

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071124\
 Data File : BF138525.D
 Acq On : 11 Jul 2024 16:12
 Operator : CG\JU
 Sample : P3184-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP(00187-00189-00186)

Quant Time: Jul 11 16:37:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	87923	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	353016	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	194613	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	300152	20.000	ng	0.00
76) Chrysene-d12	14.016	240	170653	20.000	ng	-0.01
86) Perylene-d12	15.480	264	145695	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	773881	139.399	ng	0.02
7) Phenol-d6	6.504	99	928716	125.754	ng	0.00
23) Nitrobenzene-d5	7.428	82	730843	101.646	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	255714	140.591	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1263004	101.430	ng	0.00
79) Terphenyl-d14	12.969	244	1054011	100.620	ng	0.00

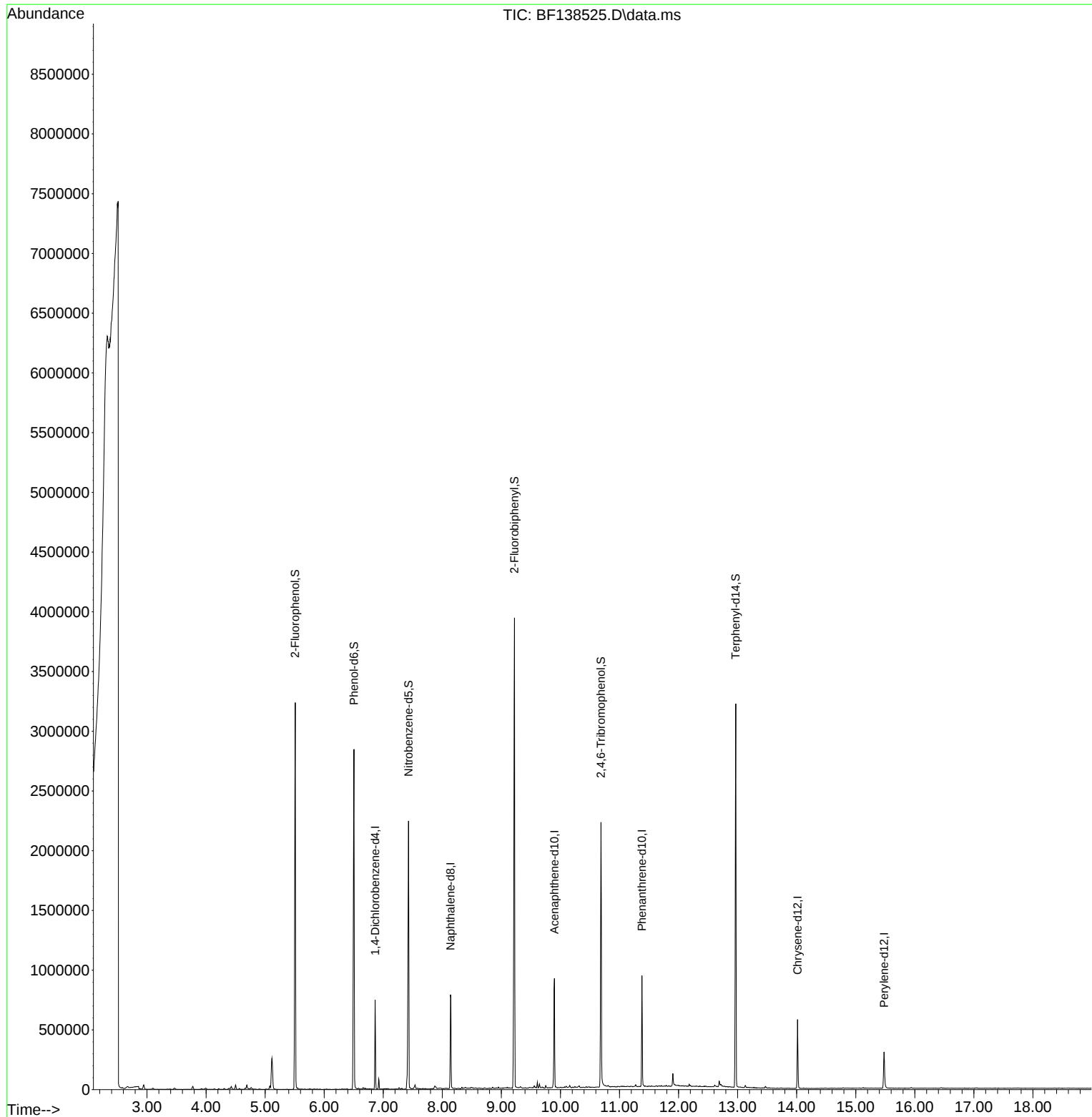
Target Compounds	Qvalue

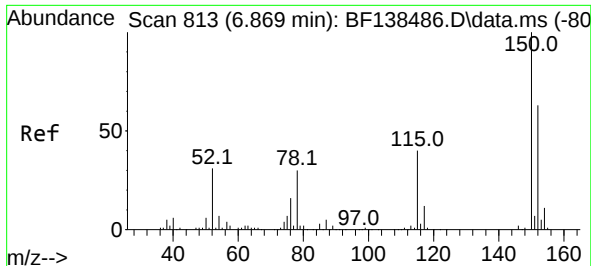
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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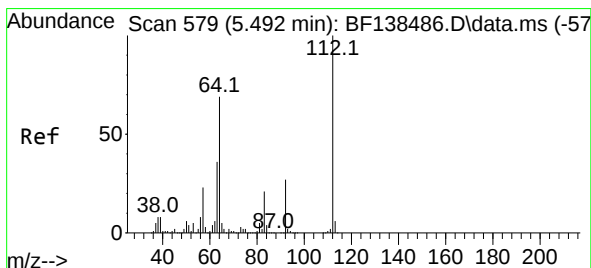
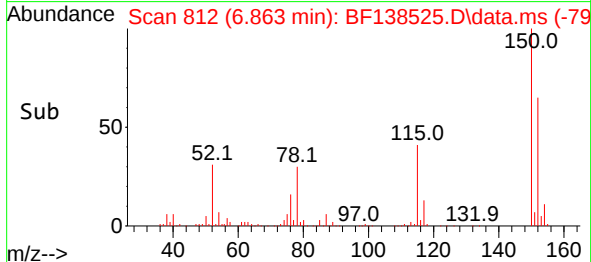
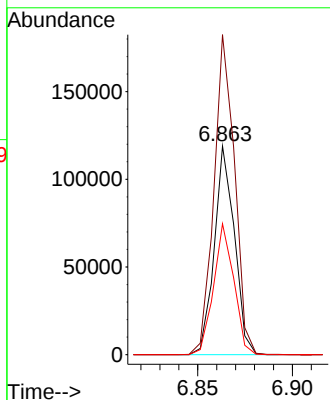
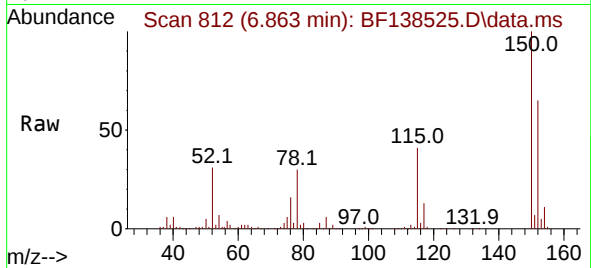




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138525.D
Acq: 11 Jul 2024 16:12

