

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142282.D
 Acq On : 02 May 2025 14:51
 Operator : RC/JU
 Sample : Q1907-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CO-8R-WC

Quant Time: May 02 15:54:39 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	204938	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	707266	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	110377	20.000	ng	#-0.01
64) Phenanthrene-d10	11.427	188	263917	20.000	ng	0.00
76) Chrysene-d12	14.063	240	22813	20.000	ng	#-0.01
86) Perylene-d12	15.557	264	209	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1214358	94.634	ng	0.01
7) Phenol-d6	6.516	99	525562	33.916	ng	-0.01
23) Nitrobenzene-d5	7.463	82	986198	91.607	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	485793	482.781	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1981223	253.083	ng	0.00
79) Terphenyl-d14	13.016	244	656943	418.824	ng	0.00

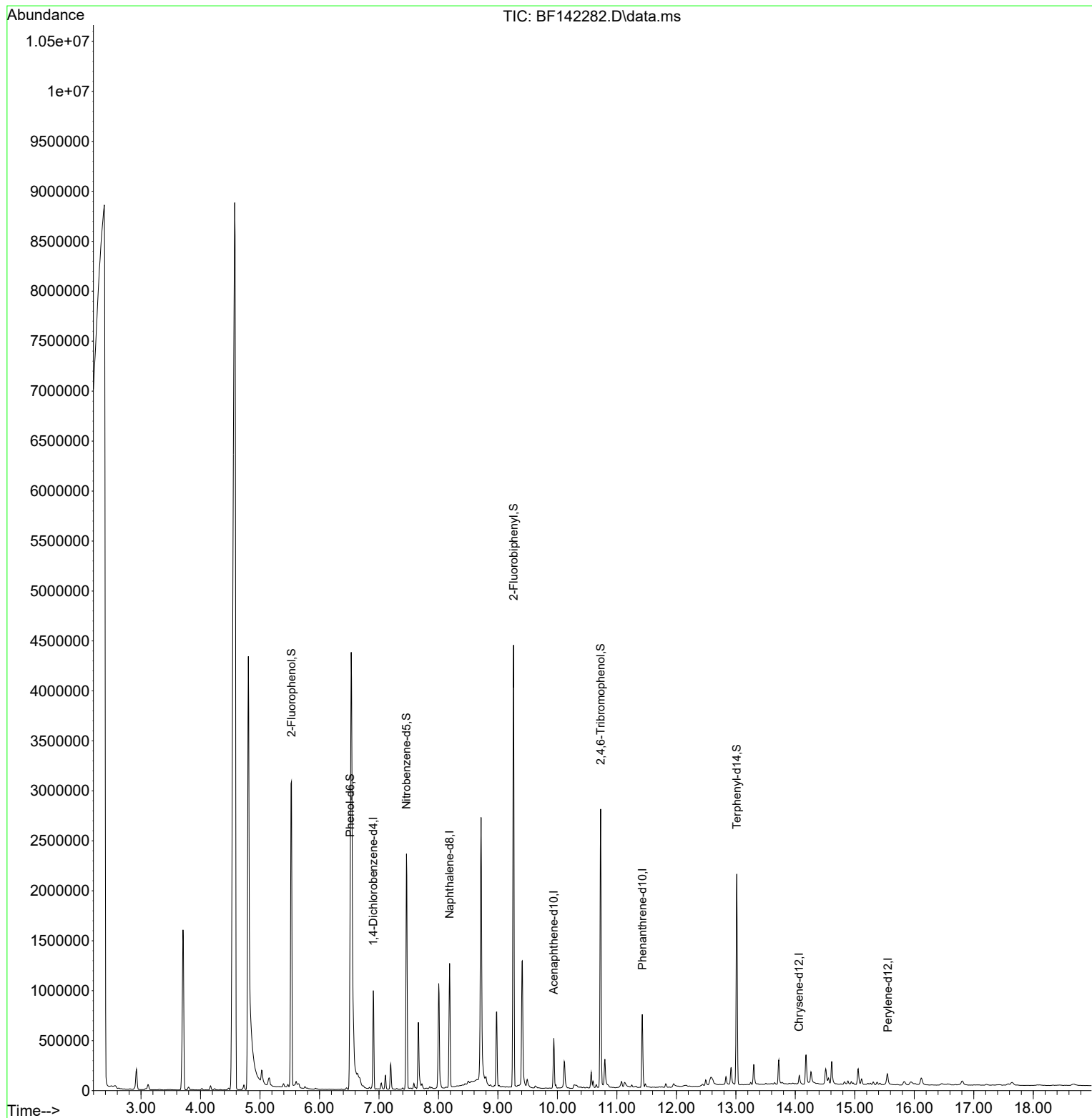
Target Compounds	Qvalue

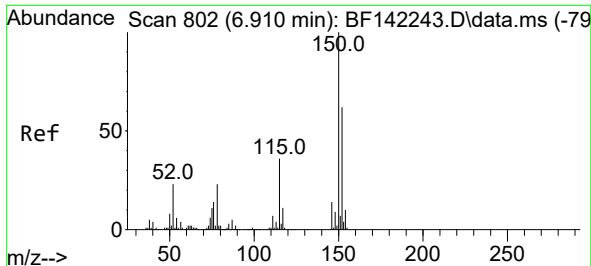
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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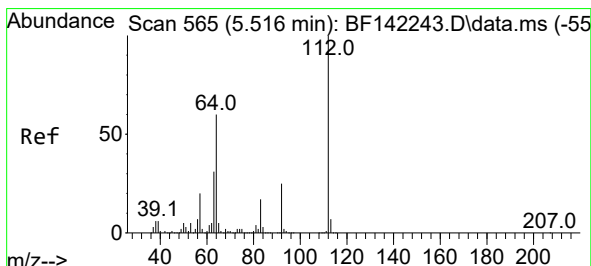
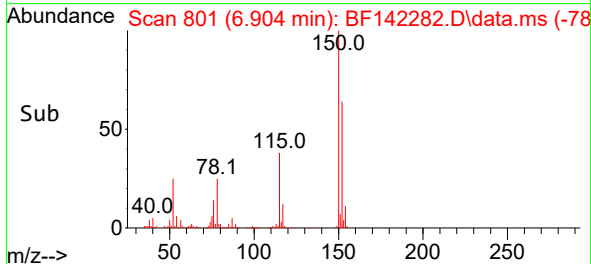
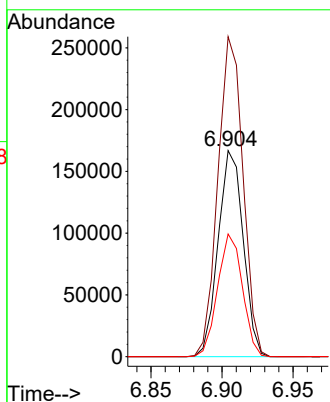
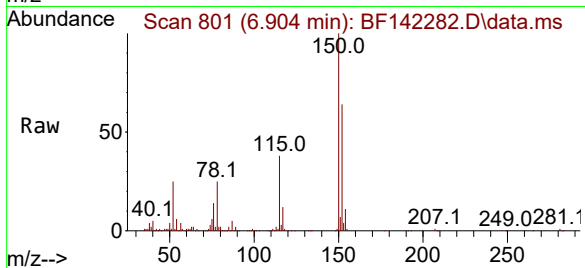




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF142282.D
Acq: 02 May 2025 14:51

