

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
 Data File : BF142304.D
 Acq On : 05 May 2025 18:41
 Operator : RC/JU
 Sample : PB167836BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167836BL

Quant Time: May 06 01:31:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	232271	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	886043	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	480961	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	875126	20.000	ng	0.00
76) Chrysene-d12	14.069	240	629062	20.000	ng	0.00
86) Perylene-d12	15.557	264	442703	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1742153	128.040	ng	0.02
7) Phenol-d6	6.522	99	2080795	124.340	ng	0.00
23) Nitrobenzene-d5	7.463	82	1275874	87.820	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	659924	142.115	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2592047	76.845	ng	0.00
79) Terphenyl-d14	13.022	244	2960311	69.652	ng	0.00

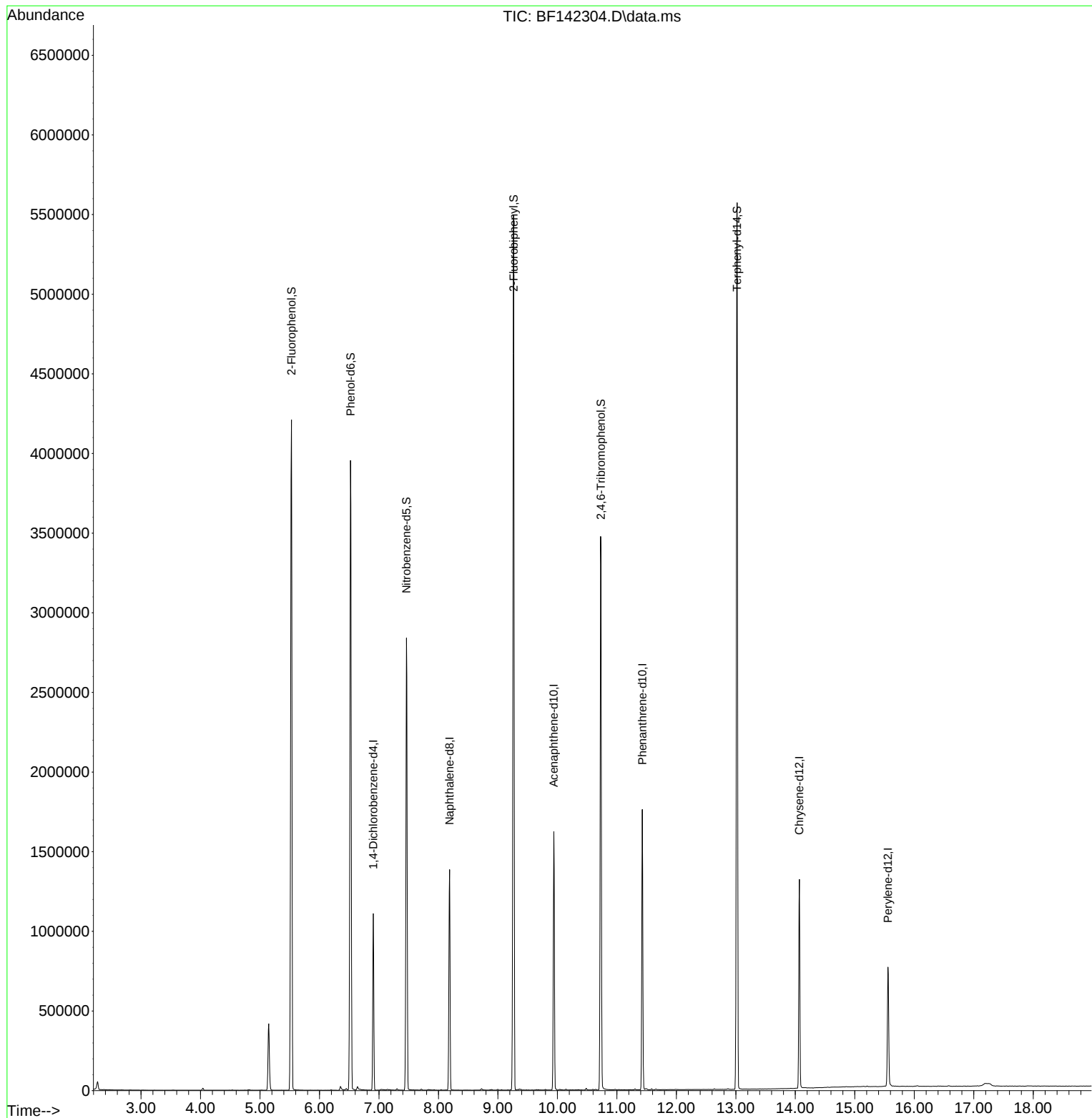
Target Compounds	Qvalue

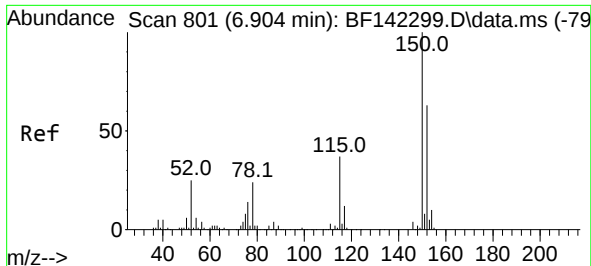
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050525\
Data File : BF142304.D
Acq On : 05 May 2025 18:41
Operator : RC/JU
Sample : PB167836BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167836BL

Quant Time: May 06 01:31:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 05 18:41:44 2025
Response via : Initial Calibration

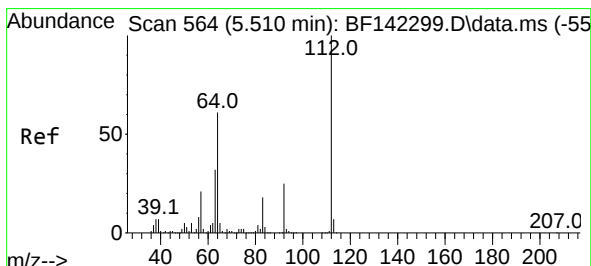
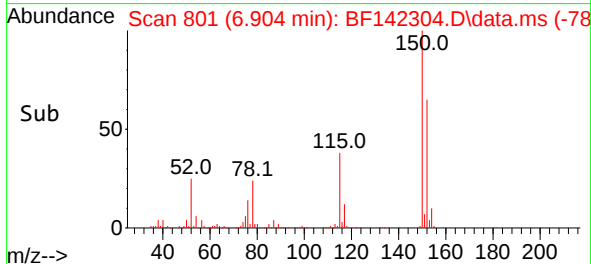
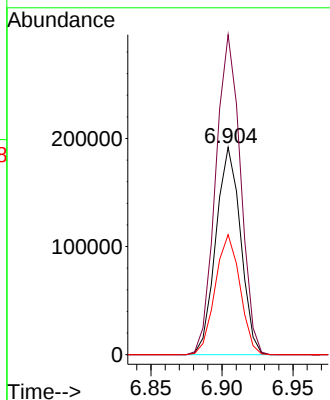
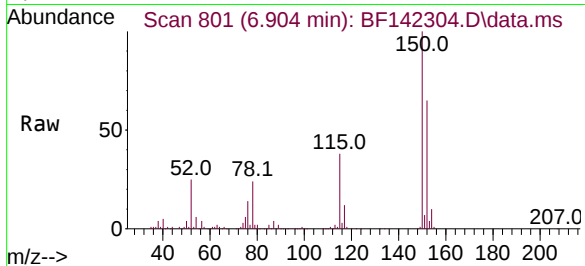




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF142304.D
 Acq: 05 May 2025 18:41