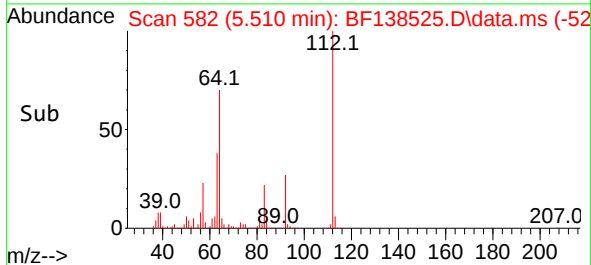
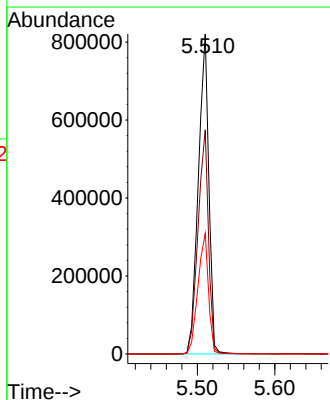
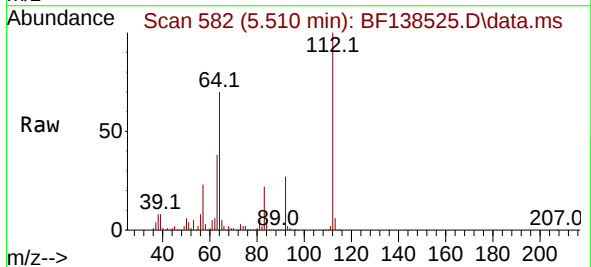
Instrument :
BNA_F
ClientSampleId :
COMP(00187-00189-00186)

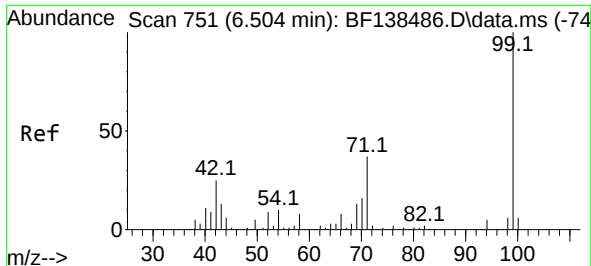
Tgt Ion:152 Resp: 87923
Ion Ratio Lower Upper
152 100
150 153.4 126.2 189.4
115 62.7 50.3 75.5



#5
2-Fluorophenol
Concen: 139.399 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF138525.D
Acq: 11 Jul 2024 16:12

Tgt Ion:112 Resp: 773881
Ion Ratio Lower Upper
112 100
64 70.0 55.1 82.7
63 37.6 29.0 43.6





#7

Phenol-d6

Concen: 125.754 ng

RT: 6.504 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF138525.D

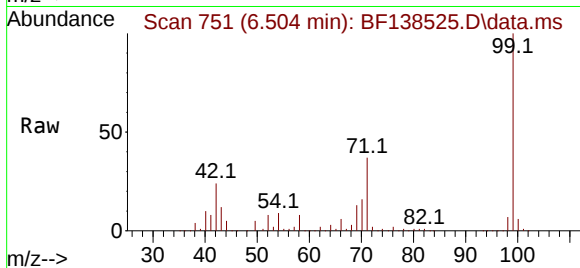
Acq: 11 Jul 2024 16:12

Instrument :

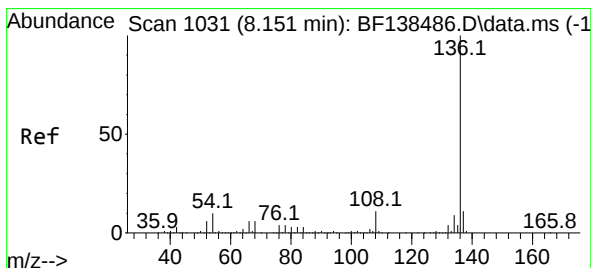
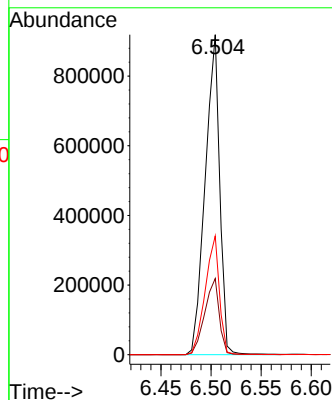
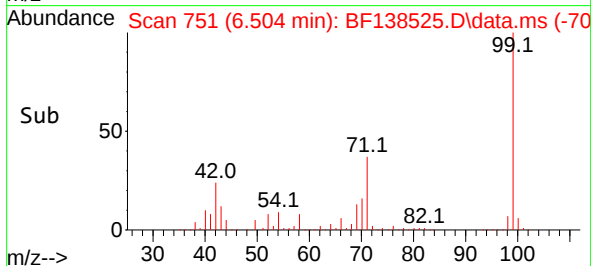
BNA_F