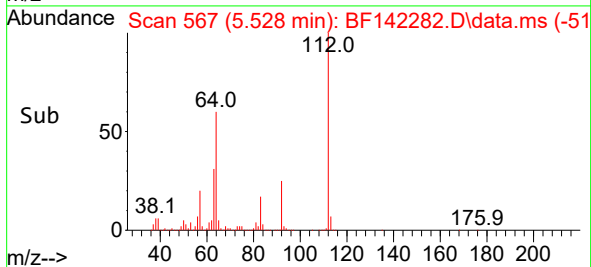
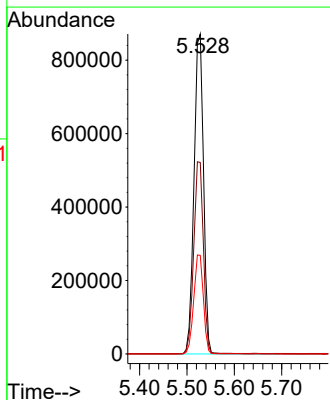
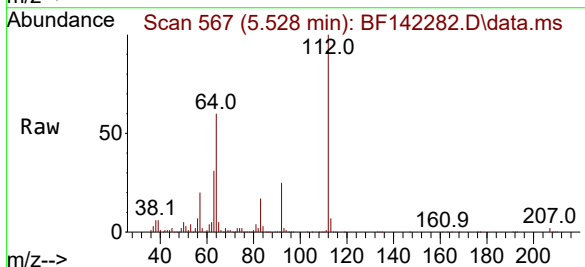
Instrument :
BNA_F
ClientSampleId :
CO-8R-WC

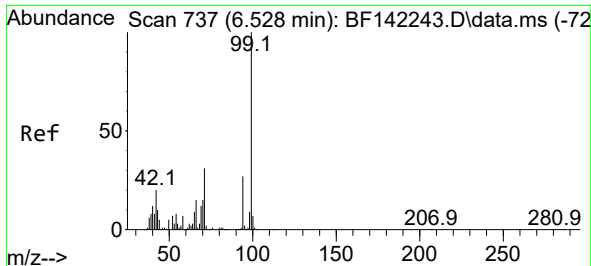
Tgt Ion:152 Resp: 204938
Ion Ratio Lower Upper
152 100
150 155.3 130.2 195.2
115 59.6 47.0 70.4



#5
2-Fluorophenol
Concen: 94.634 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF142282.D
Acq: 02 May 2025 14:51

Tgt Ion:112 Resp: 1214358
Ion Ratio Lower Upper
112 100
64 59.8 48.4 72.6
63 30.8 24.8 37.2

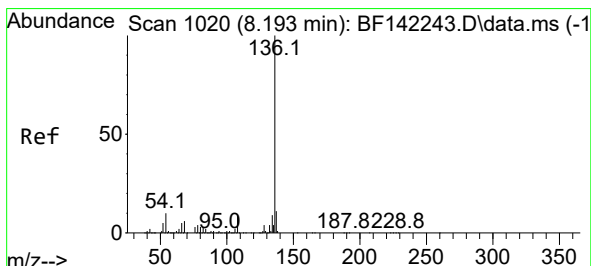
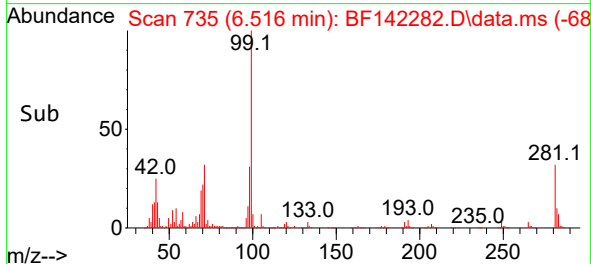
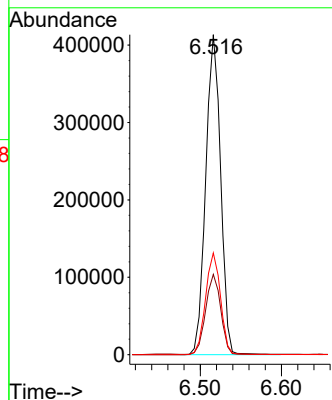
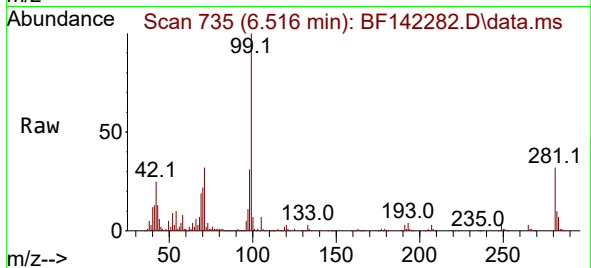




