

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142259.D
 Acq On : 01 May 2025 14:37
 Operator : RC/JU
 Sample : Q1914-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB04282025

Quant Time: May 01 15:05:00 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	209525	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	791724	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	383707	20.000	ng	-0.01
64) Phenanthrene-d10	11.428	188	539331	20.000	ng	0.00
76) Chrysene-d12	14.063	240	446045	20.000	ng	-0.01
86) Perylene-d12	15.557	264	456057	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	708463	54.001	ng	0.00
7) Phenol-d6	6.516	99	533498	33.675	ng	-0.01
23) Nitrobenzene-d5	7.463	82	1064266	88.313	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	404329	115.588	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2059106	75.664	ng	0.00
79) Terphenyl-d14	13.016	244	1707731	55.684	ng	0.00

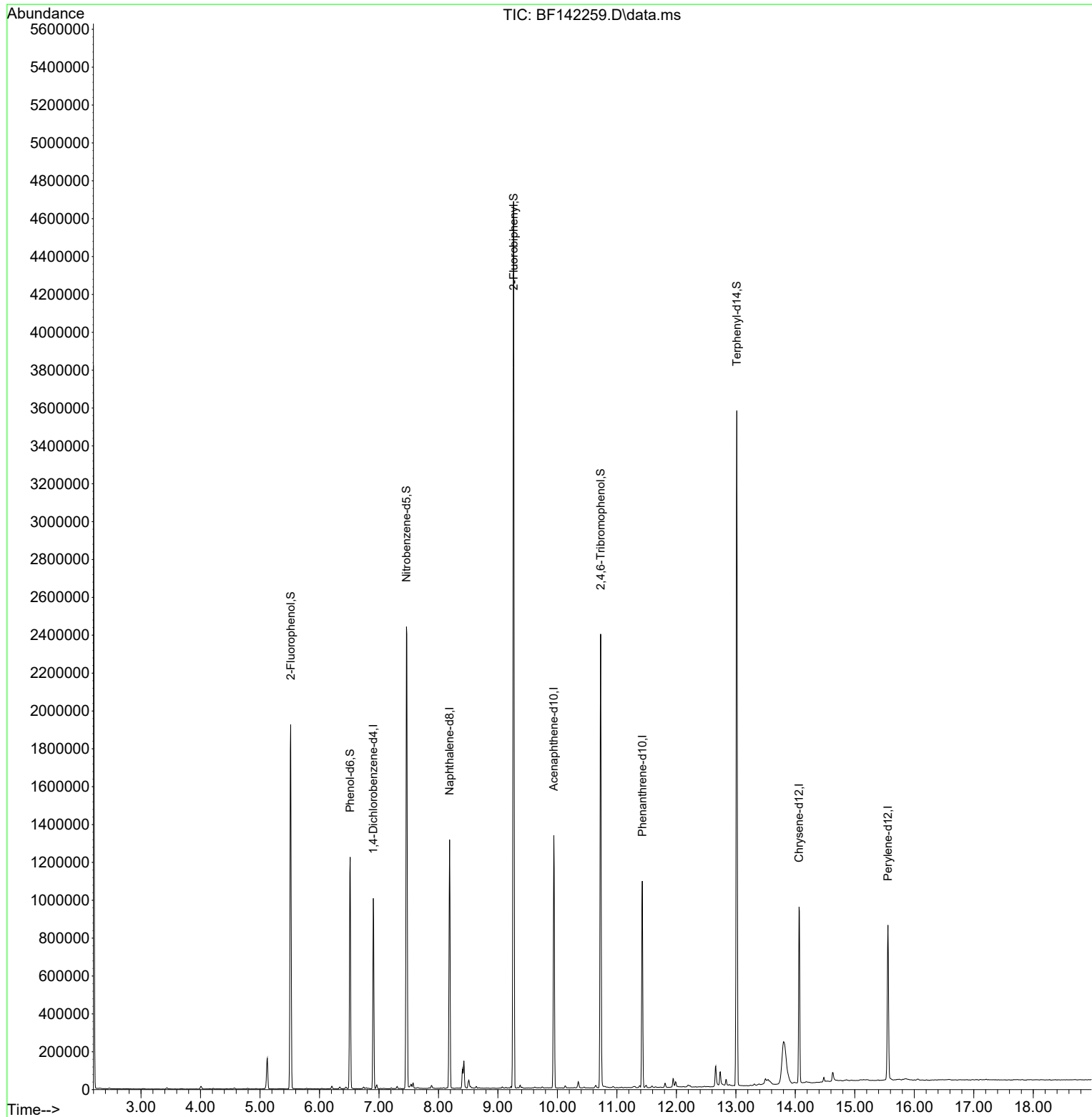
Target Compounds	Qvalue

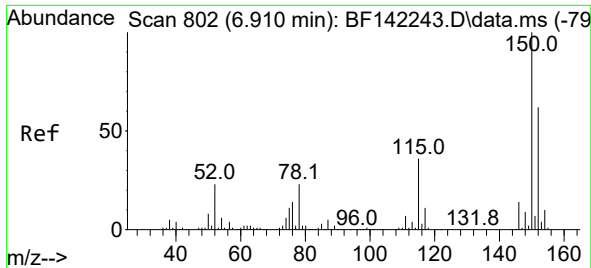
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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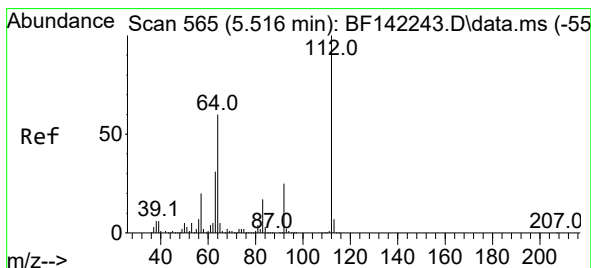
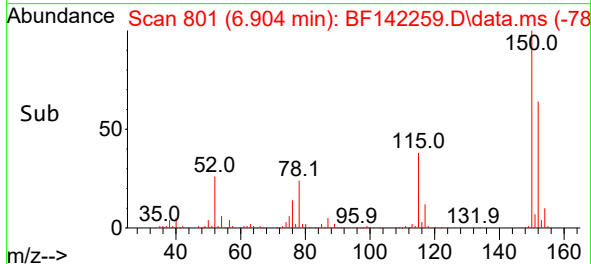
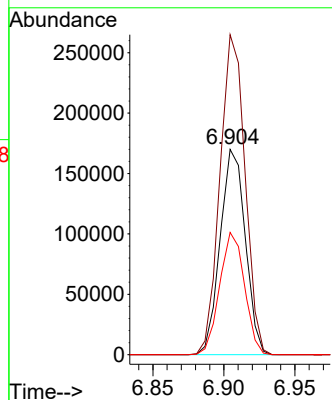
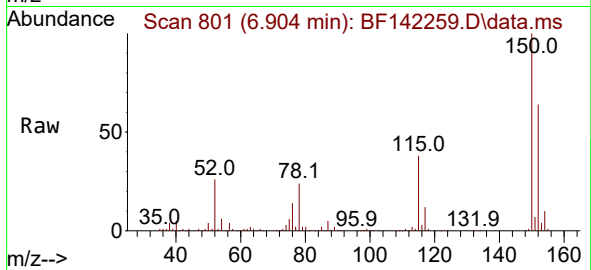




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF142259.D
Acq: 01 May 2025 14:37

