

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061824\
Data File : BF138235.D
Acq On : 18 Jun 2024 20:29
Operator : CG\JU
Sample : P2887-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HD-01-06132024

Quant Time: Jun 19 01:24:51 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	6.892	152	366135	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1351168	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	639181	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	868707	20.000	ng	0.00
76) Chrysene-d12	14.045	240	650559	20.000	ng	0.00
86) Perylene-d12	15.515	264	527847	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1738537	79.432	ng	0.00
7) Phenol-d6	6.516	99	2119948	76.384	ng	0.00
23) Nitrobenzene-d5	7.451	82	1262541	54.398	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	425276	66.834	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2441066	60.729	ng	0.00
79) Terphenyl-d14	12.992	244	2041310	49.697	ng	0.00

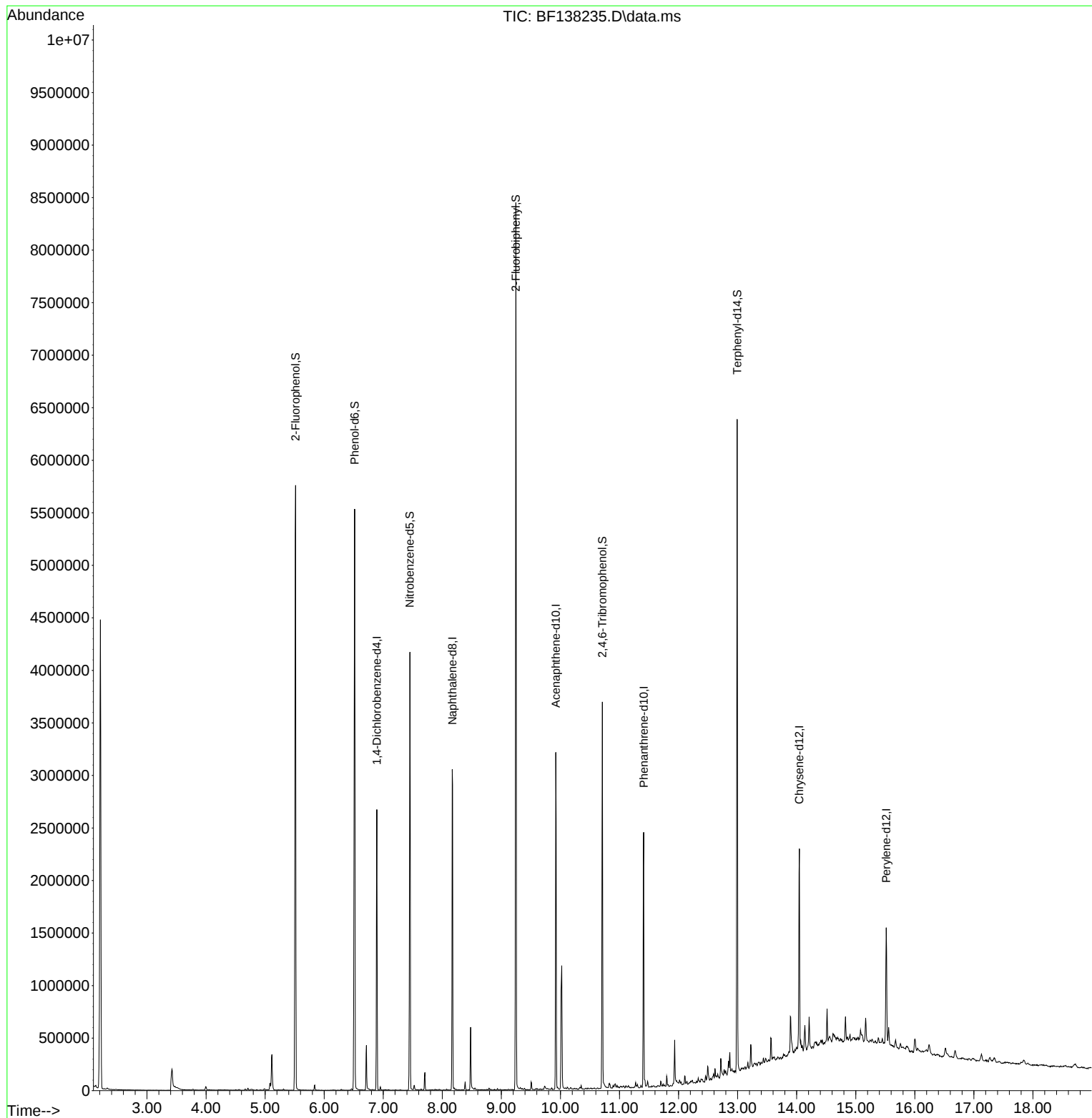
Target Compounds	Qvalue

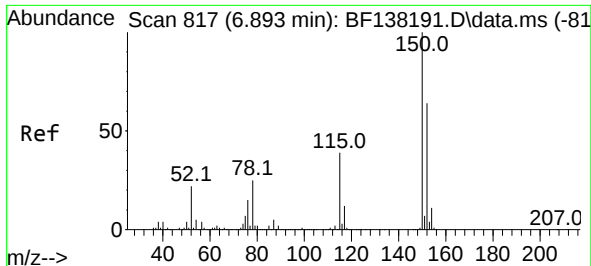
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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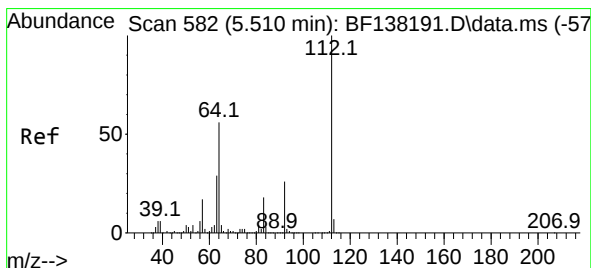
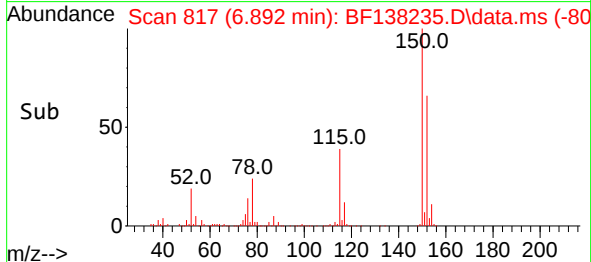
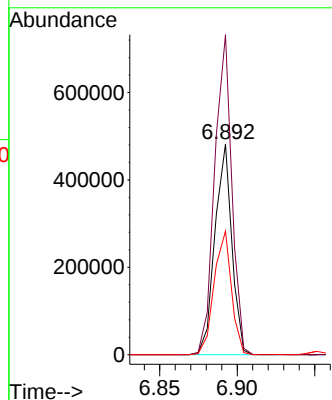
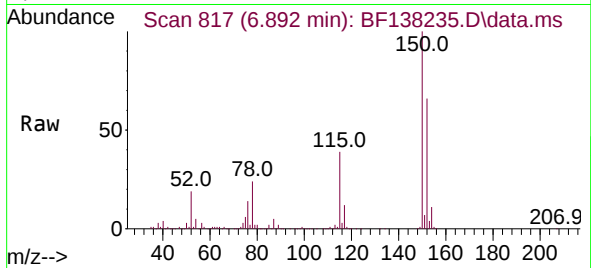




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 817
 Delta R.T. -0.001 min
 Lab File: BF138235.D
 Acq: 18 Jun 2024 20:29

