

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062524\
Data File : BF138330.D
Acq On : 25 Jun 2024 12:46
Operator : CG\JU
Sample : PB161643TB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB161643TB

Quant Time: Jun 25 13:20:41 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	226698	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	900869	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	508462	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	904992	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	495027	20.000	ng	0.00
86) Perylene-d12	15.521	264	475912	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1573509	116.111	ng	0.01
7) Phenol-d6	6.516	99	1965657	114.387	ng	0.00
23) Nitrobenzene-d5	7.445	82	1245206	80.468	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	637837	126.009	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2440641	76.328	ng	0.00
79) Terphenyl-d14	12.998	244	2720425	87.040	ng	0.00

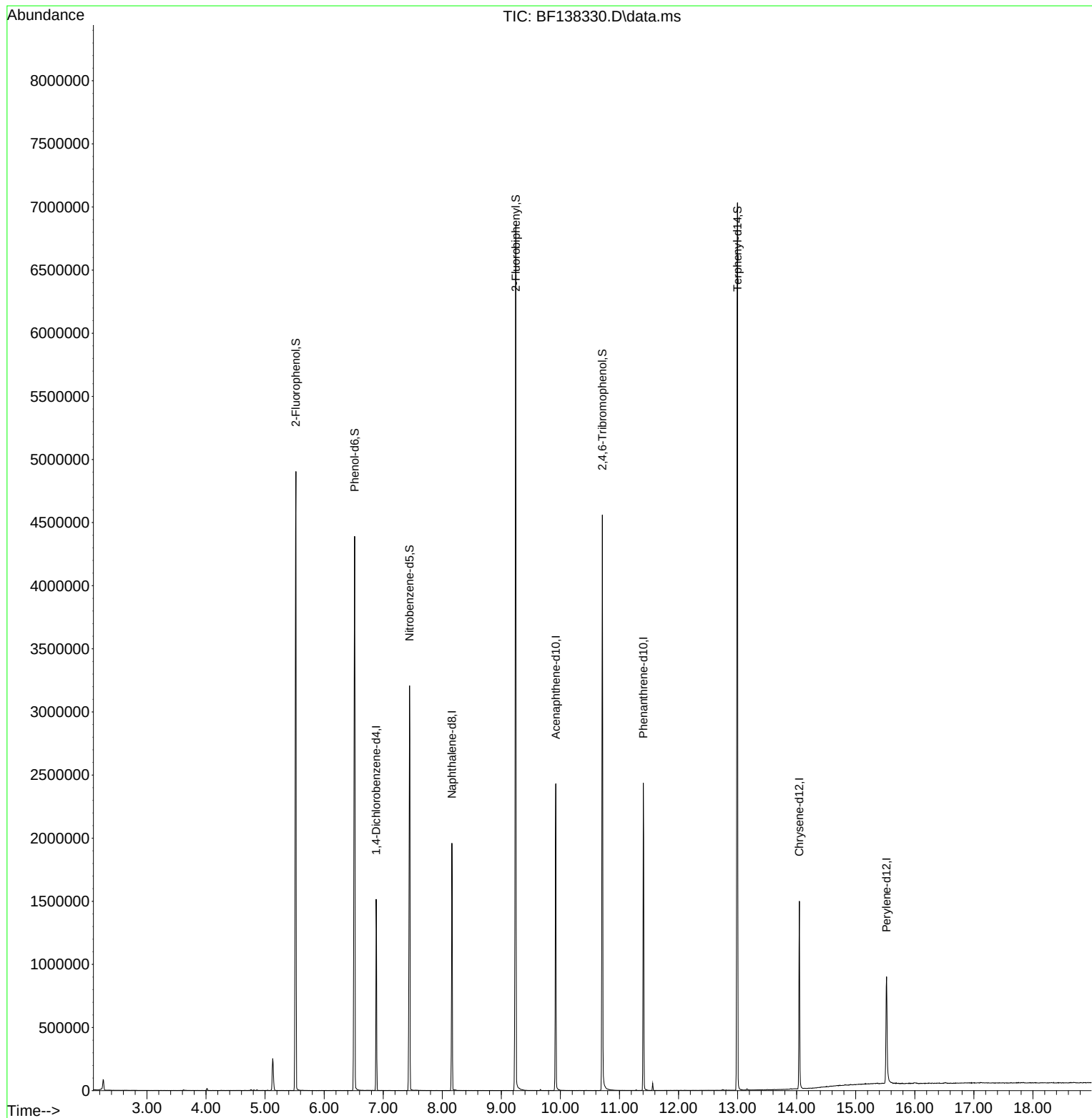
Target Compounds	Qvalue

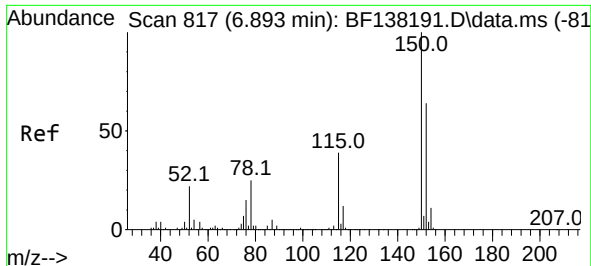
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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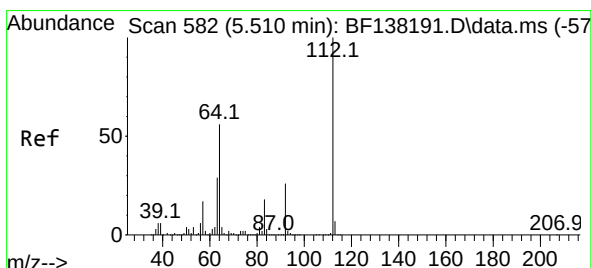
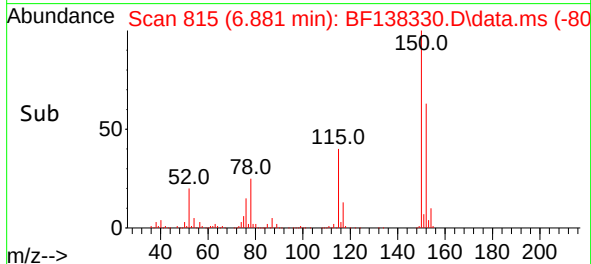
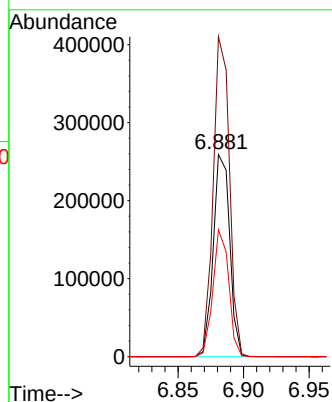
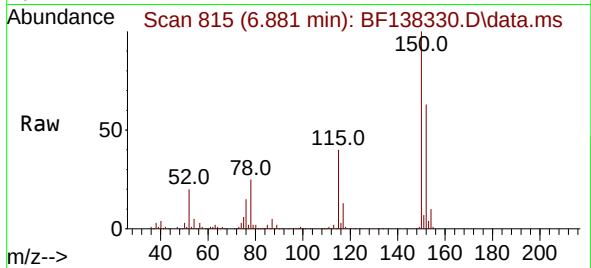




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.012 min
Lab File: BF138330.D
Acq: 25 Jun 2024 12:46

