

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061824\
 Data File : BF138233.D
 Acq On : 18 Jun 2024 19:29
 Operator : CG\JU
 Sample : P2918-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POLE

Quant Time: Jun 19 01:24:17 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

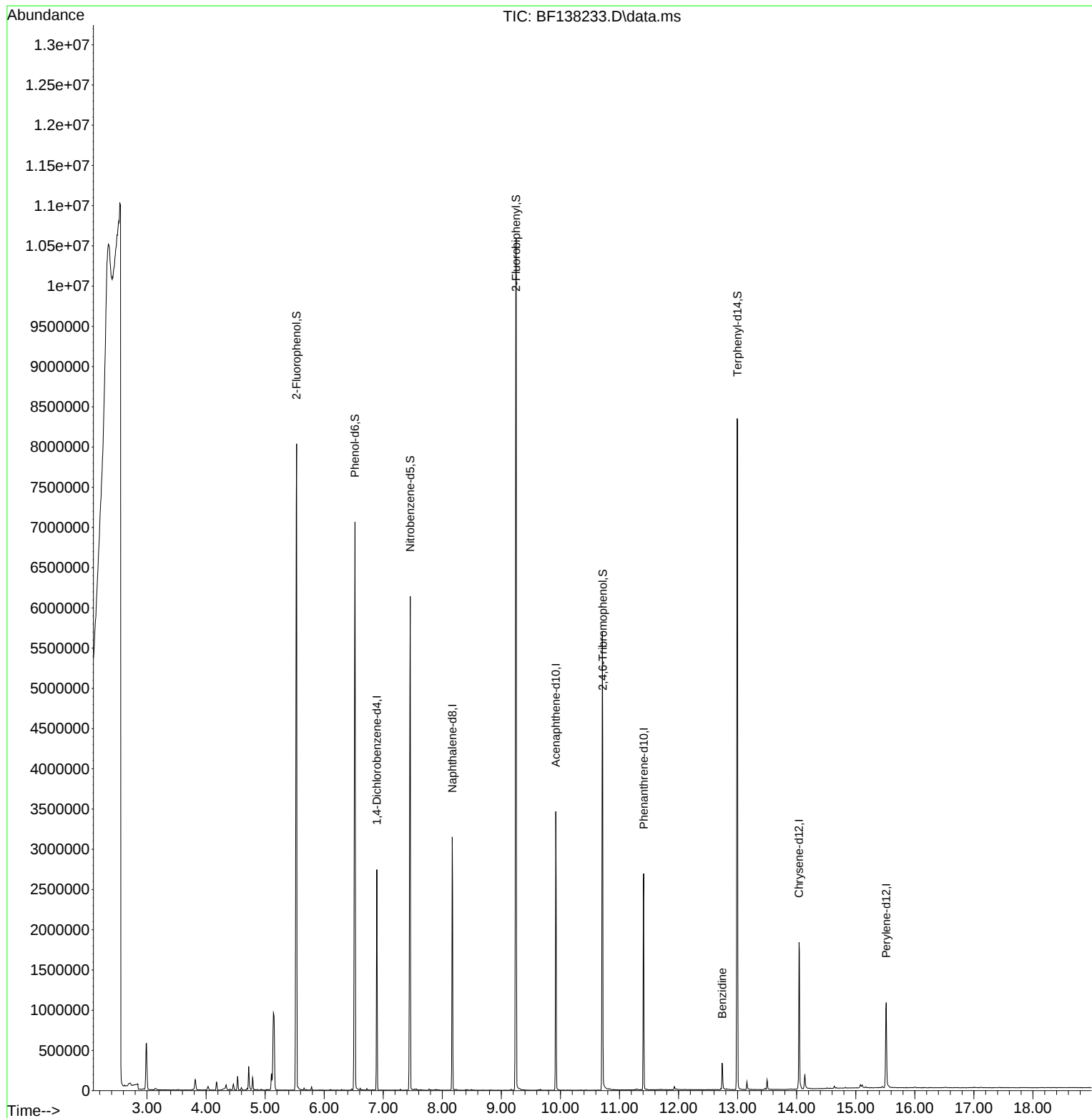
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	360979	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1366590	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	700815	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	966545	20.000	ng	0.00
76) Chrysene-d12	14.039	240	627454	20.000	ng	-0.01
86) Perylene-d12	15.515	264	514810	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	2601104	120.539	ng	0.02
7) Phenol-d6	6.522	99	2958598	108.124	ng	0.00
23) Nitrobenzene-d5	7.457	82	2099655	89.445	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	764824	109.624	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	3790476	86.006	ng	0.00
79) Terphenyl-d14	12.998	244	3239493	81.772	ng	0.00
Target Compounds						
77) Benzidine	12.739	184	135841	18.717	ng	Qvalue 99

