

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142263.D
 Acq On : 01 May 2025 16:31
 Operator : RC/JU
 Sample : Q1903-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5

Quant Time: May 01 18:06:32 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	213887	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	812832	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	392078	20.000	ng	-0.01
64) Phenanthrene-d10	11.428	188	556035	20.000	ng	0.00
76) Chrysene-d12	14.069	240	454222	20.000	ng	0.00
86) Perylene-d12	15.557	264	451548	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1058130	79.009	ng	0.00
7) Phenol-d6	6.522	99	1296508	80.168	ng	0.00
23) Nitrobenzene-d5	7.463	82	759292	61.370	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	269885	75.506	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1499337	53.918	ng	0.00
79) Terphenyl-d14	13.016	244	1194642	38.252	ng	0.00

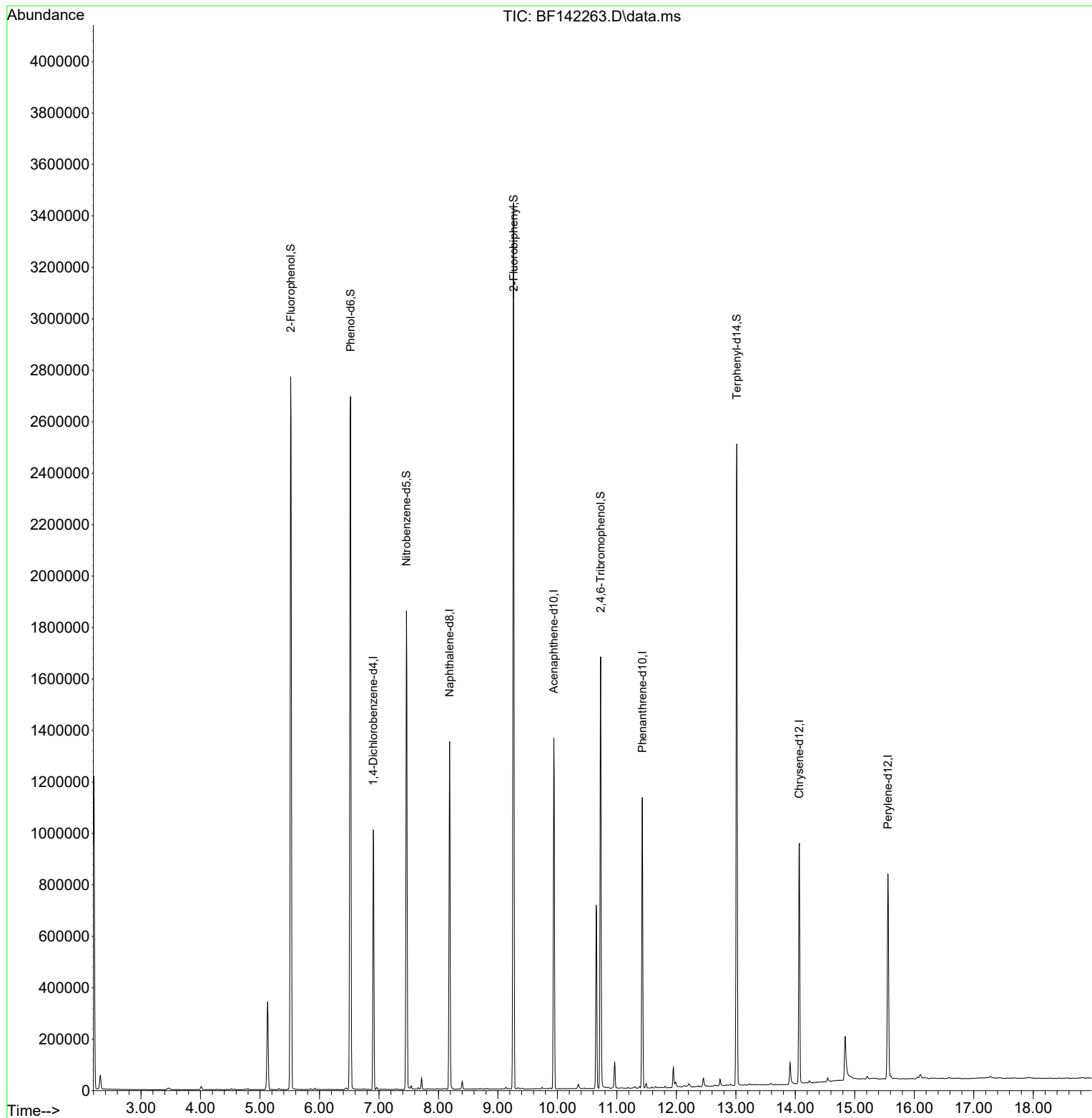
Target Compounds	Qvalue

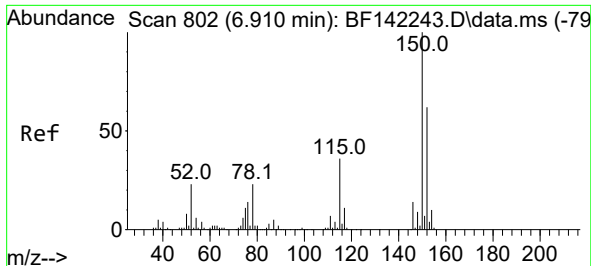
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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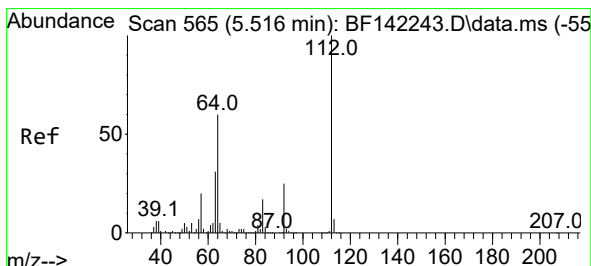
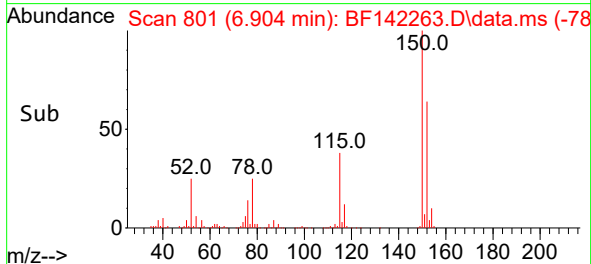
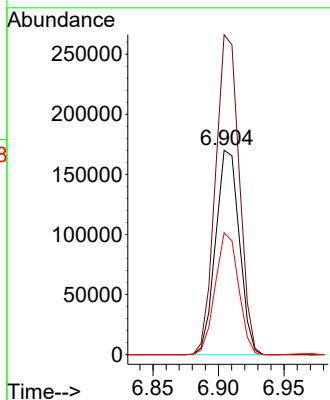
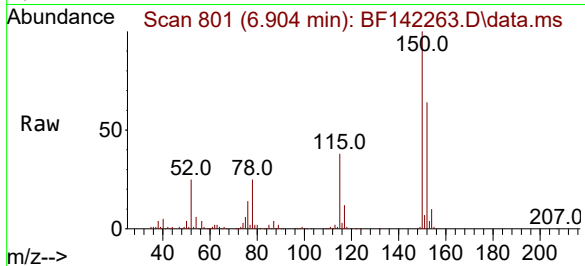




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 802
 Delta R.T. -0.006 min
 Lab File: BF142263.D
 Acq: 01 May 2025 16:31