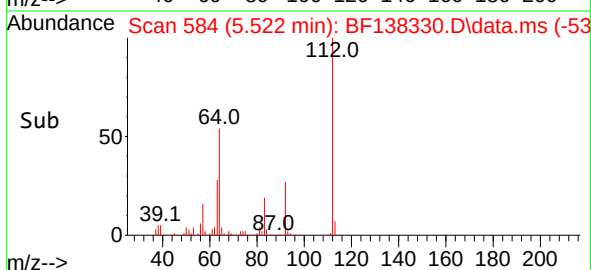
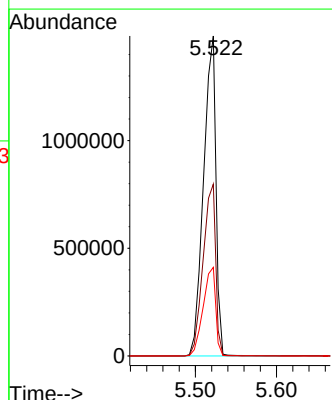
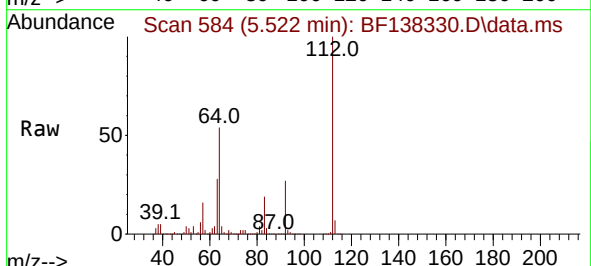
Instrument :
BNA_F
ClientSampleId :
PB161643TB

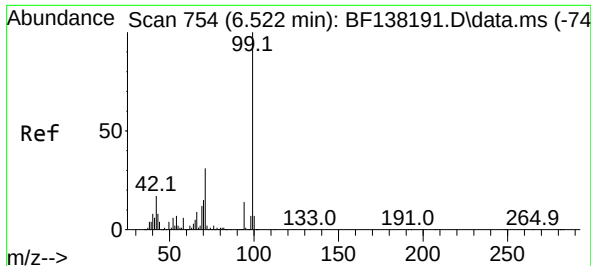
Tgt Ion:152 Resp: 226698
Ion Ratio Lower Upper
152 100
150 158.2 125.0 187.4
115 62.7 48.4 72.6



#5
2-Fluorophenol
Concen: 116.111 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF138330.D
Acq: 25 Jun 2024 12:46

Tgt Ion:112 Resp: 1573509
Ion Ratio Lower Upper
112 100
64 53.7 45.2 67.8
63 27.7 22.9 34.3

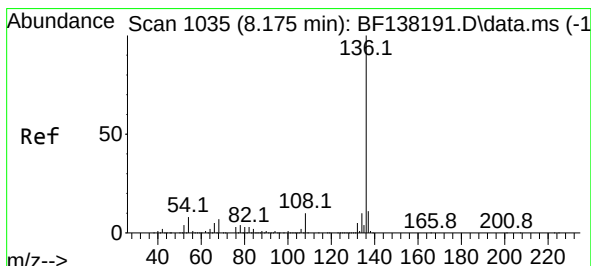
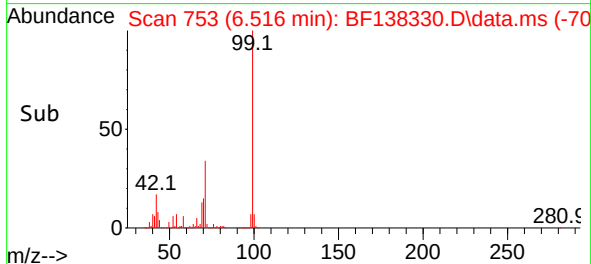
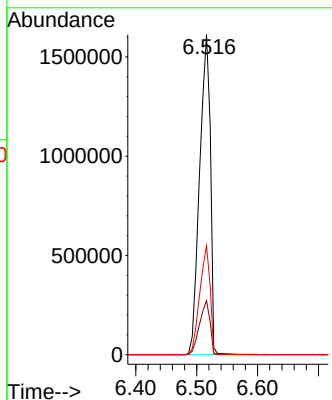
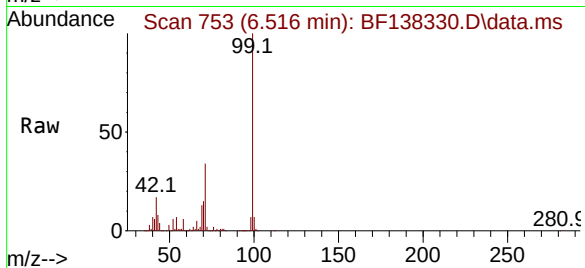




