

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
 Data File : BF138365.D
 Acq On : 27 Jun 2024 14:35
 Operator : CG\JU
 Sample : P3076-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 7-S-1

Quant Time: Jun 27 14:59:07 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)

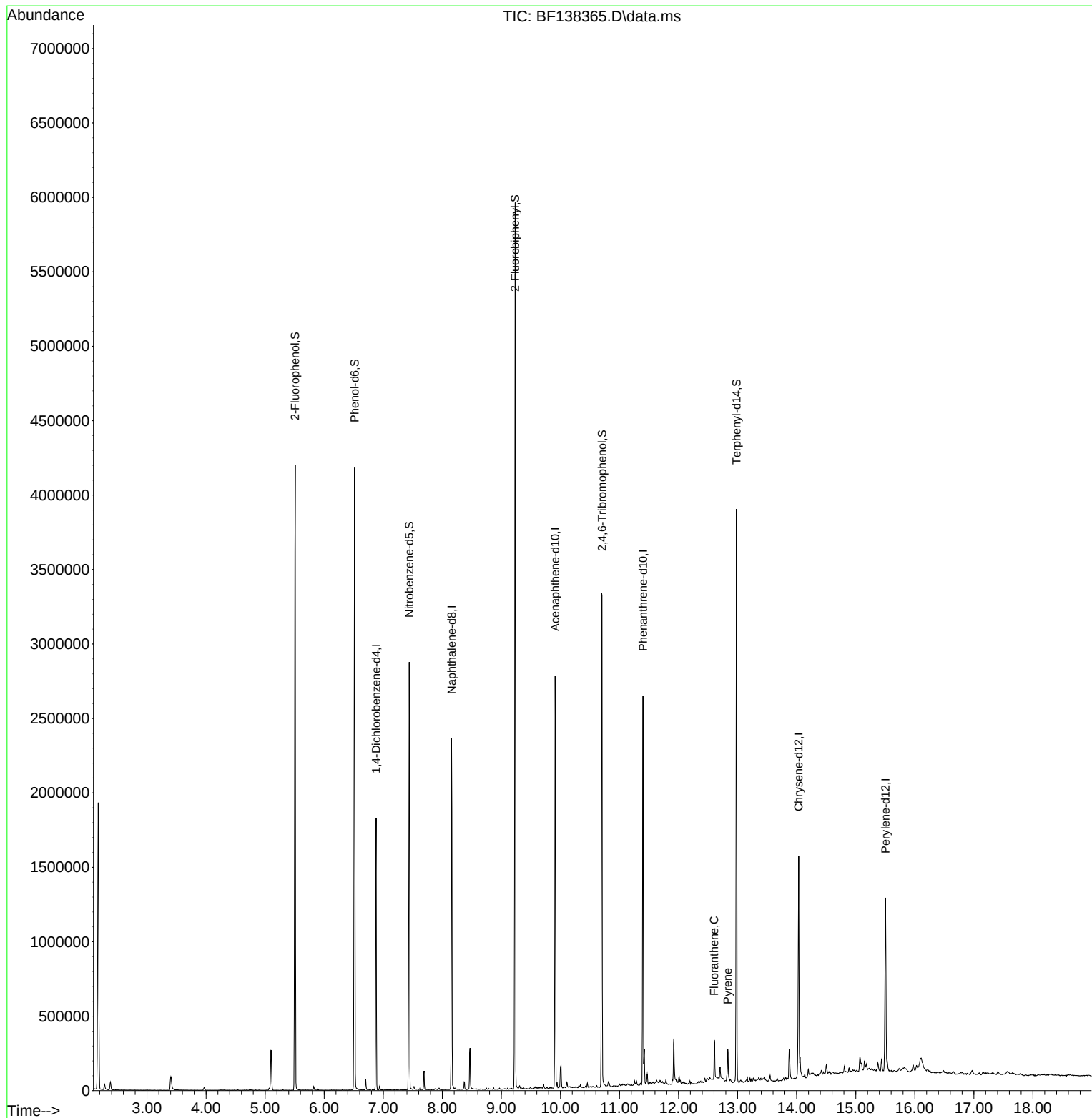
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	261541	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	1026088	20.000	ng	-0.02
39) Acenaphthene-d10	9.910	164	574467	20.000	ng	-0.02
64) Phenanthrene-d10	11.398	188	877746	20.000	ng	-0.02
76) Chrysene-d12	14.033	240	451279	20.000	ng	-0.02
86) Perylene-d12	15.504	264	518263	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1221793	78.146	ng	0.00
7) Phenol-d6	6.516	99	1509757	76.153	ng	0.00
23) Nitrobenzene-d5	7.439	82	963576	54.670	ng	-0.02
42) 2,4,6-Tribromophenol	10.704	330	472313	82.587	ng	-0.01
45) 2-Fluorobiphenyl	9.233	172	1737144	48.085	ng	-0.02
79) Terphenyl-d14	12.980	244	1257058	44.118	ng	-0.02
Target Compounds						
75) Fluoranthene	12.604	202	103349	2.335	ng	98
78) Pyrene	12.833	202	93132	2.393	ng	96

