

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061824\
 Data File : BF138219.D
 Acq On : 18 Jun 2024 12:23
 Operator : CG\JU
 Sample : PB161536BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161536BL

Quant Time: Jun 18 12:51:33 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	406370	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1590398	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	885183	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1622746	20.000	ng	0.00
76) Chrysene-d12	14.045	240	1217370	20.000	ng	0.00
86) Perylene-d12	15.521	264	1154629	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2739381	112.767	ng	0.02
7) Phenol-d6	6.522	99	3380141	109.732	ng	0.00
23) Nitrobenzene-d5	7.457	82	2145263	78.527	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	1026039	116.434	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	3883162	69.757	ng	0.00
79) Terphenyl-d14	13.004	244	4700721	61.158	ng	0.00

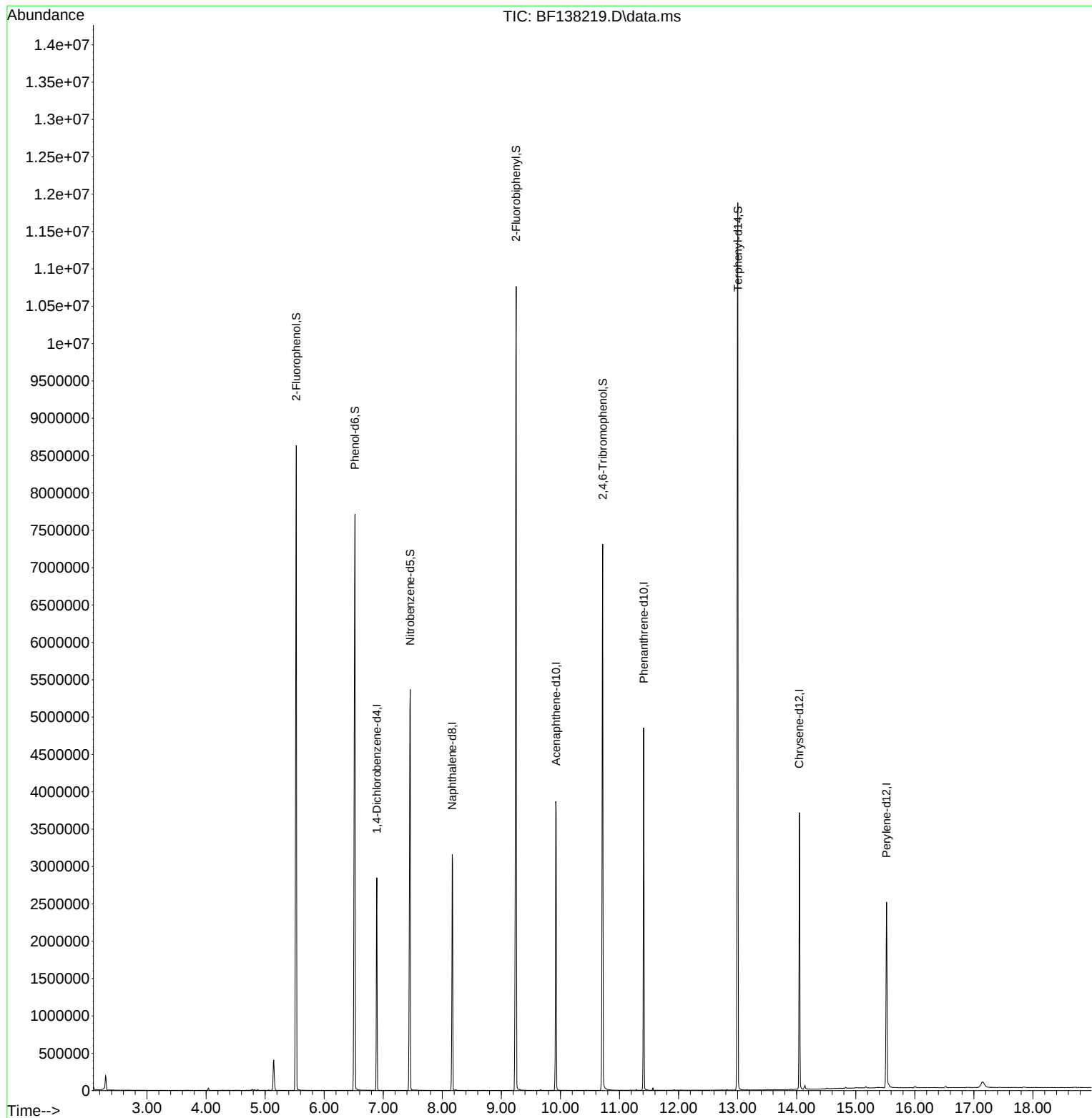
Target Compounds	Qvalue

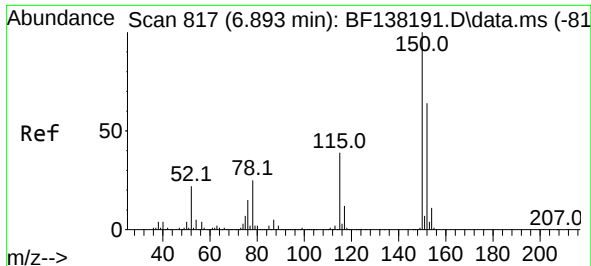
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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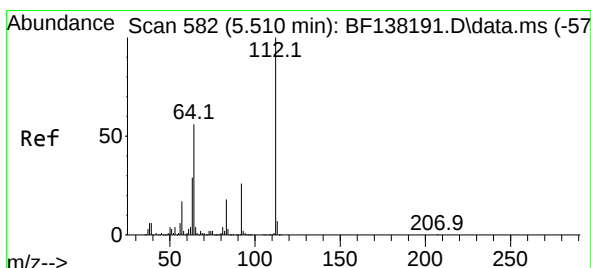
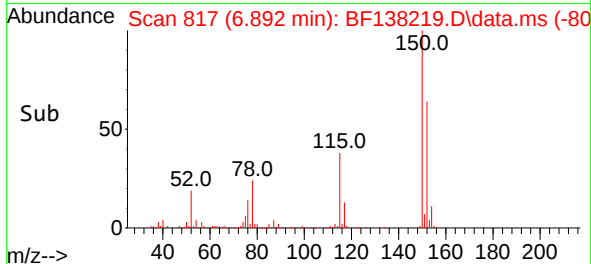
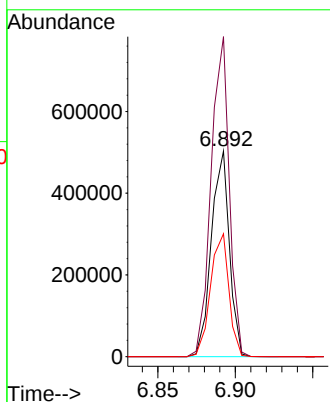
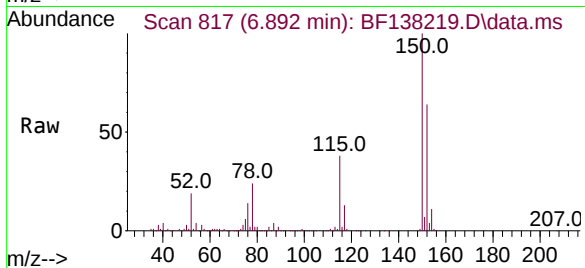




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.001 min
Lab File: BF138219.D
Acq: 18 Jun 2024 12:23