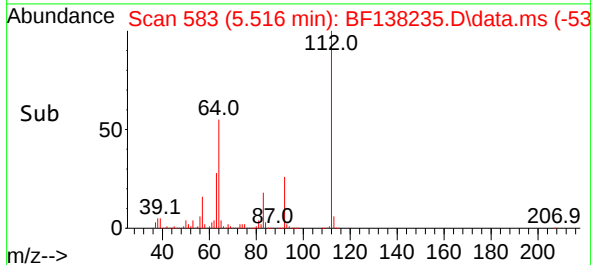
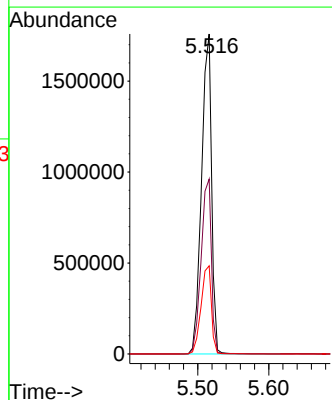
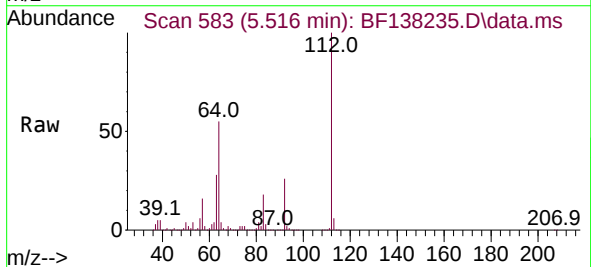
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-06132024

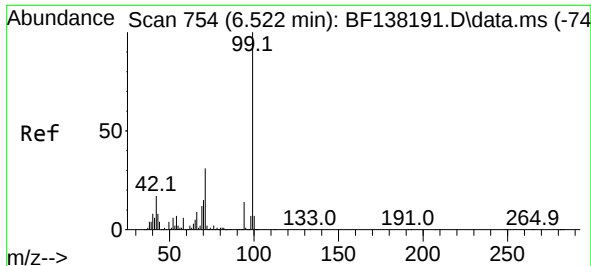
Tgt Ion:152 Resp: 366135
 Ion Ratio Lower Upper
 152 100
 150 151.9 125.0 187.4
 115 58.7 48.4 72.6



#5
 2-Fluorophenol
 Concen: 79.432 ng
 RT: 5.516 min Scan# 583
 Delta R.T. 0.006 min
 Lab File: BF138235.D
 Acq: 18 Jun 2024 20:29

Tgt Ion:112 Resp: 1738537
 Ion Ratio Lower Upper
 112 100
 64 54.6 45.2 67.8
 63 27.5 22.9 34.3





#7

Phenol-d6

Concen: 76.384 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF138235.D

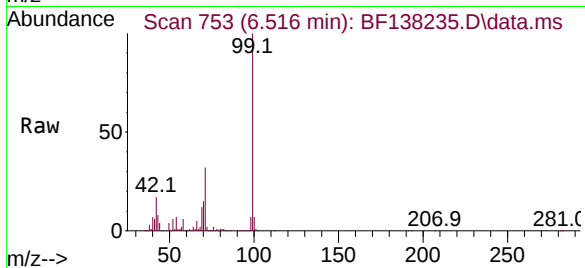
Acq: 18 Jun 2024 20:29

Instrument :

BNA_F

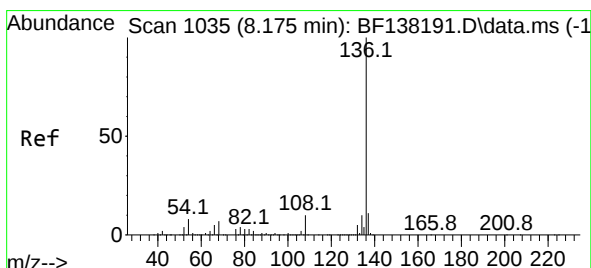
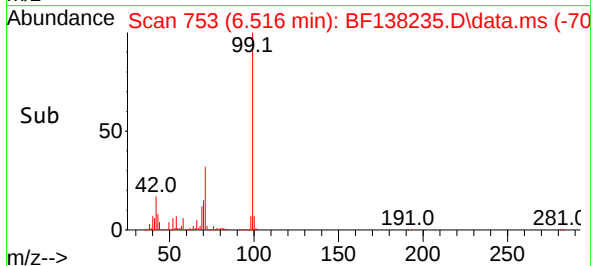
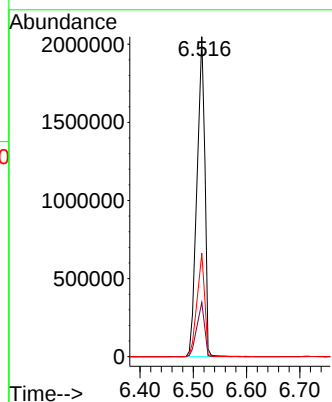
ClientSampleId :