#7
Phenol-d6
Concen: 33.916 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142282.D
Acq: 02 May 2025 14:51

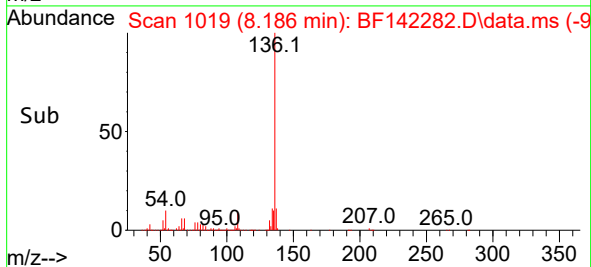
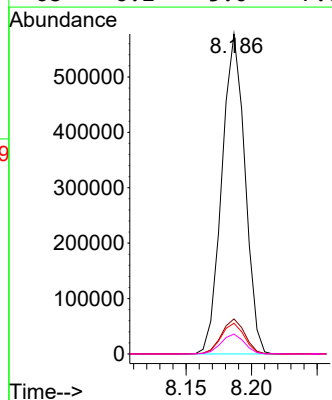
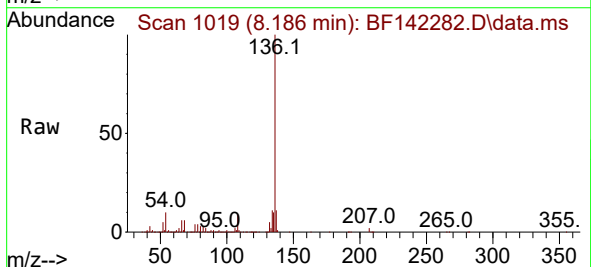
Instrument :
BNA_F
ClientSampleId :
CO-8R-WC

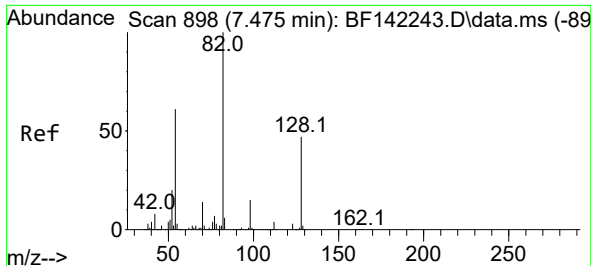
Tgt Ion: 99 Resp: 525562
Ion Ratio Lower Upper
99 100
42 25.1 16.3 24.5#
71 31.8 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.007 min
Lab File: BF142282.D
Acq: 02 May 2025 14:51

Tgt Ion:136 Resp: 707266
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.6 7.7 11.5
68 6.2 5.0 7.6





#23

Nitrobenzene-d5

Concen: 91.607 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142282.D

Acq: 02 May 2025 14:51

Instrument :

BNA_F

ClientSampleId :

