

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062624\
Data File : BF138351.D
Acq On : 26 Jun 2024 14:45
Operator : CG\JU
Sample : PB161725BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB161725BL

Quant Time: Jun 26 15:16:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	242266	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	982512	20.000	ng	#-0.01
39) Acenaphthene-d10	9.916	164	570913	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	1092297	20.000	ng	-0.02
76) Chrysene-d12	14.039	240	665866	20.000	ng	-0.01
86) Perylene-d12	15.510	264	601443	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1706069	117.803	ng	0.00
7) Phenol-d6	6.516	99	2137132	116.374	ng	0.00
23) Nitrobenzene-d5	7.445	82	1345291	79.712	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	737630	129.783	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	2607663	72.631	ng	-0.01
79) Terphenyl-d14	12.992	244	3351227	79.712	ng	0.00

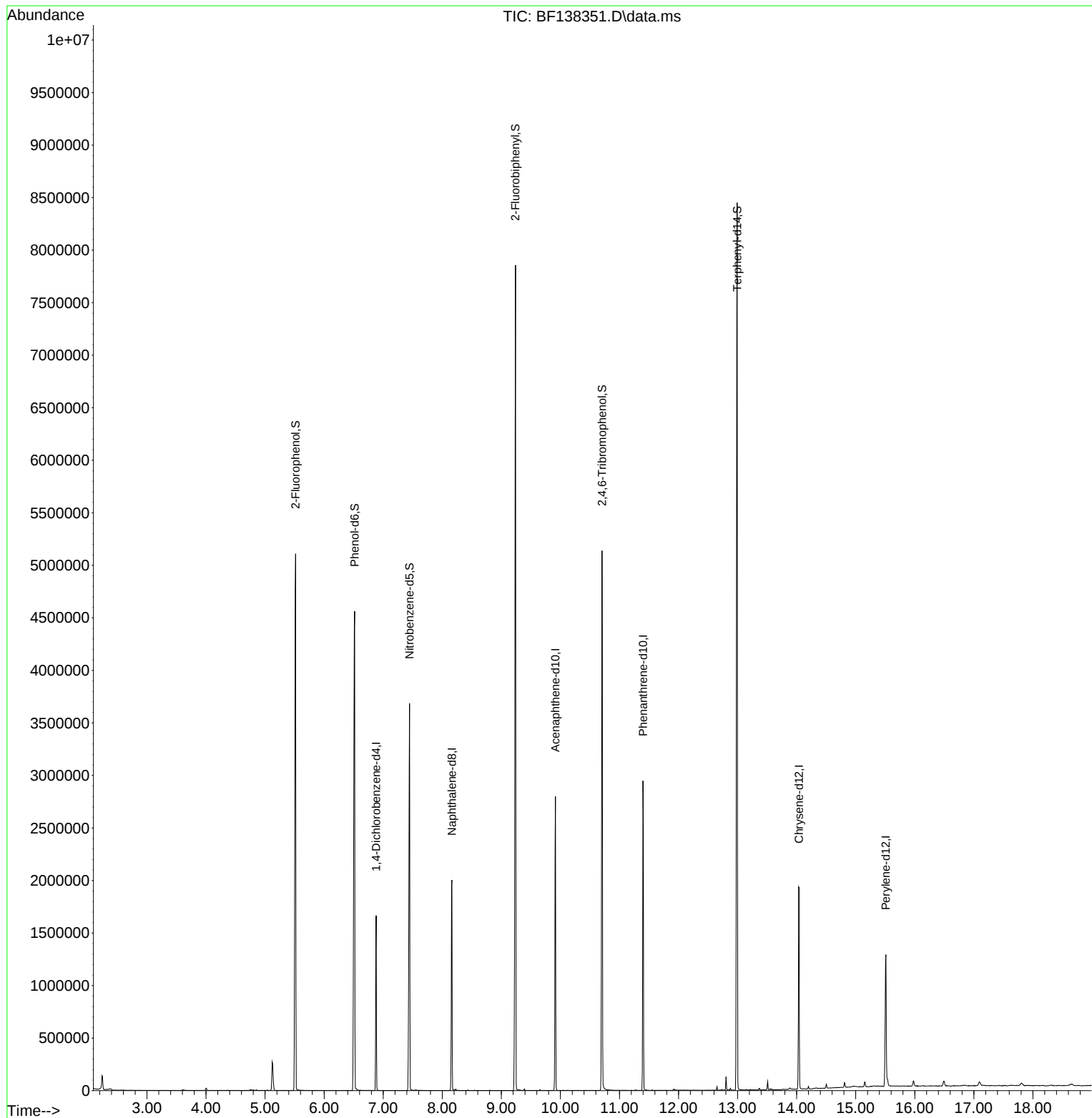
Target Compounds	Qvalue

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

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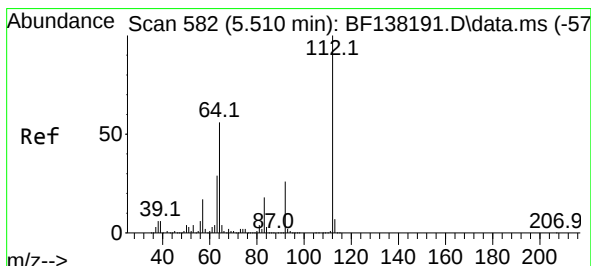
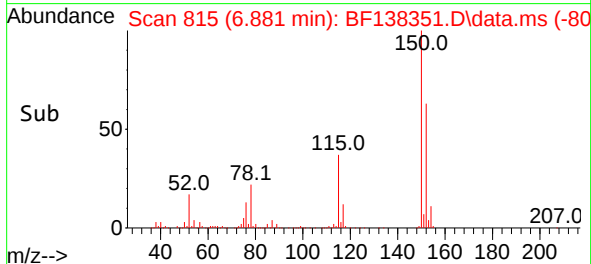
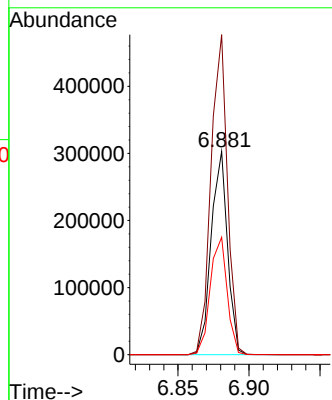
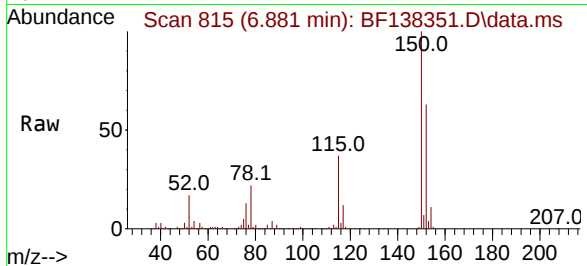




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 815
 Delta R.T. -0.012 min
 Lab File: BF138351.D
 Acq: 26 Jun 2024 14:45

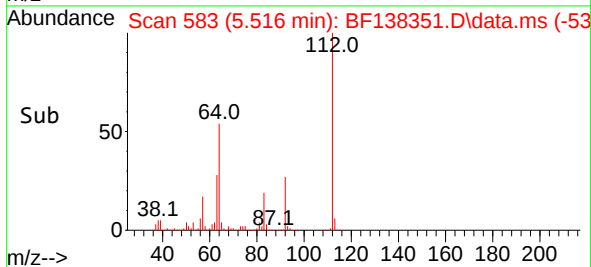
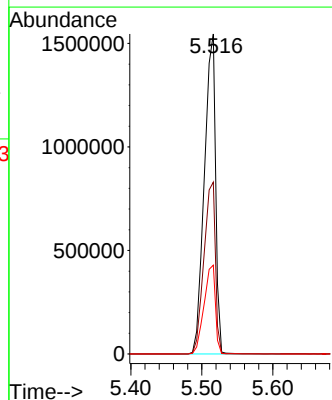
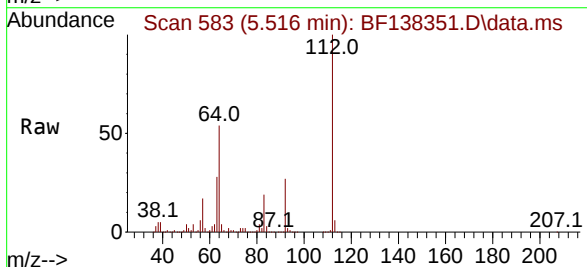
Instrument :
 BNA_F
 ClientSampleId :
 PB161725BL

