

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062024\
 Data File : BF138274.D
 Acq On : 20 Jun 2024 21:13
 Operator : CG\JU
 Sample : P2977-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-B5

Quant Time: Jun 21 01:20:35 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	317632	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1222172	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	668667	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	1044401	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	583684	20.000	ng	-0.01
86) Perylene-d12	15.510	264	688280	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1451042	76.420	ng	0.00
7) Phenol-d6	6.510	99	1790773	74.376	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1103256	52.552	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	505620	75.956	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	2115700	50.313	ng	-0.01
79) Terphenyl-d14	12.986	244	1866157	50.638	ng	-0.01

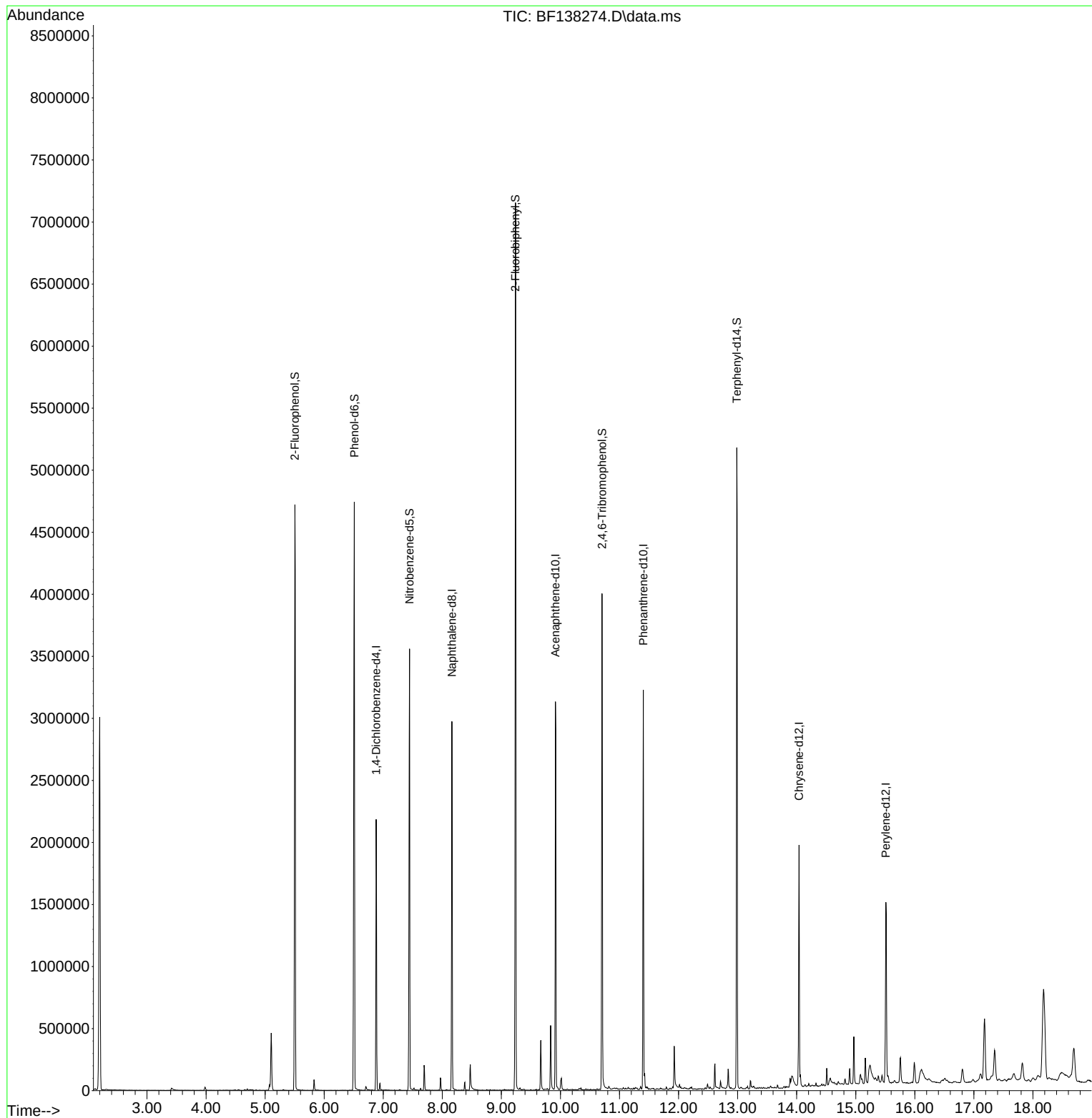
Target Compounds	Qvalue

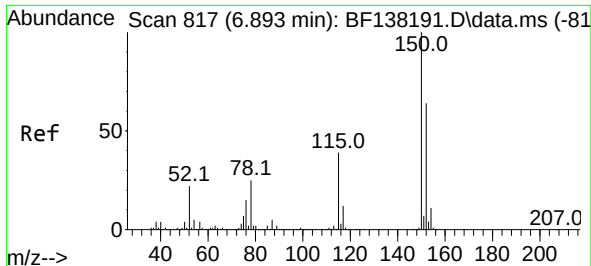
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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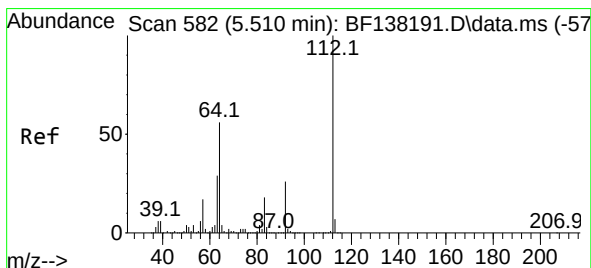
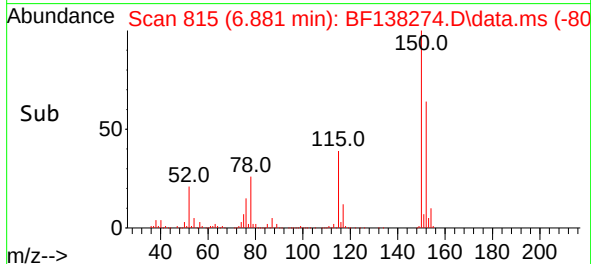
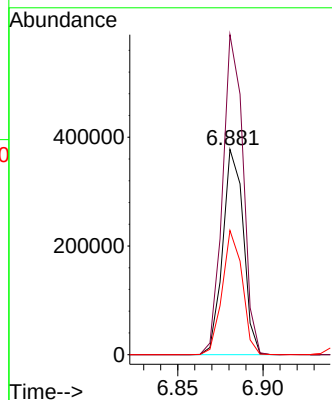
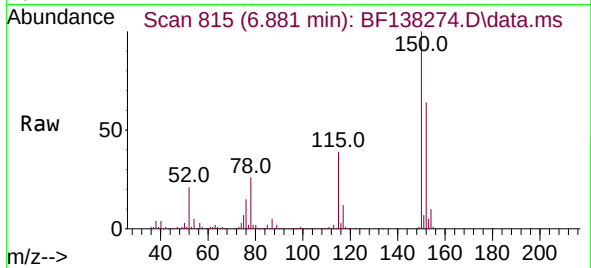




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF138274.D
 Acq: 20 Jun 2024 21:13

