86) Perylene-d12	15.551	264	3229	20.000	ng	#-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1362221	101.112	ng	0.01
7) Phenol-d6	6.522	99	1145189	70.391	ng	0.00
23) Nitrobenzene-d5	7.463	82	1114602	90.156	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	514497	212.068	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2159177	114.396	ng	0.00
79) Terphenyl-d14	13.016	244	1928369	181.263	ng	0.00
Target Compounds						
32) Benzoic acid	7.869	122	28398	14.343	ng	Qvalue 100

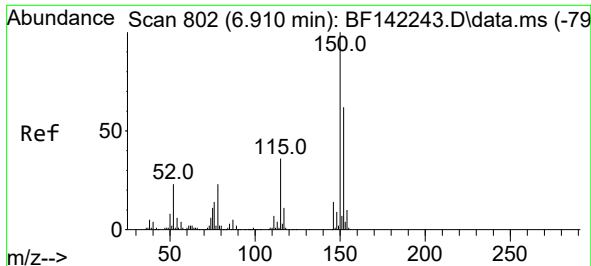
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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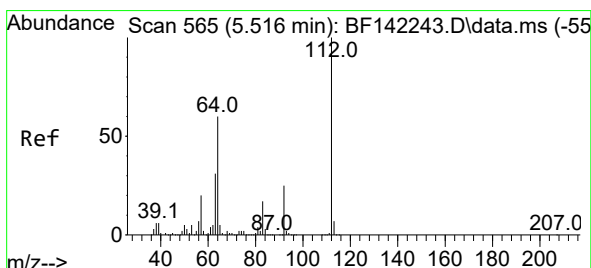
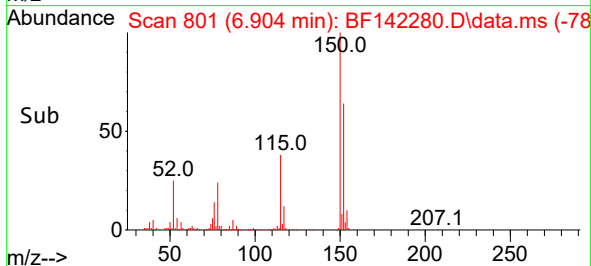
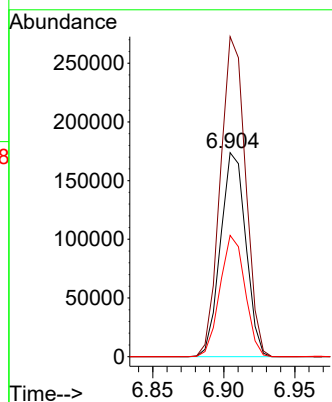
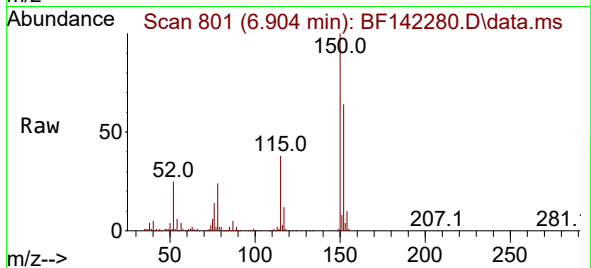




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 802
 Delta R.T. -0.006 min
 Lab File: BF142280.D
 Acq: 02 May 2025 13:53