Tgt Ion:152 Resp: 242266
 Ion Ratio Lower Upper
 152 100
 150 157.5 125.0 187.4
 115 57.8 48.4 72.6



#5
 2-Fluorophenol
 Concen: 117.803 ng
 RT: 5.516 min Scan# 583
 Delta R.T. 0.006 min
 Lab File: BF138351.D
 Acq: 26 Jun 2024 14:45

Tgt Ion:112 Resp: 1706069
 Ion Ratio Lower Upper
 112 100
 64 53.7 45.2 67.8
 63 27.7 22.9 34.3

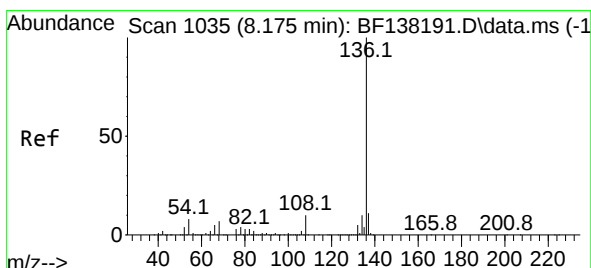
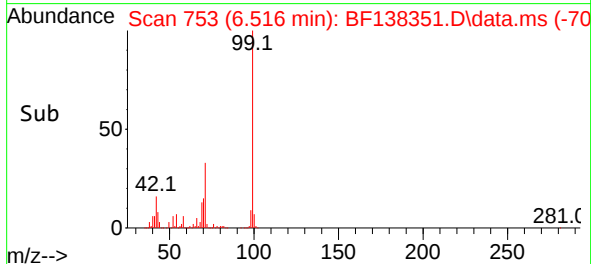
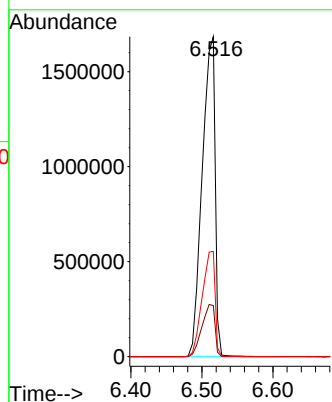
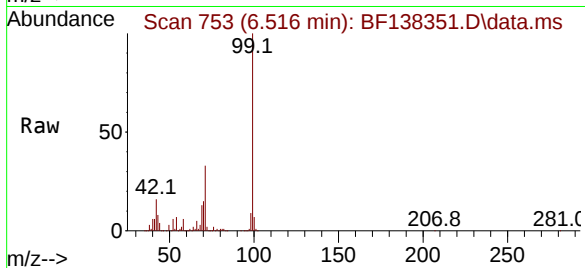




#7
Phenol-d6
Concen: 116.374 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138351.D
Acq: 26 Jun 2024 14:45

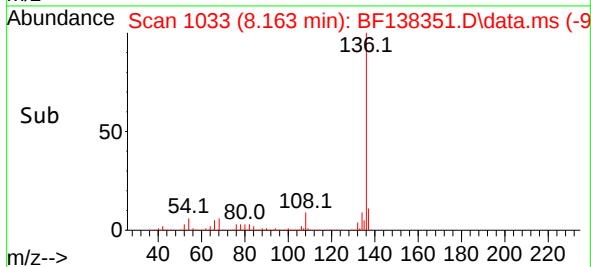
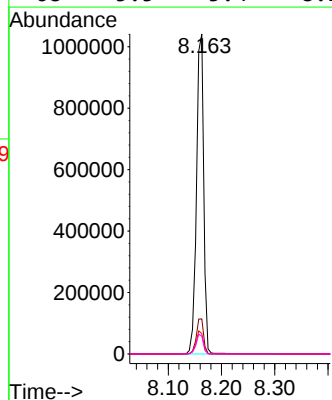
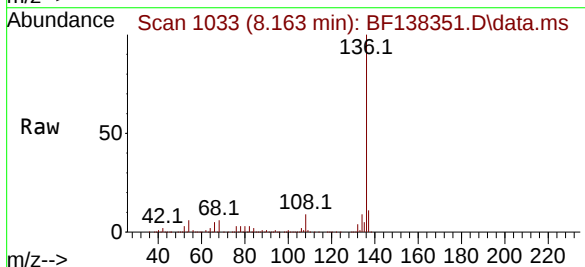
Instrument :
BNA_F
ClientSampleId :
PB161725BL