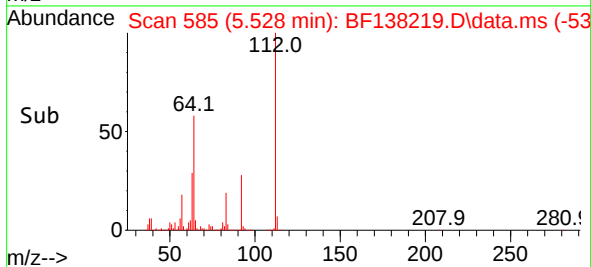
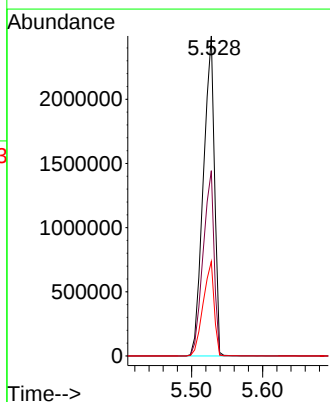
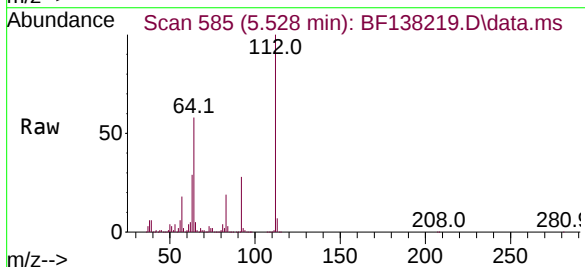
Instrument :
BNA_F
ClientSampleId :
PB161536BL

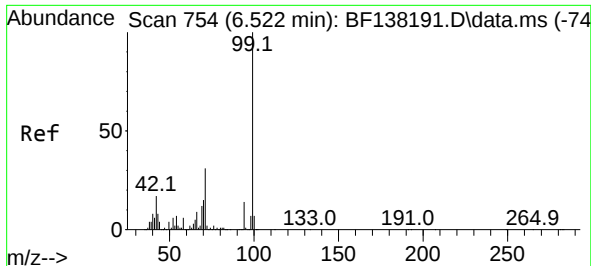
Tgt Ion:152 Resp: 406370
Ion Ratio Lower Upper
152 100
150 155.6 125.0 187.4
115 59.8 48.4 72.6



#5
2-Fluorophenol
Concen: 112.767 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.017 min
Lab File: BF138219.D
Acq: 18 Jun 2024 12:23

Tgt Ion:112 Resp: 2739381
Ion Ratio Lower Upper
112 100
64 57.9 45.2 67.8
63 29.5 22.9 34.3

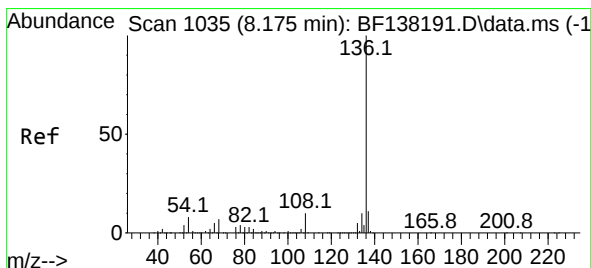
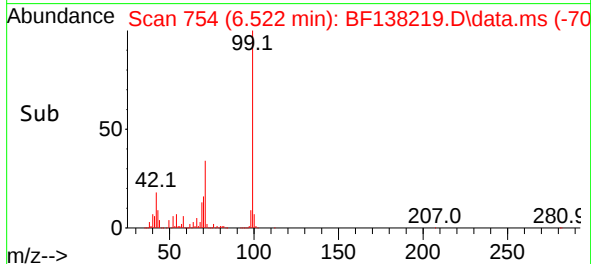
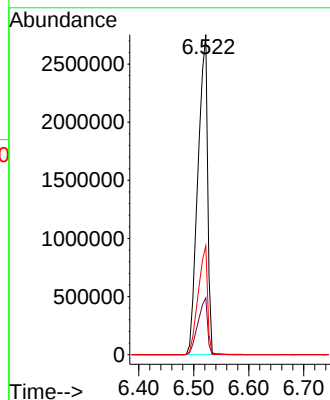
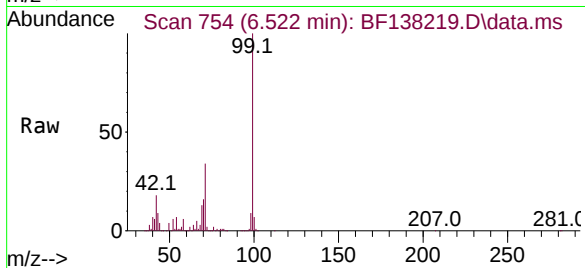