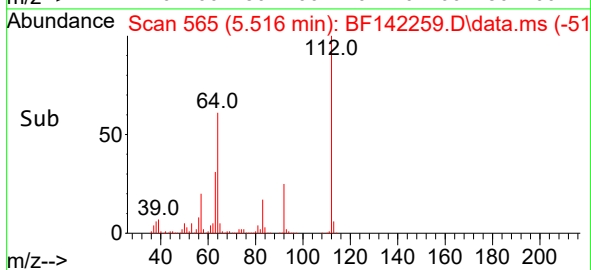
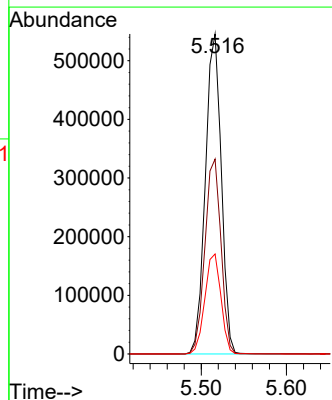
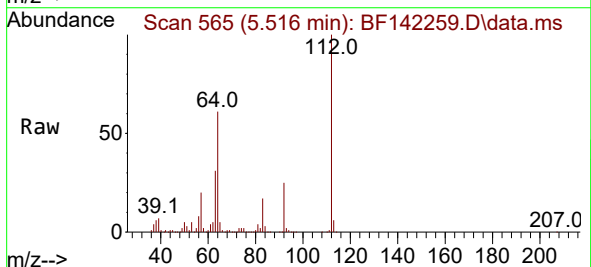
Instrument :
BNA_F
ClientSampleId :
FB04282025

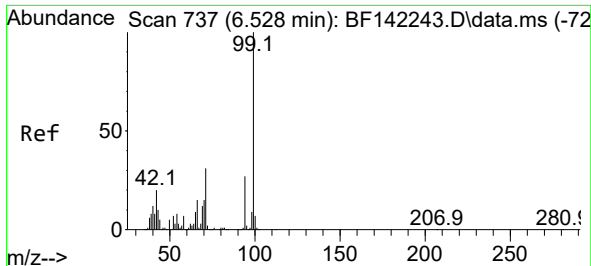
Tgt Ion:152 Resp: 209525
Ion Ratio Lower Upper
152 100
150 155.8 130.2 195.2
115 59.5 47.0 70.4



#5
2-Fluorophenol
Concen: 54.001 ng
RT: 5.516 min Scan# 565
Delta R.T. -0.000 min
Lab File: BF142259.D
Acq: 01 May 2025 14:37

Tgt Ion:112 Resp: 708463
Ion Ratio Lower Upper
112 100
64 60.9 48.4 72.6
63 31.2 24.8 37.2

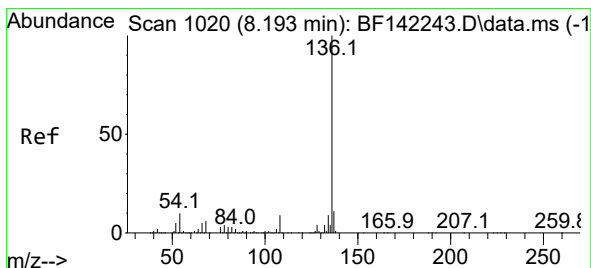
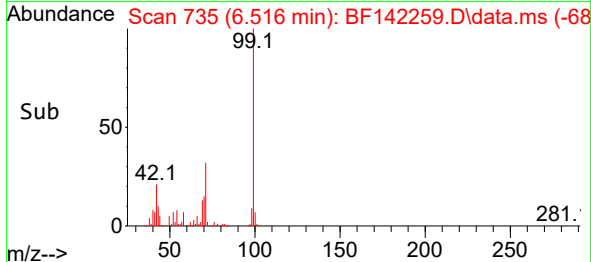
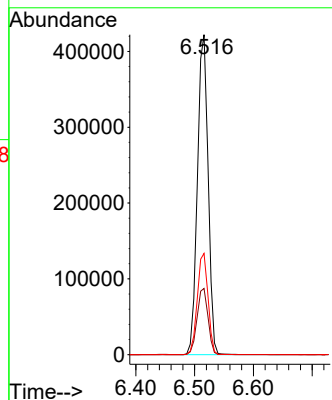
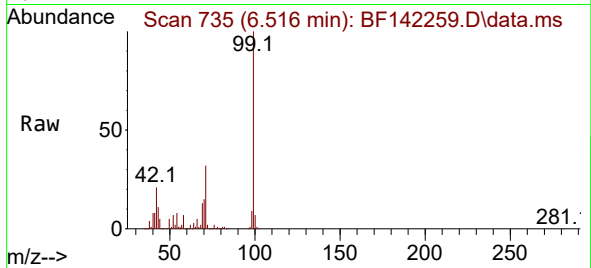