Tgt Ion: 99 Resp: 2137132
Ion Ratio Lower Upper
99 100
42 16.0 13.7 20.5
71 32.9 25.0 37.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138351.D
Acq: 26 Jun 2024 14:45

Tgt Ion:136 Resp: 982512
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 6.4 6.6 10.0#
68 5.5 5.4 8.2





#23

Nitrobenzene-d5

Concen: 79.712 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF138351.D

Acq: 26 Jun 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB161725BL

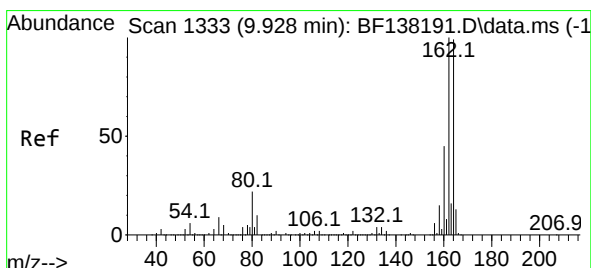
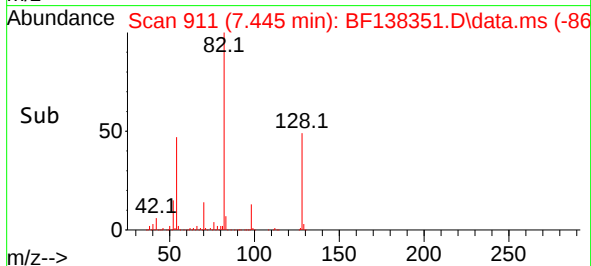
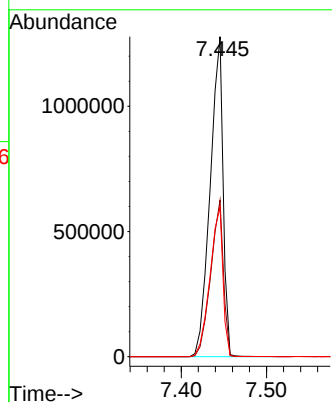
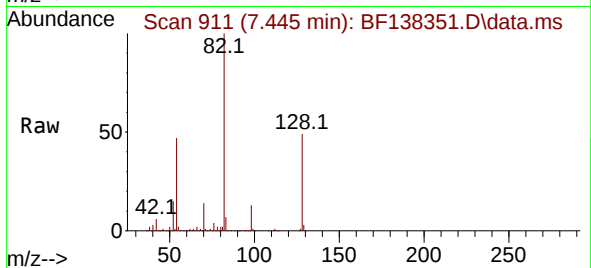
Tgt Ion: 82 Resp: 1345291

Ion Ratio Lower Upper

82 100

128 48.9 37.2 55.8

54 46.7 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1331

Delta R.T. -0.012 min

Lab File: BF138351.D

Acq: 26 Jun 2024 14:45

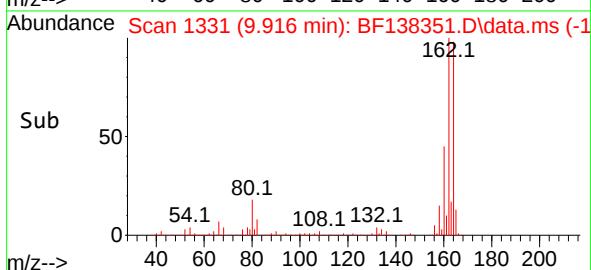
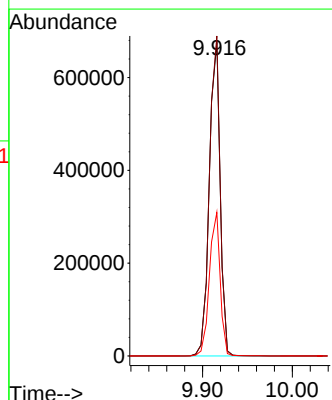
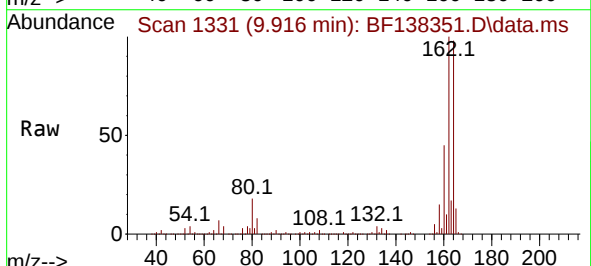
Tgt Ion:164 Resp: 570913