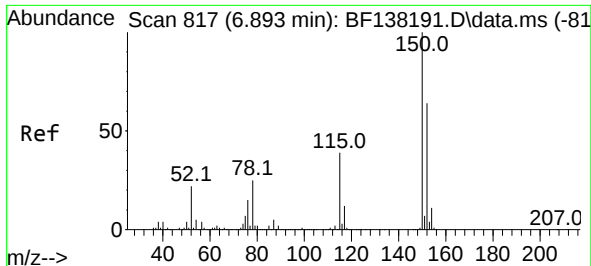
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
Data File : BF138365.D
Acq On : 27 Jun 2024 14:35
Operator : CG\JU
Sample : P3076-10
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
7-S-1

Quant Time: Jun 27 14:59:07 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

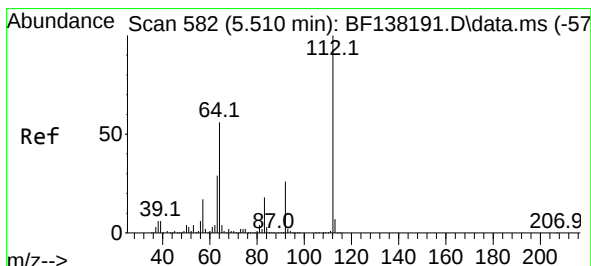
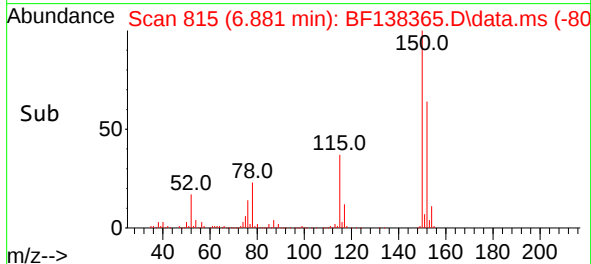
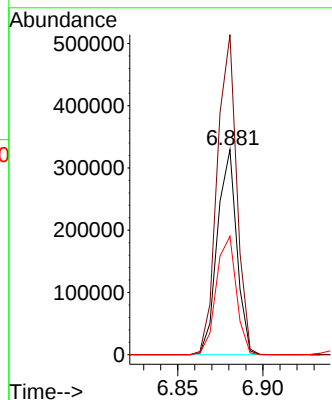
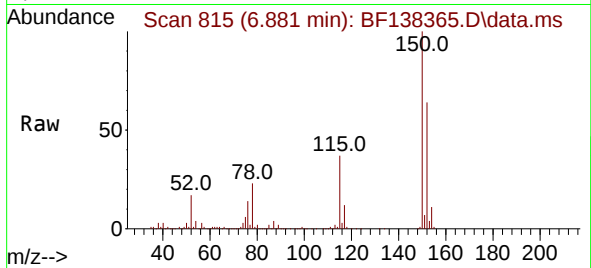




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 815
 Delta R.T. -0.012 min
 Lab File: BF138365.D
 Acq: 27 Jun 2024 14:35

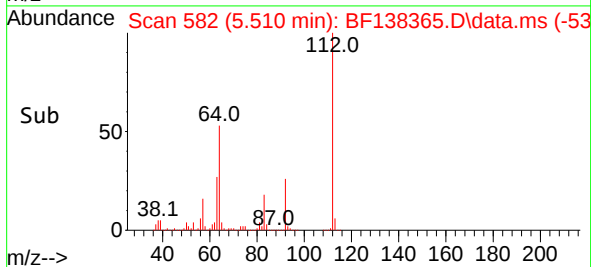
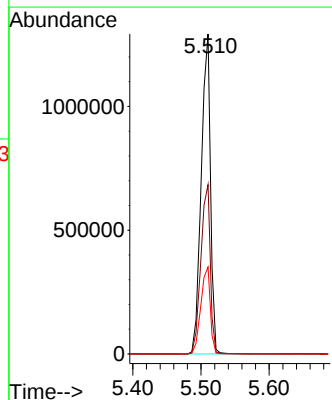
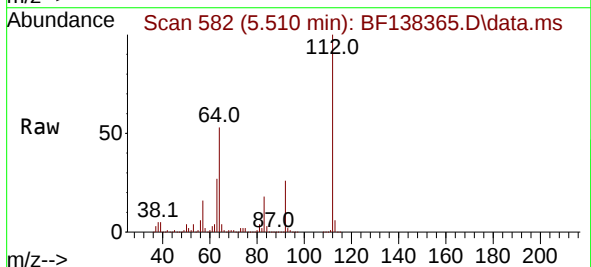
Instrument :
 BNA_F
 ClientSampleId :
 7-S-1