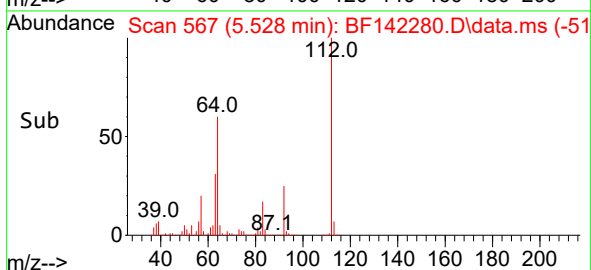
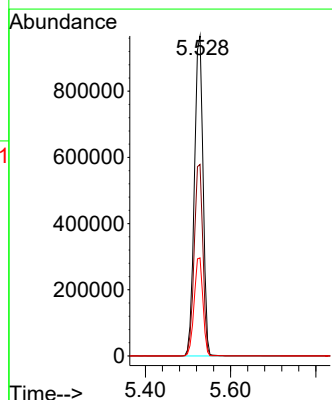
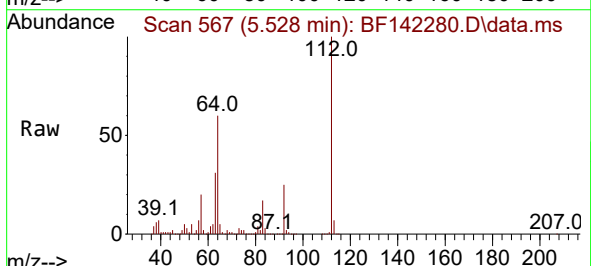
Instrument :
 BNA_F
 ClientSampleId :
 B-167-SB02

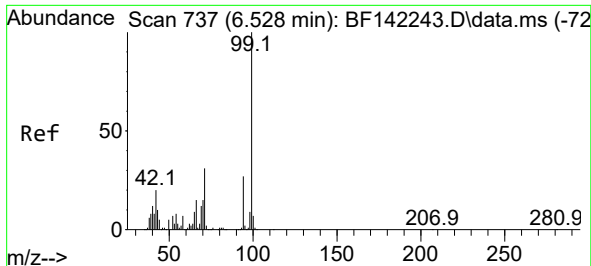
Tgt Ion:152 Resp: 215163
 Ion Ratio Lower Upper
 152 100
 150 156.8 130.2 195.2
 115 59.4 47.0 70.4



#5
 2-Fluorophenol
 Concen: 101.112 ng
 RT: 5.528 min Scan# 567
 Delta R.T. 0.012 min
 Lab File: BF142280.D
 Acq: 02 May 2025 13:53

Tgt Ion:112 Resp: 1362221
 Ion Ratio Lower Upper
 112 100
 64 59.8 48.4 72.6
 63 30.7 24.8 37.2

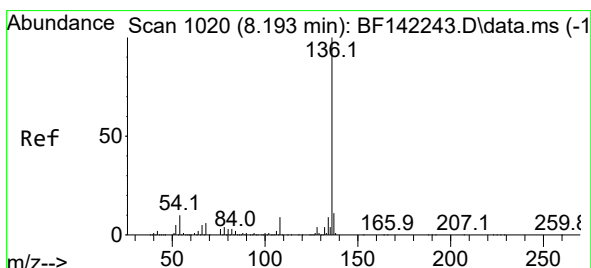
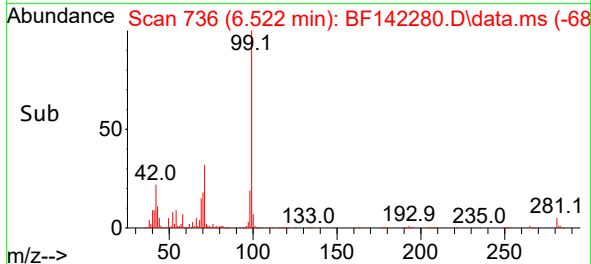
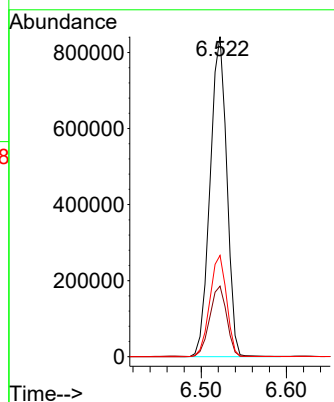
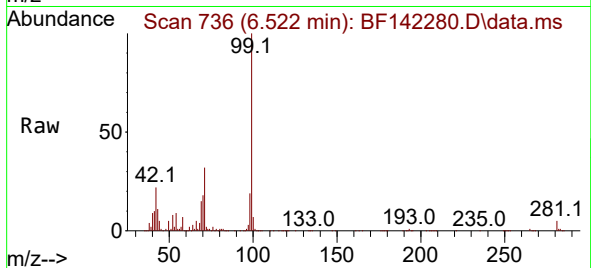