#7
Phenol-d6
Concen: 109.732 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF138219.D
Acq: 18 Jun 2024 12:23

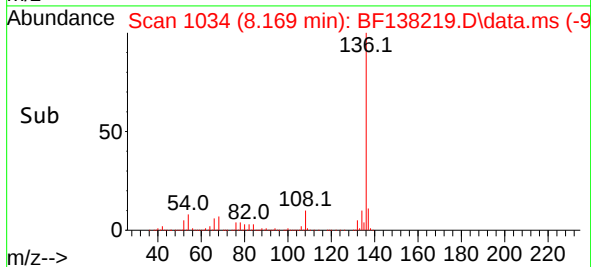
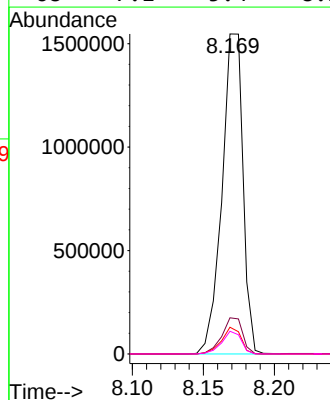
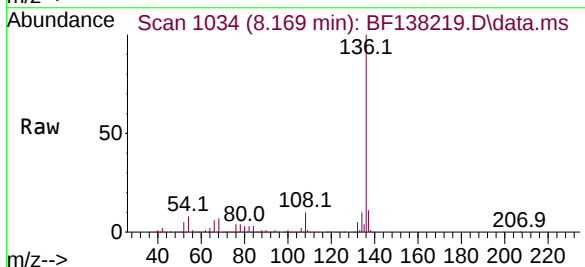
Instrument :
BNA_F
ClientSampleId :
PB161536BL

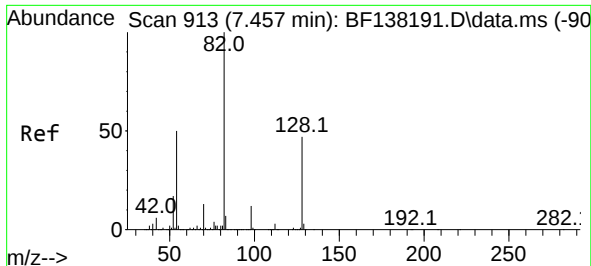
Tgt Ion: 99 Resp: 3380141
Ion Ratio Lower Upper
99 100
42 17.8 13.7 20.5
71 34.0 25.0 37.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138219.D
Acq: 18 Jun 2024 12:23

Tgt Ion:136 Resp: 1590398
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 8.4 6.6 10.0
68 7.1 5.4 8.2





#23

Nitrobenzene-d5

Concen: 78.527 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF138219.D

Acq: 18 Jun 2024 12:23

Instrument :