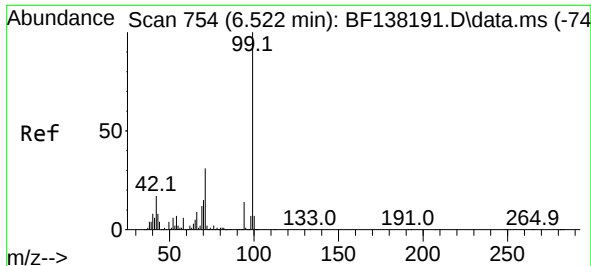
Tgt Ion:152 Resp: 261541
 Ion Ratio Lower Upper
 152 100
 150 156.0 125.0 187.4
 115 57.7 48.4 72.6



#5
 2-Fluorophenol
 Concen: 78.146 ng
 RT: 5.510 min Scan# 582
 Delta R.T. -0.000 min
 Lab File: BF138365.D
 Acq: 27 Jun 2024 14:35

Tgt Ion:112 Resp: 1221793
 Ion Ratio Lower Upper
 112 100
 64 52.9 45.2 67.8
 63 27.2 22.9 34.3





#7

Phenol-d6

Concen: 76.153 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF138365.D

Acq: 27 Jun 2024 14:35

Instrument :

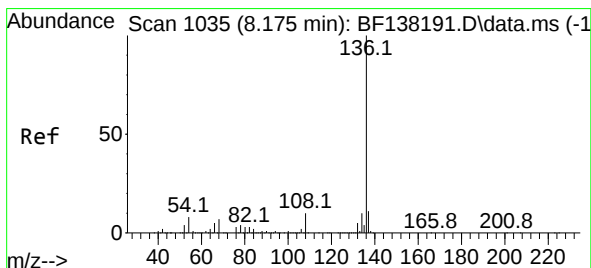
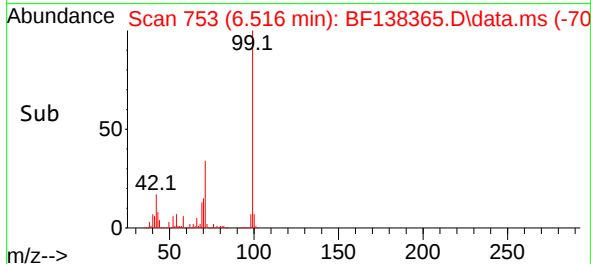
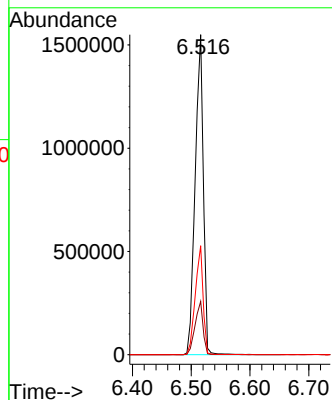
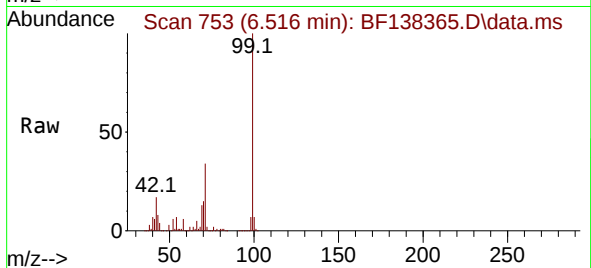
BNA_F

ClientSampleId :

7-S-1

Tgt Ion: 99 Resp: 1509757

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.7	20.5
71	34.1	25.0	37.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1032

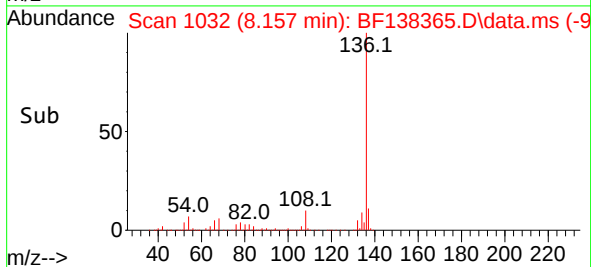
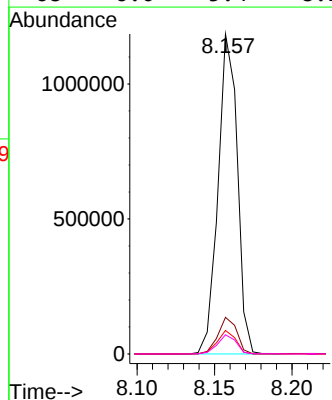
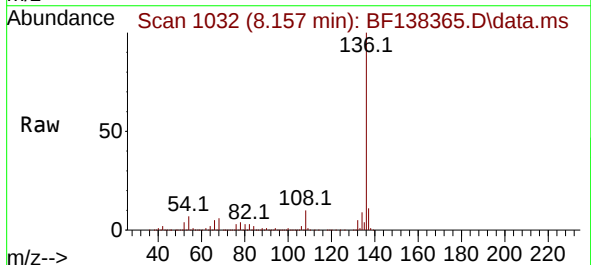
Delta R.T. -0.018 min