CO-8R-WC

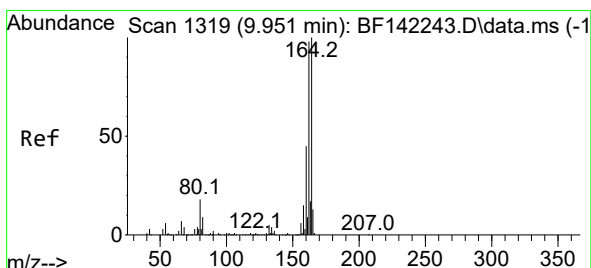
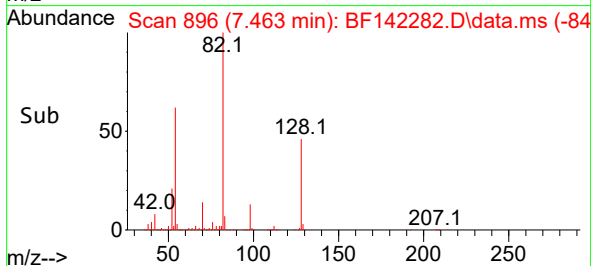
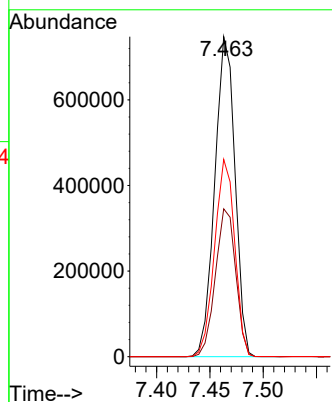
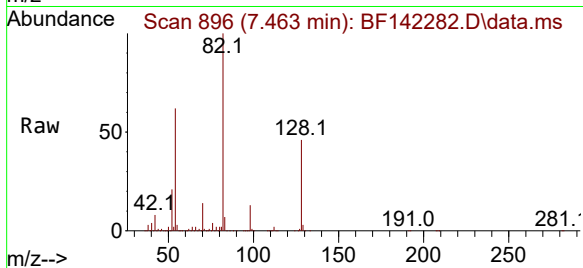
Tgt Ion: 82 Resp: 986198

Ion Ratio Lower Upper

82 100

128 46.2 37.0 55.6

54 61.7 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: BF142282.D

Acq: 02 May 2025 14:51

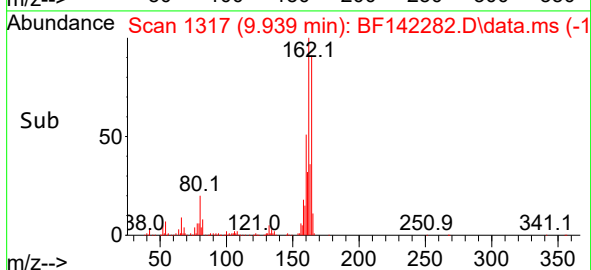
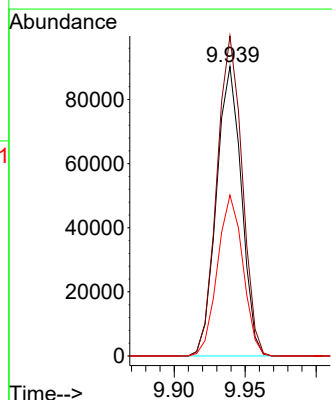
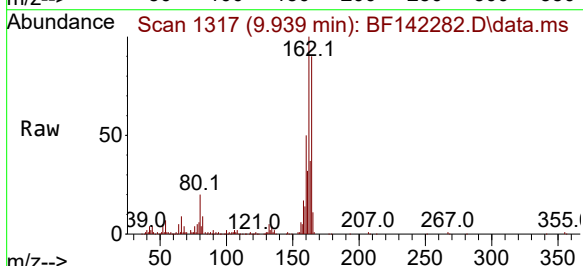
Tgt Ion: 164 Resp: 110377