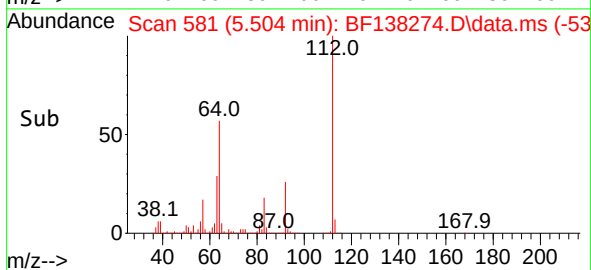
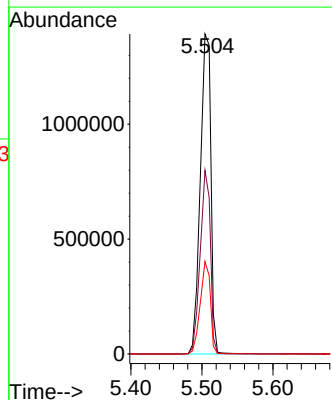
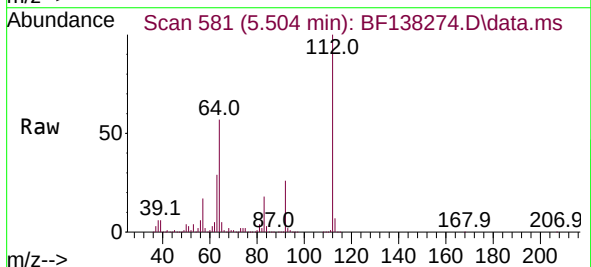
Instrument :
 BNA_F
 ClientSampleId :
 OSTL-B5

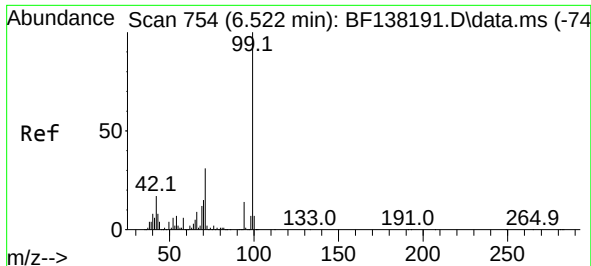
Tgt Ion:152 Resp: 317632
 Ion Ratio Lower Upper
 152 100
 150 155.9 125.0 187.4
 115 60.5 48.4 72.6



#5
 2-Fluorophenol
 Concen: 76.420 ng
 RT: 5.504 min Scan# 581
 Delta R.T. -0.006 min
 Lab File: BF138274.D
 Acq: 20 Jun 2024 21:13

Tgt Ion:112 Resp: 1451042
 Ion Ratio Lower Upper
 112 100
 64 57.3 45.2 67.8
 63 28.9 22.9 34.3

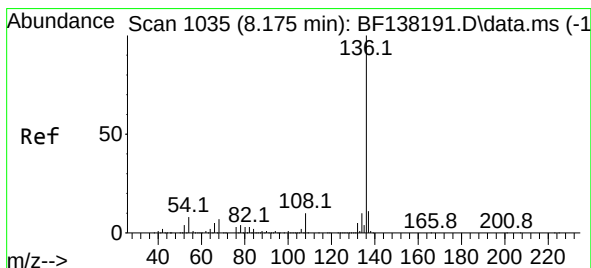
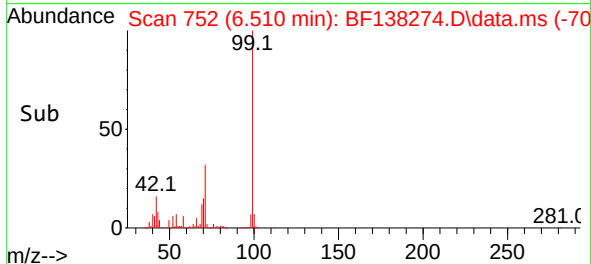
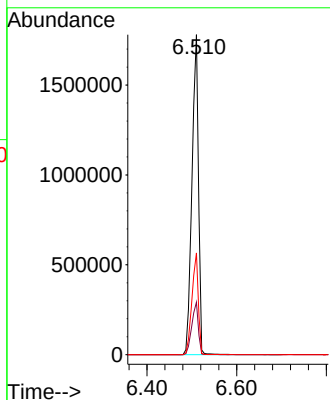
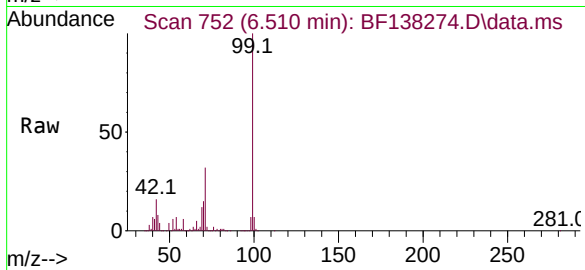