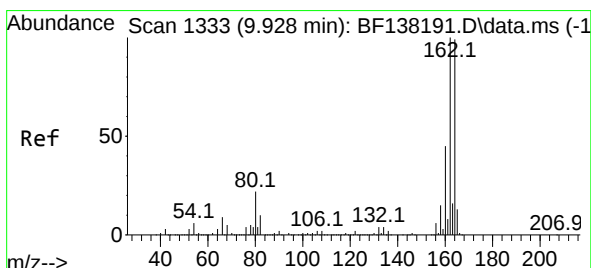
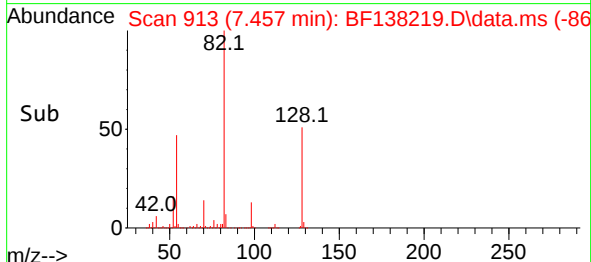
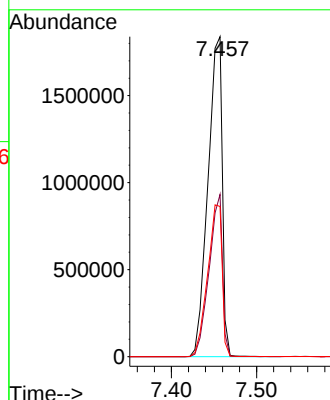
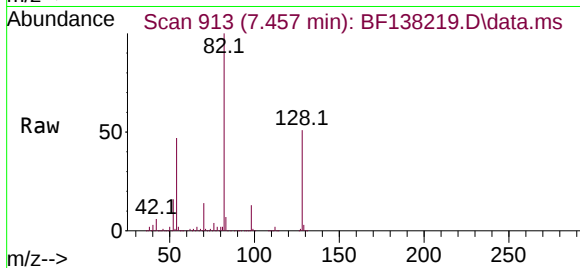
BNA_F

ClientSampleId :

PB161536BL

Tgt Ion: 82 Resp: 2145263

Ion	Ratio	Lower	Upper
82	100		
128	50.7	37.2	55.8
54	47.0	39.8	59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1333

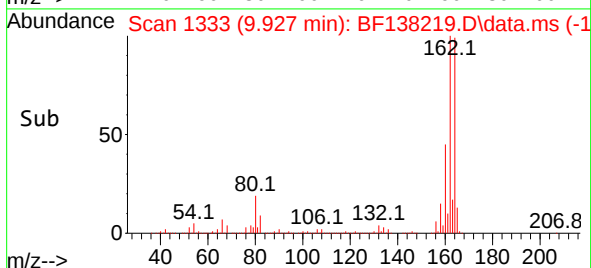
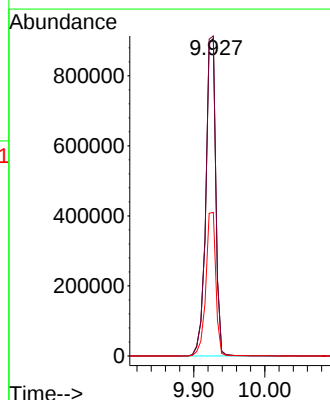
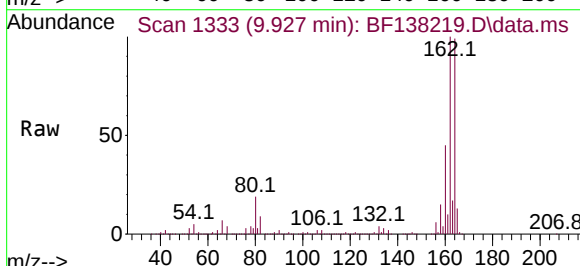
Delta R.T. -0.000 min

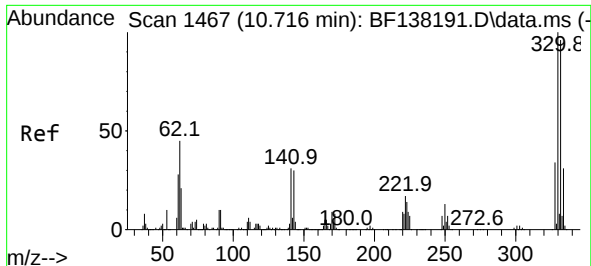
Lab File: BF138219.D

Acq: 18 Jun 2024 12:23

Tgt Ion: 164 Resp: 885183

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.6	121.0
160	45.2	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 116.434 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.000 min