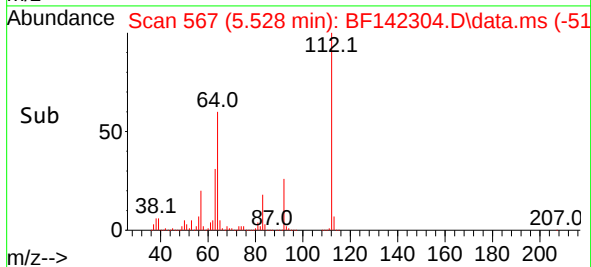
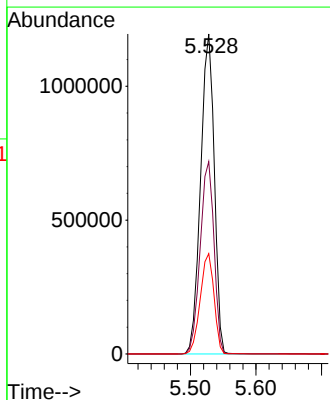
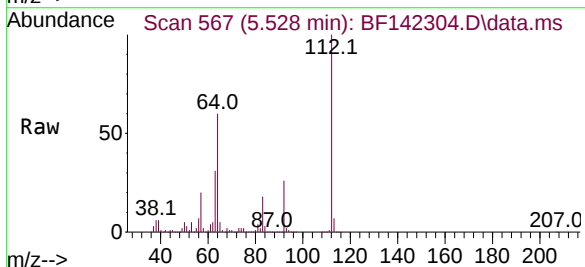
Instrument :
 BNA_F
 ClientSampleId :
 PB167836BL

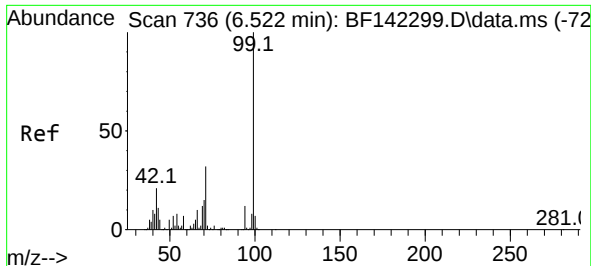
Tgt Ion:152 Resp: 232271
 Ion Ratio Lower Upper
 152 100
 150 154.3 126.6 190.0
 115 57.9 47.3 70.9



#5
 2-Fluorophenol
 Concen: 128.040 ng
 RT: 5.528 min Scan# 567
 Delta R.T. 0.018 min
 Lab File: BF142304.D
 Acq: 05 May 2025 18:41

Tgt Ion:112 Resp: 1742153
 Ion Ratio Lower Upper
 112 100
 64 60.1 48.9 73.3
 63 31.4 25.6 38.4

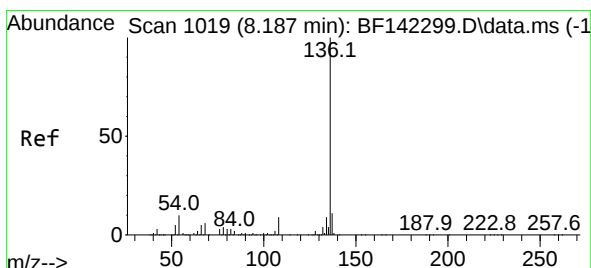
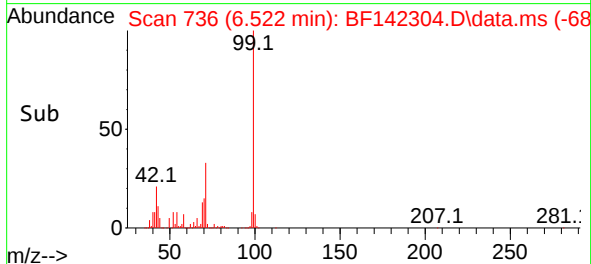
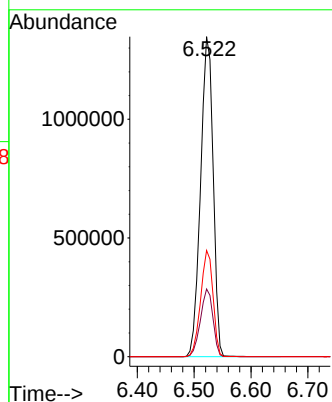
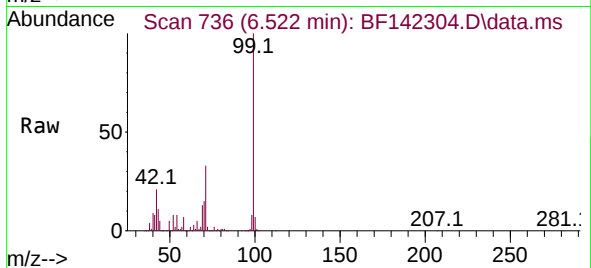