#7
Phenol-d6
Concen: 33.675 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142259.D
Acq: 01 May 2025 14:37

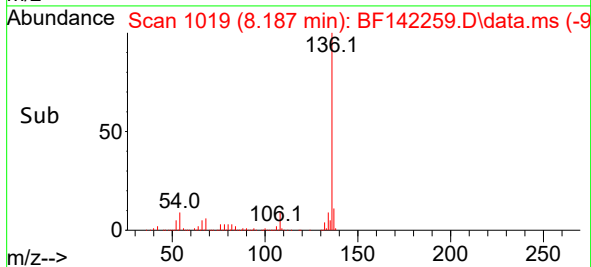
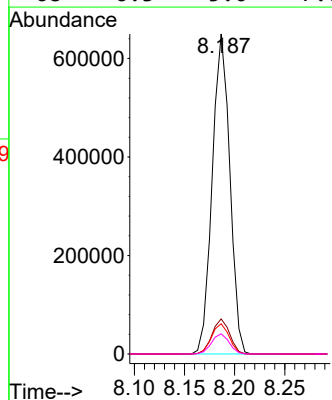
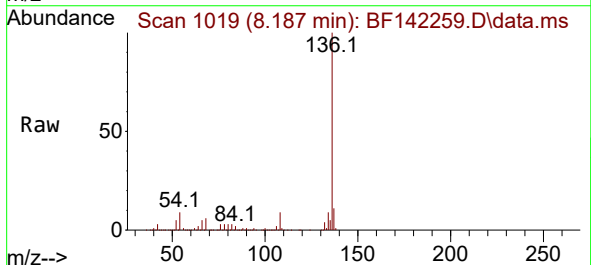
Instrument :
BNA_F
ClientSampleId :
FB04282025

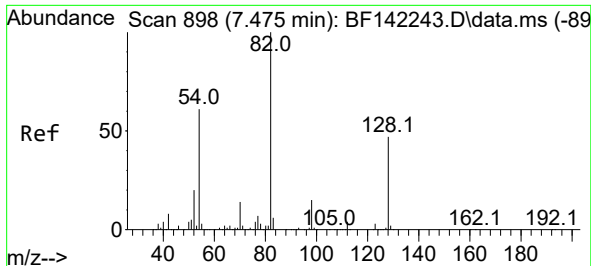
Tgt Ion: 99 Resp: 533498
Ion Ratio Lower Upper
99 100
42 20.7 16.3 24.5
71 31.7 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142259.D
Acq: 01 May 2025 14:37

Tgt Ion: 136 Resp: 791724
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: 88.313 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142259.D

Acq: 01 May 2025 14:37

Instrument :