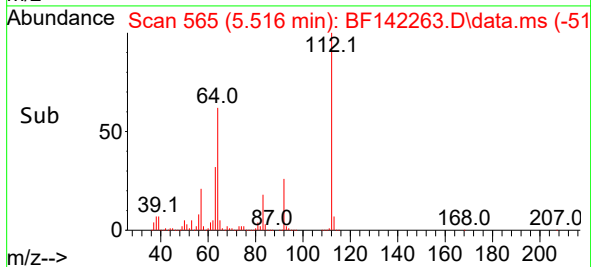
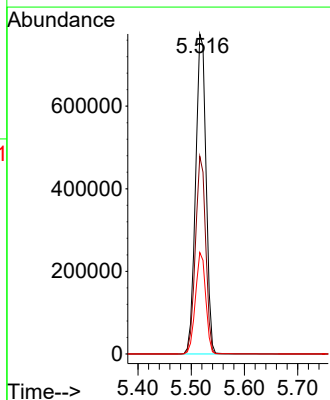
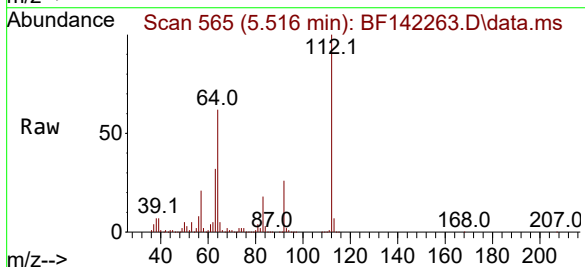
Instrument :
 BNA_F
 ClientSampleId :
 COMP-5

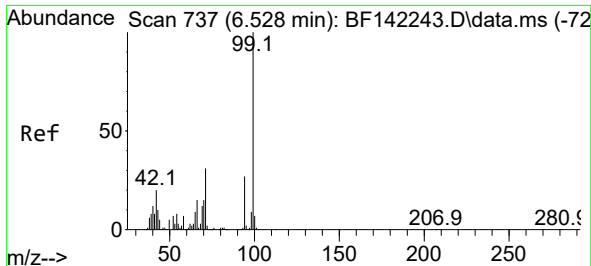
Tgt Ion:152 Resp: 213887
 Ion Ratio Lower Upper
 152 100
 150 156.4 130.2 195.2
 115 59.6 47.0 70.4



#5
 2-Fluorophenol
 Concen: 79.009 ng
 RT: 5.516 min Scan# 565
 Delta R.T. -0.000 min
 Lab File: BF142263.D
 Acq: 01 May 2025 16:31

Tgt Ion:112 Resp: 1058130
 Ion Ratio Lower Upper
 112 100
 64 61.8 48.4 72.6
 63 31.7 24.8 37.2

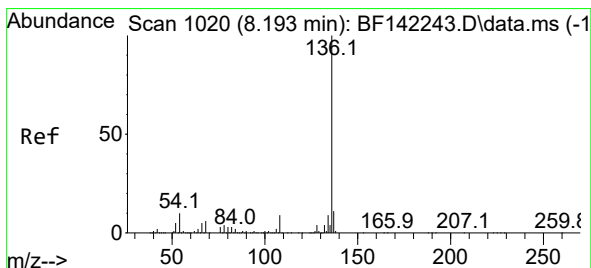
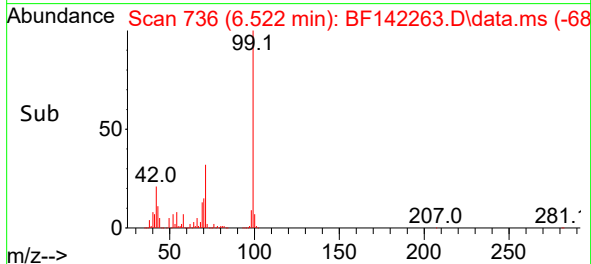
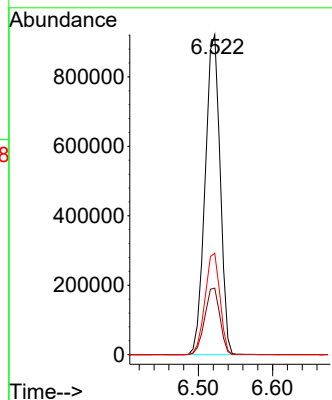
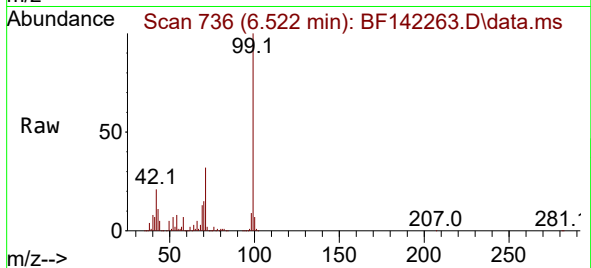