#7
Phenol-d6
Concen: 124.340 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF142304.D
Acq: 05 May 2025 18:41

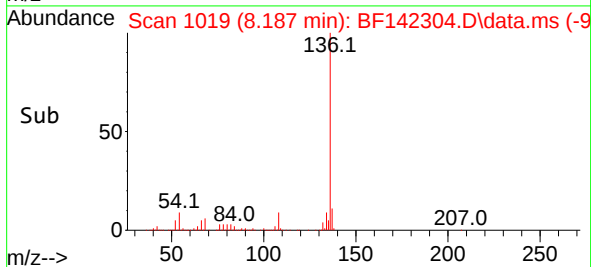
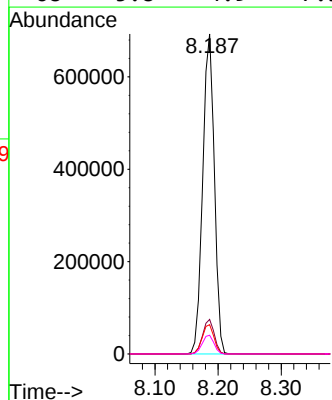
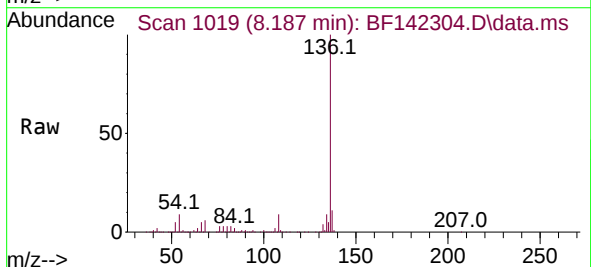
Instrument :
BNA_F
ClientSampleId :
PB167836BL

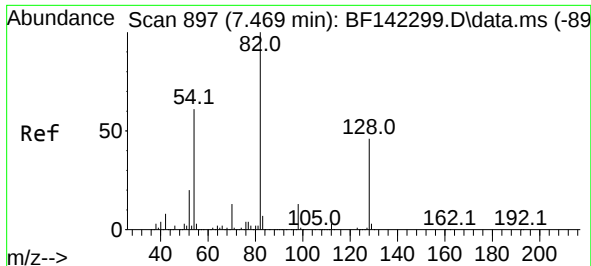
Tgt Ion: 99 Resp: 2080795
Ion Ratio Lower Upper
99 100
42 21.2 17.0 25.4
71 33.2 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142304.D
Acq: 05 May 2025 18:41

Tgt Ion:136 Resp: 886043
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.1 7.7 11.5
68 5.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 87.820 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142304.D

Acq: 05 May 2025 18:41

Instrument :

BNA_F

ClientSampleId :