#7
Phenol-d6
Concen: 114.387 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138330.D
Acq: 25 Jun 2024 12:46

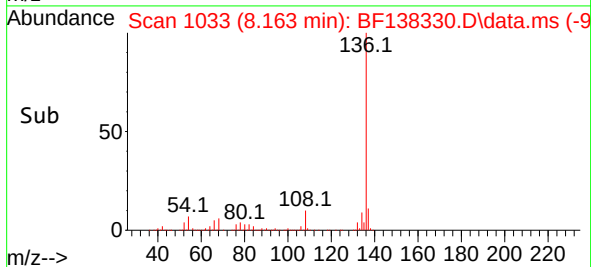
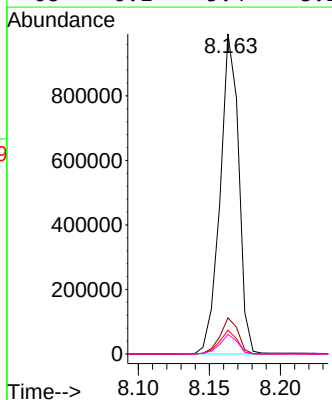
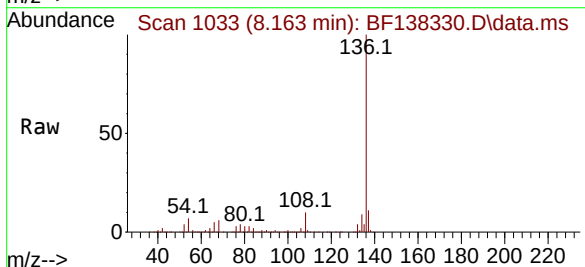
Instrument :
BNA_F
ClientSampleId :
PB161643TB

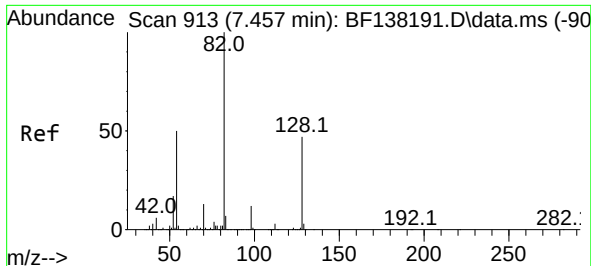
Tgt Ion: 99 Resp: 1965657
Ion Ratio Lower Upper
99 100
42 16.9 13.7 20.5
71 34.1 25.0 37.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138330.D
Acq: 25 Jun 2024 12:46

Tgt Ion: 136 Resp: 900869
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.4 6.6 10.0
68 6.1 5.4 8.2

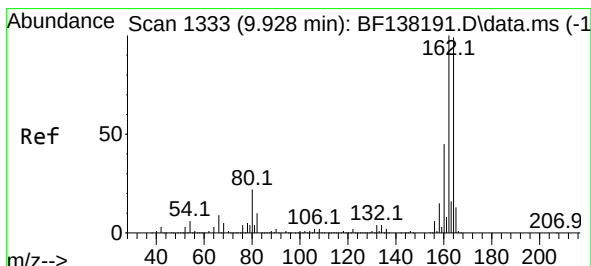
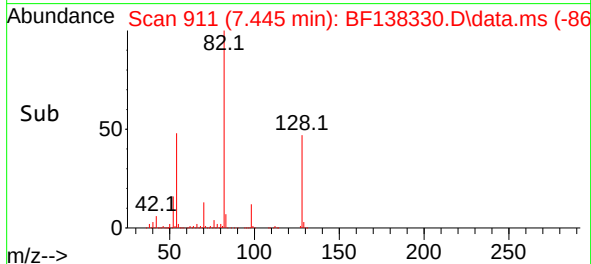
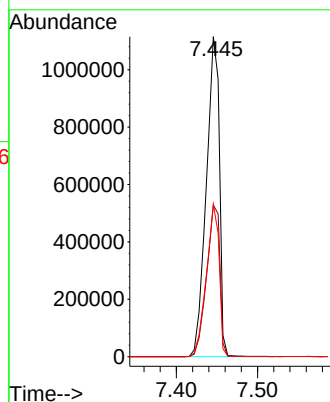
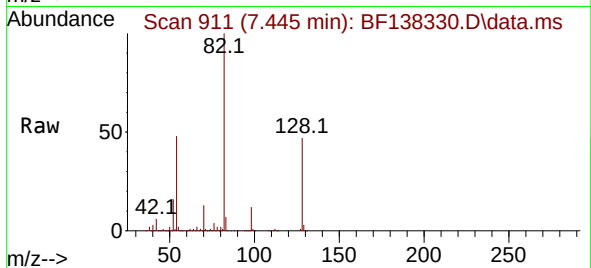