HD-01-06132024



Tgt Ion: 99 Resp: 2119948

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.7	20.5
71	32.3	25.0	37.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1034

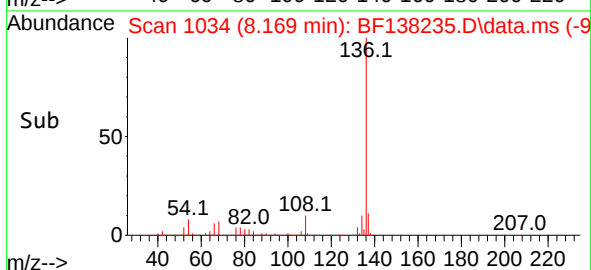
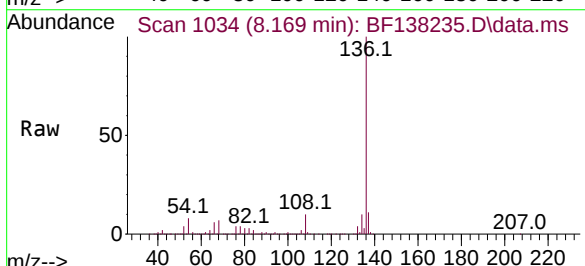
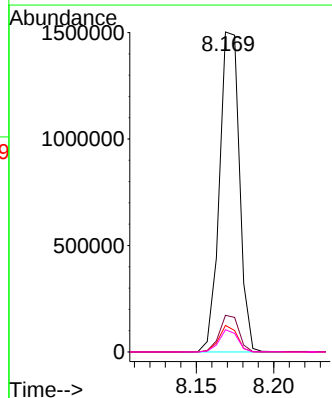
Delta R.T. -0.006 min

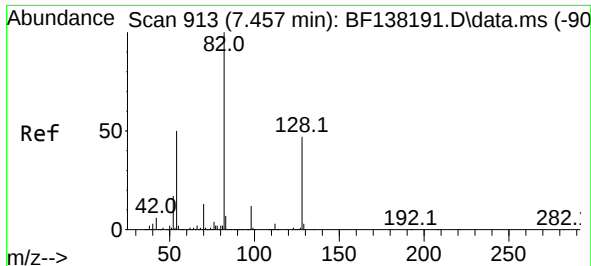
Lab File: BF138235.D

Acq: 18 Jun 2024 20:29

Tgt Ion:136 Resp: 1351168

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	8.3	6.6	10.0
68	6.9	5.4	8.2





#23

Nitrobenzene-d5

Concen: 54.398 ng

RT: 7.451 min Scan# 913

Delta R.T. -0.006 min

Lab File: BF138235.D

Acq: 18 Jun 2024 20:29

Instrument :