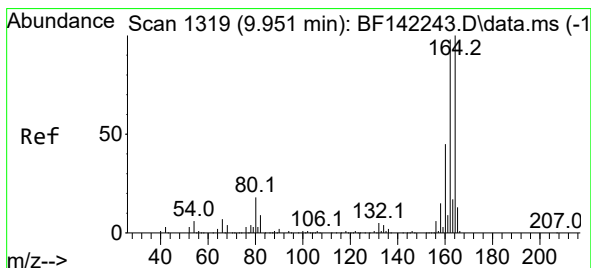
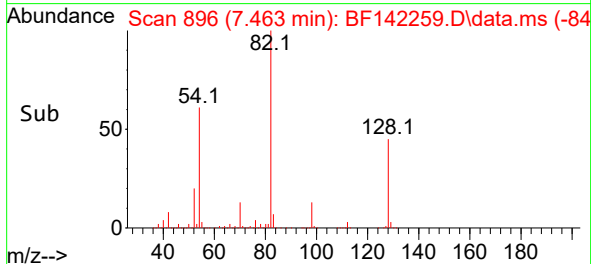
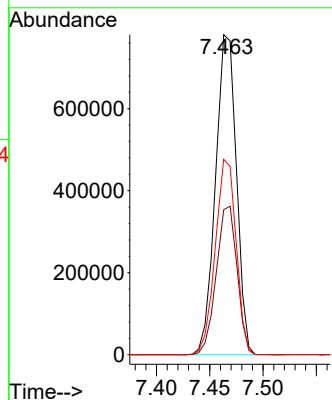
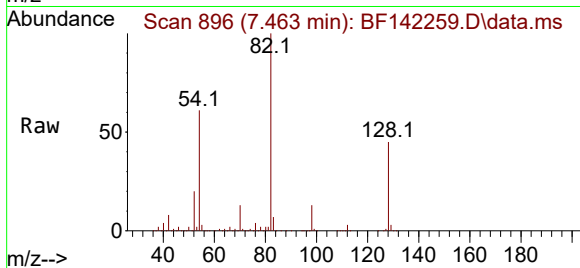
BNA_F

ClientSampleId :

FB04282025

Tgt Ion: 82 Resp: 1064266

Ion	Ratio	Lower	Upper
82	100		
128	45.3	37.0	55.6
54	61.1	48.0	72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

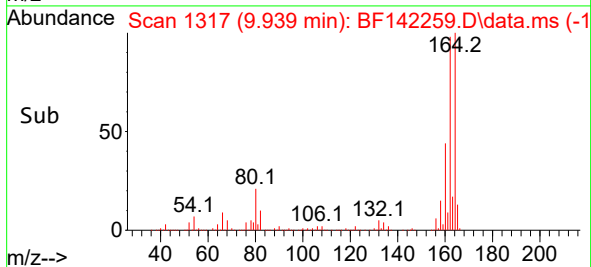
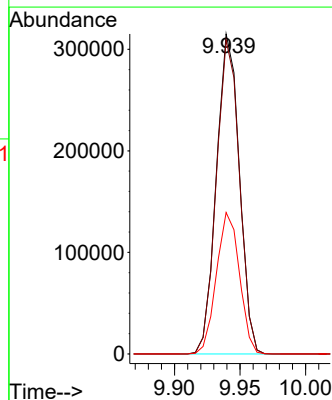
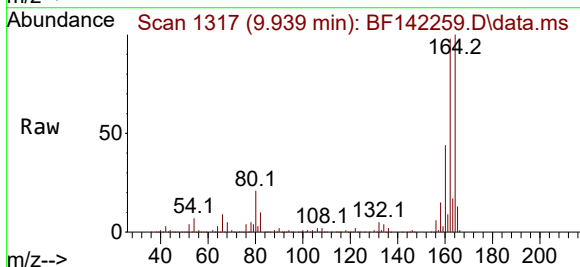
Delta R.T. -0.012 min

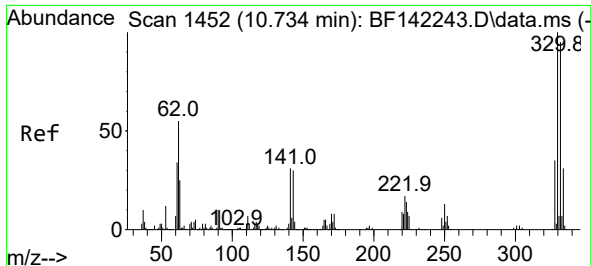
Lab File: BF142259.D

Acq: 01 May 2025 14:37

Tgt Ion:164 Resp: 383707

Ion	Ratio	Lower	Upper
164	100		
162	98.0	78.6	117.8
160	44.2	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 115.588 ng