#7
Phenol-d6
Concen: 74.376 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138274.D
Acq: 20 Jun 2024 21:13

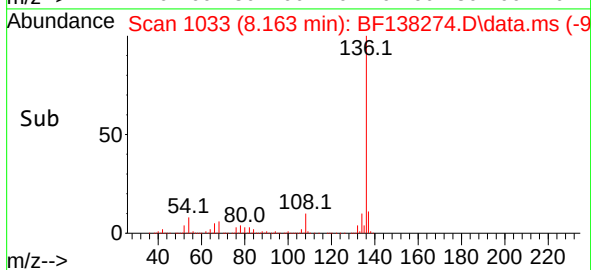
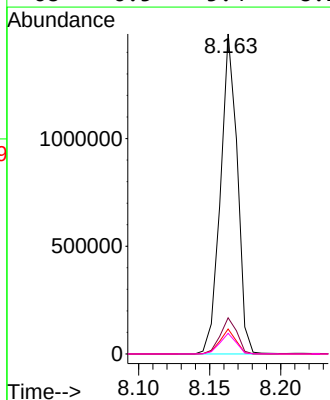
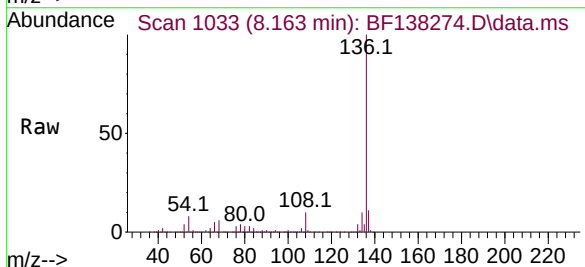
Instrument :
BNA_F
ClientSampleId :
OSTL-B5

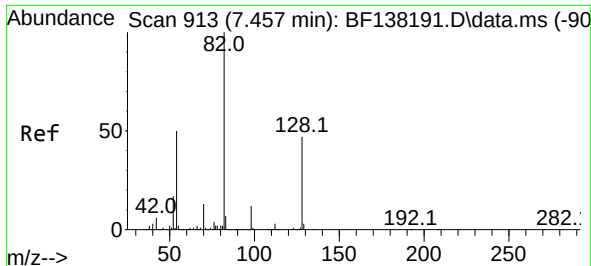
Tgt Ion: 99 Resp: 1790773
Ion Ratio Lower Upper
99 100
42 16.4 13.7 20.5
71 31.8 25.0 37.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138274.D
Acq: 20 Jun 2024 21:13

Tgt Ion: 136 Resp: 1222172
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.8 6.6 10.0
68 6.5 5.4 8.2





#23

Nitrobenzene-d5

Concen: 52.552 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF138274.D

Acq: 20 Jun 2024 21:13

Instrument :