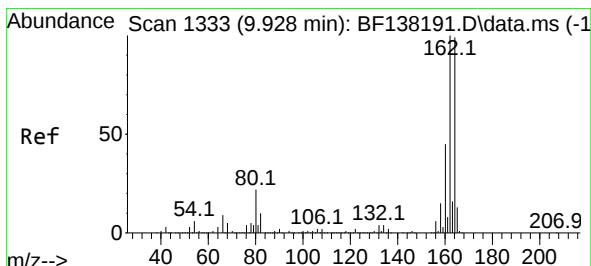
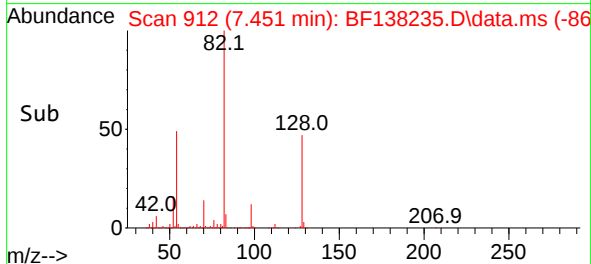
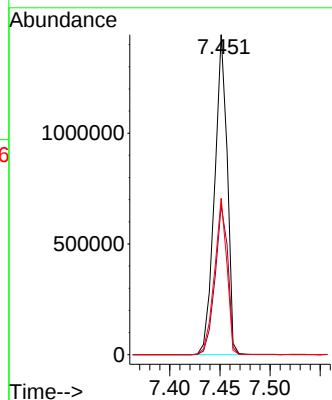
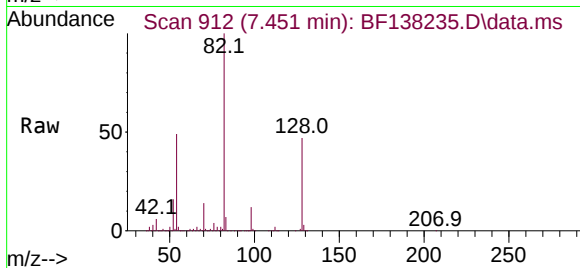
BNA_F

ClientSampleId :

HD-01-06132024

Tgt Ion: 82 Resp: 1262541

Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.2	55.8
54	48.8	39.8	59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1332

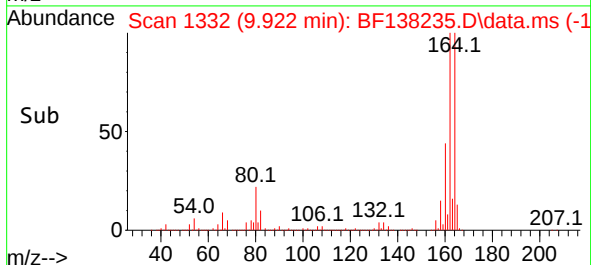
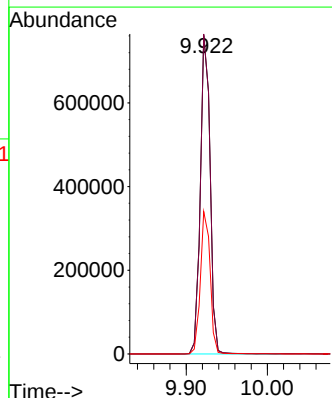
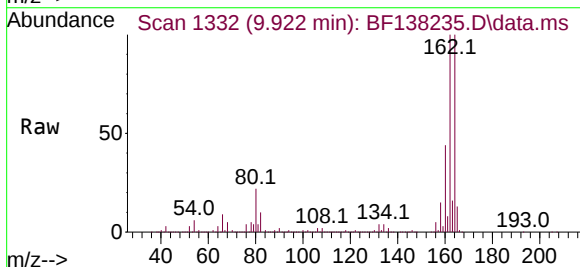
Delta R.T. -0.006 min