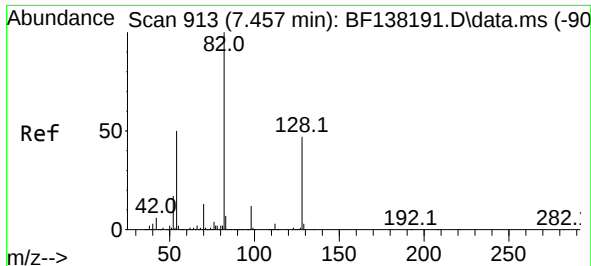
Lab File: BF138365.D

Acq: 27 Jun 2024 14:35

Tgt Ion: 136 Resp: 1026088

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	7.4	6.6	10.0
68	6.0	5.4	8.2





#23

Nitrobenzene-d5

Concen: 54.670 ng

RT: 7.439 min Scan# 913

Delta R.T. -0.018 min

Lab File: BF138365.D

Acq: 27 Jun 2024 14:35

Instrument :

BNA_F

ClientSampleId :

7-S-1

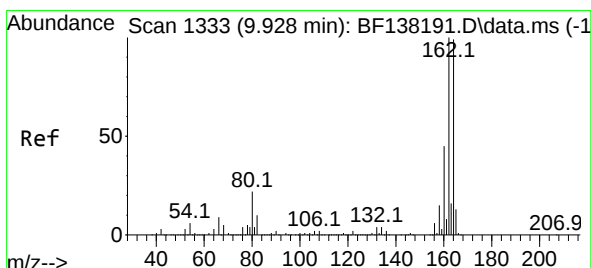
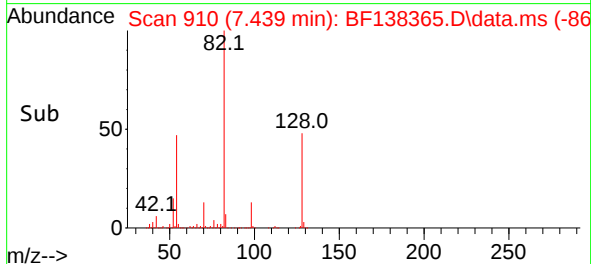
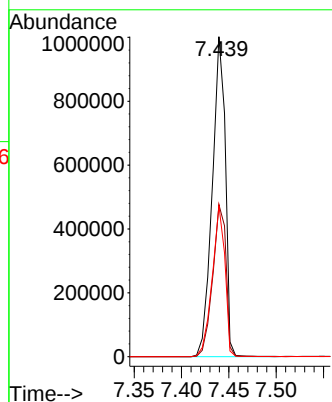
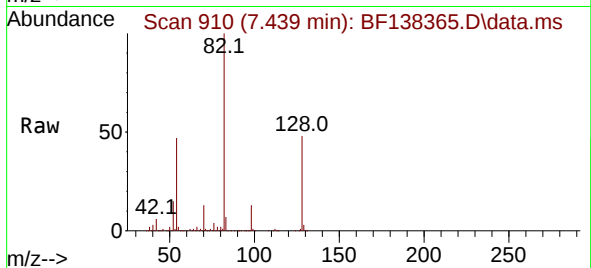
Tgt Ion: 82 Resp: 963576

