

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062424\
 Data File : BF138305.D
 Acq On : 24 Jun 2024 12:37
 Operator : CG\JU
 Sample : PB161589TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161589TB

Quant Time: Jun 24 13:00:14 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	279015	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1097180	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	617558	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	1099670	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	599777	20.000	ng	-0.01
86) Perylene-d12	15.515	264	571485	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2067294	123.944	ng	0.00
7) Phenol-d6	6.516	99	2493875	117.914	ng	0.00
23) Nitrobenzene-d5	7.445	82	1591139	84.426	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	782223	127.234	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	3008621	77.469	ng	0.00
79) Terphenyl-d14	12.992	244	3369868	88.988	ng	0.00

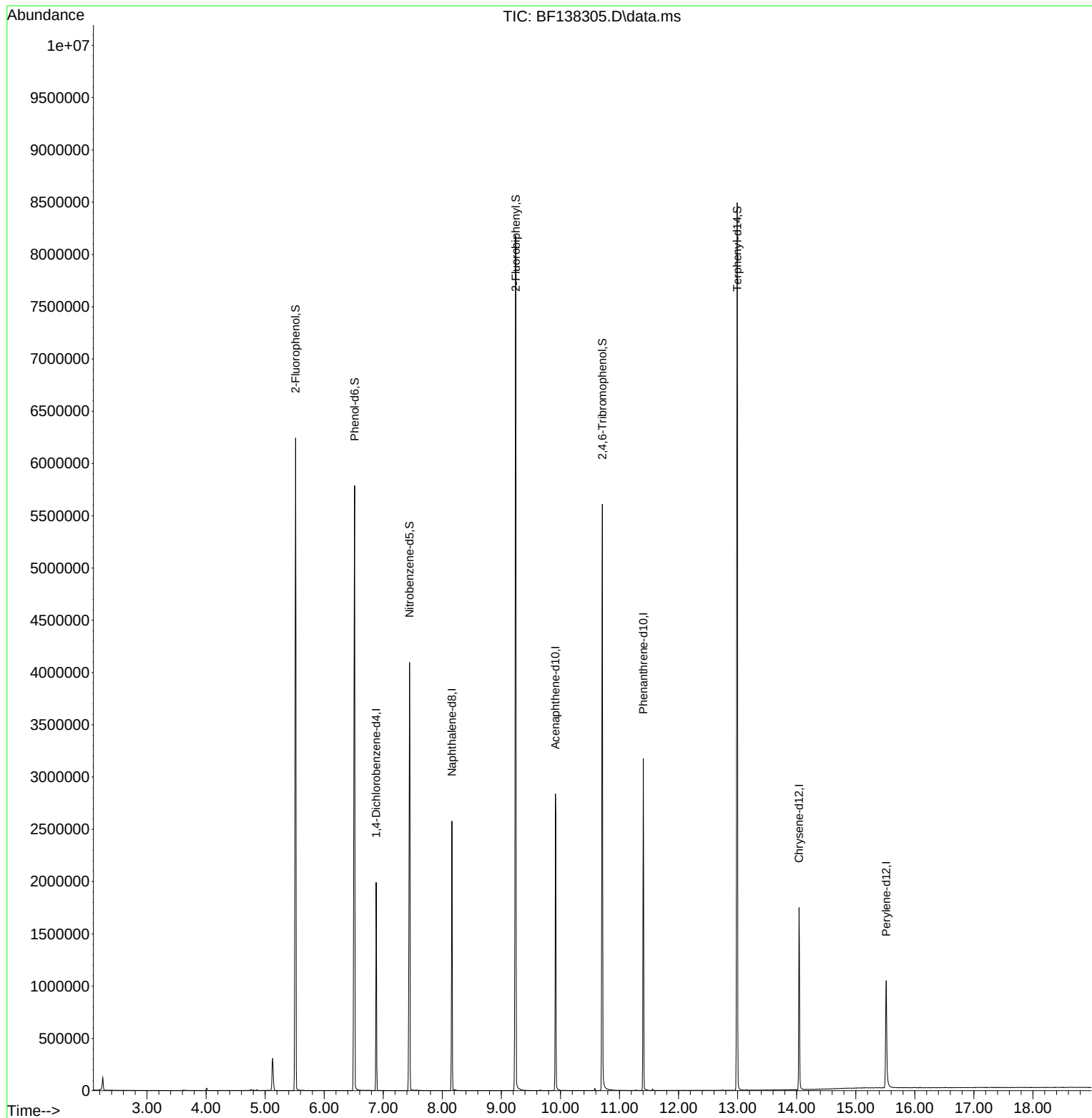
Target Compounds	Qvalue

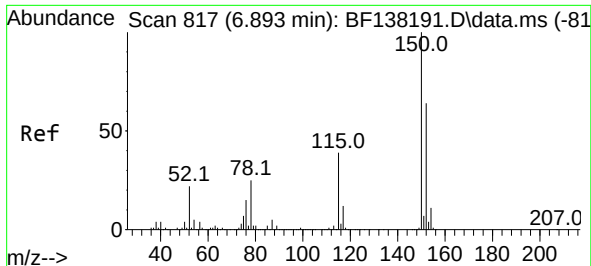
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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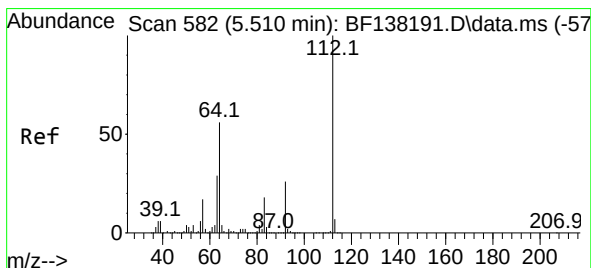
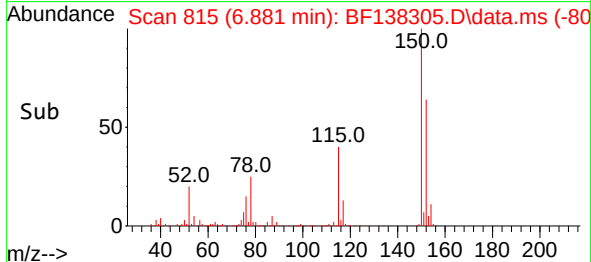
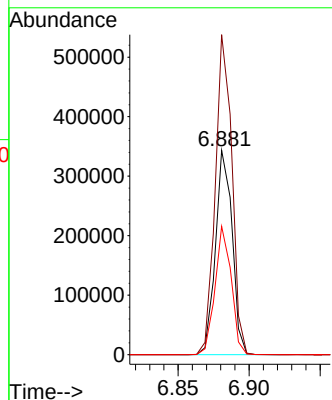
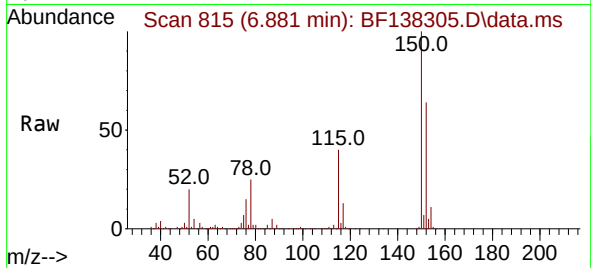




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138305.D
Acq: 24 Jun 2024 12:37