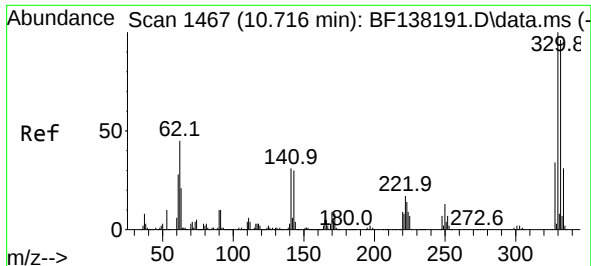
Lab File: BF138235.D

Acq: 18 Jun 2024 20:29

Tgt Ion: 164 Resp: 639181

Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.6	121.0
160	44.7	36.3	54.5

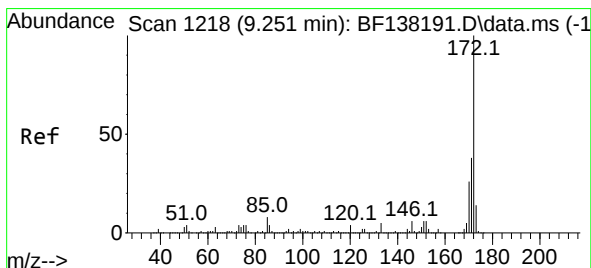
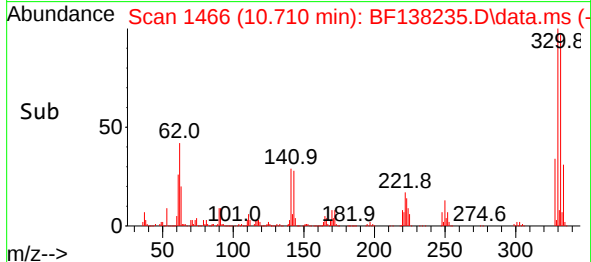
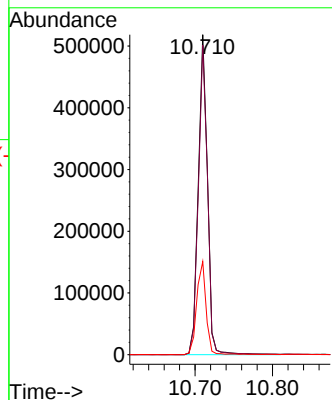
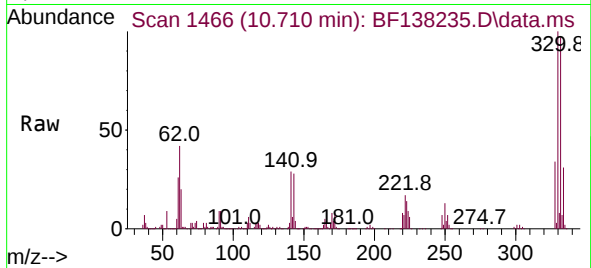




#42
2,4,6-Tribromophenol
Concen: 66.834 ng
RT: 10.710 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF138235.D
Acq: 18 Jun 2024 20:29

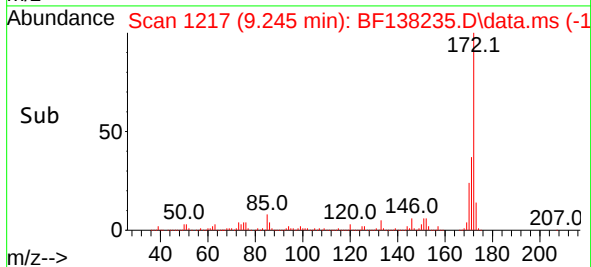
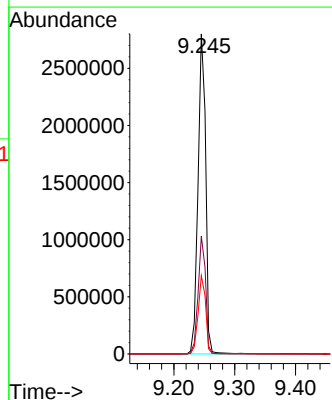
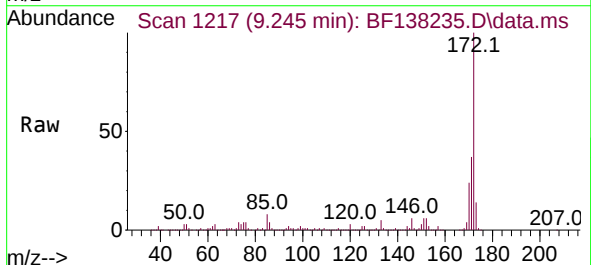
Instrument :
BNA_F
ClientSampleId :
HD-01-06132024