#7
Phenol-d6
Concen: 70.391 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142280.D
Acq: 02 May 2025 13:53

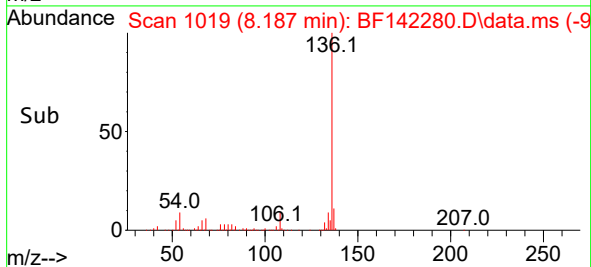
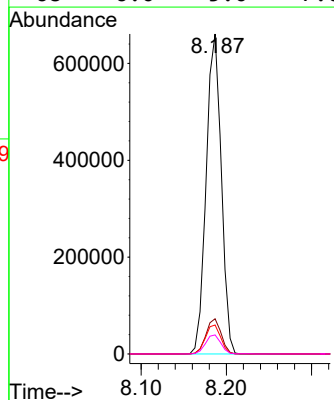
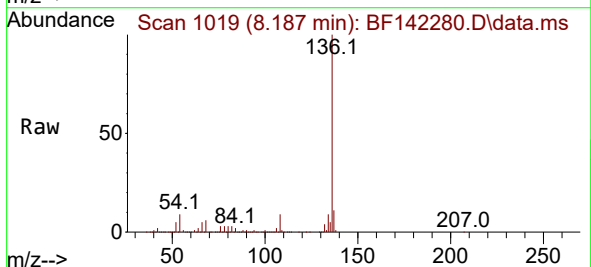
Instrument :
BNA_F
ClientSampleId :
B-167-SB02

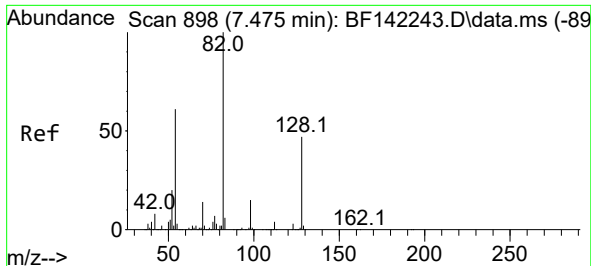
Tgt Ion: 99 Resp: 1145189
Ion Ratio Lower Upper
99 100
42 22.1 16.3 24.5
71 31.6 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142280.D
Acq: 02 May 2025 13:53

Tgt Ion: 136 Resp: 812217
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.0 7.7 11.5
68 6.0 5.0 7.6





#23

Nitrobenzene-d5

Concen: 90.156 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142280.D

Acq: 02 May 2025 13:53

Instrument :

BNA_F

ClientSampleId :

