

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062124\
 Data File : BF138279.D
 Acq On : 21 Jun 2024 11:50
 Operator : CG\JU
 Sample : PB161600BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161600BL

Quant Time: Jun 21 12:27:56 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	331327	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	1302752	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	754427	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	1404777	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	956115	20.000	ng	-0.01
86) Perylene-d12	15.515	264	796781	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2204203	111.287	ng	0.00
7) Phenol-d6	6.516	99	2700086	107.508	ng	0.00
23) Nitrobenzene-d5	7.445	82	1726286	77.143	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	908519	120.967	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	3211557	67.692	ng	0.00
79) Terphenyl-d14	12.998	244	4147682	68.707	ng	0.00

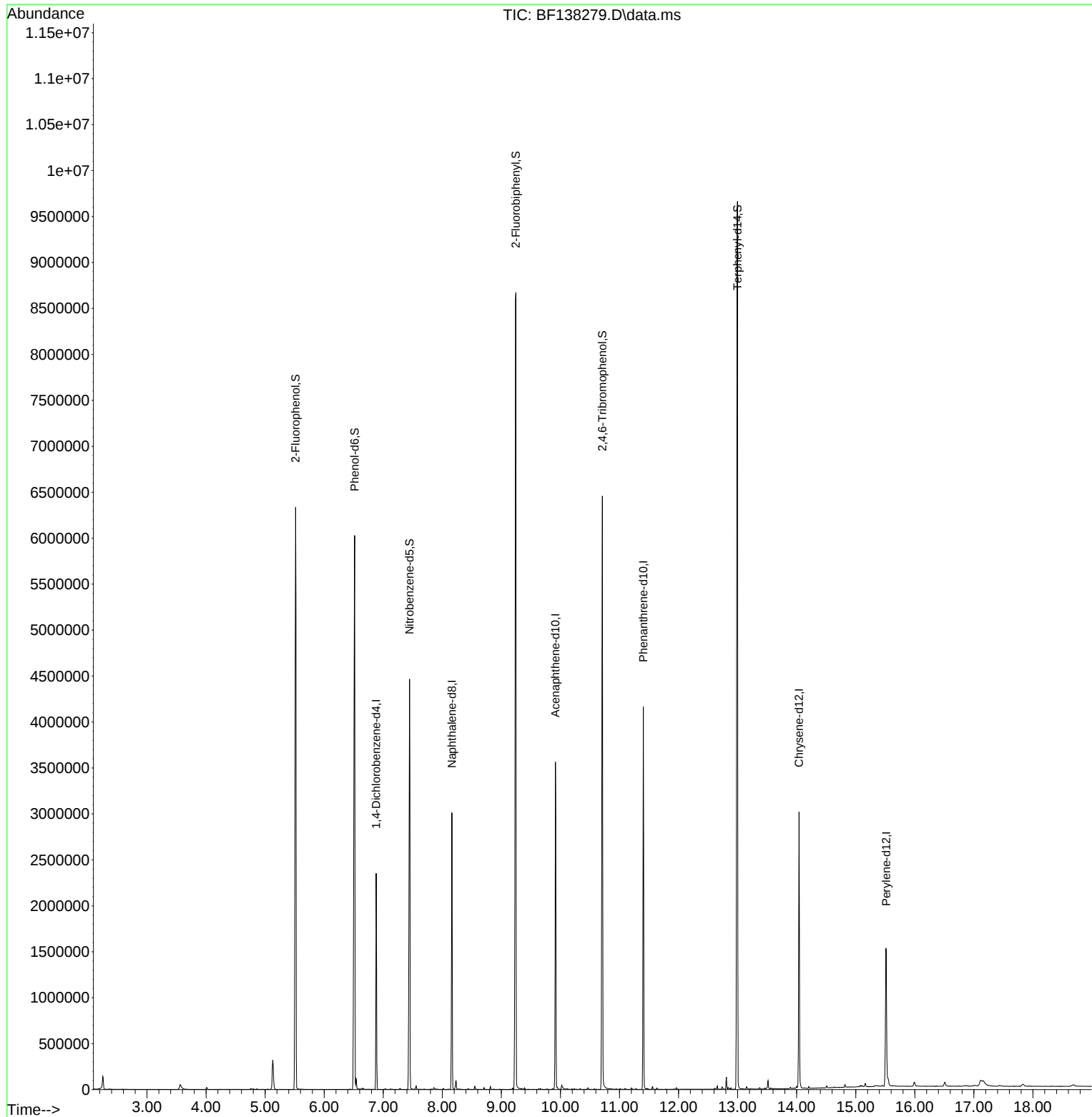
Target Compounds	Qvalue

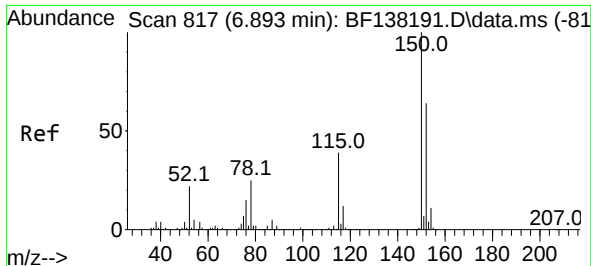
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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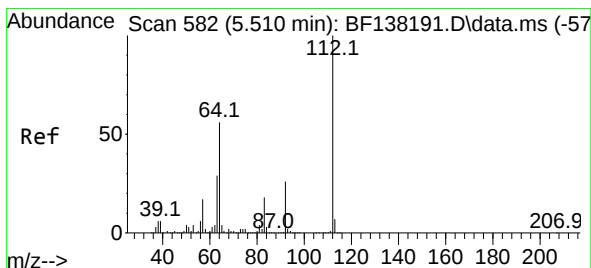
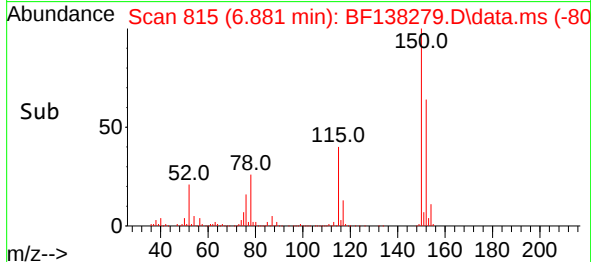
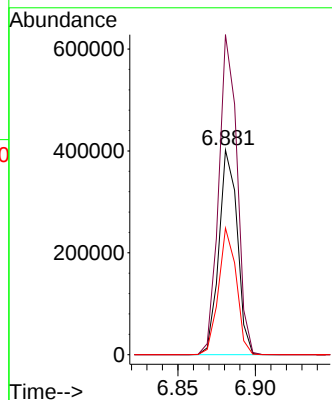
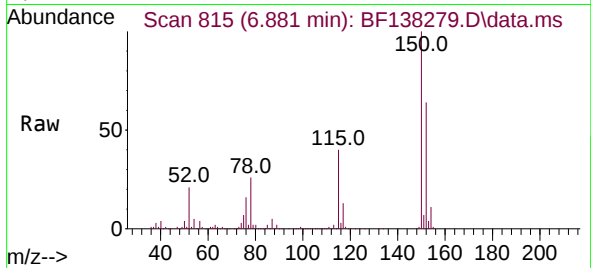




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138279.D
Acq: 21 Jun 2024 11:50