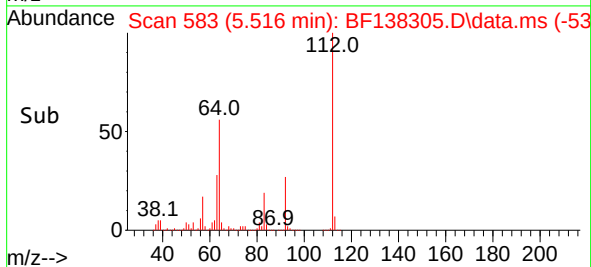
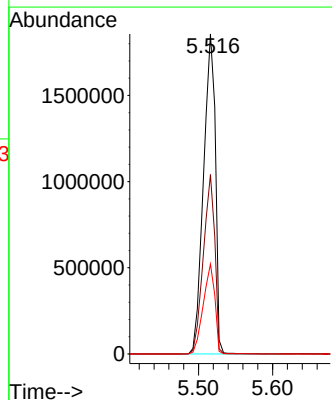
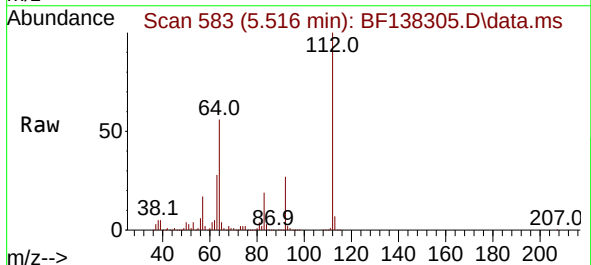
Instrument :
BNA_F
ClientSampleId :
PB161589TB

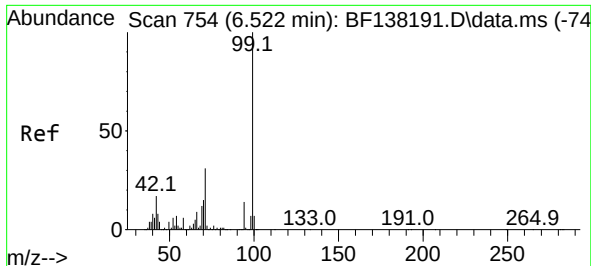
Tgt Ion:152 Resp: 279015
Ion Ratio Lower Upper
152 100
150 156.7 125.0 187.4
115 62.8 48.4 72.6



#5
2-Fluorophenol
Concen: 123.944 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF138305.D
Acq: 24 Jun 2024 12:37

Tgt Ion:112 Resp: 2067294
Ion Ratio Lower Upper
112 100
64 56.0 45.2 67.8
63 28.1 22.9 34.3

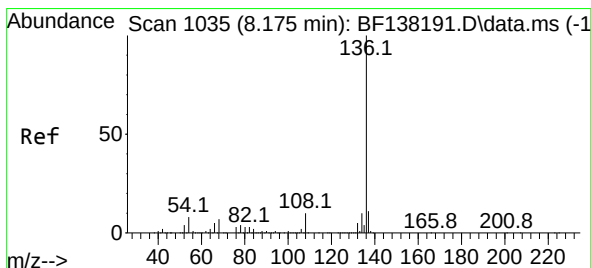
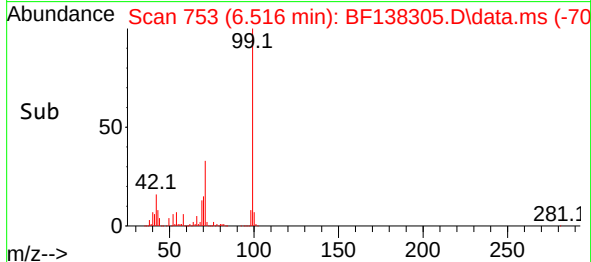
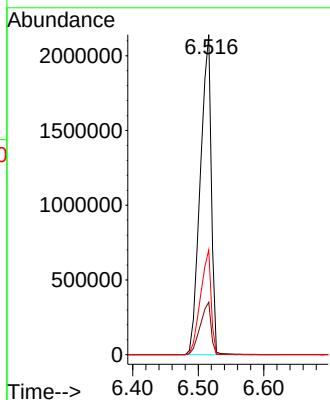
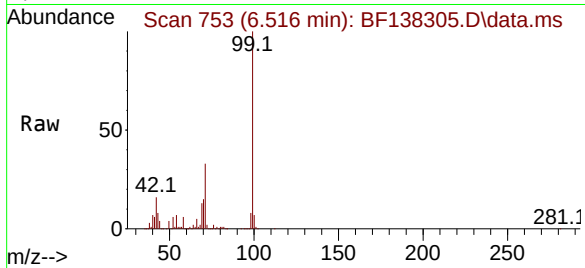