RT: 10.728 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF142259.D

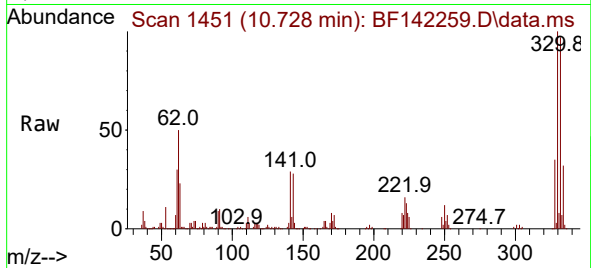
Acq: 01 May 2025 14:37

Instrument :

BNA_F

ClientSampleId :

FB04282025



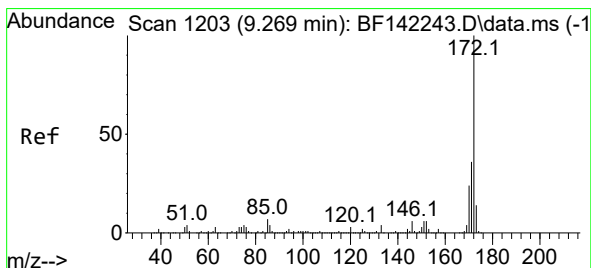
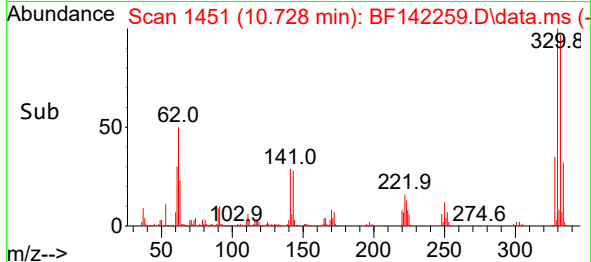
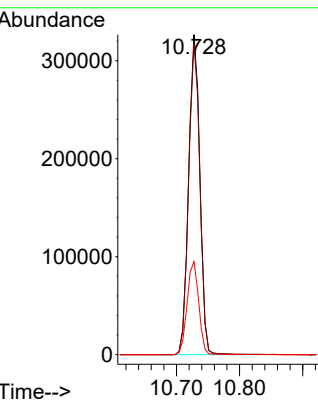
Tgt Ion:330 Resp: 404329

Ion Ratio Lower Upper

330 100

332 97.3 76.5 114.7

141 30.0 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 75.664 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF142259.D

Acq: 01 May 2025 14:37

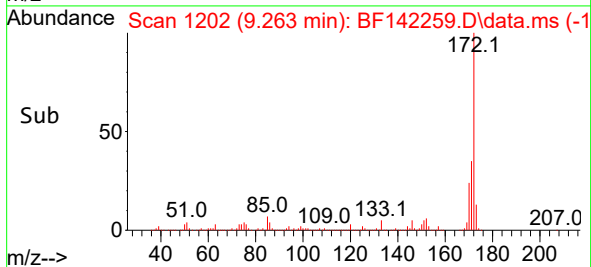
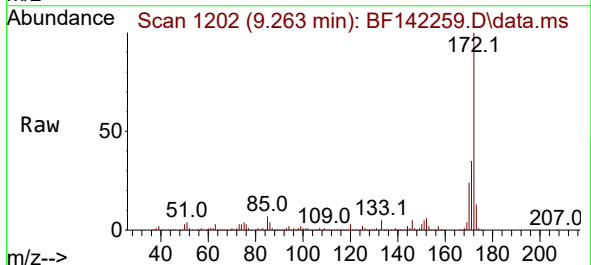
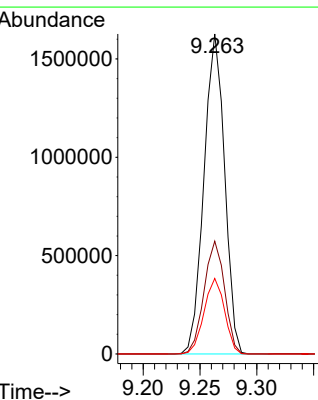
Tgt Ion:172 Resp: 2059106