Ion Ratio Lower Upper

82 100

128 47.5 37.2 55.8

54 47.2 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1330

Delta R.T. -0.018 min

Lab File: BF138365.D

Acq: 27 Jun 2024 14:35

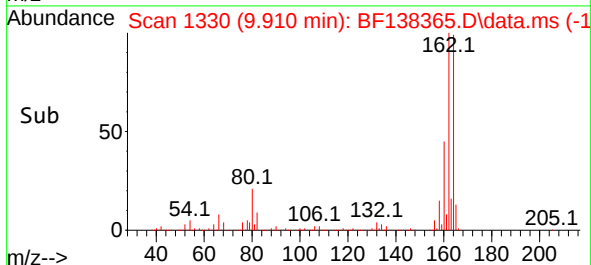
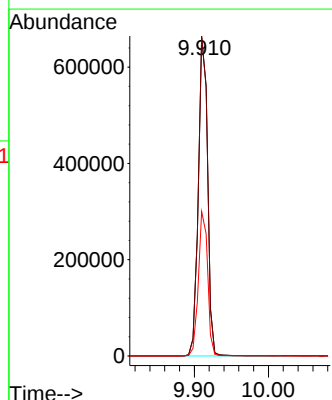
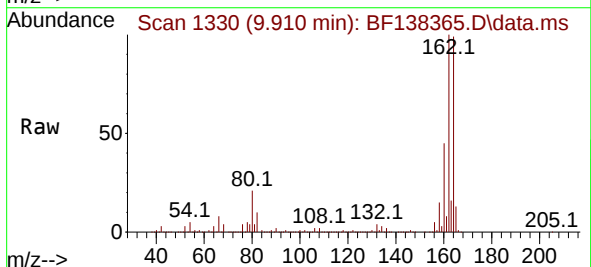
Tgt Ion:164 Resp: 574467

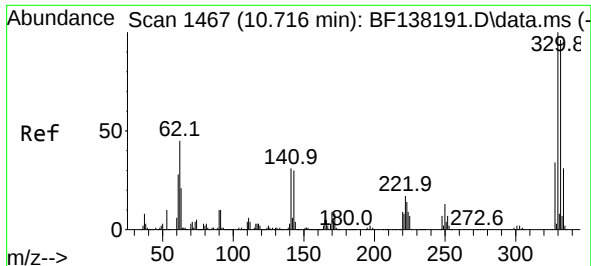
Ion Ratio Lower Upper

164 100

162 100.5 80.6 121.0

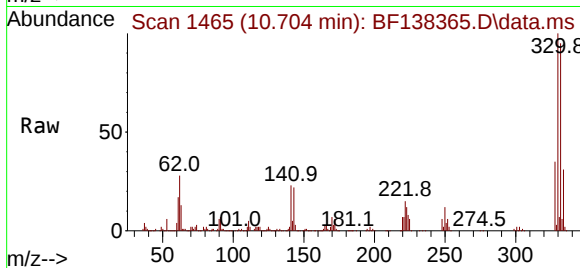
160 45.4 36.3 54.5



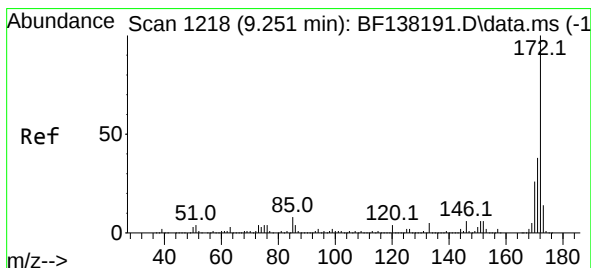
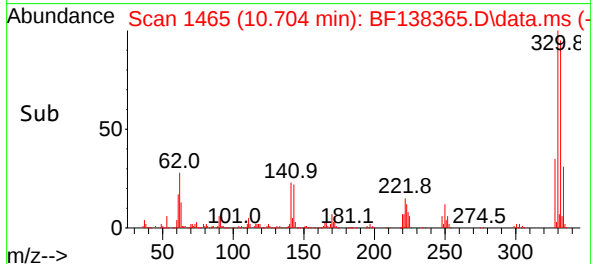
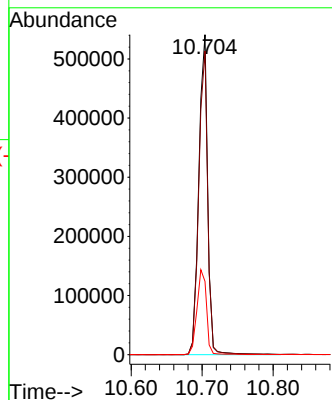


#42
2,4,6-Tribromophenol
Concen: 82.587 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF138365.D
Acq: 27 Jun 2024 14:35

Instrument :
BNA_F
ClientSampleId :
7-S-1

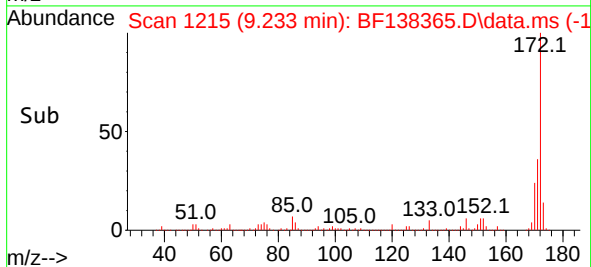
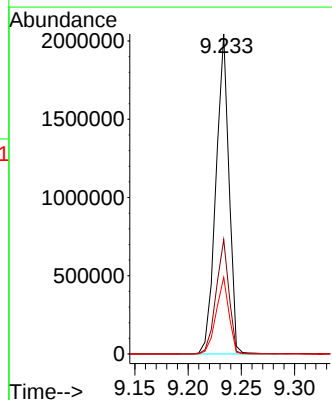
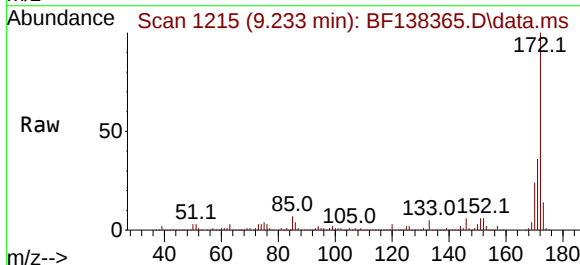