#7
Phenol-d6
Concen: 117.914 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138305.D
Acq: 24 Jun 2024 12:37

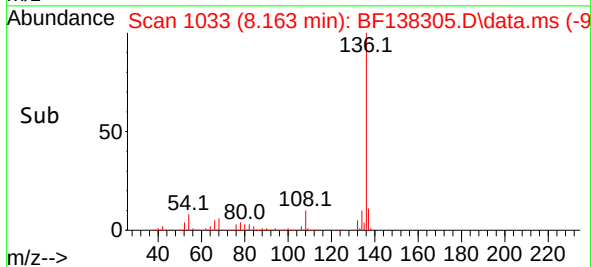
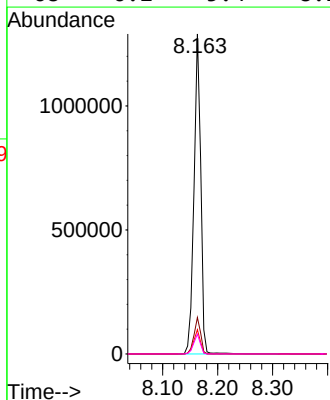
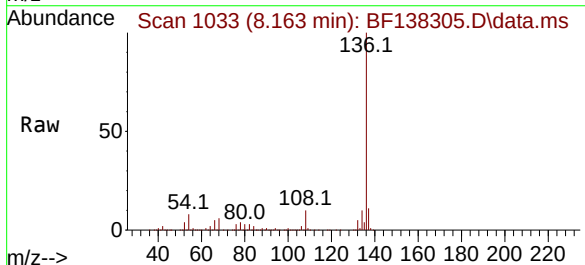
Instrument :
BNA_F
ClientSampleId :
PB161589TB

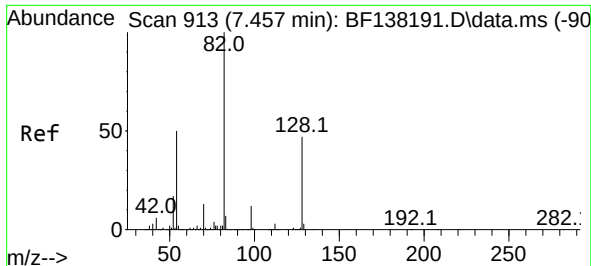
Tgt Ion: 99 Resp: 2493875
Ion Ratio Lower Upper
99 100
42 16.4 13.7 20.5
71 32.7 25.0 37.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138305.D
Acq: 24 Jun 2024 12:37

Tgt Ion: 136 Resp: 1097180
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.6 6.6 10.0
68 6.2 5.4 8.2





#23

Nitrobenzene-d5

Concen: 84.426 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF138305.D

Acq: 24 Jun 2024 12:37

Instrument :