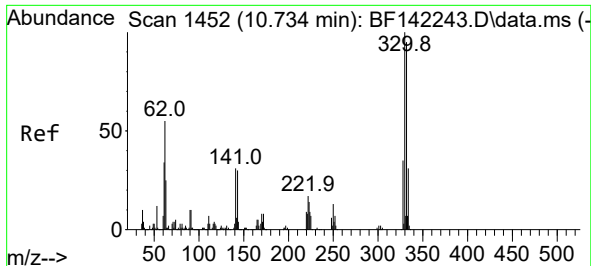
Ion Ratio Lower Upper

164 100

162 110.5 78.6 117.8

160 55.5 35.7 53.5#

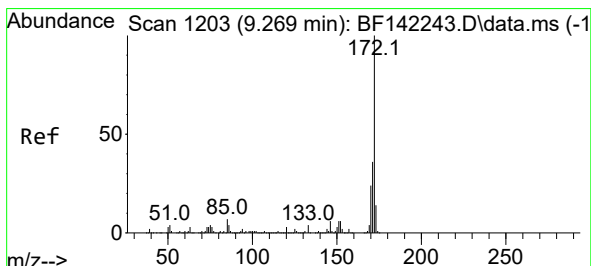
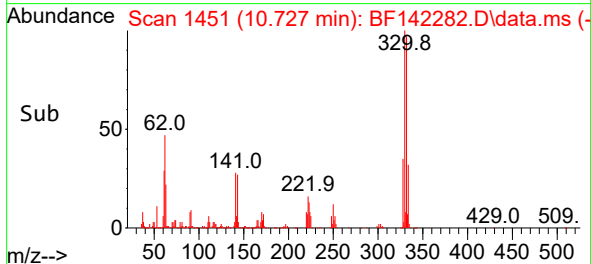
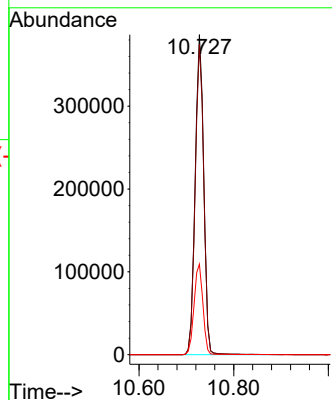
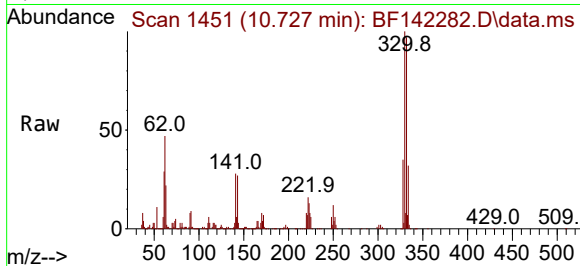




#42
2,4,6-Tribromophenol
Concen: 482.781 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142282.D
Acq: 02 May 2025 14:51

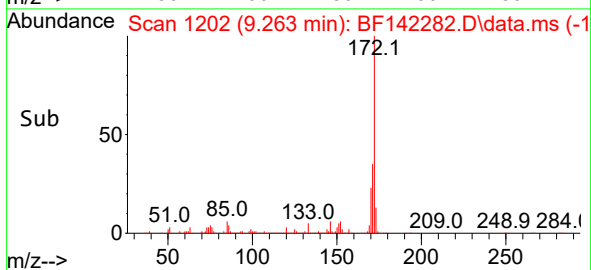
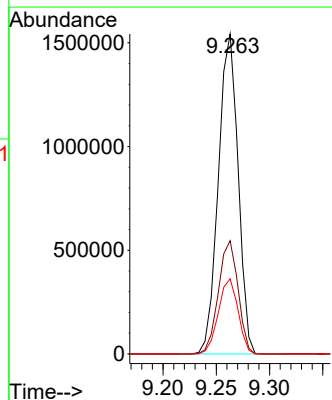
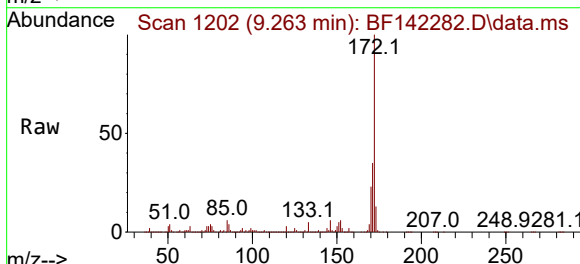
Instrument :
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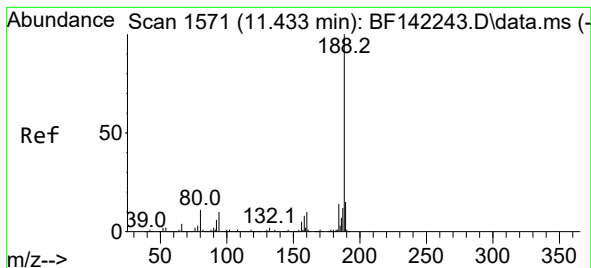
Tgt Ion:330 Resp: 485793
Ion Ratio Lower Upper
330 100
332 96.8 76.5 114.7
141 29.3 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 253.083 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142282.D
Acq: 02 May 2025 14:51