#23
Nitrobenzene-d5
Concen: 80.468 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138330.D
Acq: 25 Jun 2024 12:46

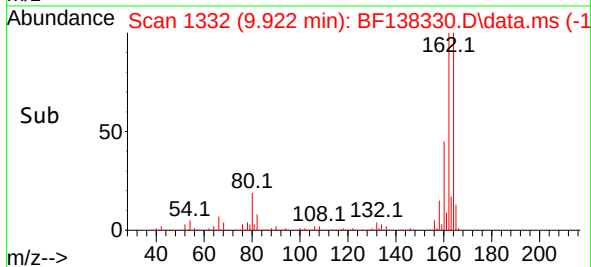
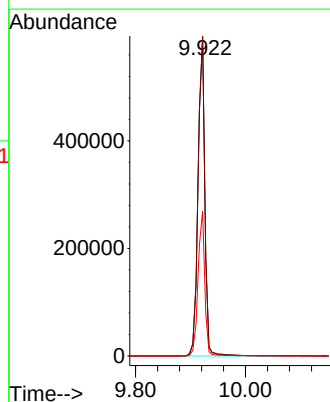
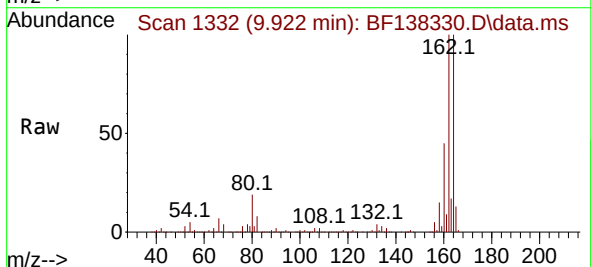
Instrument :
BNA_F
ClientSampleId :
PB161643TB

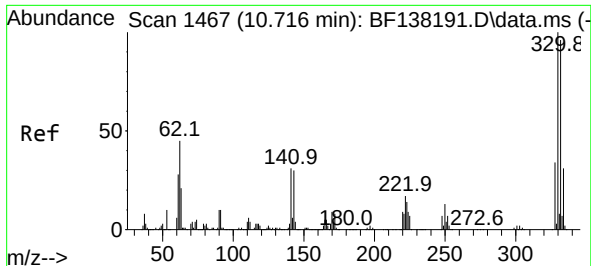
Tgt Ion: 82 Resp: 1245206
Ion Ratio Lower Upper
82 100
128 47.4 37.2 55.8
54 47.6 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF138330.D
Acq: 25 Jun 2024 12:46

Tgt Ion: 164 Resp: 508462
Ion Ratio Lower Upper
164 100
162 100.1 80.6 121.0
160 45.3 36.3 54.5