ClientSampleId :

COMP(00187-00189-00186)



Tgt Ion:	99	Resp:	928716
Ion	Ratio	Lower	Upper
99	100		
42	23.8	19.7	29.5
71	37.1	29.9	44.9



#21

Naphthalene-d8

Concen: 20.000 ng

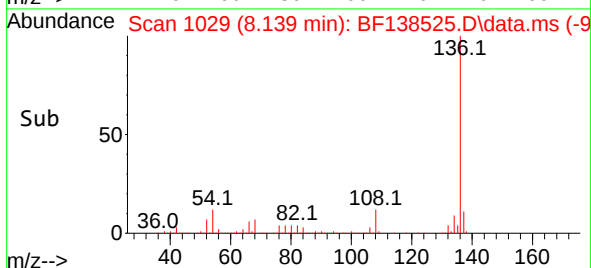
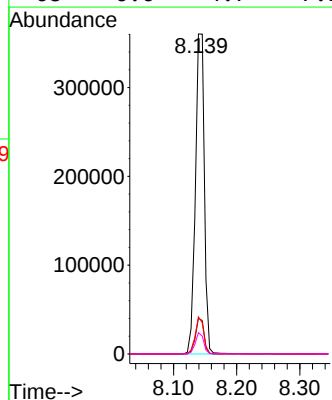
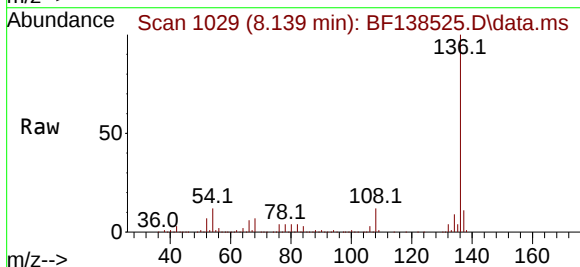
RT: 8.139 min Scan# 1029

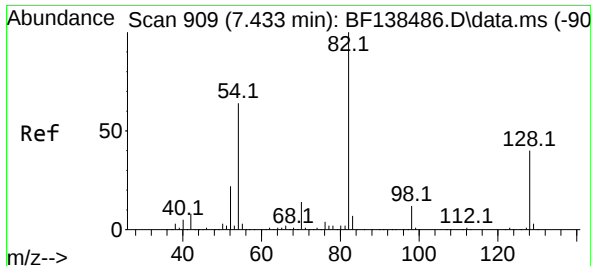
Delta R.T. -0.012 min

Lab File: BF138525.D

Acq: 11 Jul 2024 16:12

Tgt Ion:	136	Resp:	353016
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	11.6	8.1	12.1
68	6.6	4.7	7.1





#23

Nitrobenzene-d5

Concen: 101.646 ng

RT: 7.428 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF138525.D

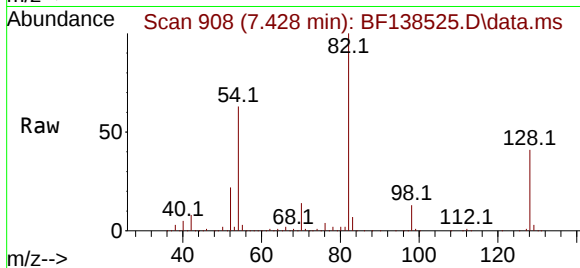
Acq: 11 Jul 2024 16:12

Instrument :

BNA_F

ClientSampleId :

COMP(00187-00189-00186)