B-167-SB02

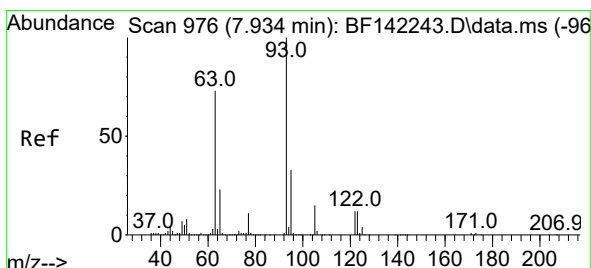
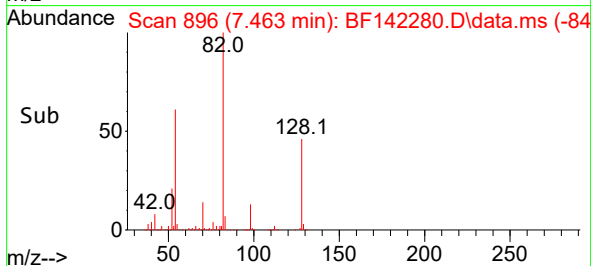
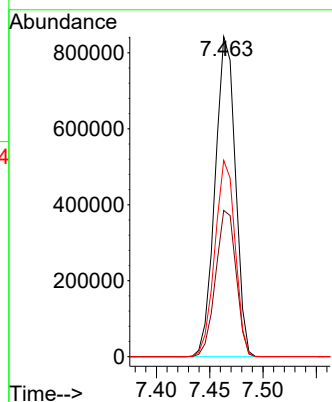
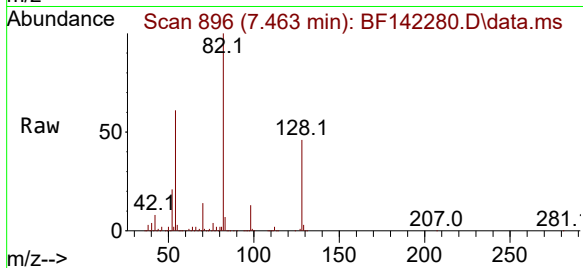
Tgt Ion: 82 Resp: 1114602

Ion Ratio Lower Upper

82 100

128 45.7 37.0 55.6

54 61.4 48.0 72.0



#32

Benzoic acid

Concen: 14.343 ng

RT: 7.869 min Scan# 965

Delta R.T. -0.065 min

Lab File: BF142280.D

Acq: 02 May 2025 13:53

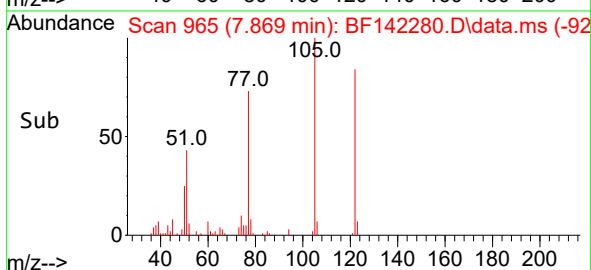
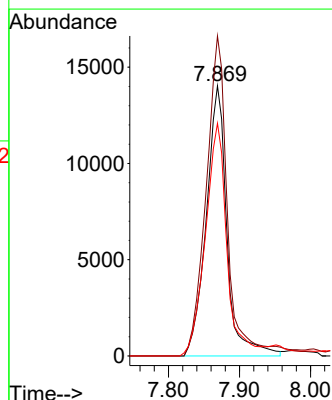
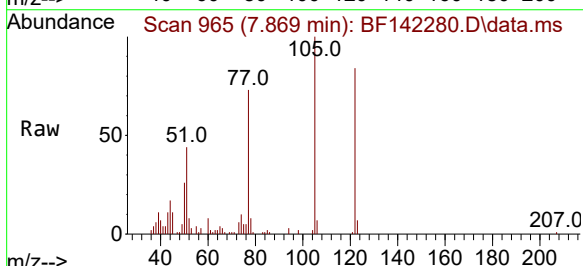
Tgt Ion:122 Resp: 28398