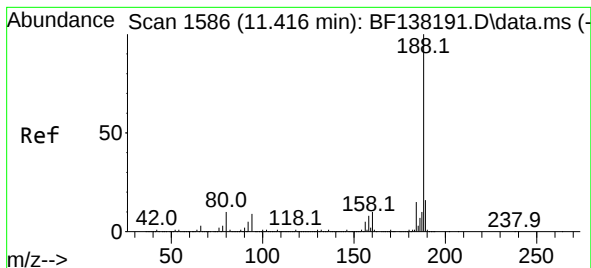
Tgt Ion: 330 Resp: 472313
Ion Ratio Lower Upper
330 100
332 95.8 76.6 115.0
141 28.6 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 48.085 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.018 min
Lab File: BF138365.D
Acq: 27 Jun 2024 14:35

Tgt Ion: 172 Resp: 1737144
Ion Ratio Lower Upper
172 100
171 35.8 30.3 45.5
170 24.0 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF138365.D

Acq: 27 Jun 2024 14:35

Instrument :

BNA_F

ClientSampleId :

7-S-1

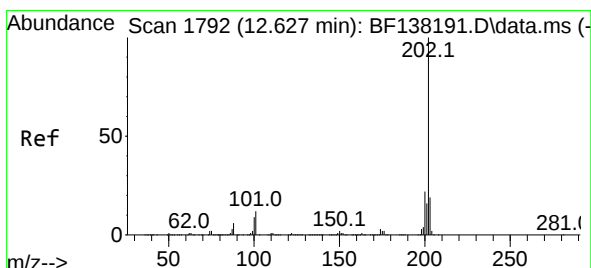
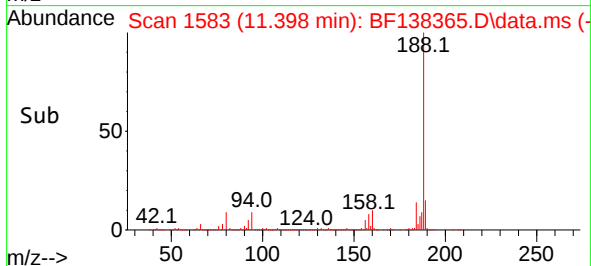
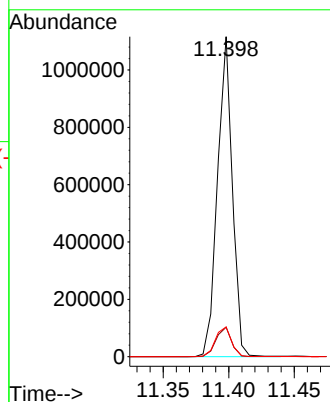
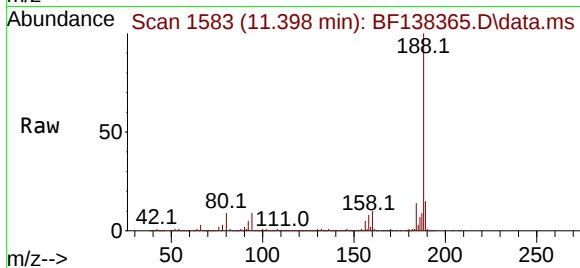
Tgt Ion:188 Resp: 877746