PB167836BL

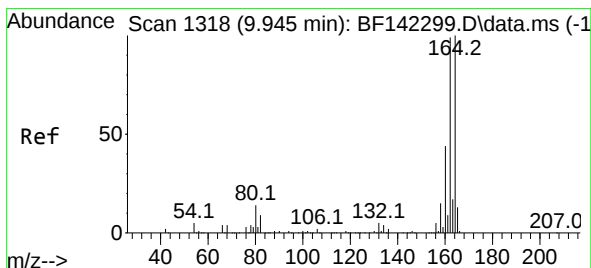
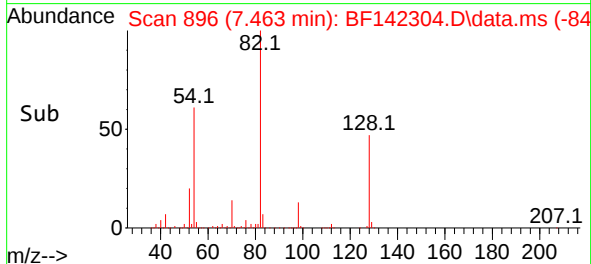
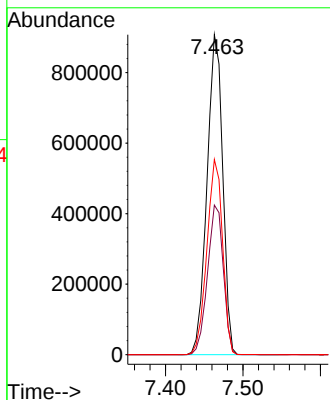
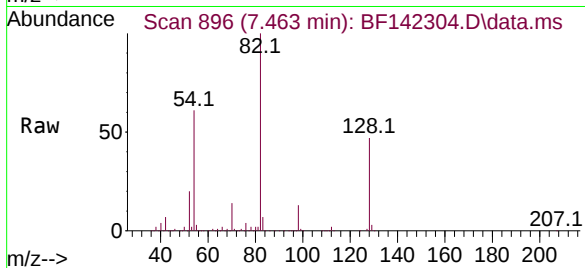
Tgt Ion: 82 Resp: 1275874

Ion Ratio Lower Upper

82 100

128 46.7 37.0 55.6

54 61.0 48.6 73.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF142304.D

Acq: 05 May 2025 18:41

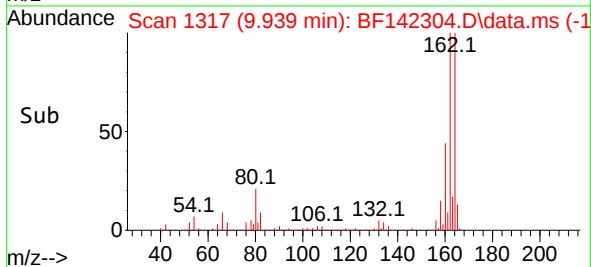
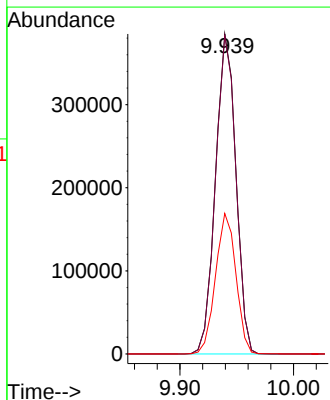
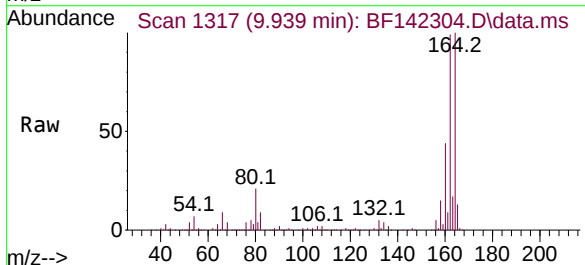
Tgt Ion:164 Resp: 480961

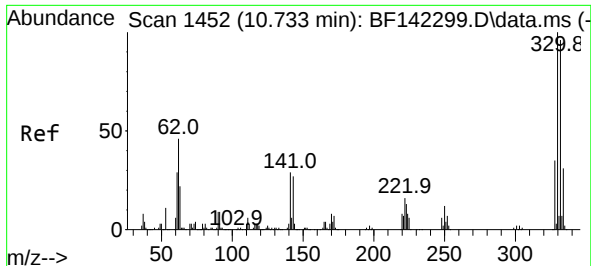
Ion Ratio Lower Upper

164 100

162 99.5 79.2 118.8

160 43.9 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 142.115 ng

RT: 10.733 min Scan# 1452

Delta R.T. -0.000 min

Lab File: BF142304.D

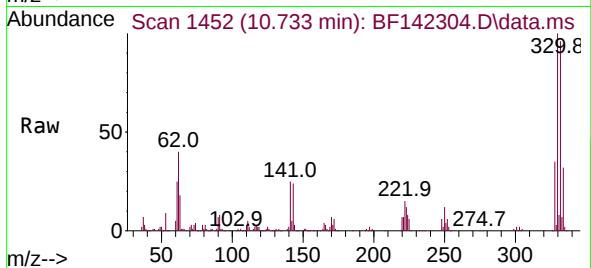
Acq: 05 May 2025 18:41

Instrument :