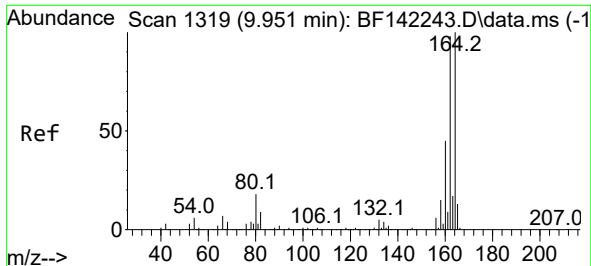
Ion Ratio Lower Upper

122 100

105 118.5 98.2 138.2

77 86.1 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: BF142280.D

Acq: 02 May 2025 13:53

Instrument :

BNA_F

ClientSampleId :

B-167-SB02

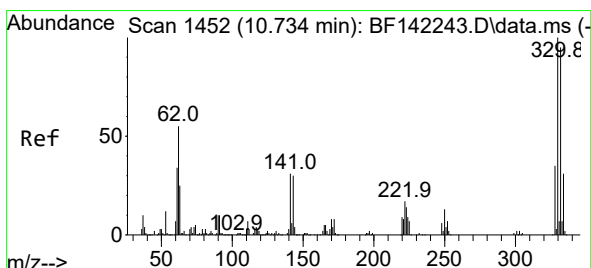
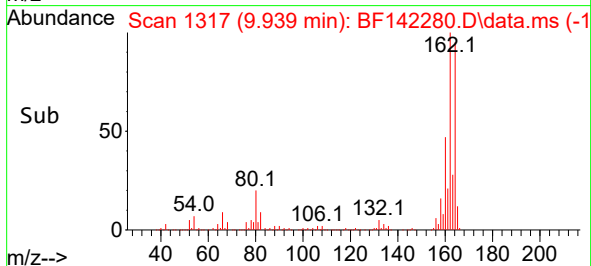
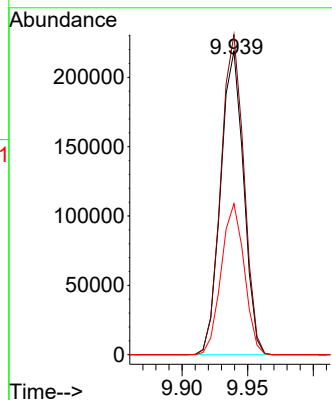
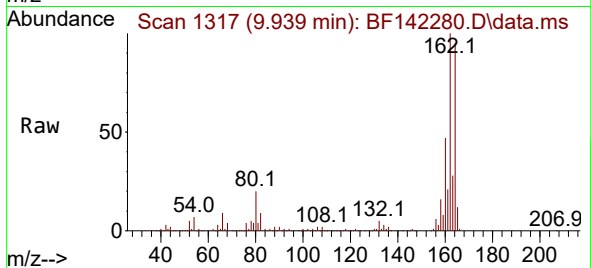
Tgt Ion:164 Resp: 266125

Ion Ratio Lower Upper

164 100

162 105.4 78.6 117.8

160 49.7 35.7 53.5



#42

2,4,6-Tribromophenol

Concen: 212.068 ng

RT: 10.728 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142280.D

Acq: 02 May 2025 13:53

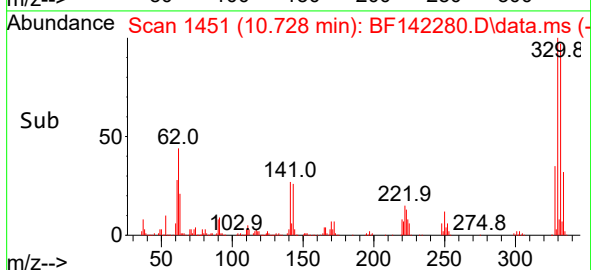
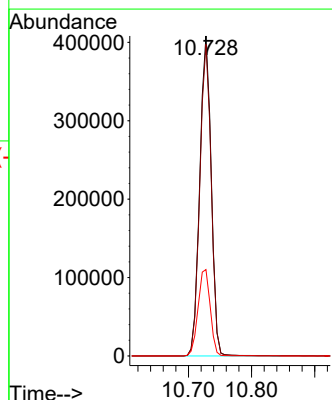
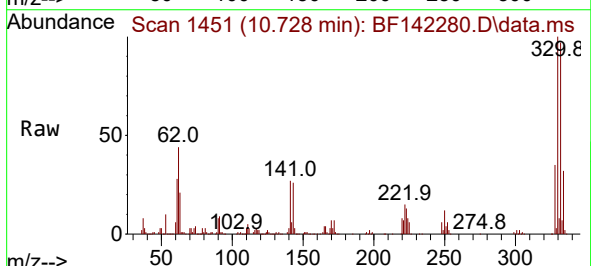
Tgt Ion:330 Resp: 514497