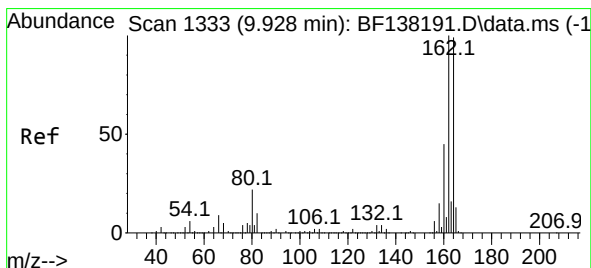
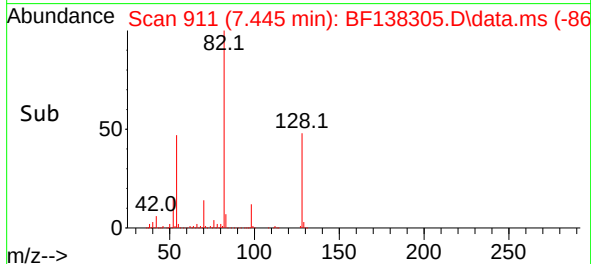
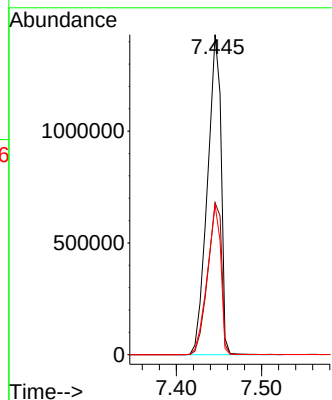
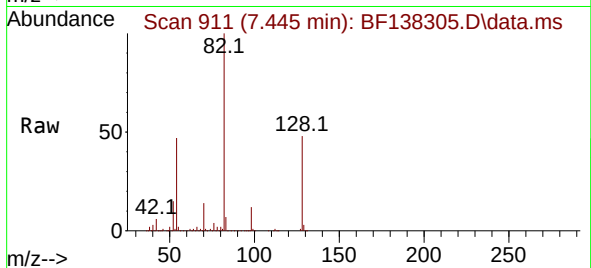
BNA_F

ClientSampleId :

PB161589TB

Tgt Ion: 82 Resp: 1591139

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.2	55.8
54	46.9	39.8	59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1331

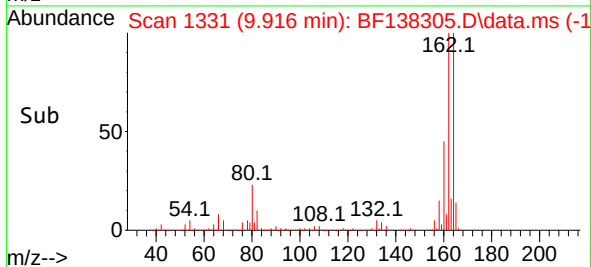
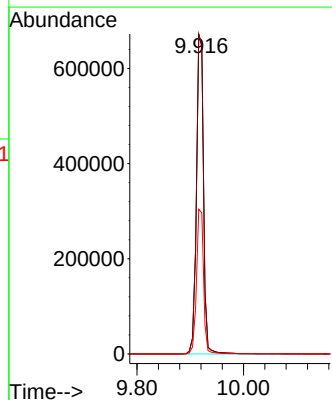
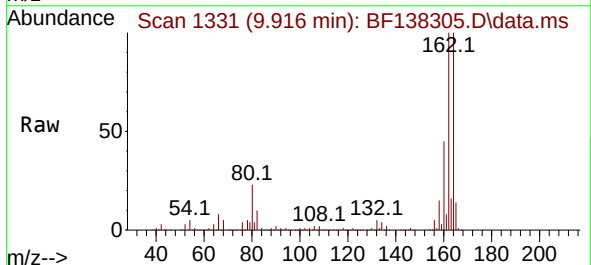
Delta R.T. -0.012 min

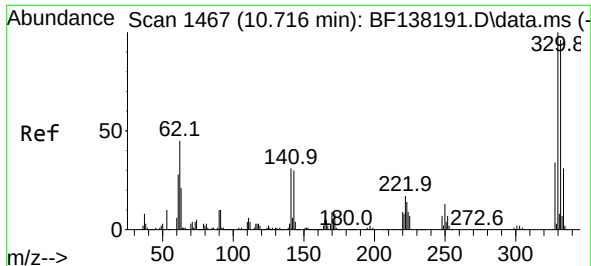
Lab File: BF138305.D

Acq: 24 Jun 2024 12:37

Tgt Ion:164 Resp: 617558

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.6	121.0
160	45.4	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 127.234 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF138305.D

Acq: 24 Jun 2024 12:37

Instrument :

BNA_F

ClientSampleId :