Tgt Ion:172 Resp: 1981223
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.4
170 23.5 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: BF142282.D

Acq: 02 May 2025 14:51

Instrument :

BNA_F

ClientSampleId :

CO-8R-WC

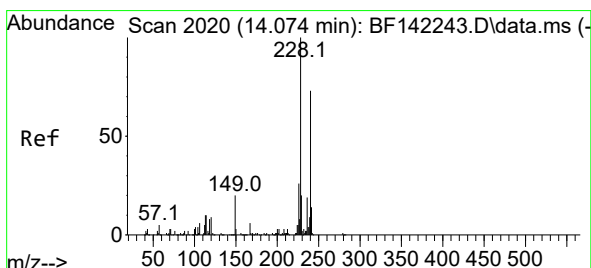
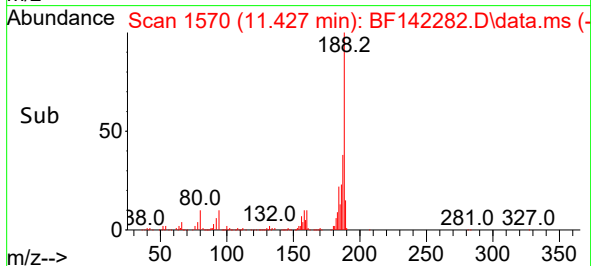
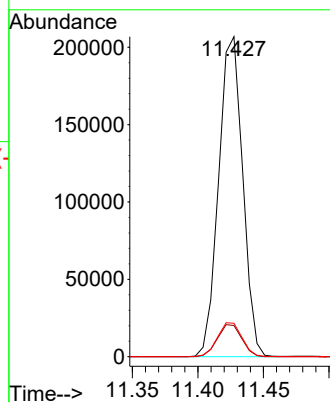
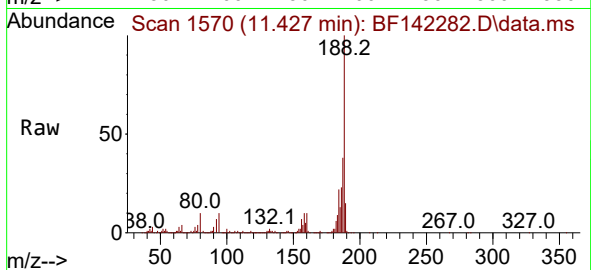
Tgt Ion:188 Resp: 263917

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.2

80 10.5 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF142282.D

Acq: 02 May 2025 14:51

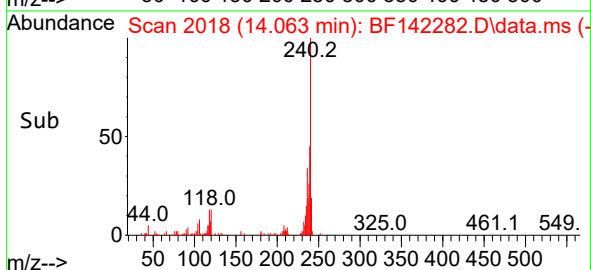
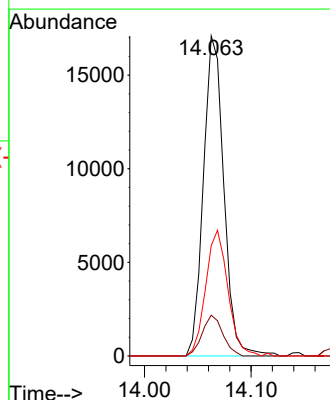
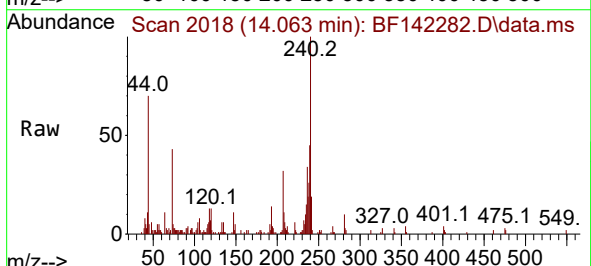
Tgt Ion:240 Resp: 22813