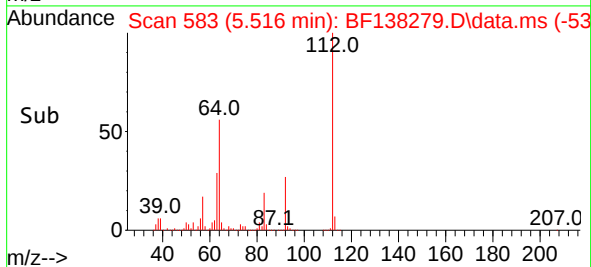
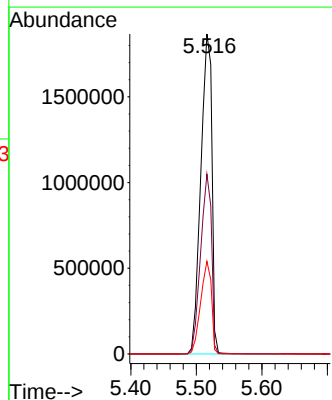
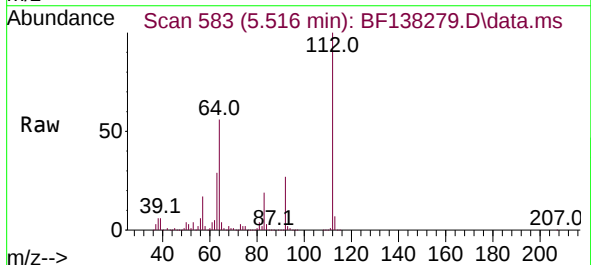
Instrument :
BNA_F
ClientSampleId :
PB161600BL

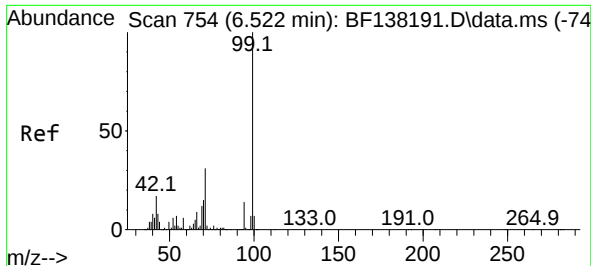
Tgt Ion:152 Resp: 331327
Ion Ratio Lower Upper
152 100
150 156.3 125.0 187.4
115 61.8 48.4 72.6



#5
2-Fluorophenol
Concen: 111.287 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF138279.D
Acq: 21 Jun 2024 11:50

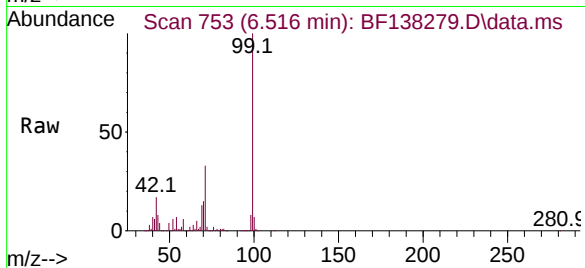
Tgt Ion:112 Resp: 2204203
Ion Ratio Lower Upper
112 100
64 56.2 45.2 67.8
63 28.9 22.9 34.3





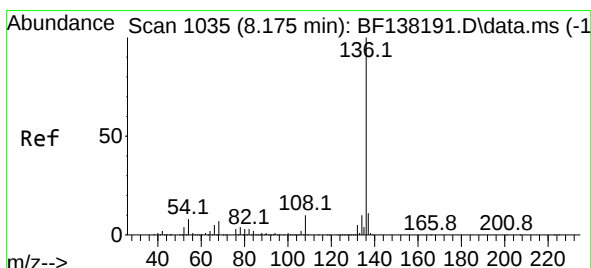
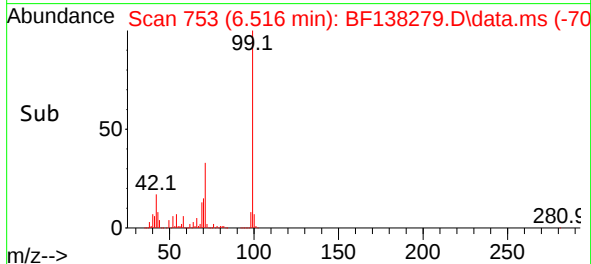
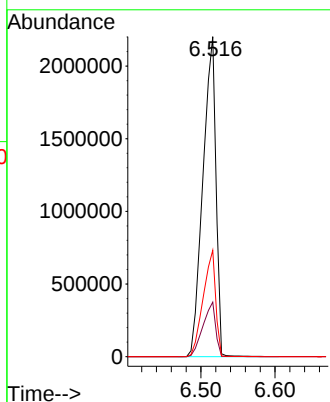
#7
Phenol-d6
Concen: 107.508 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138279.D
Acq: 21 Jun 2024 11:50