PB161589TB

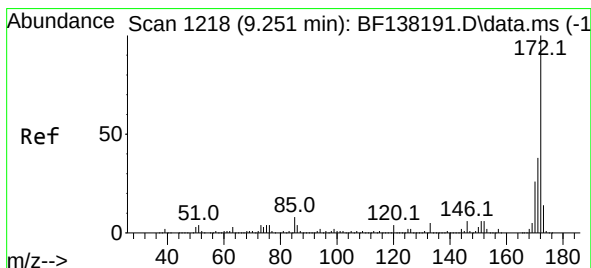
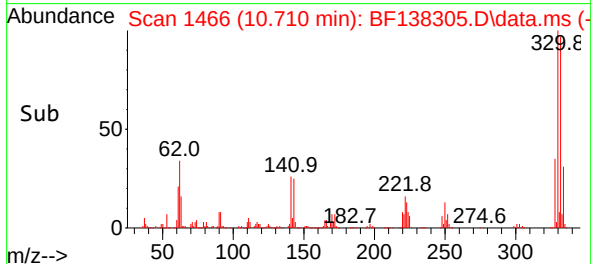
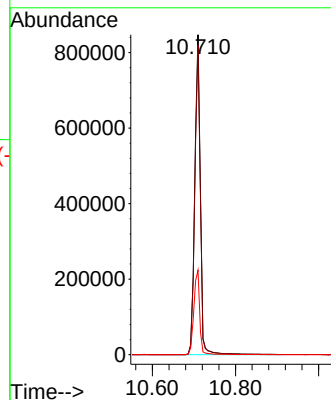
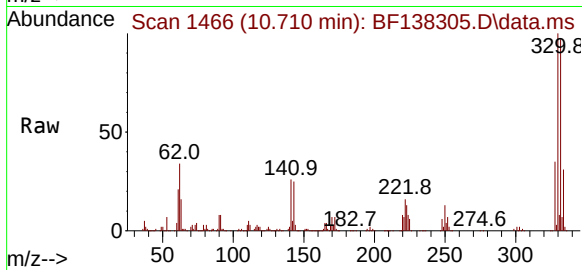
Tgt Ion:330 Resp: 782223

Ion Ratio Lower Upper

330 100

332 96.4 76.6 115.0

141 28.0 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 77.469 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF138305.D

Acq: 24 Jun 2024 12:37

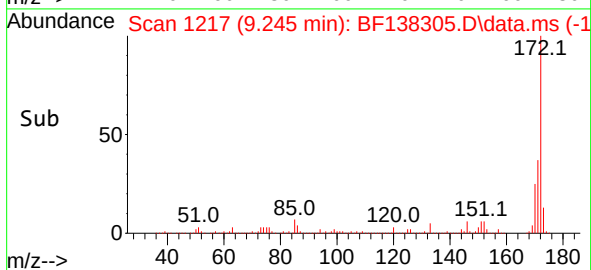
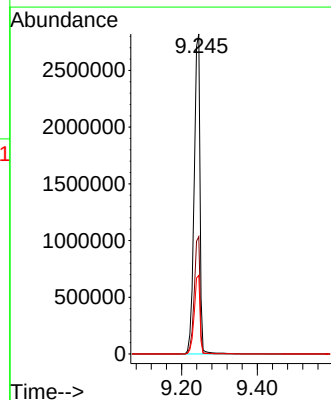
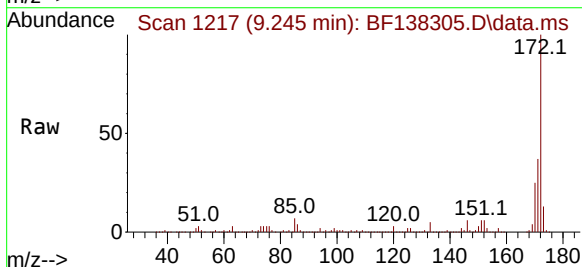
Tgt Ion:172 Resp: 3008621