Lab File: BF138219.D

Acq: 18 Jun 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB161536BL

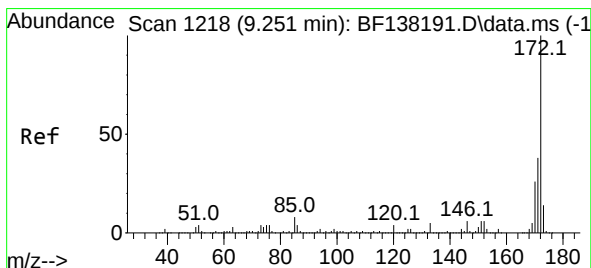
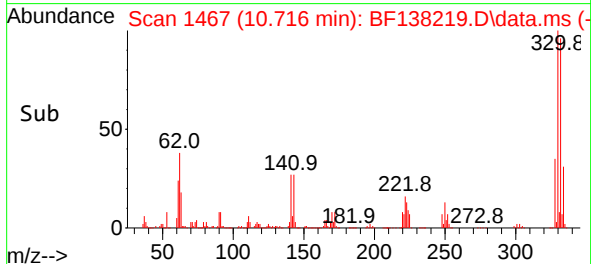
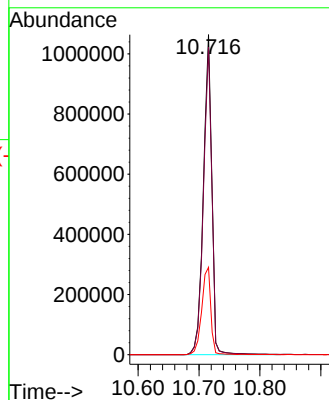
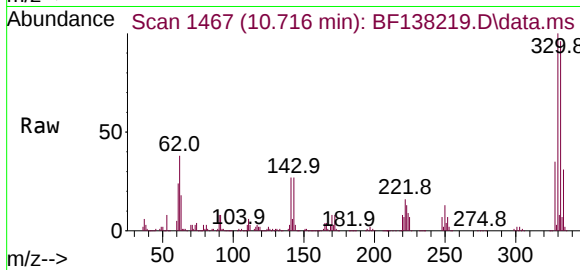
Tgt Ion:330 Resp: 1026039

Ion Ratio Lower Upper

330 100

332 96.4 76.6 115.0

141 29.5 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 69.757 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF138219.D

Acq: 18 Jun 2024 12:23

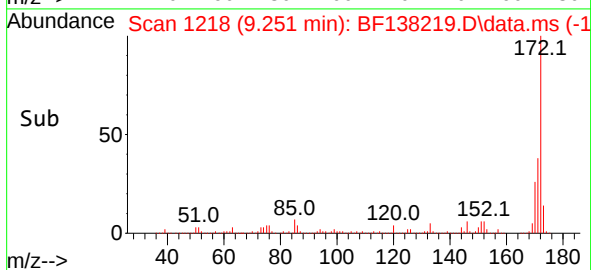
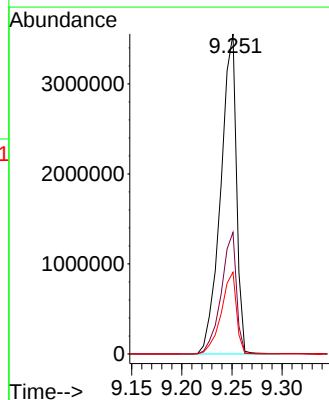
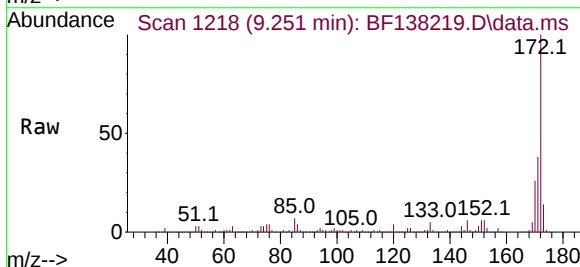
Tgt Ion:172 Resp: 3883162