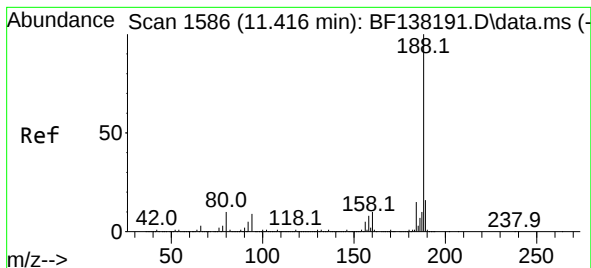
Tgt Ion:330 Resp: 425276
Ion Ratio Lower Upper
330 100
332 97.0 76.6 115.0
141 30.2 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 60.729 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF138235.D
Acq: 18 Jun 2024 20:29

Tgt Ion:172 Resp: 2441066
Ion Ratio Lower Upper
172 100
171 36.8 30.3 45.5
170 24.5 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138235.D

Acq: 18 Jun 2024 20:29

Instrument :

BNA_F

ClientSampleId :

HD-01-06132024

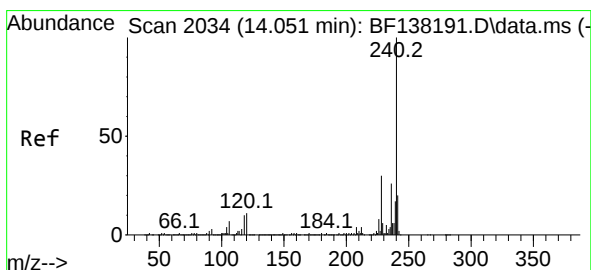
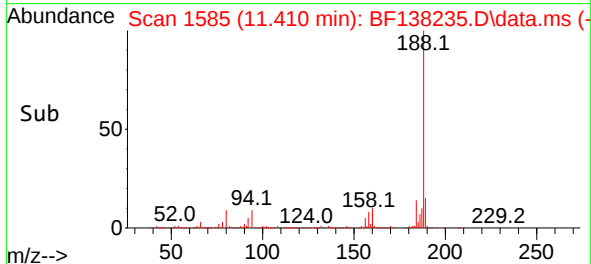
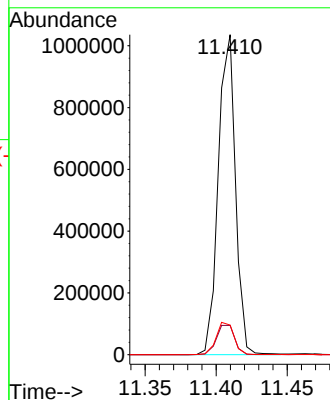
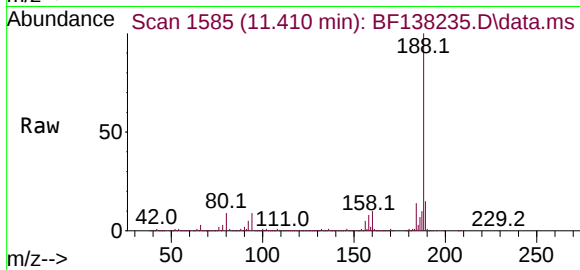
Tgt Ion:188 Resp: 868707

Ion Ratio Lower Upper

188 100

94 9.2 7.6 11.4

80 9.3 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF138235.D

Acq: 18 Jun 2024 20:29

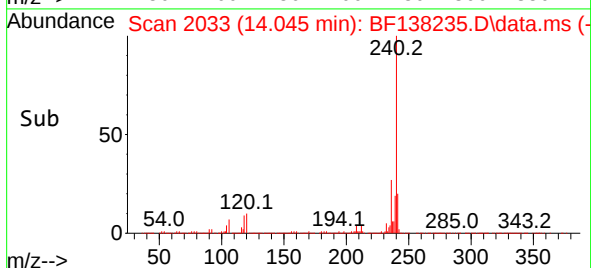
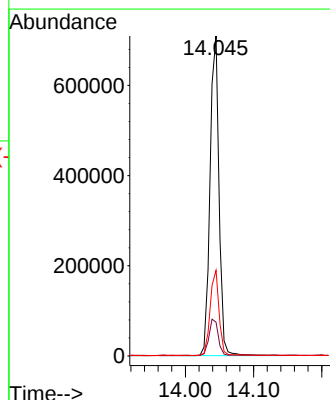
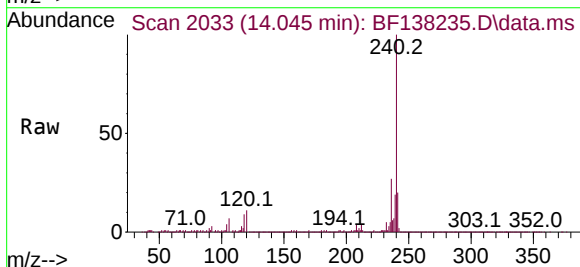
Tgt Ion:240 Resp: 650559