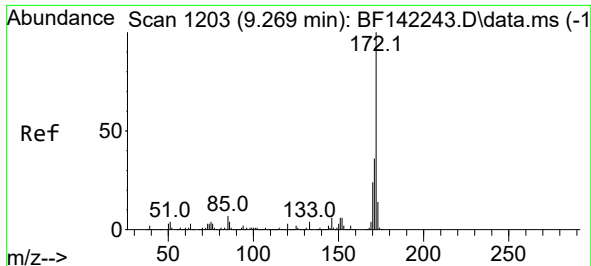
Ion Ratio Lower Upper

330 100

332 97.0 76.5 114.7

141 28.7 24.3 36.5

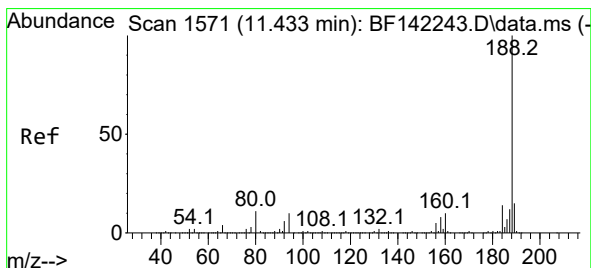
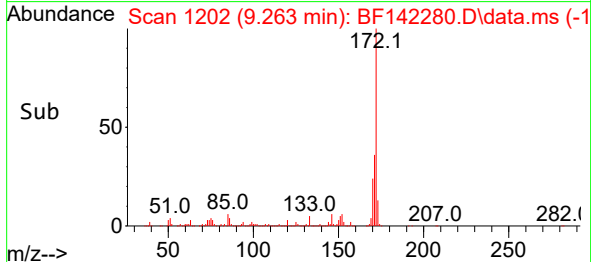
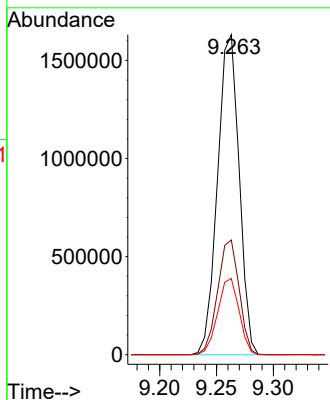
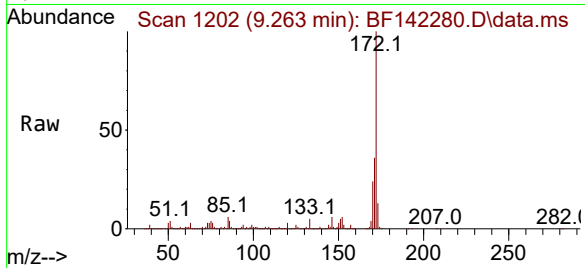




#45
2-Fluorobiphenyl
Concen: 114.396 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142280.D
Acq: 02 May 2025 13:53