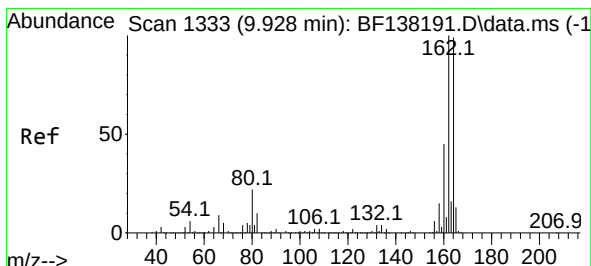
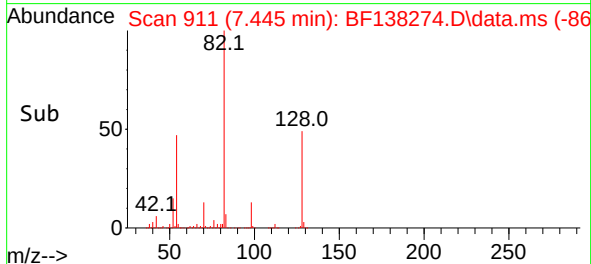
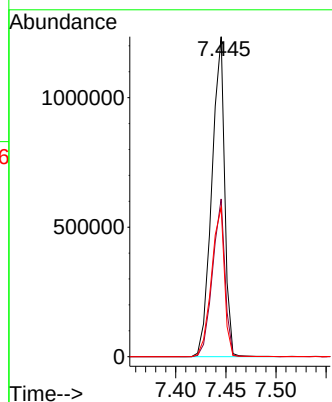
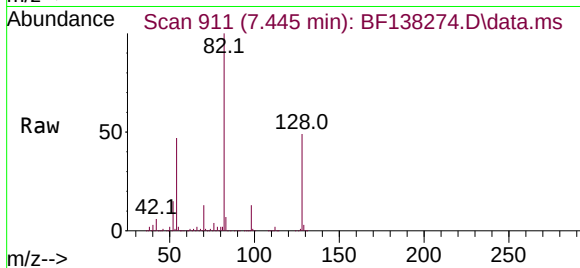
BNA_F

ClientSampleId :

OSTL-B5

Tgt Ion: 82 Resp: 1103256

Ion	Ratio	Lower	Upper
82	100		
128	49.3	37.2	55.8
54	46.7	39.8	59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1331

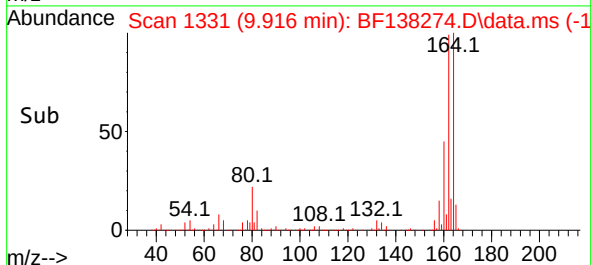
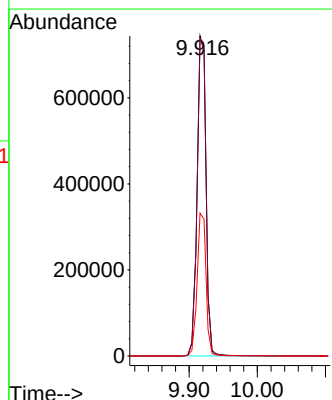
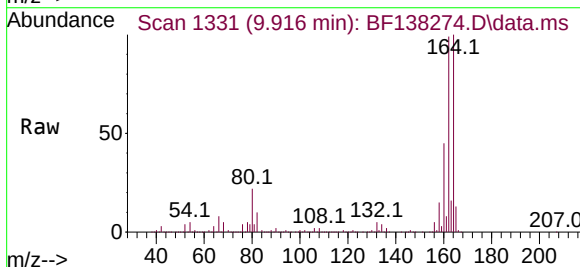
Delta R.T. -0.012 min

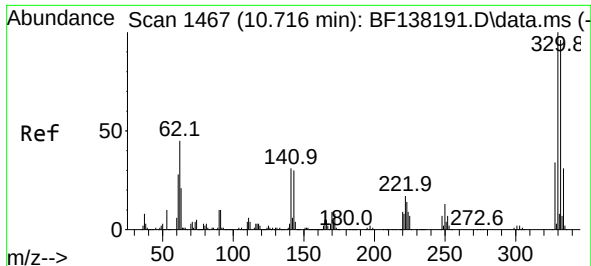
Lab File: BF138274.D

Acq: 20 Jun 2024 21:13

Tgt Ion: 164 Resp: 668667

Ion	Ratio	Lower	Upper
164	100		
162	99.2	80.6	121.0
160	44.6	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 75.956 ng