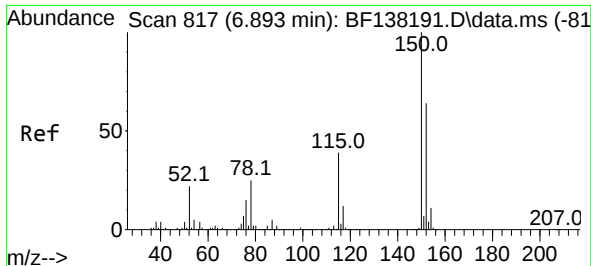
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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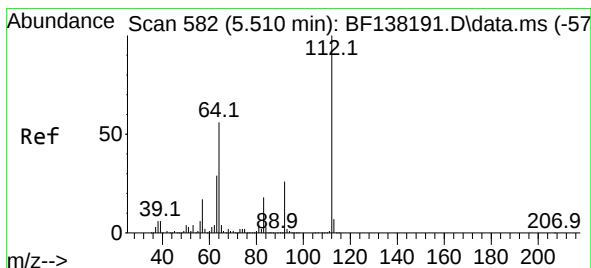
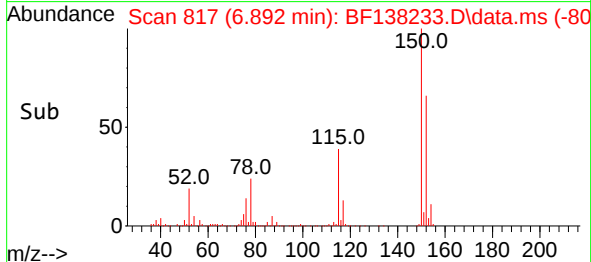
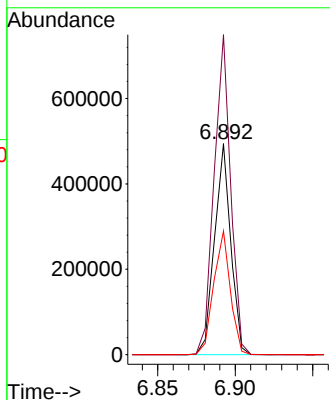
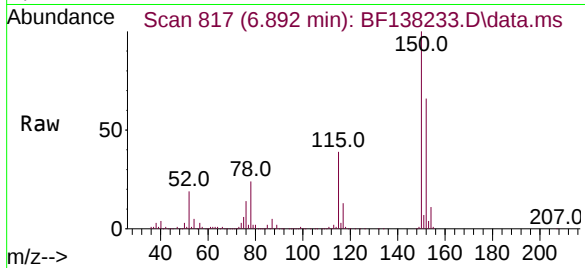




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 817
 Delta R.T. -0.001 min
 Lab File: BF138233.D
 Acq: 18 Jun 2024 19:29