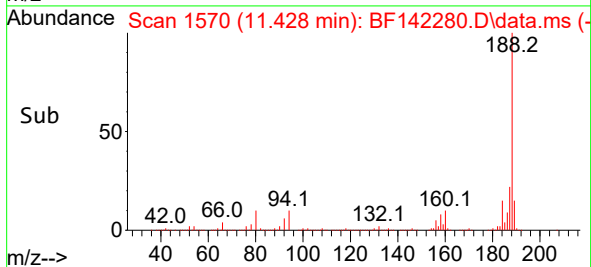
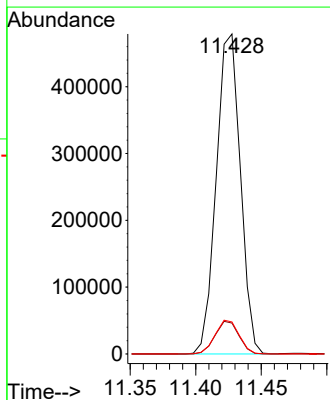
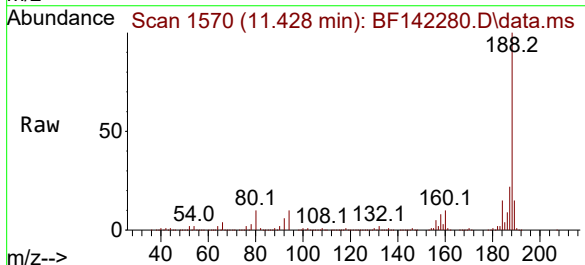
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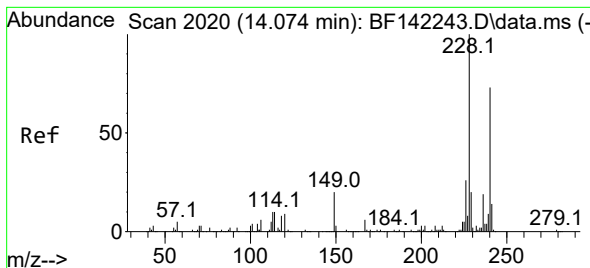
Tgt Ion:172 Resp: 2159177
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.4
170 23.8 19.4 29.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142280.D
Acq: 02 May 2025 13:53

Tgt Ion:188 Resp: 611583
Ion Ratio Lower Upper
188 100
94 9.6 8.2 12.2
80 10.0 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: BF142280.D

Acq: 02 May 2025 13:53

Instrument :

BNA_F

ClientSampleId :

B-167-SB02

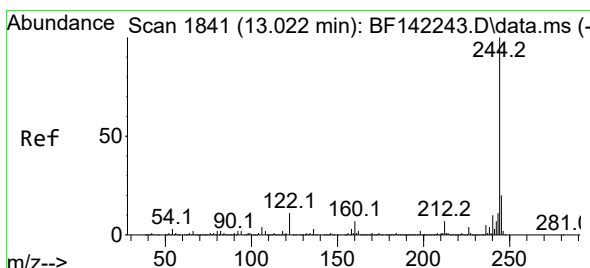
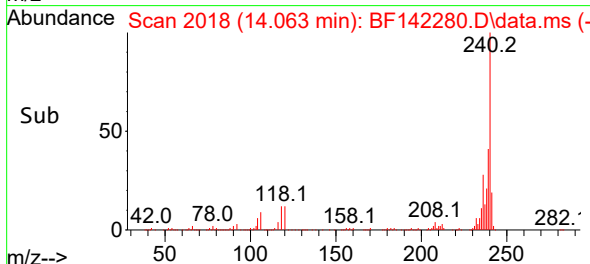
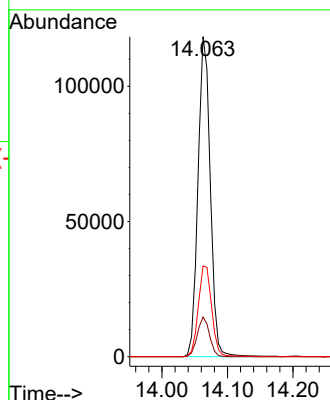
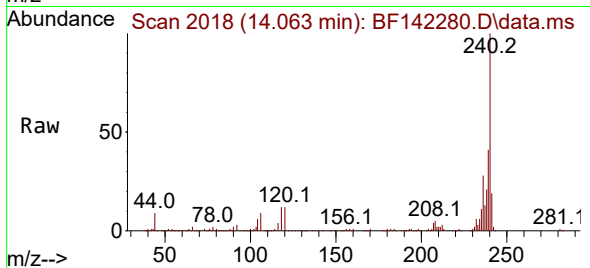
Tgt Ion:240 Resp: 154727