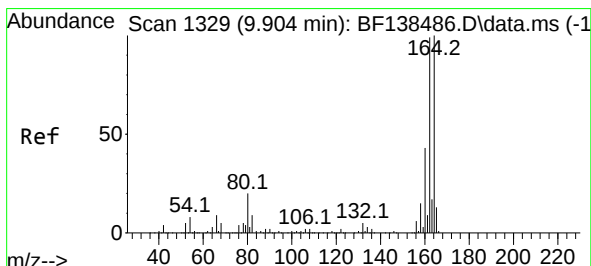
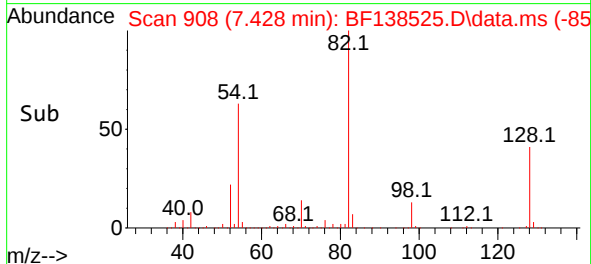
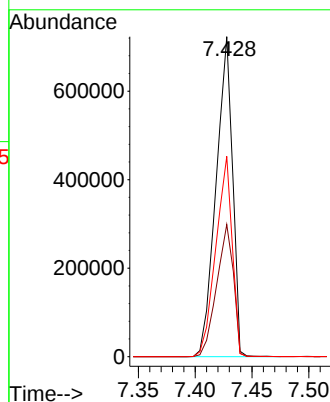
Tgt Ion: 82 Resp: 730843

Ion Ratio Lower Upper

82 100

128 41.3 32.3 48.5

54 62.6 51.4 77.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.006 min

Lab File: BF138525.D

Acq: 11 Jul 2024 16:12

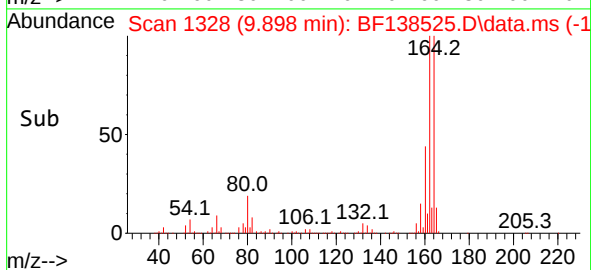
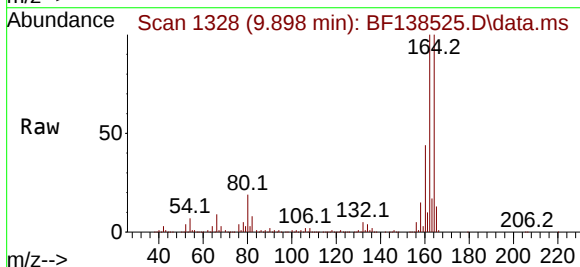
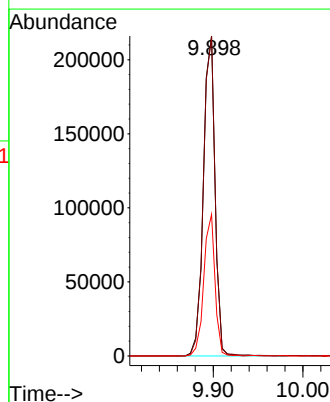
Tgt Ion:164 Resp: 194613

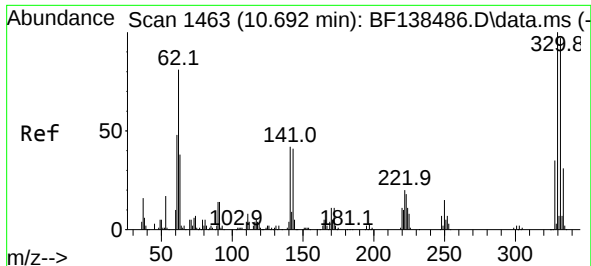
Ion Ratio Lower Upper

164 100

162 99.9 79.0 118.6

160 44.3 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 140.591 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF138525.D