Instrument :
BNA_F
ClientSampleId :
PB161600BL



Tgt Ion: 99 Resp: 2700086

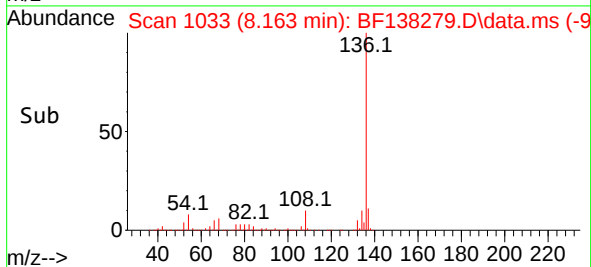
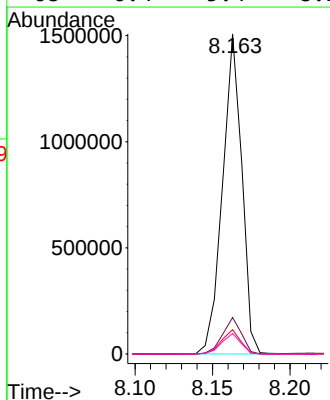
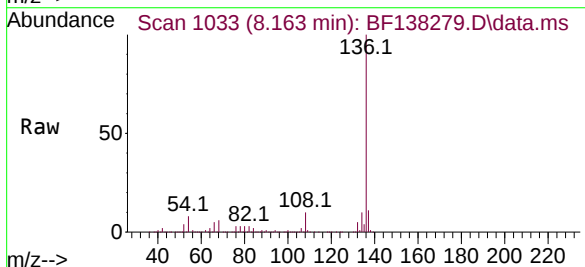
Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.7	20.5
71	33.3	25.0	37.6

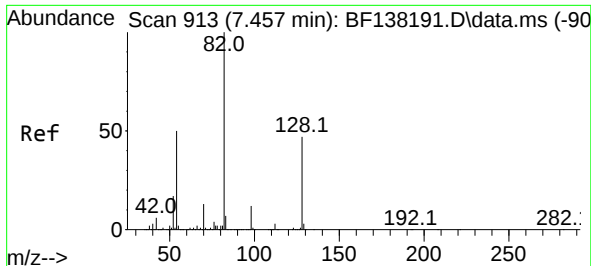


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138279.D
Acq: 21 Jun 2024 11:50

Tgt Ion: 136 Resp: 1302752

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.6	6.6	10.0
68	6.4	5.4	8.2





#23

Nitrobenzene-d5

Concen: 77.143 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF138279.D

Acq: 21 Jun 2024 11:50

Instrument :