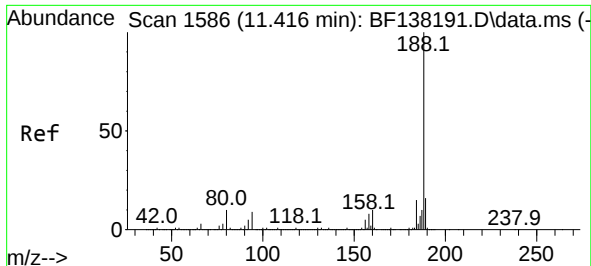
Ion Ratio Lower Upper

172 100

171 38.0 30.3 45.5

170 25.5 20.6 30.8

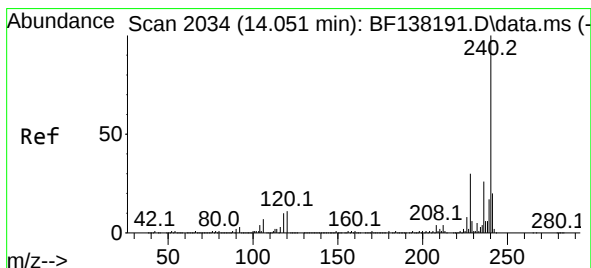
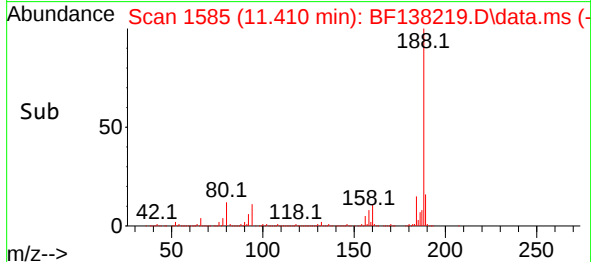
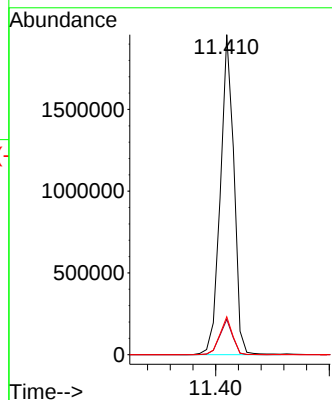
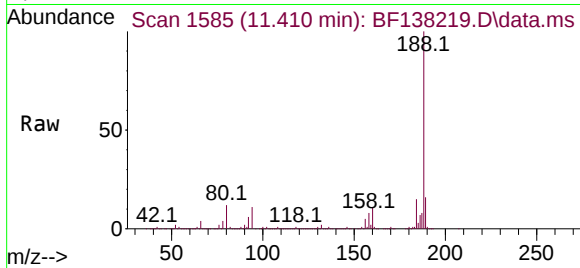




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138219.D
Acq: 18 Jun 2024 12:23

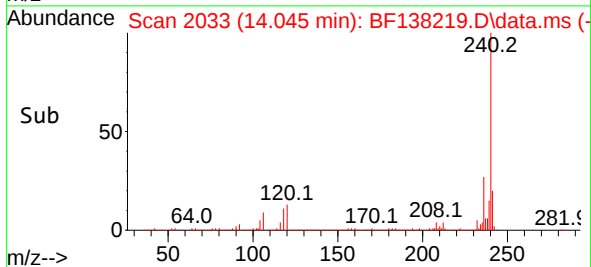
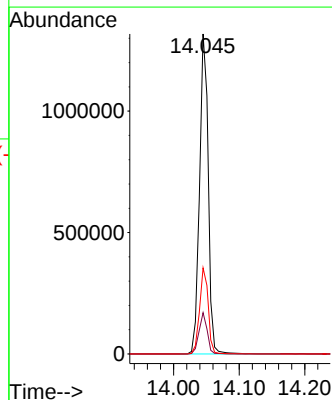
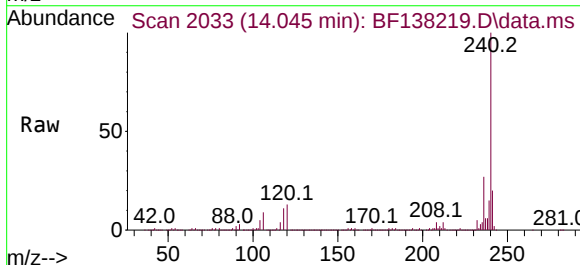
Instrument :
BNA_F
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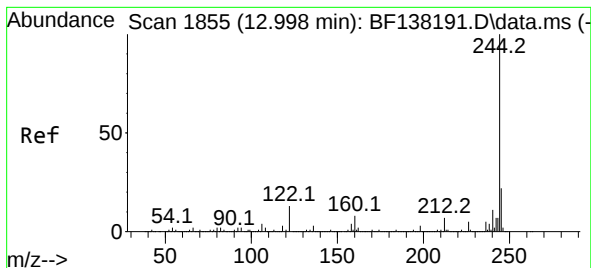
Tgt Ion:188 Resp: 1622746
Ion Ratio Lower Upper
188 100
94 11.0 7.6 11.4
80 11.8 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138219.D
Acq: 18 Jun 2024 12:23