BNA_F

ClientSampleId :

PB167836BL



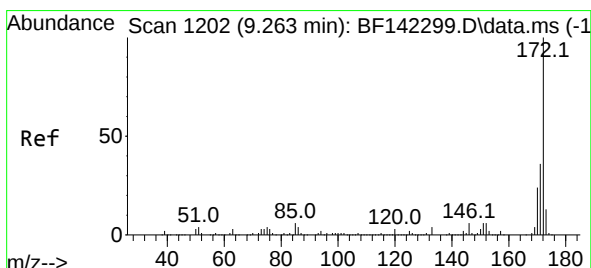
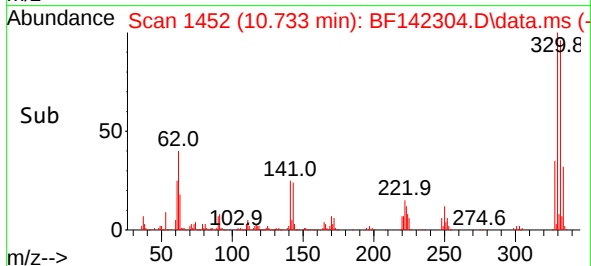
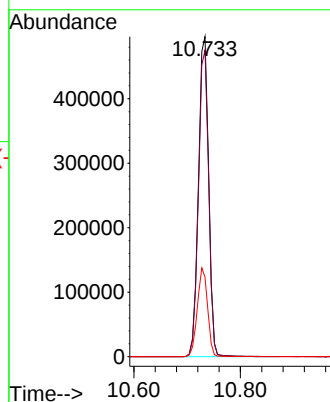
Tgt Ion:330 Resp: 659924

Ion Ratio Lower Upper

330 100

332 95.5 76.8 115.2

141 27.8 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 76.845 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.000 min

Lab File: BF142304.D

Acq: 05 May 2025 18:41

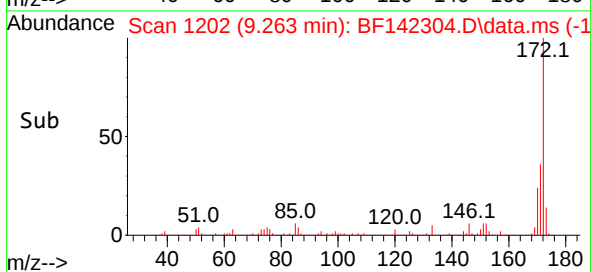
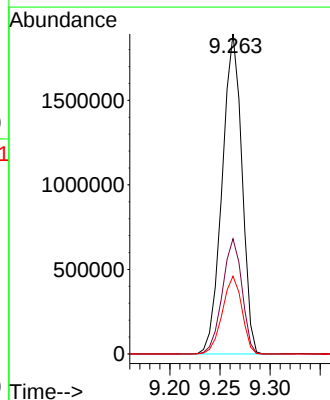
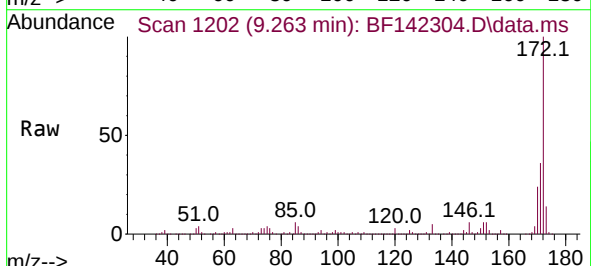
Tgt Ion:172 Resp: 2592047