RT: 10.704 min Scan# 1465

Delta R.T. -0.012 min

Lab File: BF138274.D

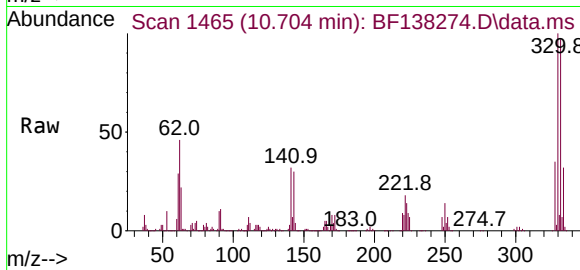
Acq: 20 Jun 2024 21:13

Instrument :

BNA_F

ClientSampleId :

OSTL-B5



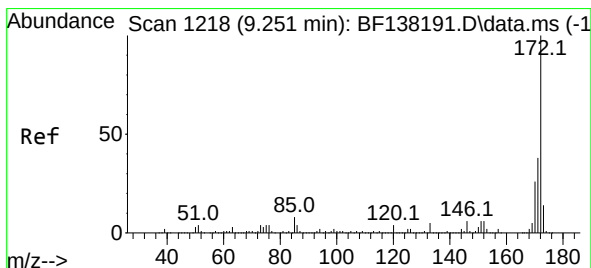
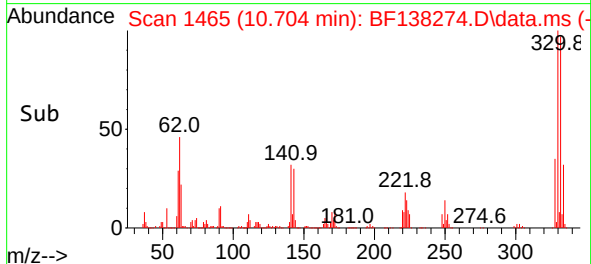
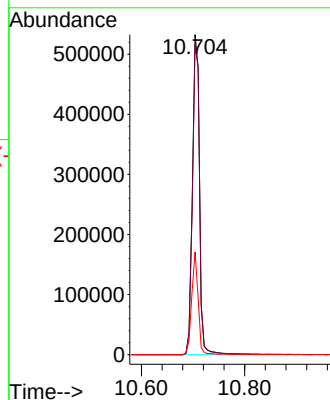
Tgt Ion:330 Resp: 505620

Ion Ratio Lower Upper

330 100

332 97.8 76.6 115.0

141 29.4 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 50.313 ng

RT: 9.239 min Scan# 1216

Delta R.T. -0.012 min

Lab File: BF138274.D

Acq: 20 Jun 2024 21:13

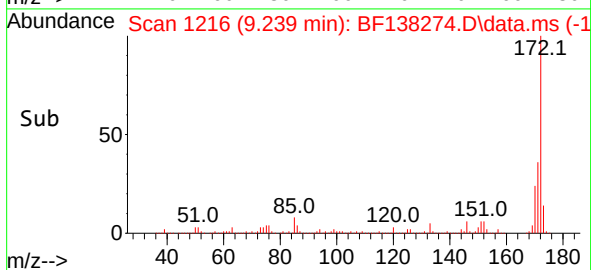
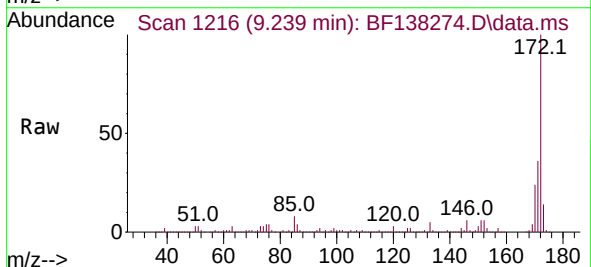
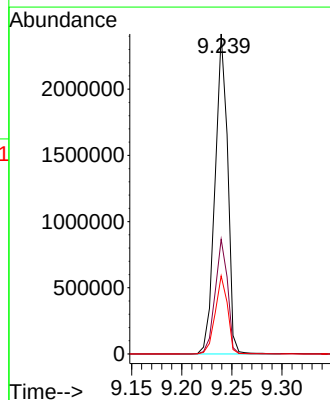
Tgt Ion:172 Resp: 2115700