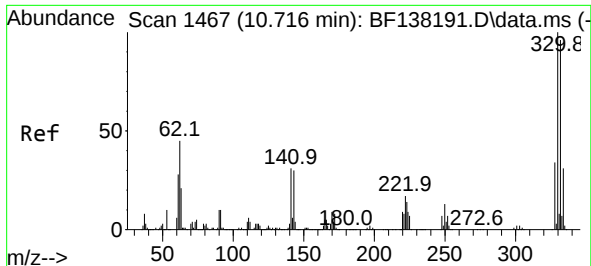
Ion Ratio Lower Upper

164 100

162 102.0 80.6 121.0

160 45.7 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 129.783 ng

RT: 10.704 min Scan# 1465

Delta R.T. -0.012 min

Lab File: BF138351.D

Acq: 26 Jun 2024 14:45

Instrument :

BNA_F

ClientSampleId :

PB161725BL

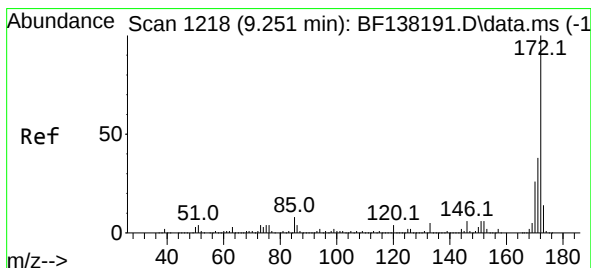
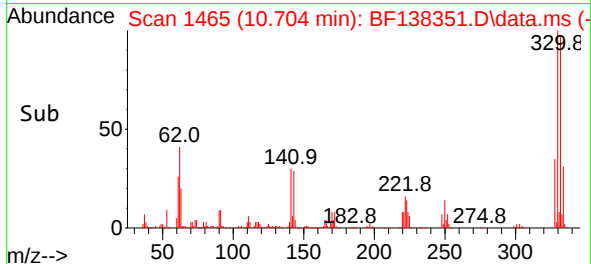
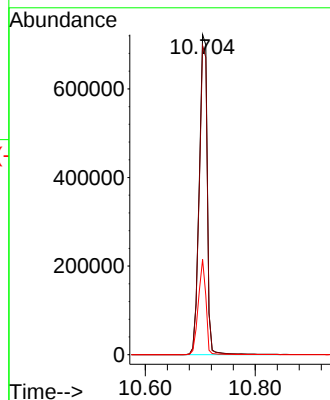
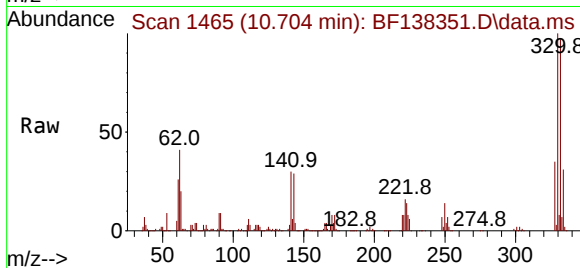
Tgt Ion:330 Resp: 737630

Ion Ratio Lower Upper

330 100

332 96.8 76.6 115.0

141 27.9 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 72.631 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF138351.D

Acq: 26 Jun 2024 14:45

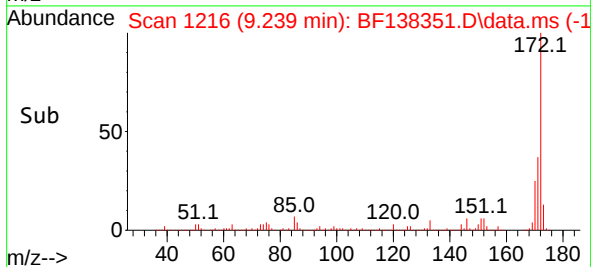
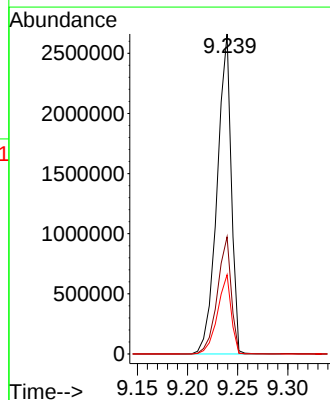
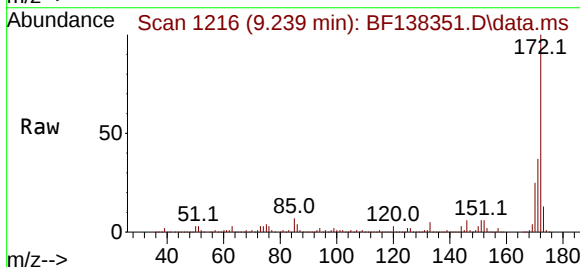
Tgt Ion:172 Resp: 2607663