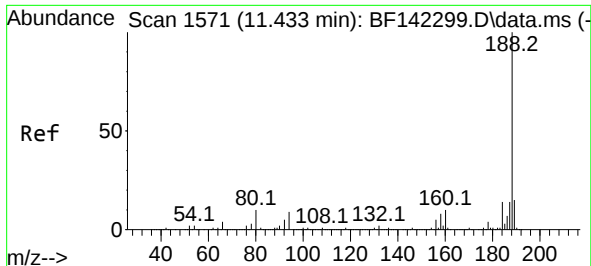
Ion Ratio Lower Upper

172 100

171 36.0 28.6 42.8

170 24.3 19.0 28.4

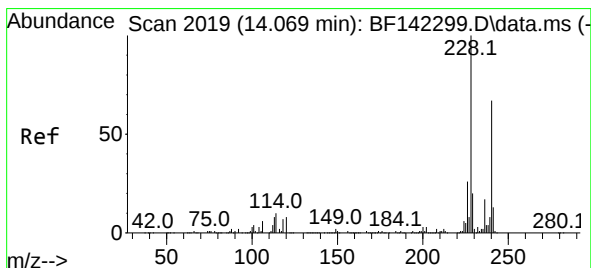
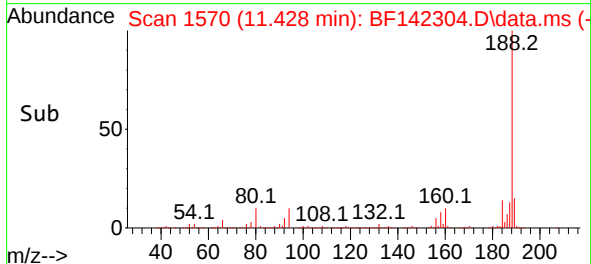
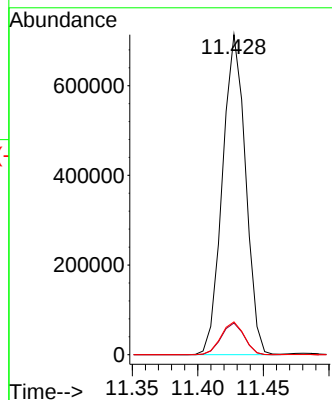
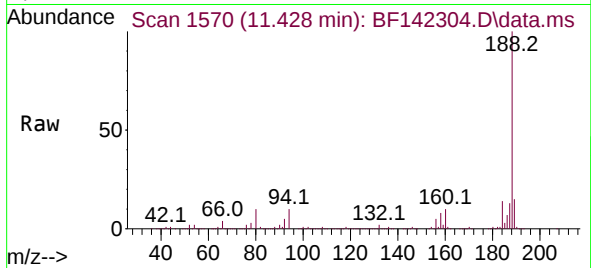




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142304.D
Acq: 05 May 2025 18:41

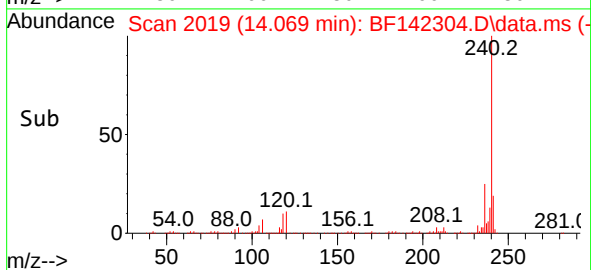
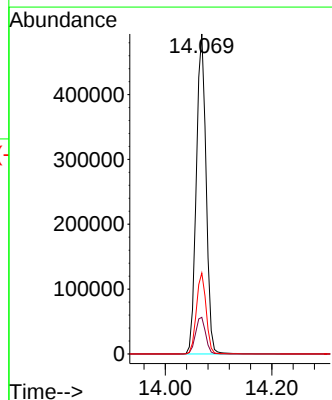
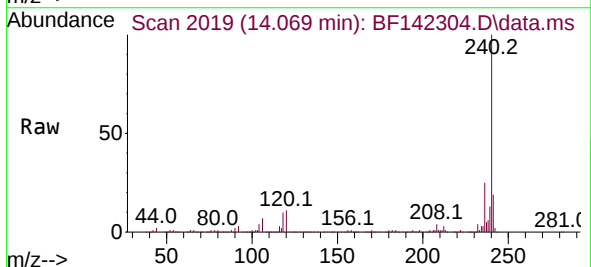
Instrument :
BNA_F
ClientSampleId :
PB167836BL