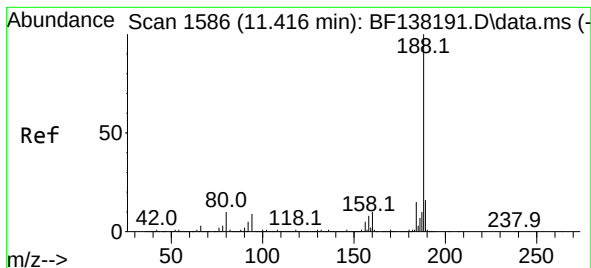
Ion Ratio Lower Upper

172 100

171 35.8 30.3 45.5

170 24.4 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138274.D

Acq: 20 Jun 2024 21:13

Instrument :

BNA_F

ClientSampleId :

OSTL-B5

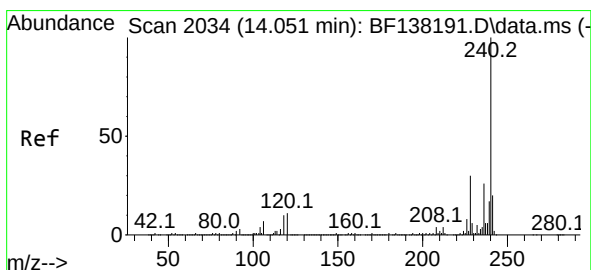
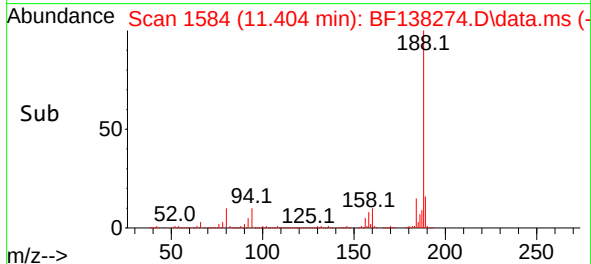
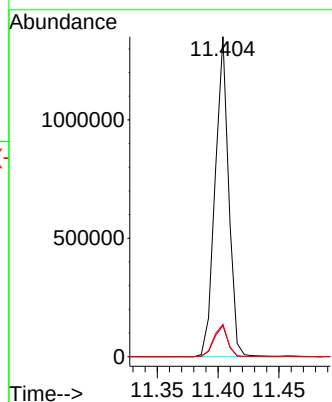
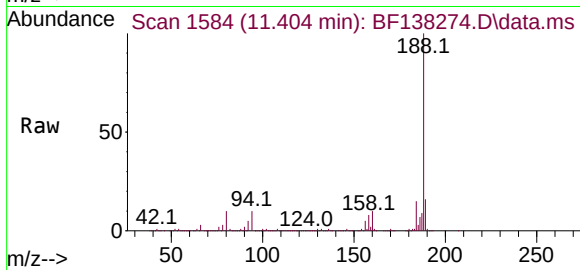
Tgt Ion:188 Resp: 1044401

Ion Ratio Lower Upper

188 100

94 9.7 7.6 11.4

80 10.2 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: BF138274.D

Acq: 20 Jun 2024 21:13

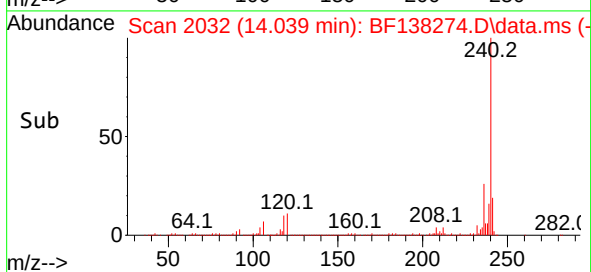
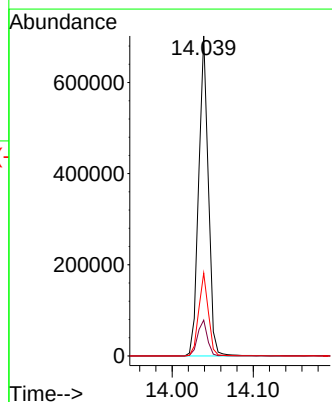
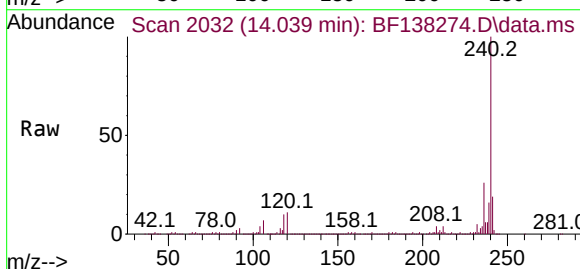
Tgt Ion:240 Resp: 583684