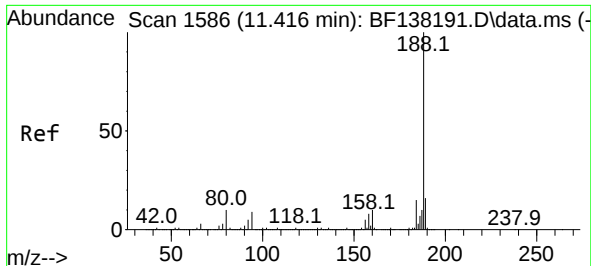
Ion Ratio Lower Upper

172 100

171 36.6 30.3 45.5

170 24.8 20.6 30.8

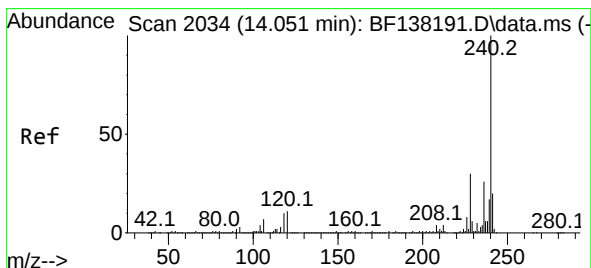
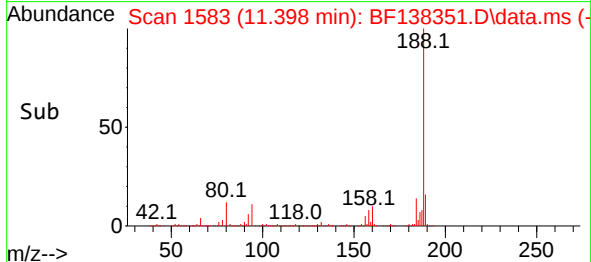
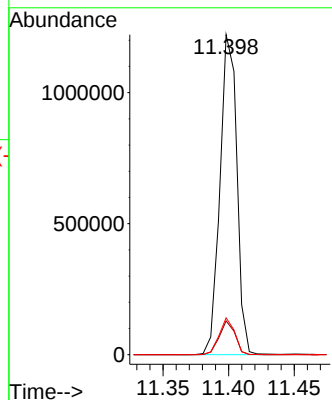
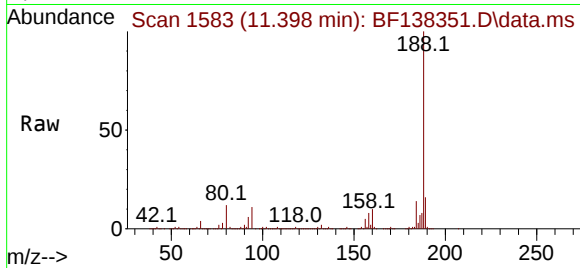




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138351.D
Acq: 26 Jun 2024 14:45