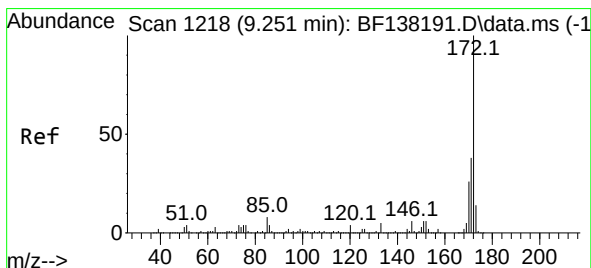
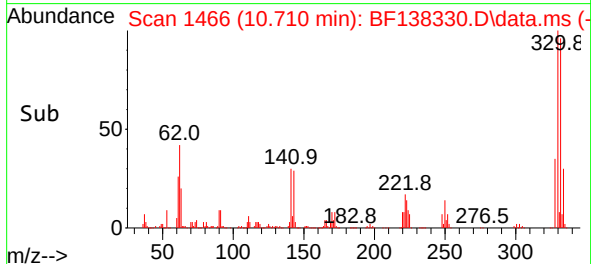
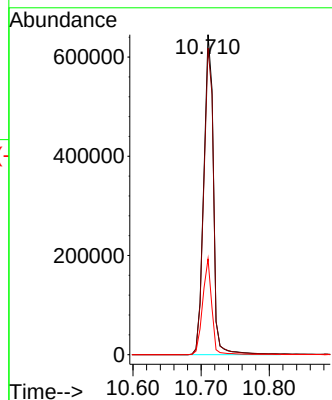
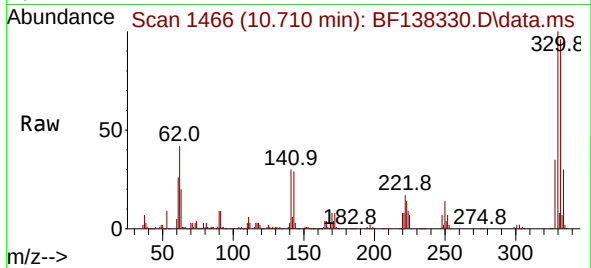




#42
2,4,6-Tribromophenol
Concen: 126.009 ng
RT: 10.710 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF138330.D
Acq: 25 Jun 2024 12:46

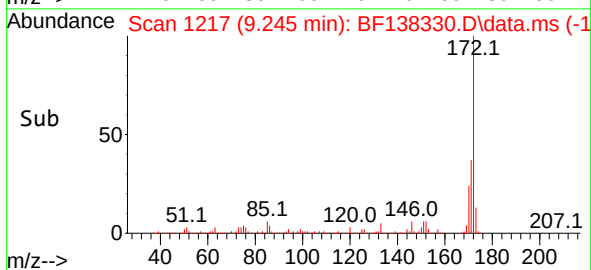
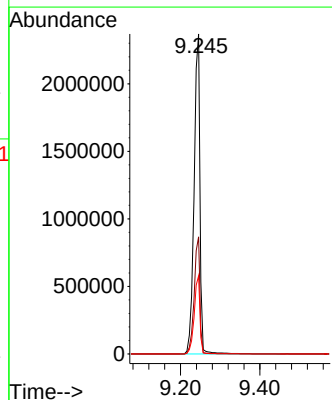
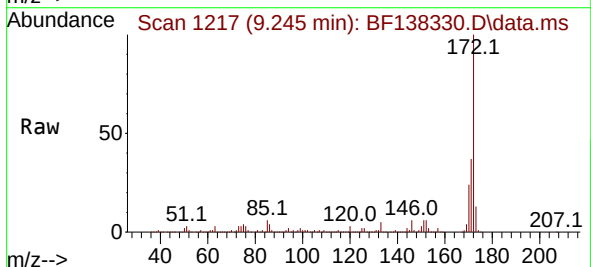
Instrument :
BNA_F
ClientSampleId :
PB161643TB