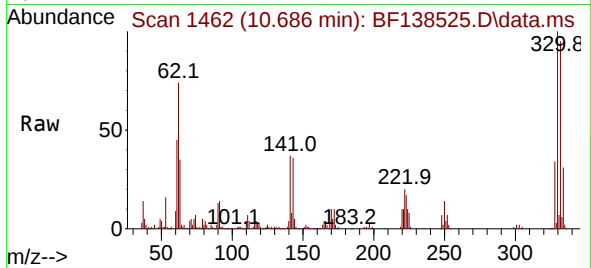
Acq: 11 Jul 2024 16:12

Instrument :

BNA_F

ClientSampleId :

COMP(00187-00189-00186)



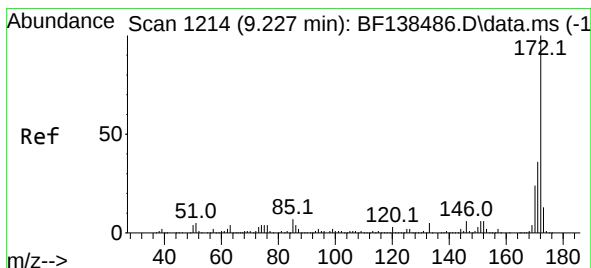
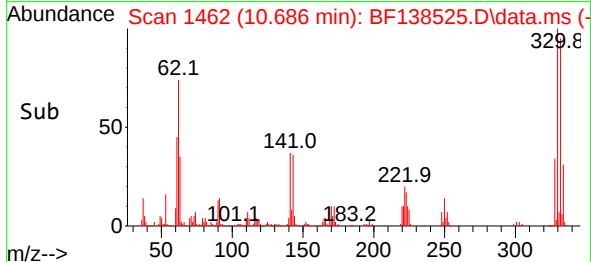
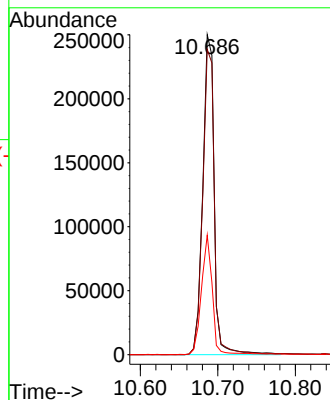
Tgt Ion:330 Resp: 255714

Ion Ratio Lower Upper

330 100

332 97.4 76.8 115.2

141 36.2 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 101.430 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF138525.D

Acq: 11 Jul 2024 16:12

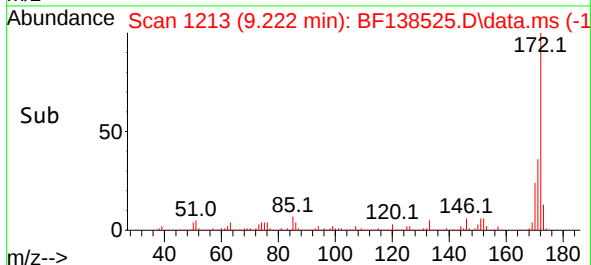
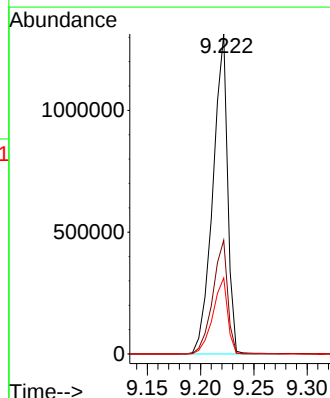
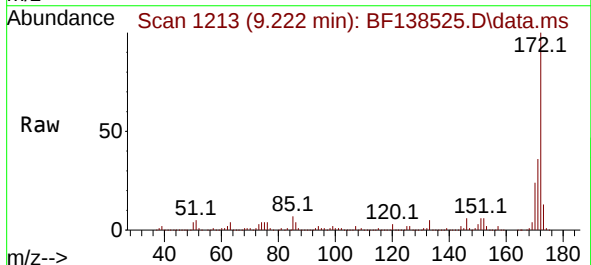
Tgt Ion:172 Resp: 1263004