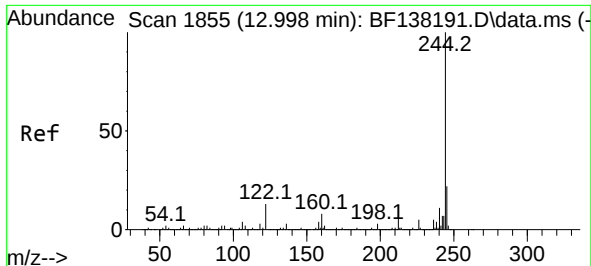
Ion Ratio Lower Upper

240 100

120 10.6 9.2 13.8

236 26.7 21.0 31.6

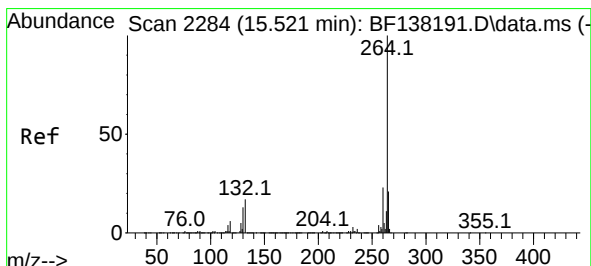
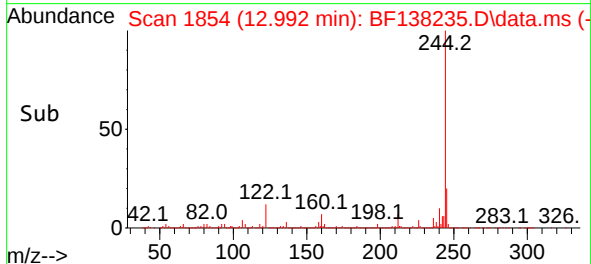
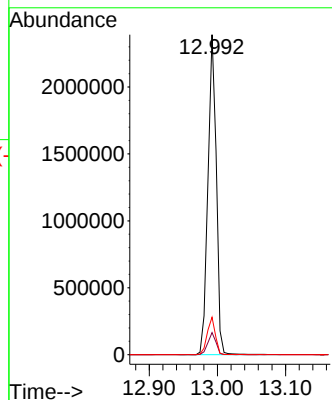
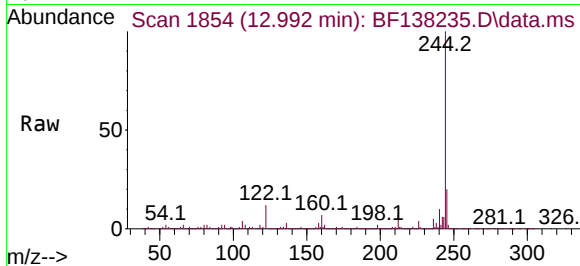




#79
 Terphenyl-d14
 Concen: 49.697 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. -0.006 min
 Lab File: BF138235.D
 Acq: 18 Jun 2024 20:29

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-06132024

Tgt Ion:244 Resp: 2041310
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 11.7 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: BF138235.D
 Acq: 18 Jun 2024 20:29

Tgt Ion:264 Resp: 527847
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.7 28.1
 265 22.4 17.0 25.6