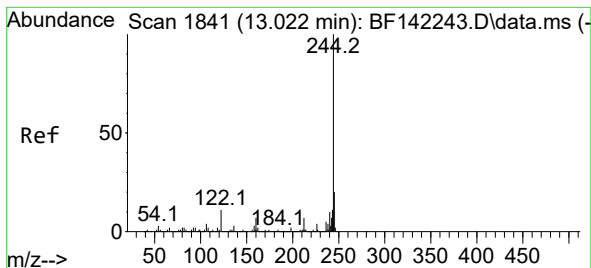
Ion Ratio Lower Upper

240 100

120 12.7 10.1 15.1

236 34.4 20.5 30.7#





#79

Terphenyl-d14

Concen: 418.824 ng

RT: 13.016 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142282.D

Acq: 02 May 2025 14:51

Instrument :

BNA_F

ClientSampleId :

CO-8R-WC

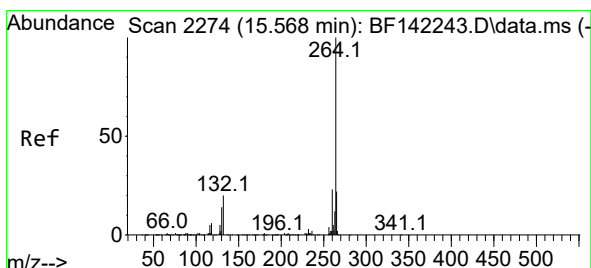
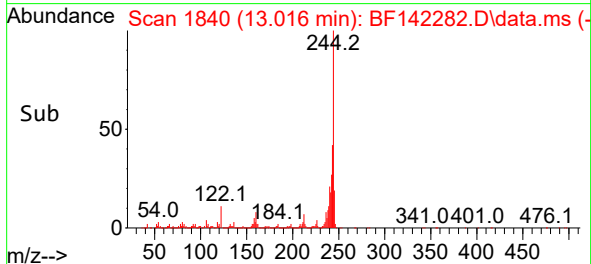
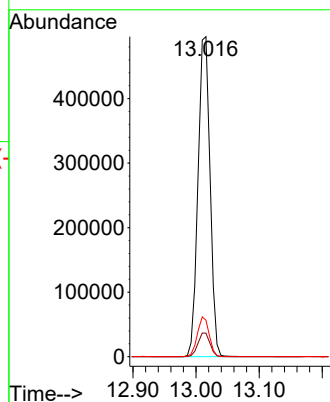
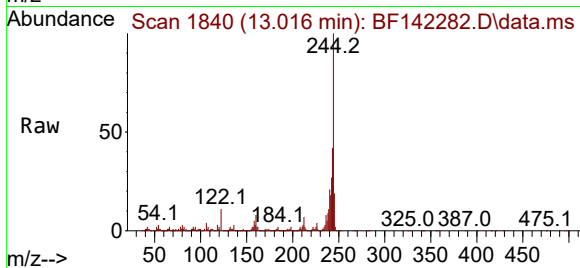
Tgt Ion:244 Resp: 656943

Ion Ratio Lower Upper

244 100

212 7.3 5.3 7.9

122 11.4 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: BF142282.D

Acq: 02 May 2025 14:51

Tgt Ion:264 Resp: 209

Ion Ratio Lower Upper

264 100

260 100.0 18.4 27.6#

265 342.3 17.3 25.9#