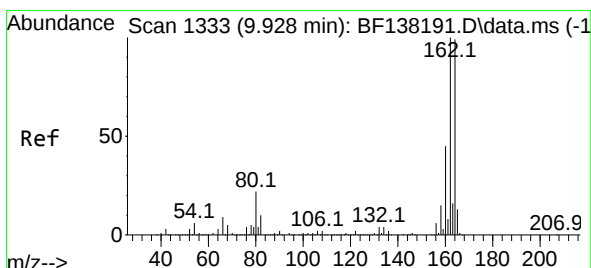
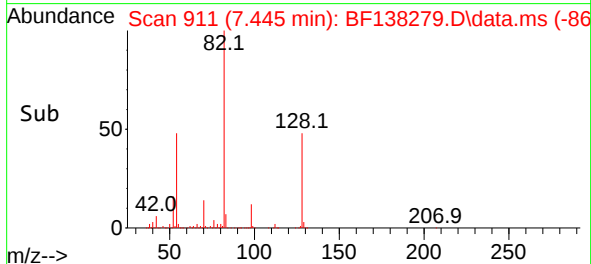
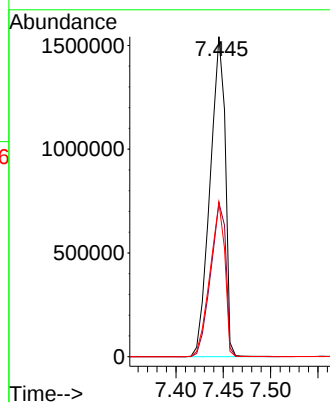
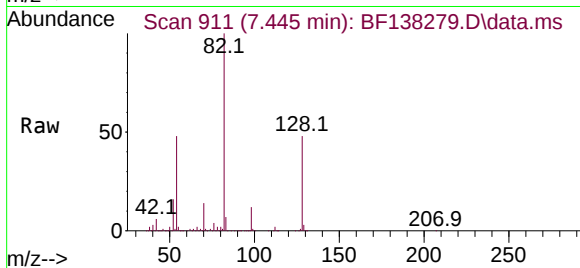
BNA_F

ClientSampleId :

PB161600BL

Tgt Ion: 82 Resp: 1726286

Ion	Ratio	Lower	Upper
82	100		
128	48.1	37.2	55.8
54	48.3	39.8	59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1331

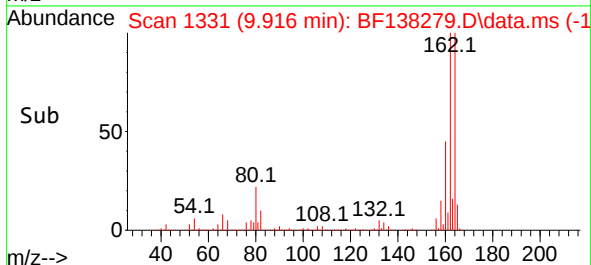
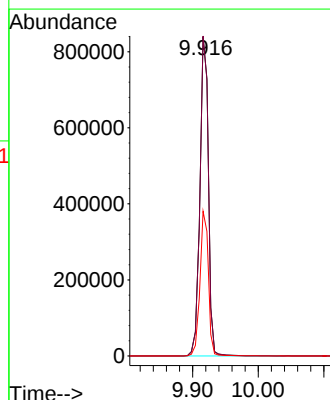
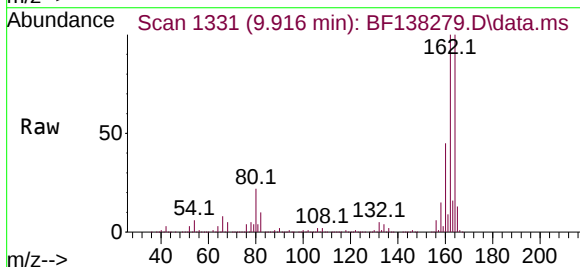
Delta R.T. -0.012 min

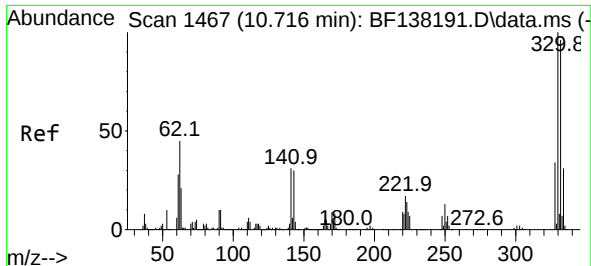
Lab File: BF138279.D

Acq: 21 Jun 2024 11:50

Tgt Ion: 164 Resp: 754427

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.6	121.0
160	45.3	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 120.967 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF138279.D