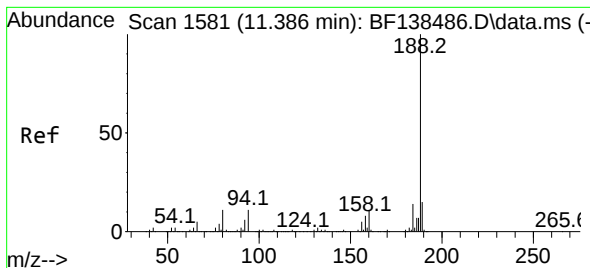
Ion Ratio Lower Upper

172 100

171 35.6 28.9 43.3

170 23.8 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138525.D

Acq: 11 Jul 2024 16:12

Instrument :

BNA_F

ClientSampleId :

COMP(00187-00189-00186)

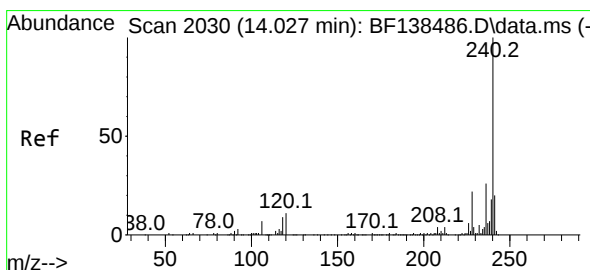
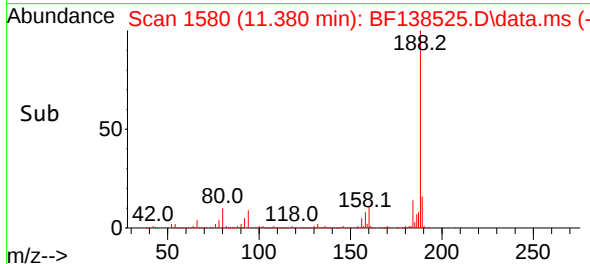
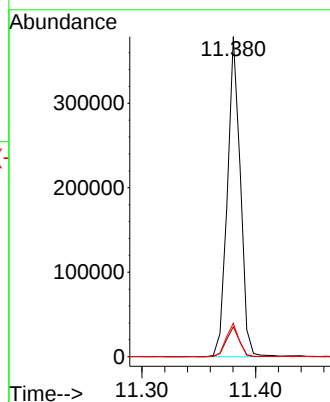
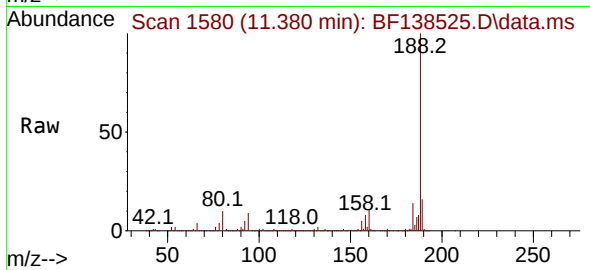
Tgt Ion:188 Resp: 300152

Ion Ratio Lower Upper

188 100

94 9.3 8.7 13.1

80 10.4 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 2028

Delta R.T. -0.012 min

Lab File: BF138525.D

Acq: 11 Jul 2024 16:12

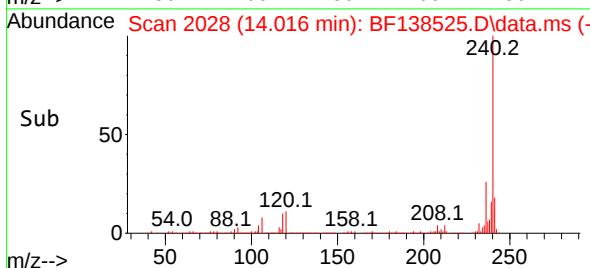
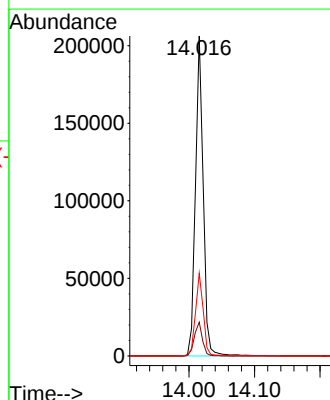
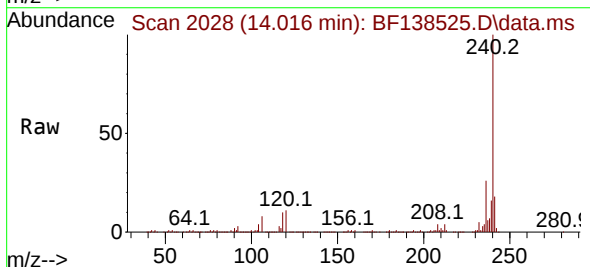
Tgt Ion:240 Resp: 170653