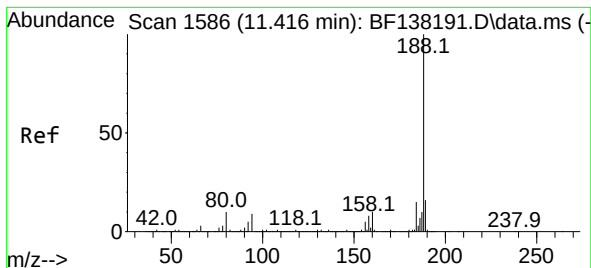
Ion Ratio Lower Upper

172 100

171 36.7 30.3 45.5

170 24.6 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: BF138305.D

Acq: 24 Jun 2024 12:37

Instrument :

BNA_F

ClientSampleId :

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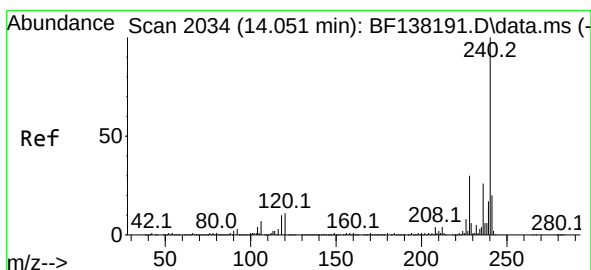
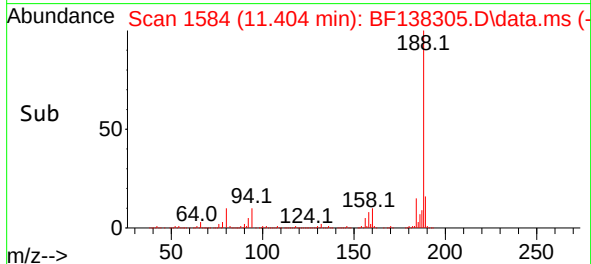
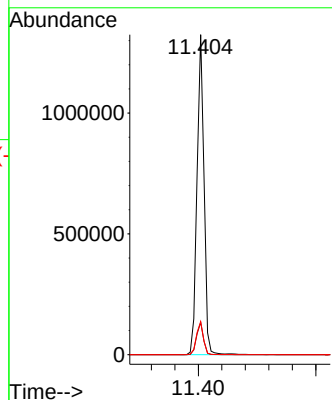
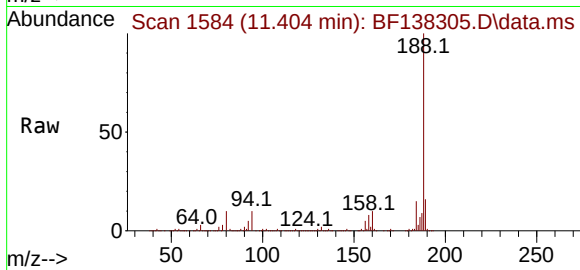
Tgt Ion:188 Resp: 1099670

Ion Ratio Lower Upper

188 100

94 10.1 7.6 11.4

80 10.4 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: BF138305.D

Acq: 24 Jun 2024 12:37

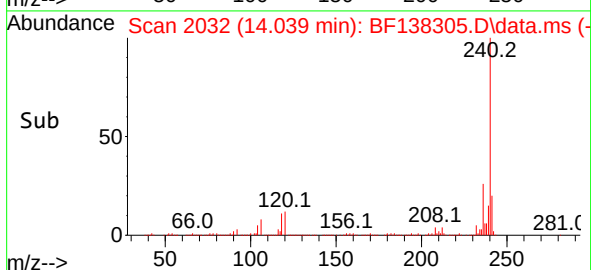
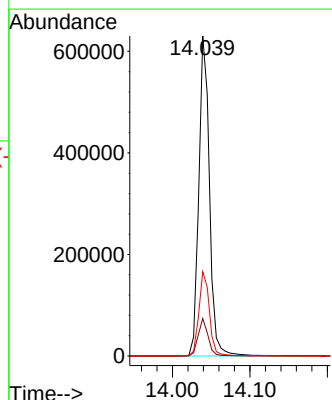
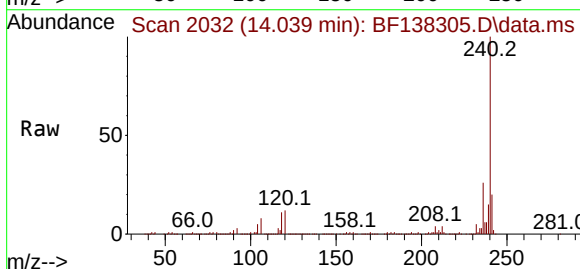
Tgt Ion:240 Resp: 599777