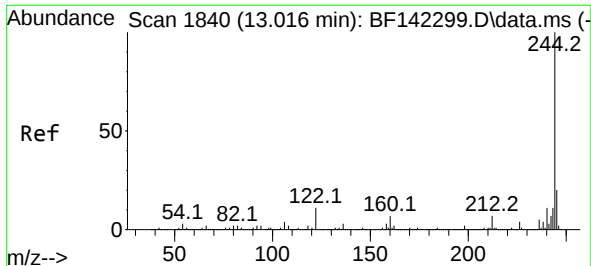
Tgt Ion:188 Resp: 875126
Ion Ratio Lower Upper
188 100
94 9.9 7.5 11.3
80 10.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142304.D
Acq: 05 May 2025 18:41

Tgt Ion:240 Resp: 629062
Ion Ratio Lower Upper
240 100
120 11.4 9.7 14.5
236 25.3 20.0 30.0

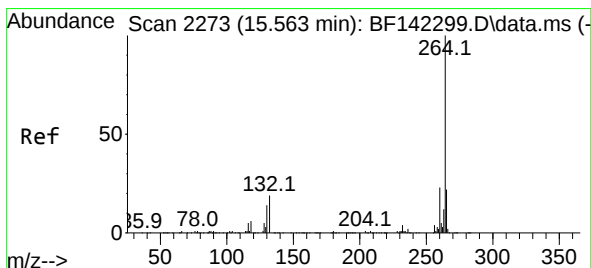
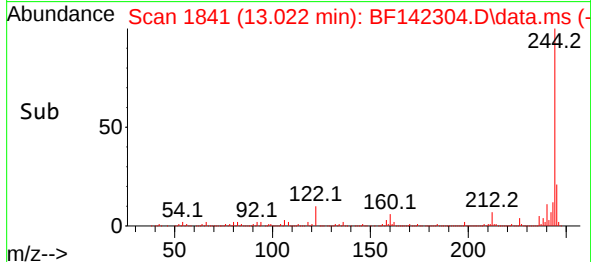
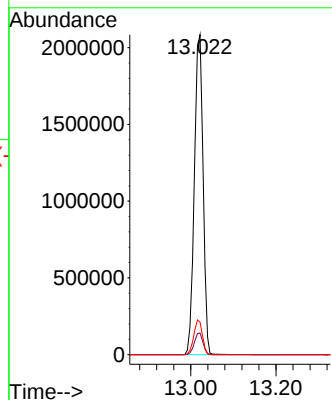
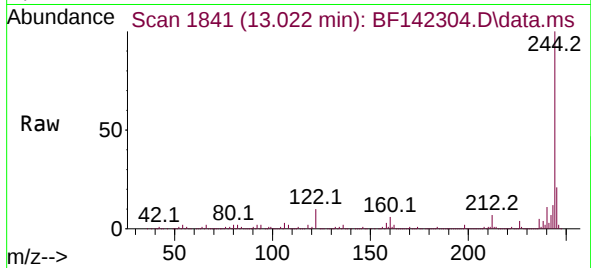




#79
 Terphenyl-d14
 Concen: 69.652 ng
 RT: 13.022 min Scan# 1841
 Delta R.T. 0.006 min
 Lab File: BF142304.D
 Acq: 05 May 2025 18:41

Instrument :
 BNA_F
 ClientSampleId :
 PB167836BL

Tgt Ion:244 Resp: 2960311
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.2 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF142304.D
 Acq: 05 May 2025 18:41

Tgt Ion:264 Resp: 442703
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 27.8
 265 21.5 17.5 26.3