Tgt Ion:240 Resp: 1217370
Ion Ratio Lower Upper
240 100
120 12.9 9.2 13.8
236 26.9 21.0 31.6





#79

Terphenyl-d14

Concen: 61.158 ng

RT: 13.004 min Scan# 1856

Delta R.T. 0.006 min

Lab File: BF138219.D

Acq: 18 Jun 2024 12:23

Instrument :

BNA_F

ClientSampleId :

PB161536BL

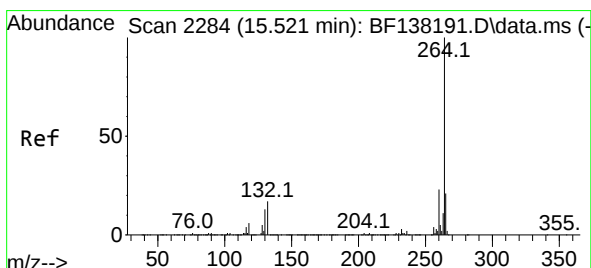
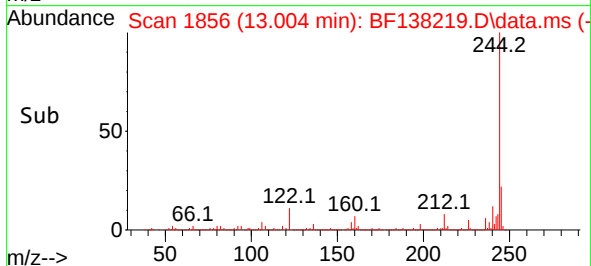
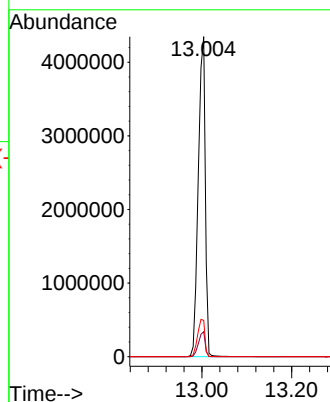
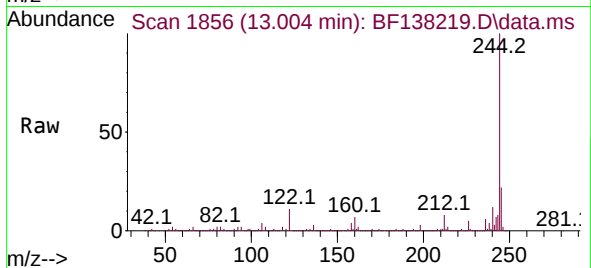
Tgt Ion:244 Resp: 4700721

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

122 11.3 10.6 15.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2284

Delta R.T. -0.000 min

Lab File: BF138219.D

Acq: 18 Jun 2024 12:23

Tgt Ion:264 Resp: 1154629

Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

265 21.7 17.0 25.6