Acq: 21 Jun 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB161600BL

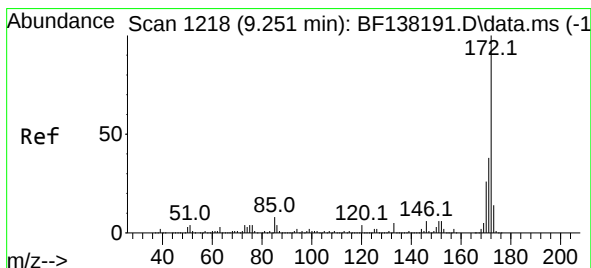
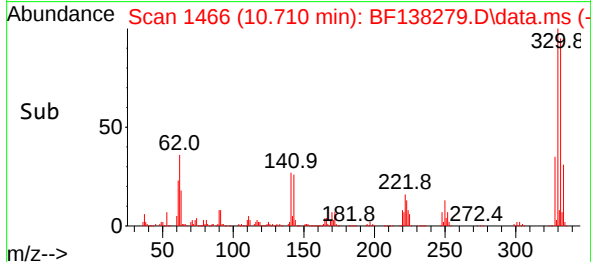
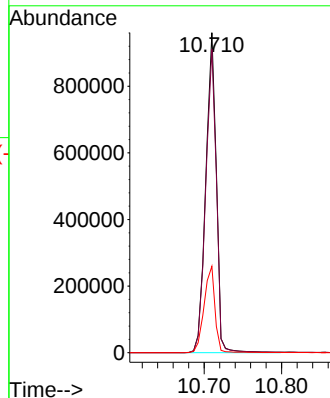
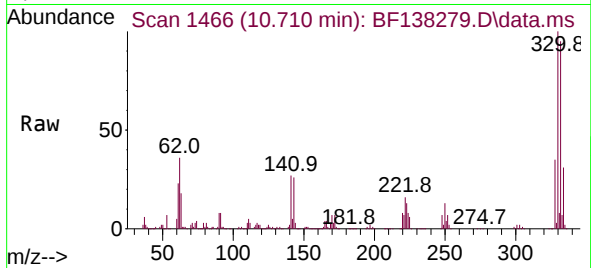
Tgt Ion:330 Resp: 908519

Ion Ratio Lower Upper

330 100

332 96.0 76.6 115.0

141 28.1 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 67.692 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF138279.D

Acq: 21 Jun 2024 11:50

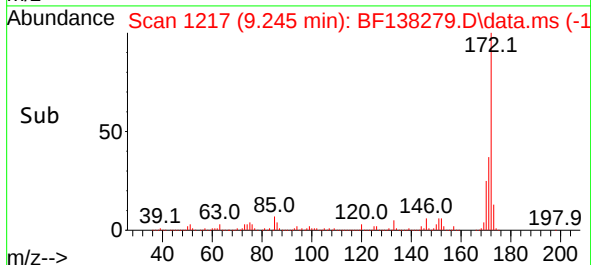
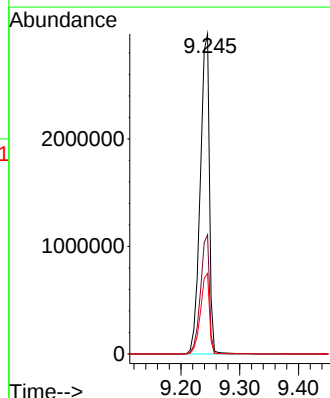
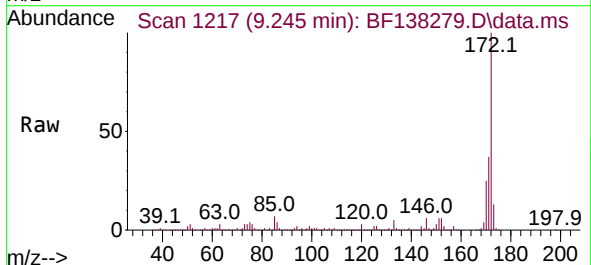
Tgt Ion:172 Resp: 3211557