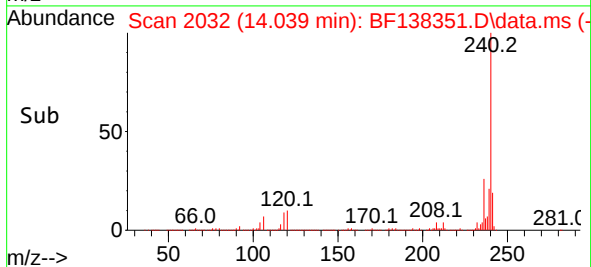
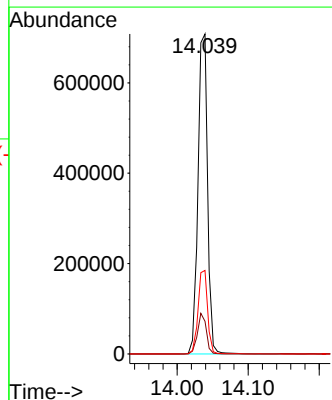
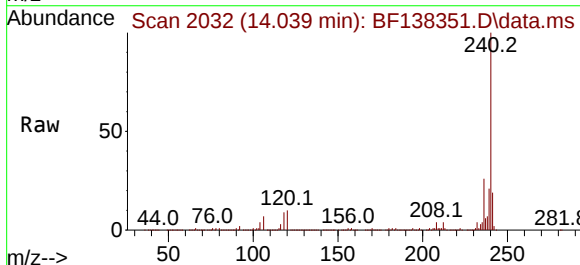
Instrument :
BNA_F
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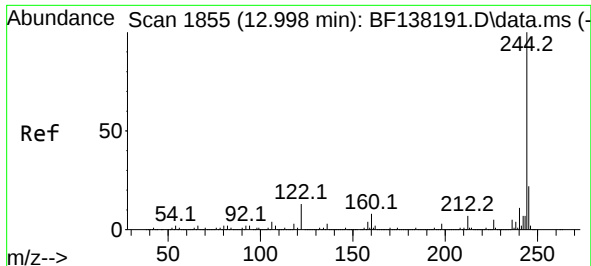
Tgt Ion:188 Resp: 1092297
Ion Ratio Lower Upper
188 100
94 10.5 7.6 11.4
80 11.5 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF138351.D
Acq: 26 Jun 2024 14:45

Tgt Ion:240 Resp: 665866
Ion Ratio Lower Upper
240 100
120 10.2 9.2 13.8
236 26.1 21.0 31.6

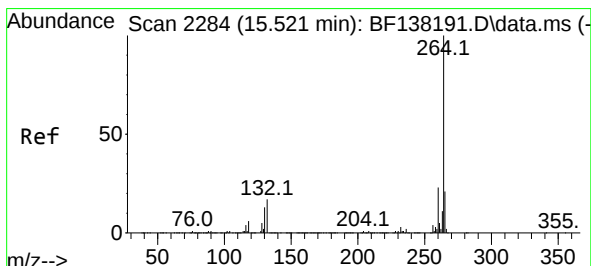
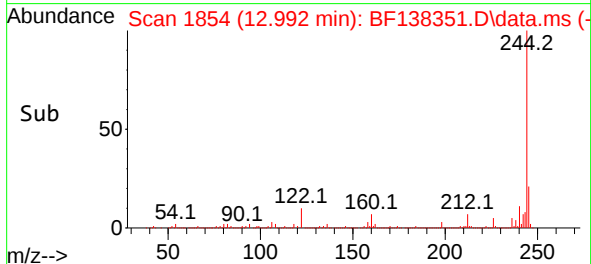
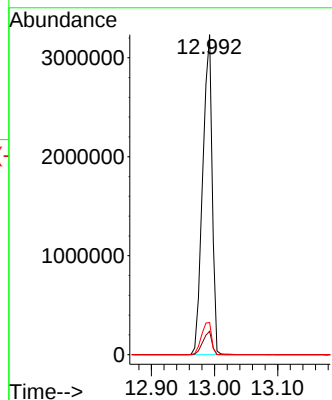
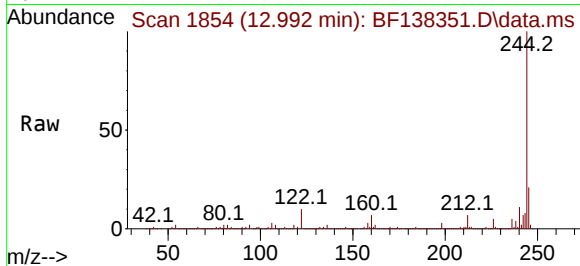




#79
 Terphenyl-d14
 Concen: 79.712 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.006 min
 Lab File: BF138351.D
 Acq: 26 Jun 2024 14:45

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 3351227
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 10.0 10.6 15.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2282
 Delta R.T. -0.012 min
 Lab File: BF138351.D
 Acq: 26 Jun 2024 14:45

Tgt Ion:264 Resp: 601443
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 22.0 17.0 25.6