#7
Phenol-d6
Concen: 80.168 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142263.D
Acq: 01 May 2025 16:31

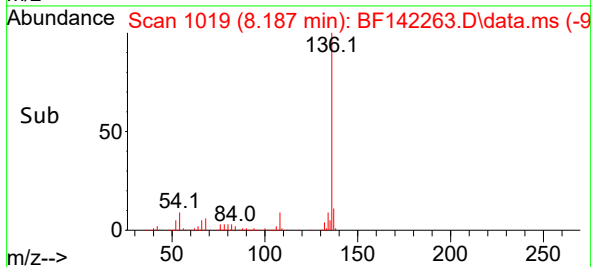
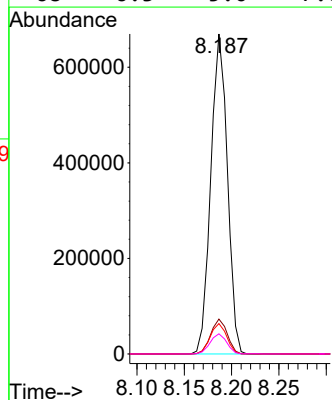
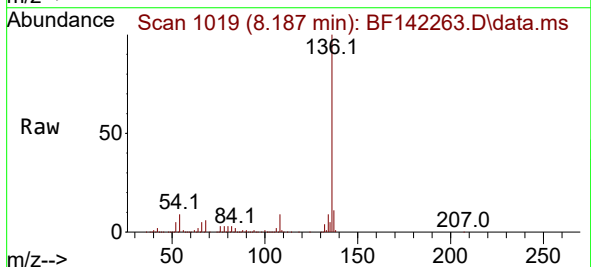
Instrument :
BNA_F
ClientSampleId :
COMP-5

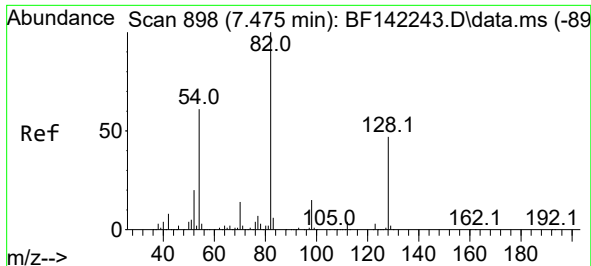
Tgt Ion: 99 Resp: 1296508
Ion Ratio Lower Upper
99 100
42 20.8 16.3 24.5
71 31.7 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142263.D
Acq: 01 May 2025 16:31

Tgt Ion: 136 Resp: 812832
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.5 7.7 11.5
68 6.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 61.370 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142263.D