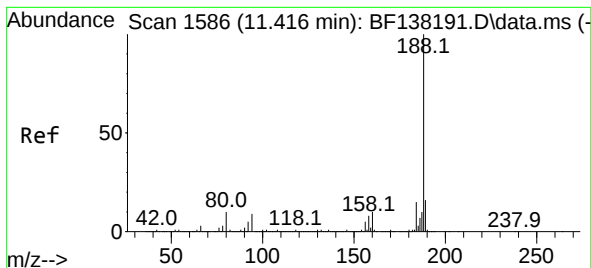
Ion Ratio Lower Upper

172 100

171 37.3 30.3 45.5

170 25.1 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: BF138279.D

Acq: 21 Jun 2024 11:50

Instrument :

BNA_F

ClientSampleId :

PB161600BL

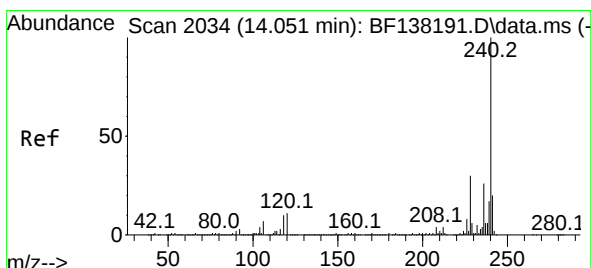
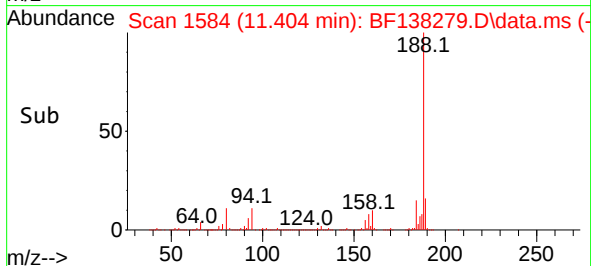
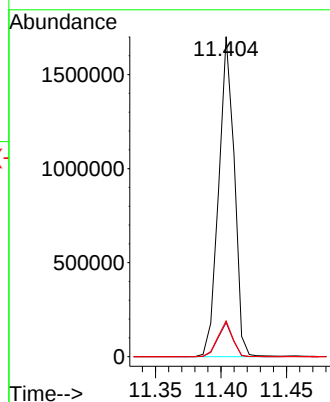
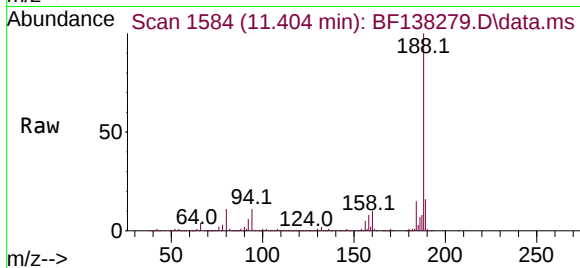
Tgt Ion:188 Resp: 1404777

Ion Ratio Lower Upper

188 100

94 10.6 7.6 11.4

80 11.2 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: BF138279.D

Acq: 21 Jun 2024 11:50

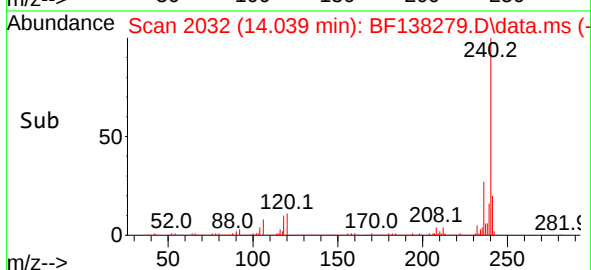
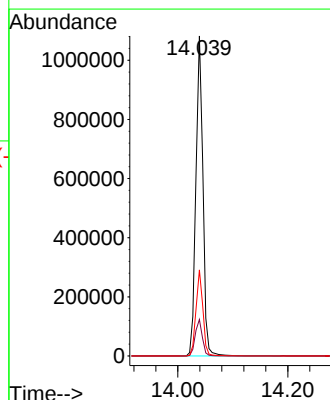
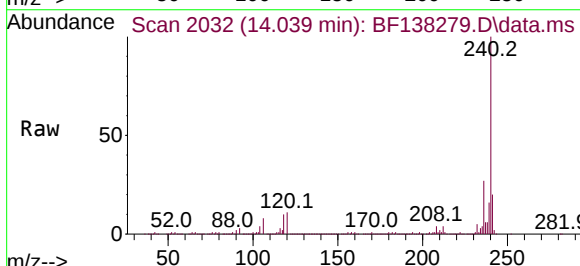
Tgt Ion:240 Resp: 956115