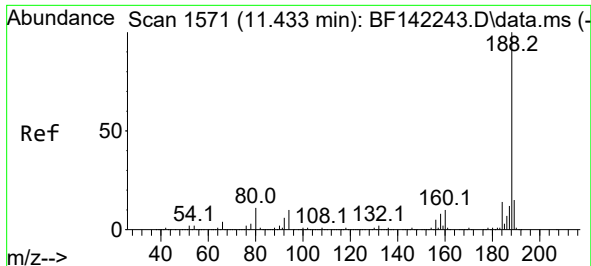
Ion Ratio Lower Upper

172 100

171 35.3 29.0 43.4

170 23.6 19.4 29.0

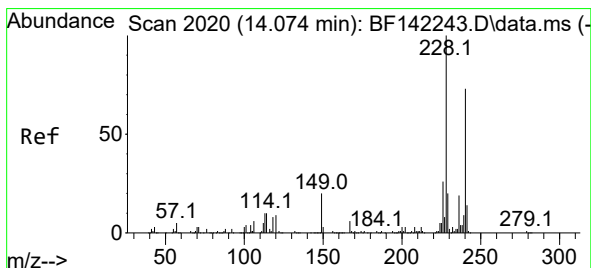
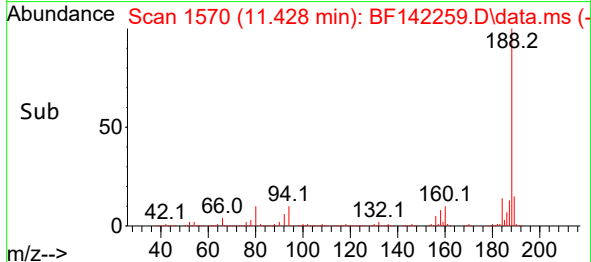
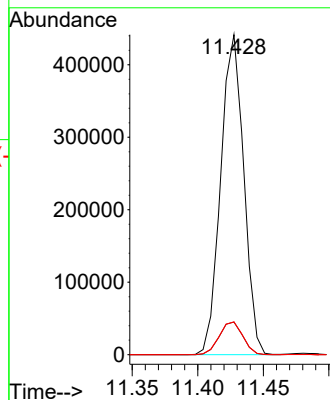
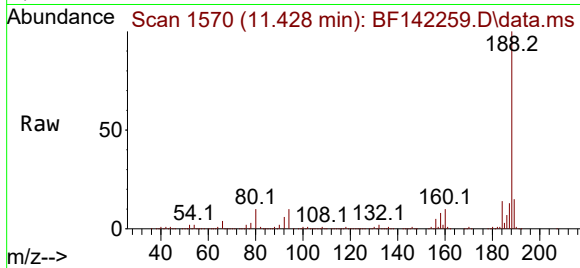




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142259.D
Acq: 01 May 2025 14:37