Ion Ratio Lower Upper

188 100

94 9.2 7.6 11.4

80 9.3 8.1 12.1



#75

Fluoranthene

Concen: 2.335 ng

RT: 12.604 min Scan# 1788

Delta R.T. -0.024 min

Lab File: BF138365.D

Acq: 27 Jun 2024 14:35

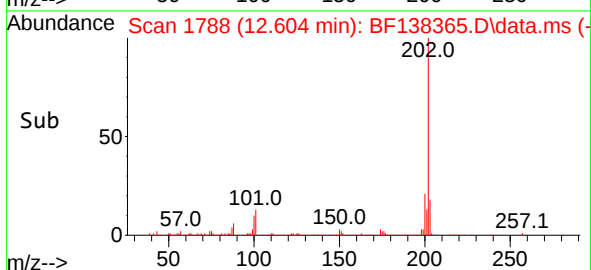
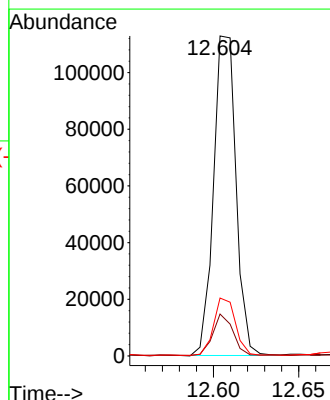
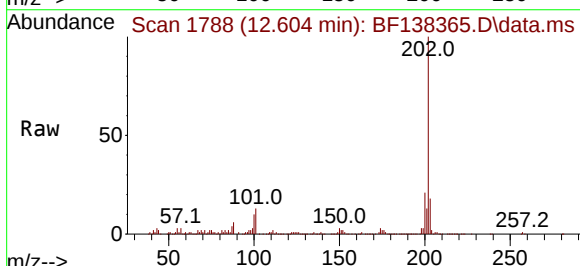
Tgt Ion:202 Resp: 103349

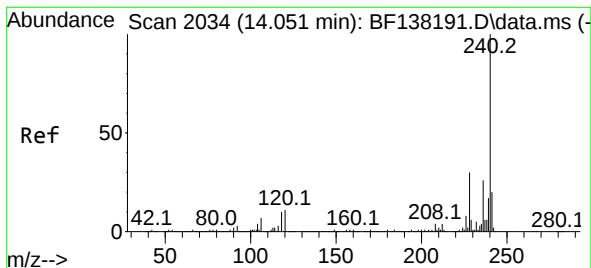
Ion Ratio Lower Upper

202 100

101 13.1 0.0 31.8

203 18.1 0.0 38.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.018 min

Lab File: BF138365.D

Acq: 27 Jun 2024 14:35

Instrument :

BNA_F

ClientSampleId :

7-S-1

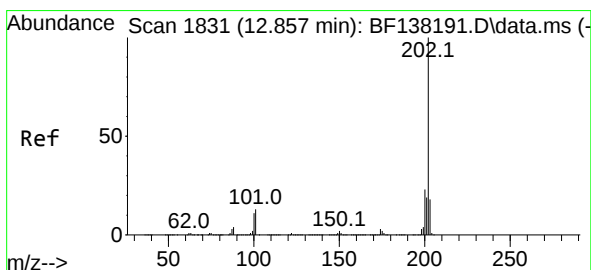
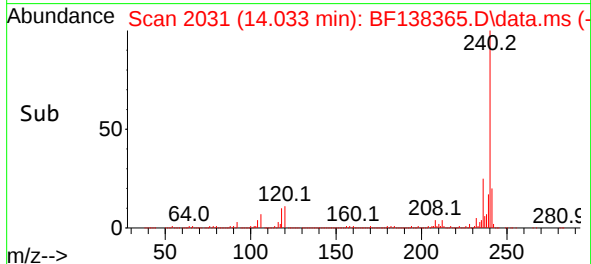
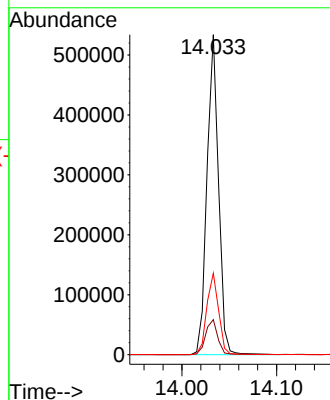
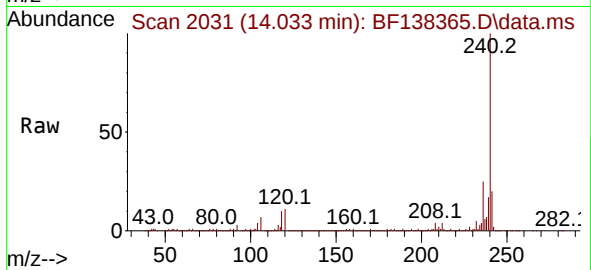
Tgt Ion:240 Resp: 451279