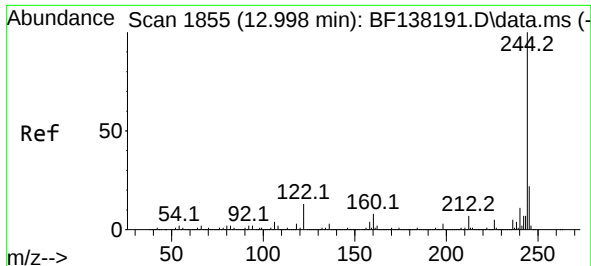
Ion Ratio Lower Upper

240 100

120 11.4 9.2 13.8

236 26.9 21.0 31.6

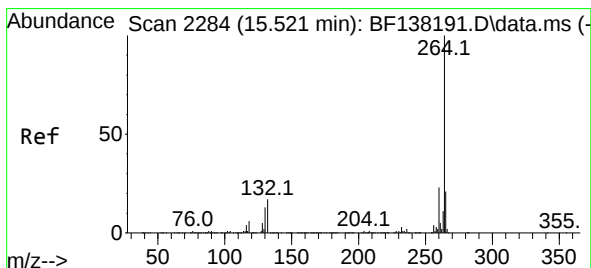
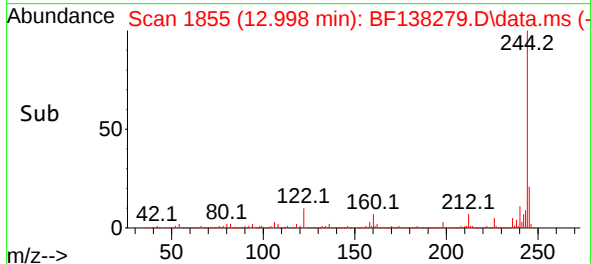
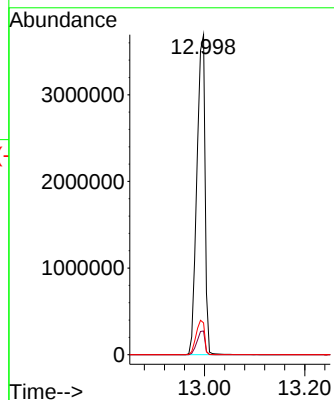
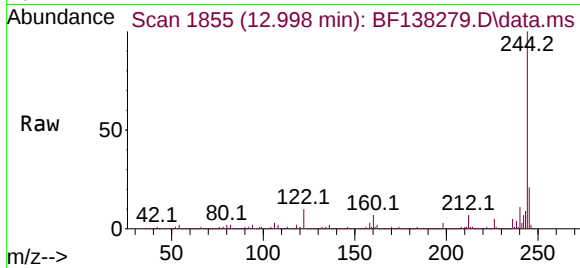




#79
 Terphenyl-d14
 Concen: 68.707 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF138279.D
 Acq: 21 Jun 2024 11:50

Instrument :
 BNA_F
 ClientSampleId :
 PB161600BL

Tgt Ion:244 Resp: 4147682
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 10.0 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: BF138279.D
 Acq: 21 Jun 2024 11:50

Tgt Ion:264 Resp: 796781
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.7 28.1
 265 21.6 17.0 25.6