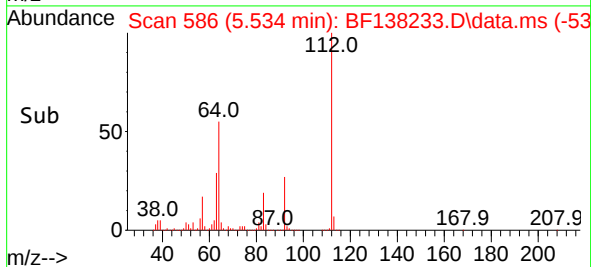
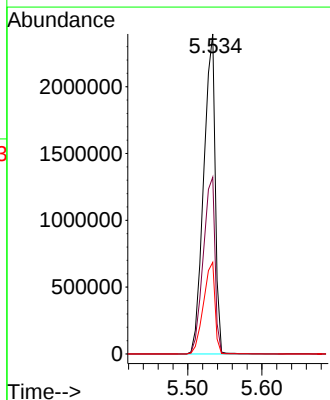
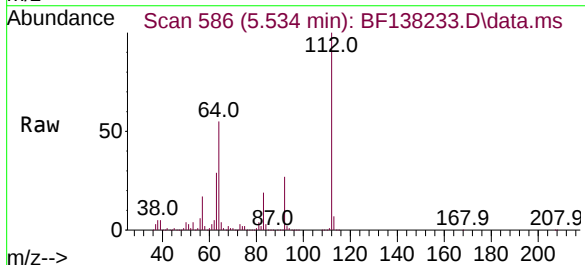
Instrument :
 BNA_F
 ClientSampleId :
 POLE

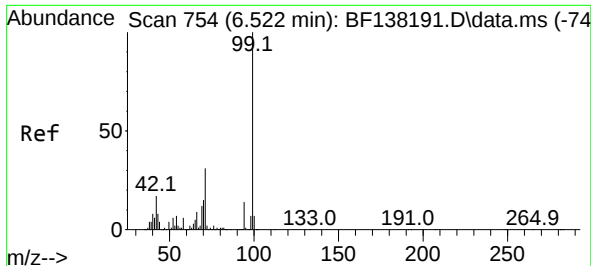
Tgt Ion:152 Resp: 360979
 Ion Ratio Lower Upper
 152 100
 150 151.6 125.0 187.4
 115 58.6 48.4 72.6



#5
 2-Fluorophenol
 Concen: 120.539 ng
 RT: 5.534 min Scan# 586
 Delta R.T. 0.023 min
 Lab File: BF138233.D
 Acq: 18 Jun 2024 19:29

Tgt Ion:112 Resp: 2601104
 Ion Ratio Lower Upper
 112 100
 64 55.3 45.2 67.8
 63 28.7 22.9 34.3

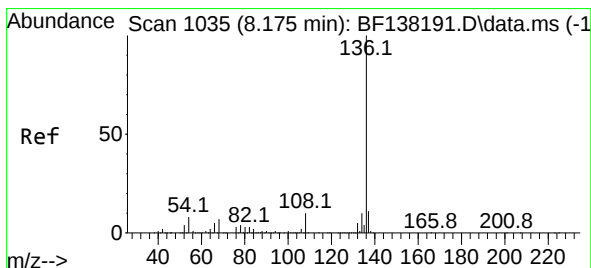
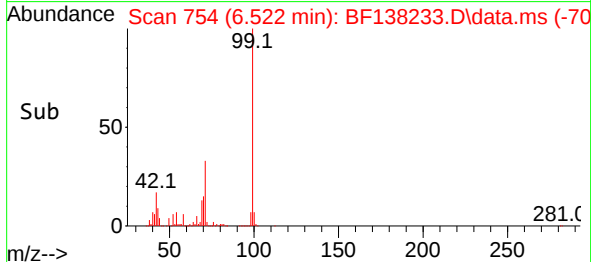
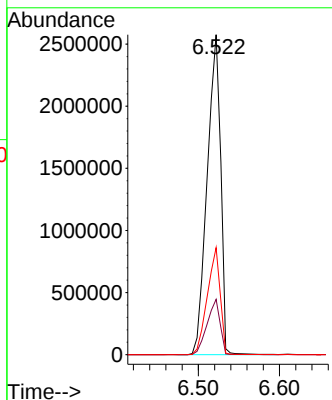
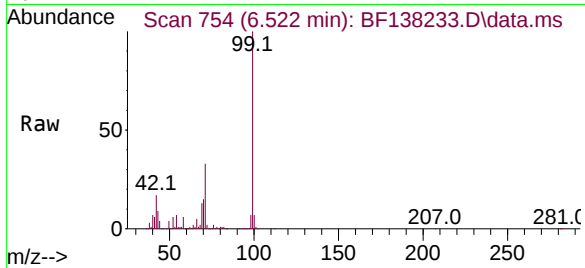