Ion Ratio Lower Upper

240 100

120 12.4 10.1 15.1

236 28.4 20.5 30.7



#79

Terphenyl-d14

Concen: 181.263 ng

RT: 13.016 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF142280.D

Acq: 02 May 2025 13:53

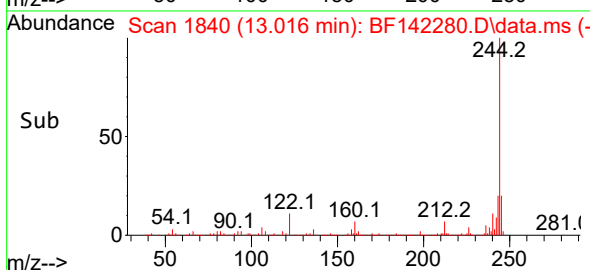
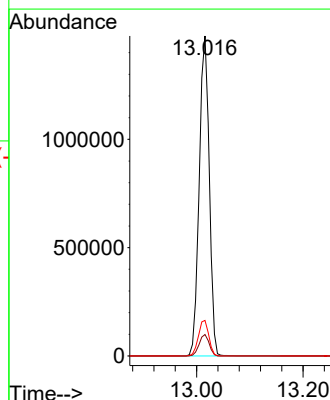
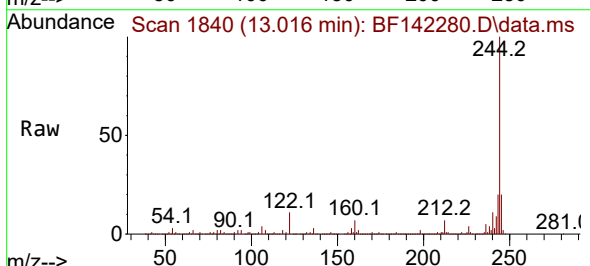
Tgt Ion:244 Resp: 1928369

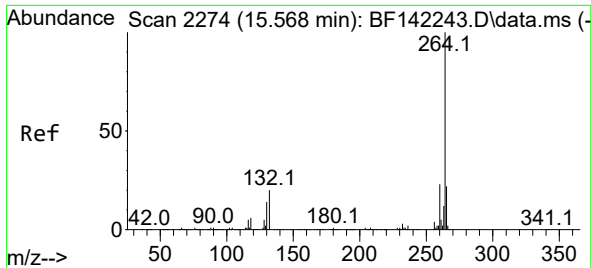
Ion Ratio Lower Upper

244 100

212 6.7 5.3 7.9

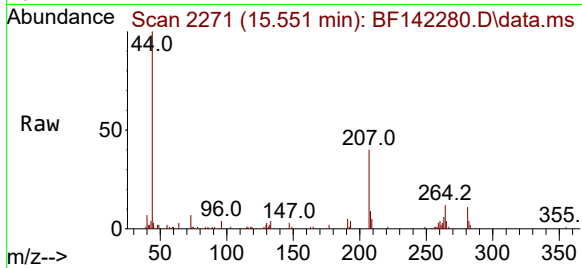
122 11.1 9.1 13.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF142280.D
 Acq: 02 May 2025 13:53

Instrument :
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Tgt Ion:264 Resp: 3229
 Ion Ratio Lower Upper
 264 100
 260 36.3 18.4 27.6#
 265 32.4 17.3 25.9#