Acq: 01 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

COMP-5

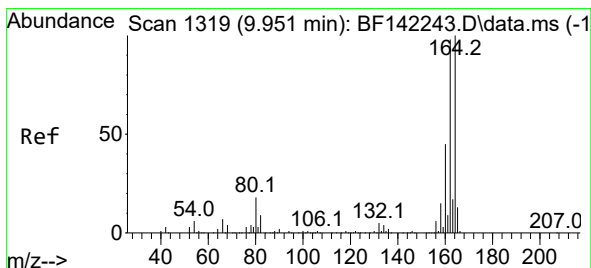
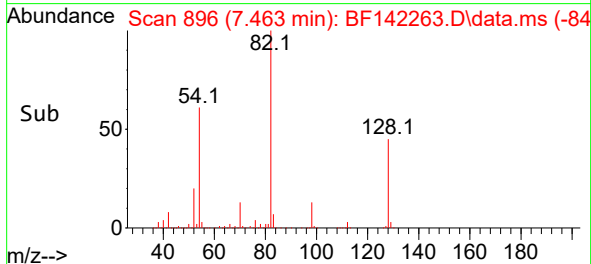
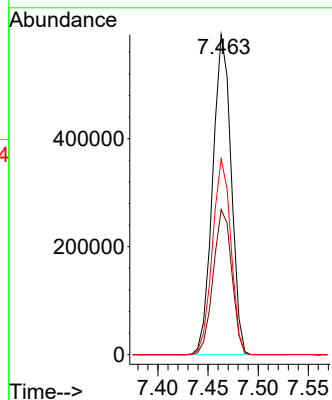
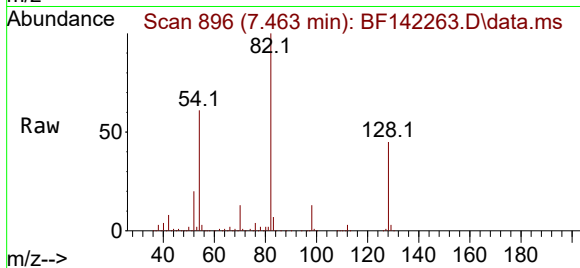
Tgt Ion: 82 Resp: 759292

Ion Ratio Lower Upper

82 100

128 45.4 37.0 55.6

54 61.2 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: BF142263.D

Acq: 01 May 2025 16:31

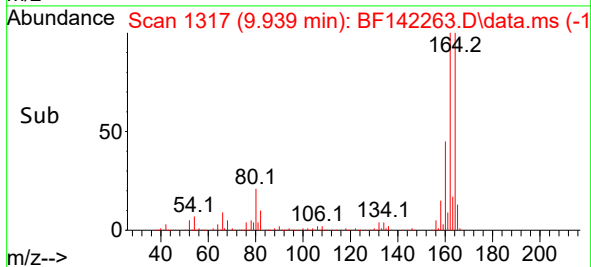
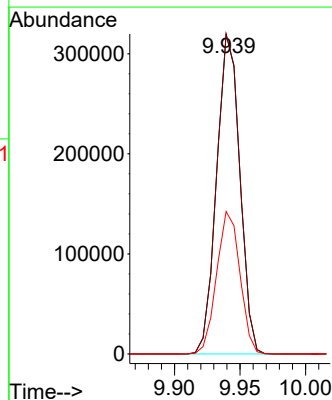
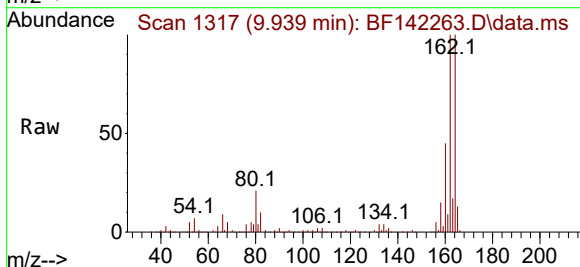
Tgt Ion:164 Resp: 392078