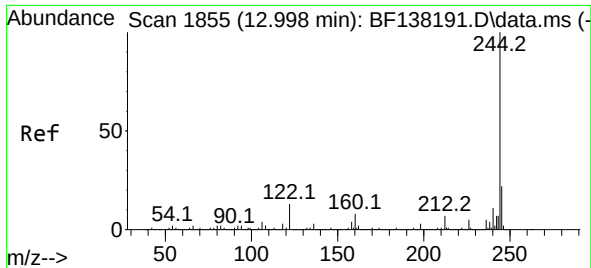
Ion Ratio Lower Upper

240 100

120 11.2 9.2 13.8

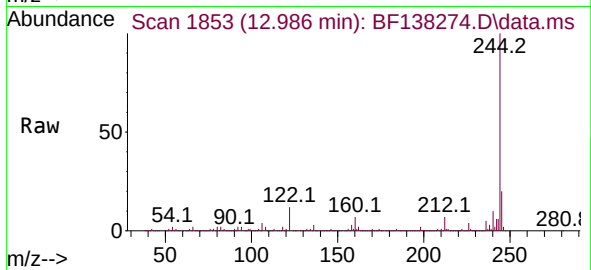
236 25.9 21.0 31.6



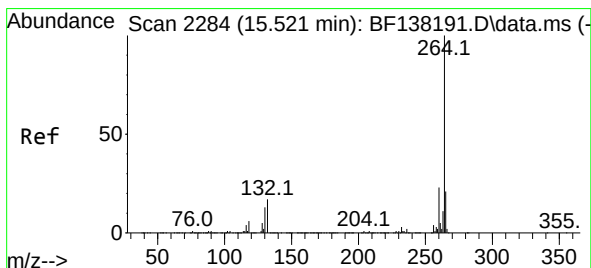
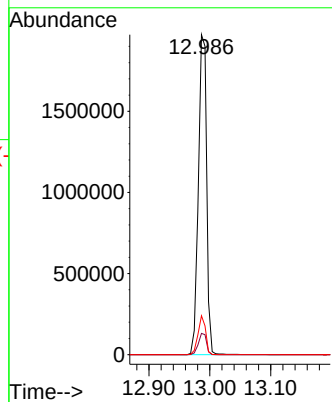
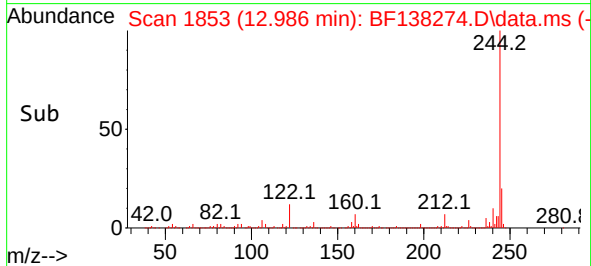


#79
 Terphenyl-d14
 Concen: 50.638 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.012 min
 Lab File: BF138274.D
 Acq: 20 Jun 2024 21:13

Instrument :
 BNA_F
 ClientSampleId :
 OSTL-B5



Tgt Ion:244 Resp: 1866157
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 12.1 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: BF138274.D
 Acq: 20 Jun 2024 21:13

Tgt Ion:264 Resp: 688280
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.7 28.1
 265 21.7 17.0 25.6