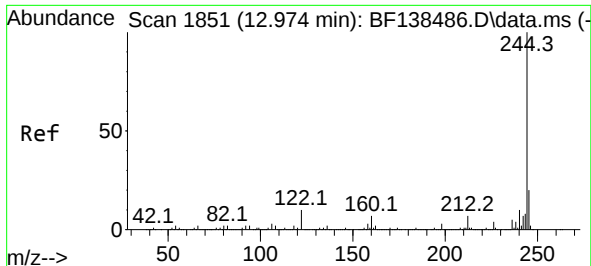
Ion Ratio Lower Upper

240 100

120 10.5 8.6 12.8

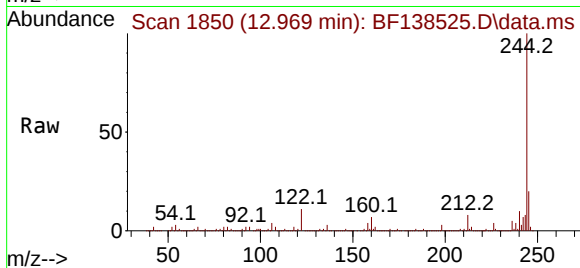
236 25.8 21.0 31.6



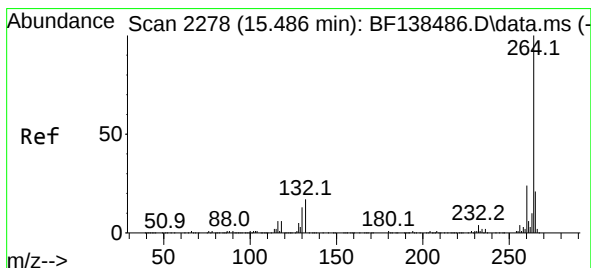
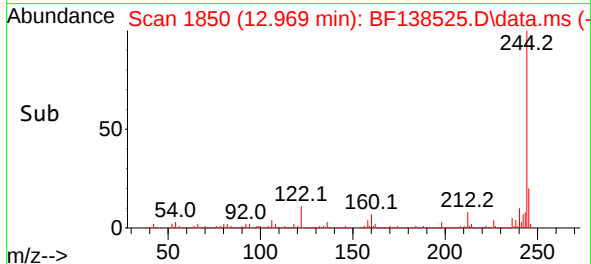
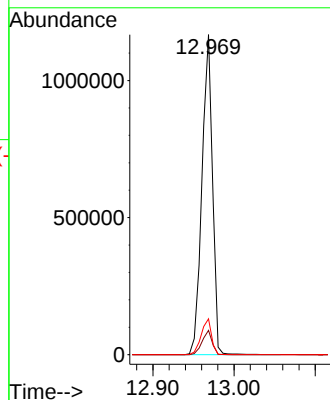


#79
 Terphenyl-d14
 Concen: 100.620 ng
 RT: 12.969 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF138525.D
 Acq: 11 Jul 2024 16:12

Instrument :
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Tgt Ion:244 Resp: 1054011
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.5 8.3
 122 11.2 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. -0.006 min
 Lab File: BF138525.D
 Acq: 11 Jul 2024 16:12

Tgt Ion:264 Resp: 145695
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 21.9 17.0 25.4