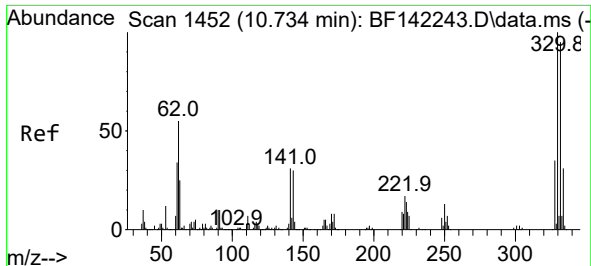
Ion Ratio Lower Upper

164 100

162 100.2 78.6 117.8

160 44.6 35.7 53.5

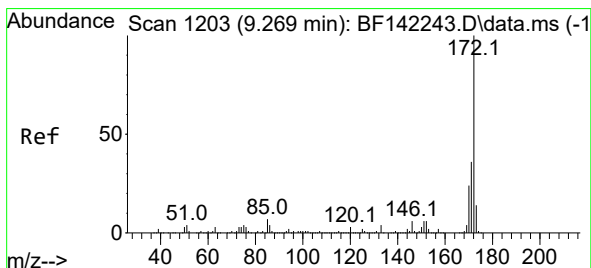
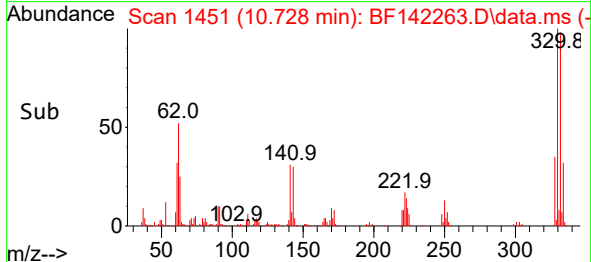
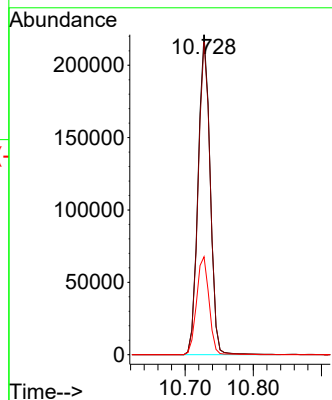
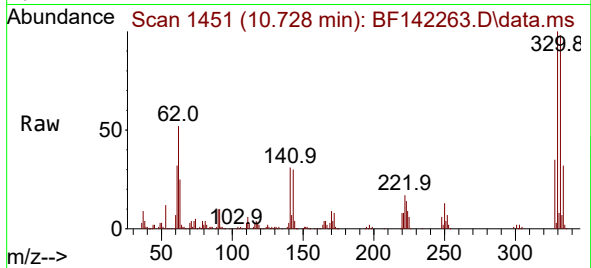




#42
2,4,6-Tribromophenol
Concen: 75.506 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142263.D
Acq: 01 May 2025 16:31

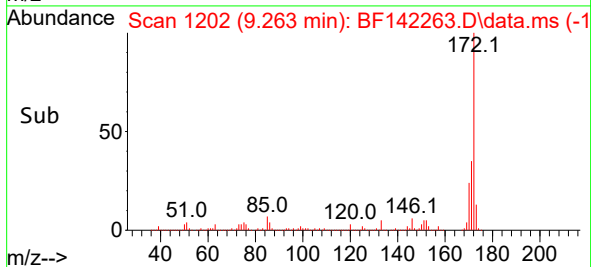
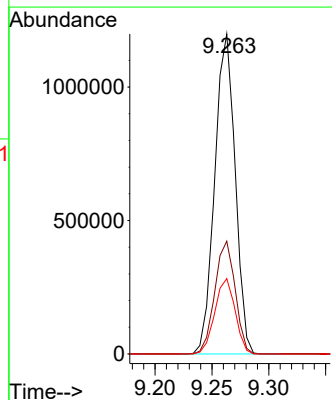
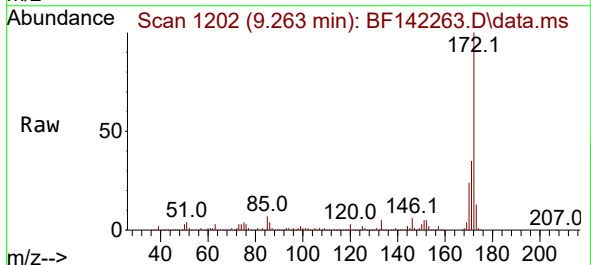
Instrument :
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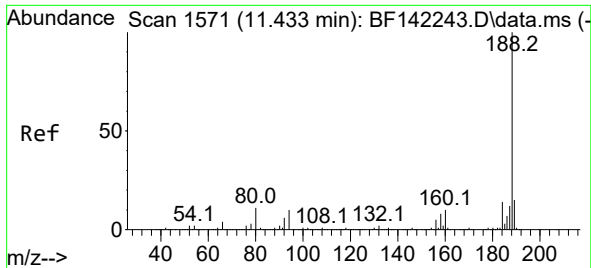
Tgt Ion: 330 Resp: 269885
Ion Ratio Lower Upper
330 100
332 98.1 76.5 114.7
141 31.8 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 53.918 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142263.D
Acq: 01 May 2025 16:31