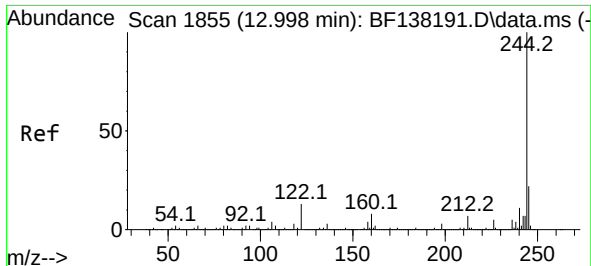
Ion Ratio Lower Upper

240 100

120 11.7 9.2 13.8

236 26.4 21.0 31.6

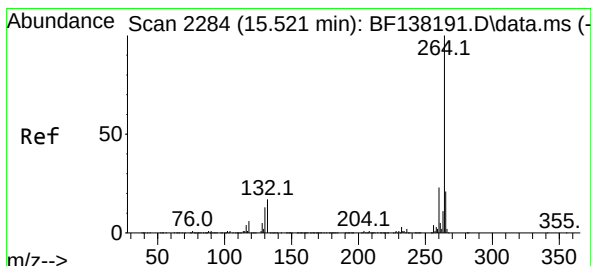
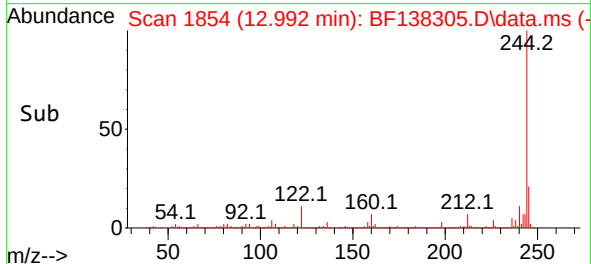
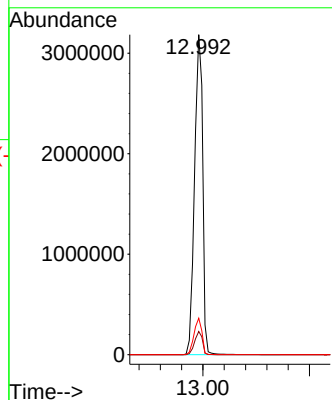
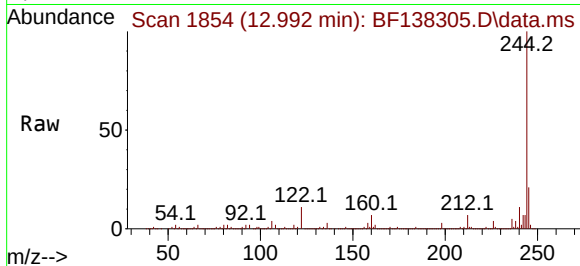




#79
 Terphenyl-d14
 Concen: 88.988 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.006 min
 Lab File: BF138305.D
 Acq: 24 Jun 2024 12:37

Instrument :
 BNA_F
 ClientSampleId :
 PB161589TB

Tgt Ion:244 Resp: 3369868
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.4 10.6 15.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF138305.D
 Acq: 24 Jun 2024 12:37

Tgt Ion:264 Resp: 571485
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.7 28.1
 265 21.2 17.0 25.6