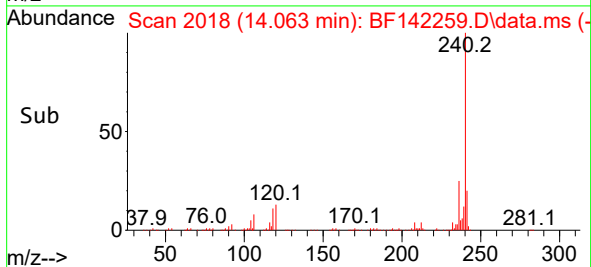
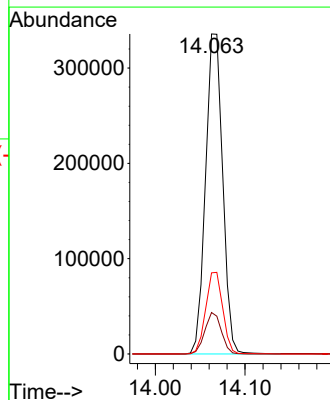
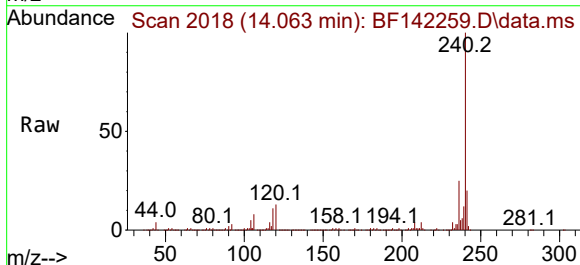
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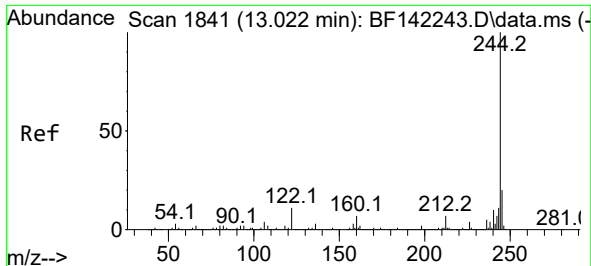
Tgt Ion:188 Resp: 539331
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 10.2 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142259.D
Acq: 01 May 2025 14:37

Tgt Ion:240 Resp: 446045
Ion Ratio Lower Upper
240 100
120 13.0 10.1 15.1
236 25.4 20.5 30.7

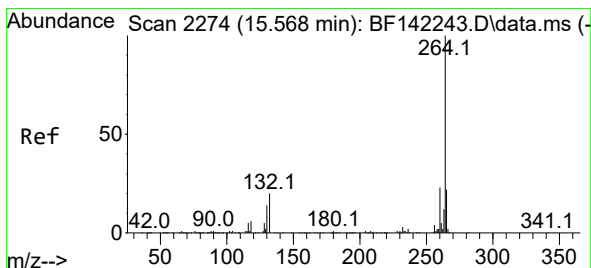
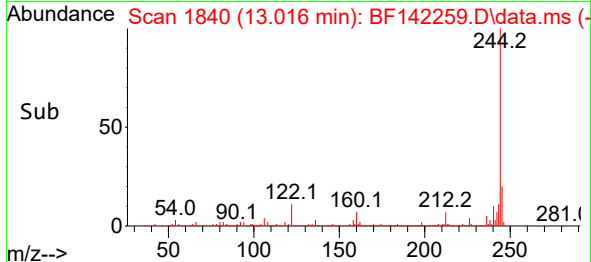
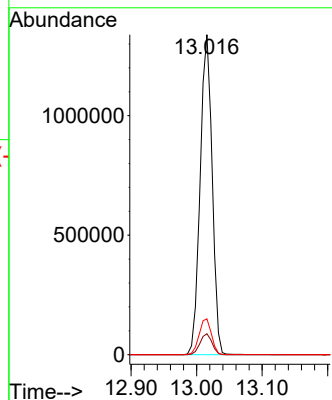
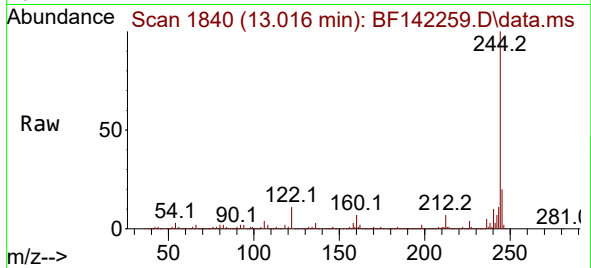




#79
 Terphenyl-d14
 Concen: 55.684 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142259.D
 Acq: 01 May 2025 14:37

Instrument :
 BNA_F
 ClientSampleId :
 FB04282025

Tgt Ion:244 Resp: 1707731
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 11.2 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: BF142259.D
 Acq: 01 May 2025 14:37

Tgt Ion:264 Resp: 456057
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.4 27.6
 265 21.7 17.3 25.9