Tgt Ion: 172 Resp: 1499337
Ion Ratio Lower Upper
172 100
171 35.3 29.0 43.4
170 23.5 19.4 29.0

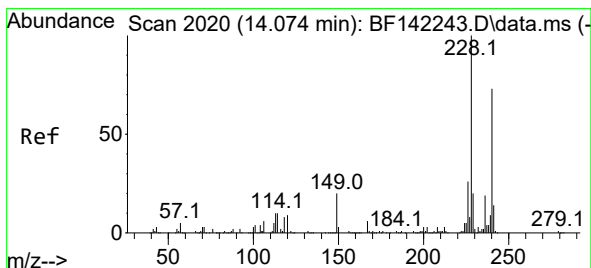
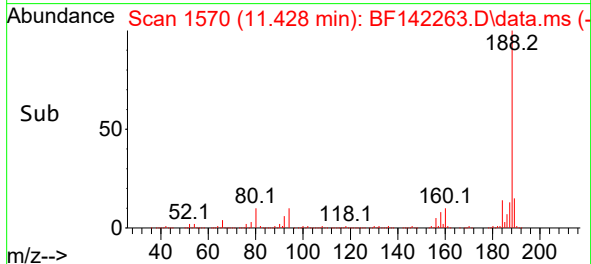
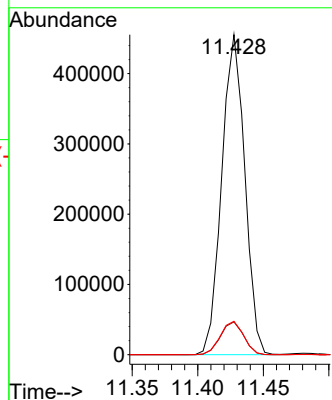
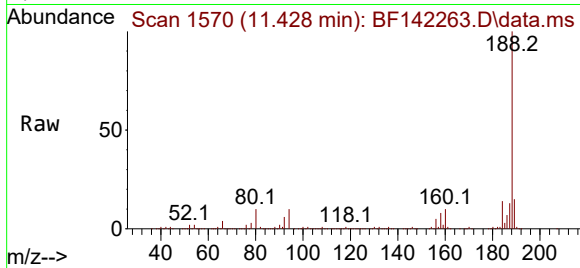




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142263.D
Acq: 01 May 2025 16:31

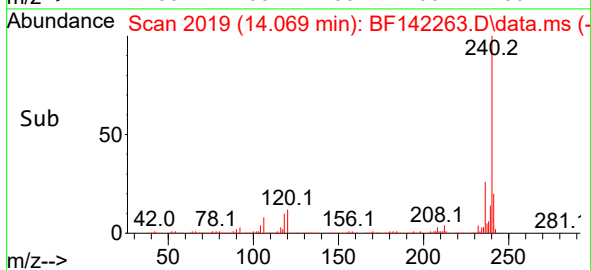
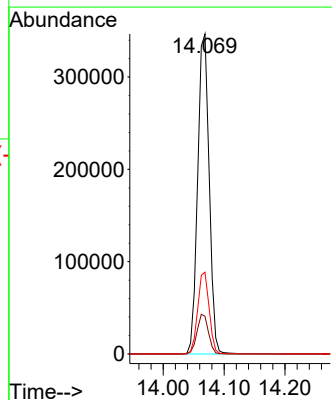
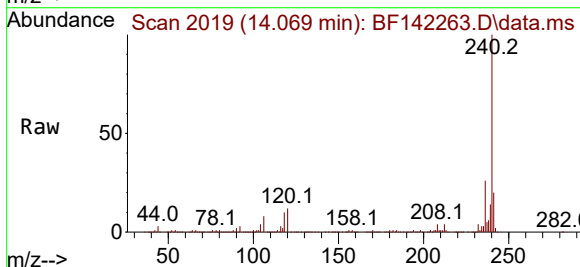
Instrument :
BNA_F
ClientSampleId :
COMP-5