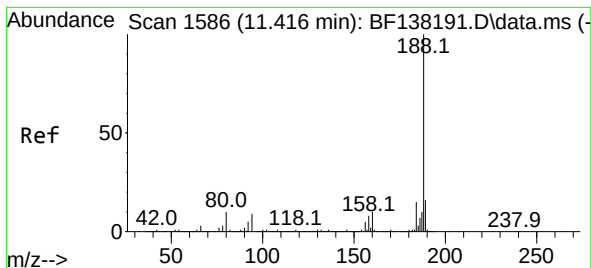
Tgt Ion:330 Resp: 637837
Ion Ratio Lower Upper
330 100
332 97.4 76.6 115.0
141 28.2 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 76.328 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF138330.D
Acq: 25 Jun 2024 12:46

Tgt Ion:172 Resp: 2440641
Ion Ratio Lower Upper
172 100
171 36.6 30.3 45.5
170 24.4 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: BF138330.D

Acq: 25 Jun 2024 12:46

Instrument :

BNA_F

ClientSampleId :

PB161643TB

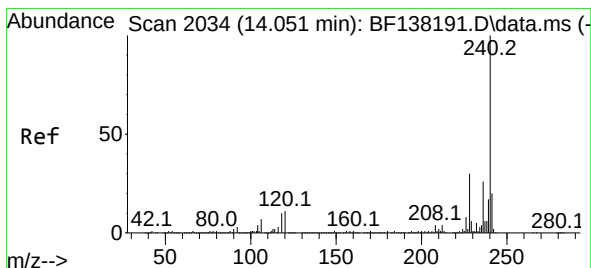
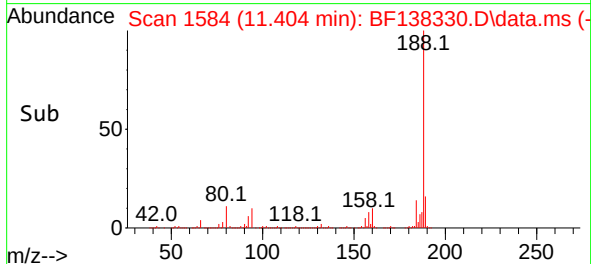
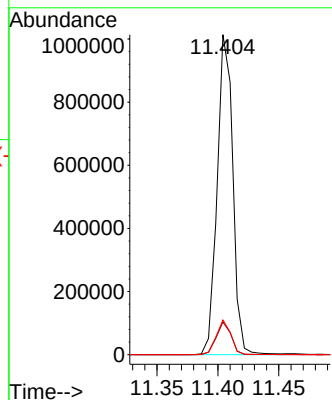
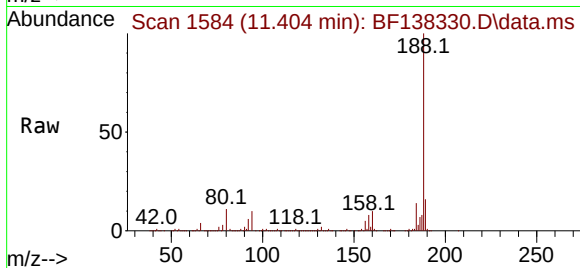
Tgt Ion:188 Resp: 904992

Ion Ratio Lower Upper

188 100

94 10.2 7.6 11.4

80 10.8 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: BF138330.D

Acq: 25 Jun 2024 12:46

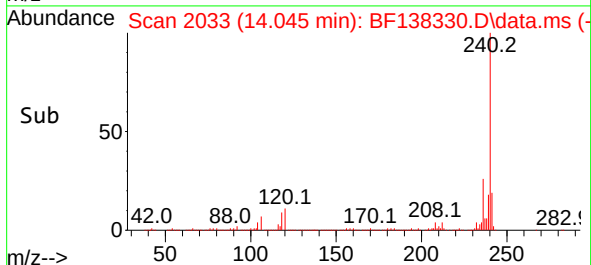
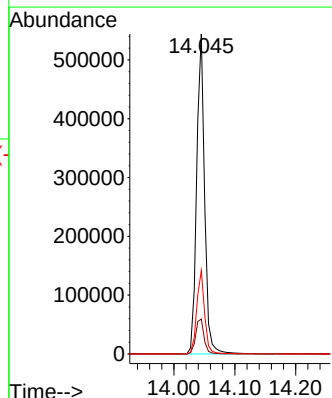
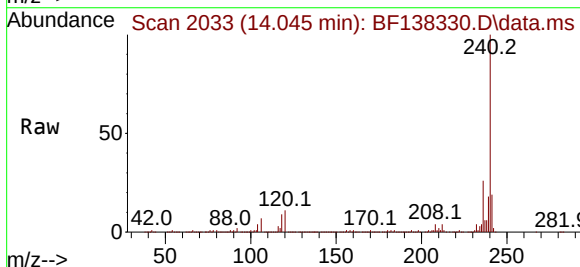
Tgt Ion:240 Resp: 495027