Ion Ratio Lower Upper

240 100

120 11.0 9.2 13.8

236 25.5 21.0 31.6



#78

Pyrene

Concen: 2.393 ng

RT: 12.833 min Scan# 1827

Delta R.T. -0.024 min

Lab File: BF138365.D

Acq: 27 Jun 2024 14:35

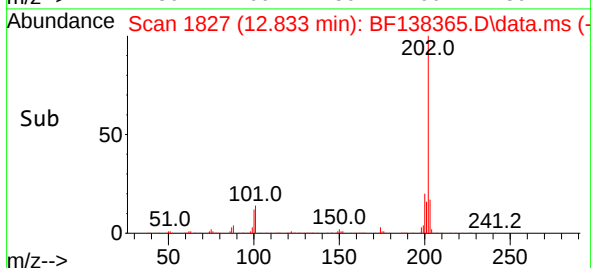
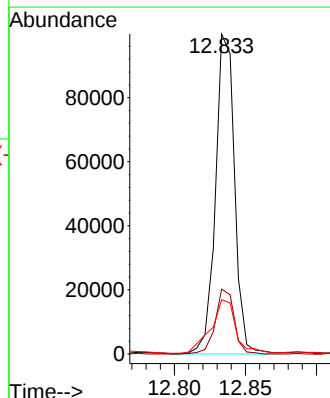
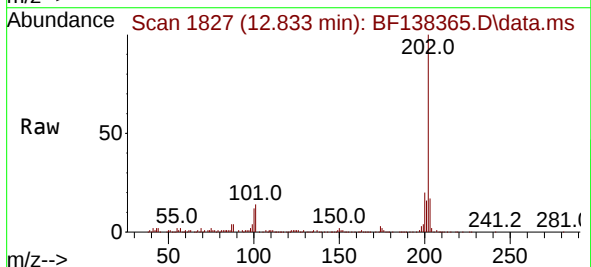
Tgt Ion:202 Resp: 93132

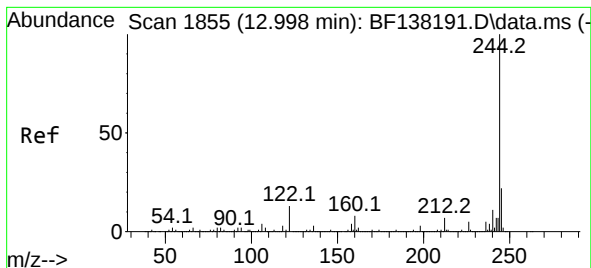
Ion Ratio Lower Upper

202 100

200 20.3 18.0 27.0

203 16.9 14.7 22.1





#79

Terphenyl-d14

Concen: 44.118 ng

RT: 12.980 min Scan# 1852

Delta R.T. -0.018 min

Lab File: BF138365.D

Acq: 27 Jun 2024 14:35

Instrument :

BNA_F

ClientSampleId :

7-S-1

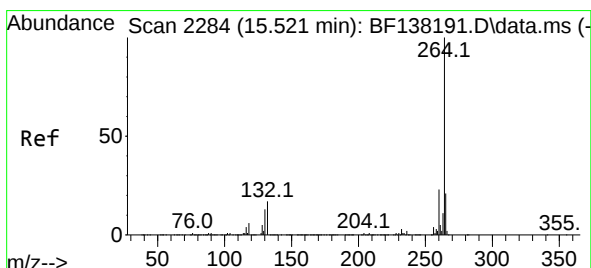
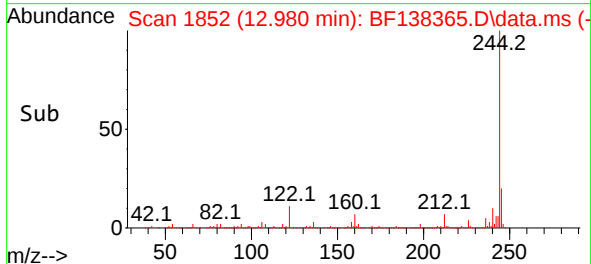
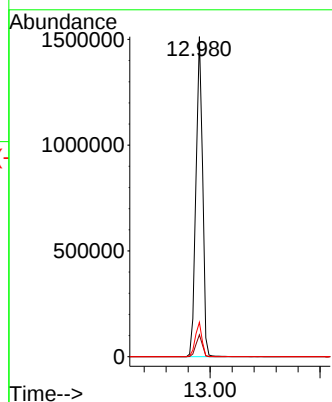
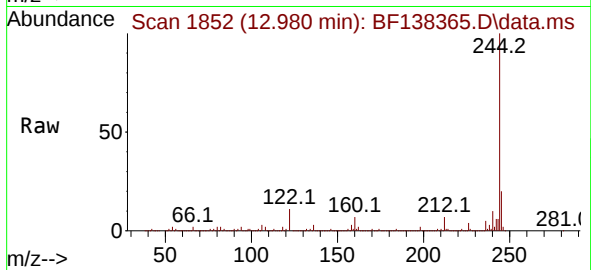
Tgt Ion:244 Resp: 1257058

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

122 10.7 10.6 15.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 2281

Delta R.T. -0.018 min

Lab File: BF138365.D

Acq: 27 Jun 2024 14:35

Tgt Ion:264 Resp: 518263

Ion Ratio Lower Upper

264 100

260 24.9 18.7 28.1

265 22.1 17.0 25.6