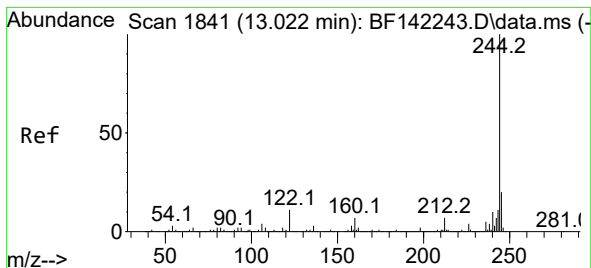
Tgt Ion:188 Resp: 556035
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 10.4 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142263.D
Acq: 01 May 2025 16:31

Tgt Ion:240 Resp: 454222
Ion Ratio Lower Upper
240 100
120 11.7 10.1 15.1
236 25.6 20.5 30.7





#79

Terphenyl-d14

Concen: 38.252 ng

RT: 13.016 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142263.D

Acq: 01 May 2025 16:31

Instrument :

BNA_F

ClientSampleId :

COMP-5

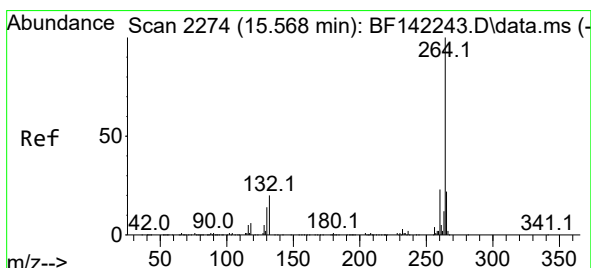
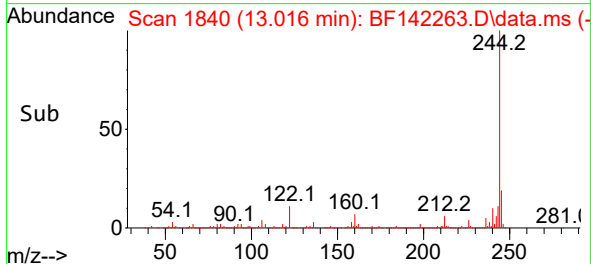
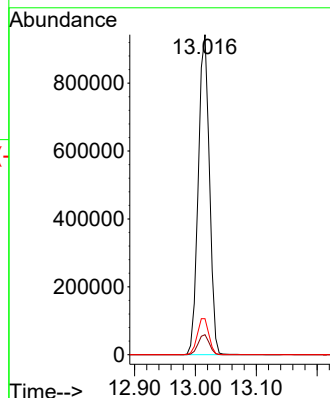
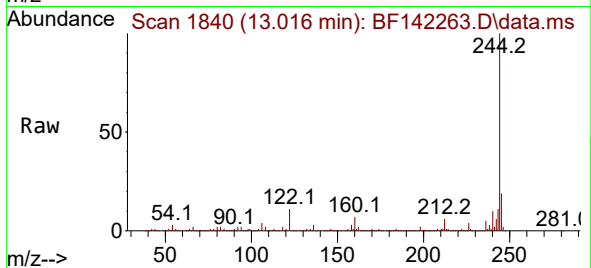
Tgt Ion:244 Resp: 1194642

Ion Ratio Lower Upper

244 100

212 6.2 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: BF142263.D

Acq: 01 May 2025 16:31

Tgt Ion:264 Resp: 451548

Ion Ratio Lower Upper

264 100

260 23.3 18.4 27.6

265 21.4 17.3 25.9