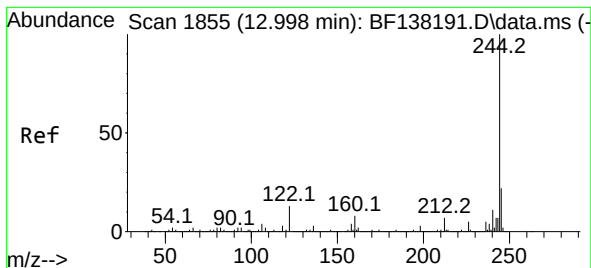
Ion Ratio Lower Upper

240 100

120 10.9 9.2 13.8

236 26.0 21.0 31.6





#79

Terphenyl-d14

Concen: 87.040 ng

RT: 12.998 min Scan# 1855

Delta R.T. 0.000 min

Lab File: BF138330.D

Acq: 25 Jun 2024 12:46

Instrument :

BNA_F

ClientSampleId :

PB161643TB

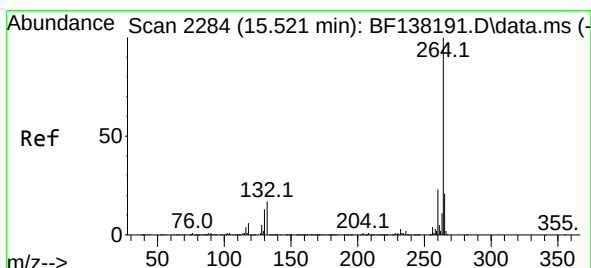
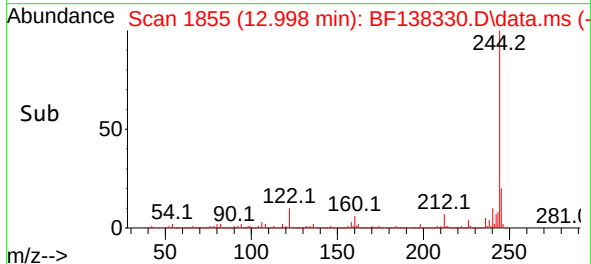
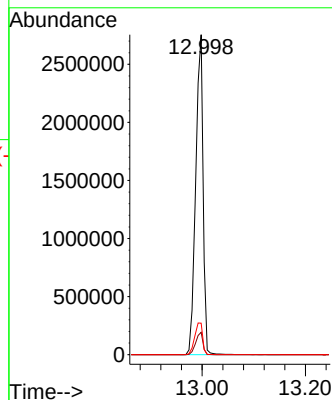
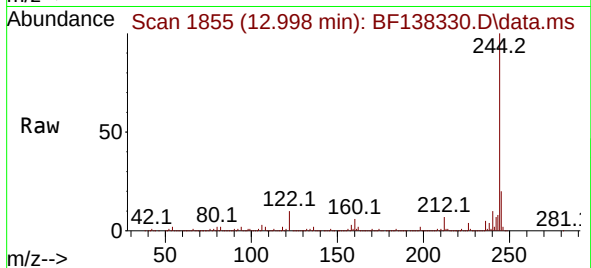
Tgt Ion:244 Resp: 2720425

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 9.9 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: BF138330.D

Acq: 25 Jun 2024 12:46

Tgt Ion:264 Resp: 475912

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 21.8 17.0 25.6