#7
Phenol-d6
Concen: 108.124 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF138233.D
Acq: 18 Jun 2024 19:29

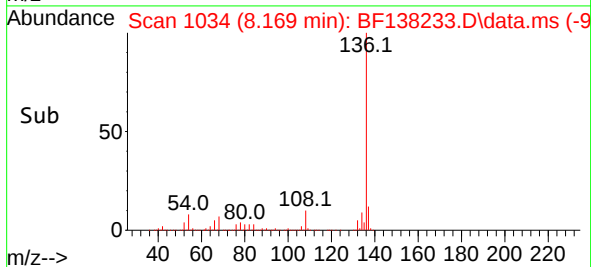
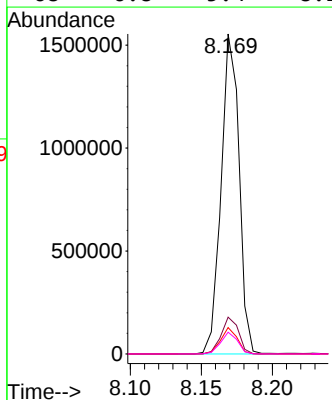
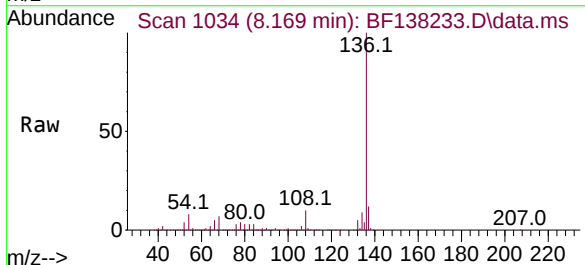
Instrument :
BNA_F
ClientSampleId :
POLE

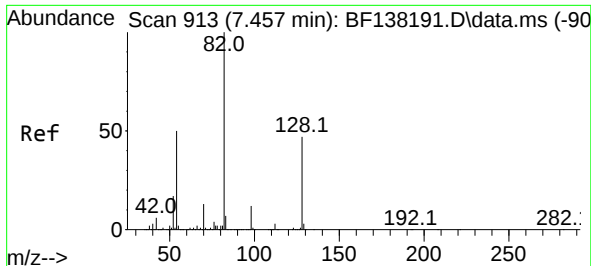
Tgt Ion: 99 Resp: 2958598
Ion Ratio Lower Upper
99 100
42 17.3 13.7 20.5
71 33.5 25.0 37.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138233.D
Acq: 18 Jun 2024 19:29

Tgt Ion:136 Resp: 1366590
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 8.2 6.6 10.0
68 6.8 5.4 8.2





#23

Nitrobenzene-d5

Concen: 89.445 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF138233.D

Acq: 18 Jun 2024 19:29

Instrument :

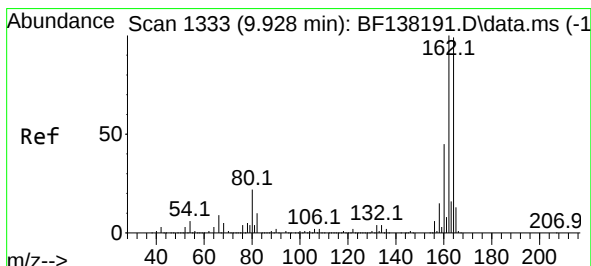
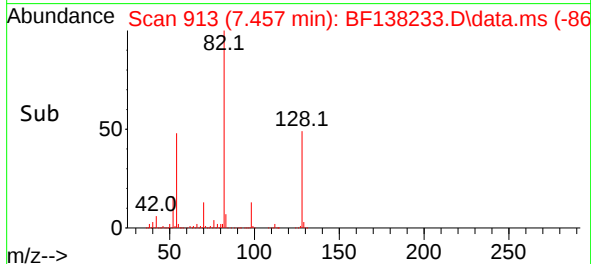
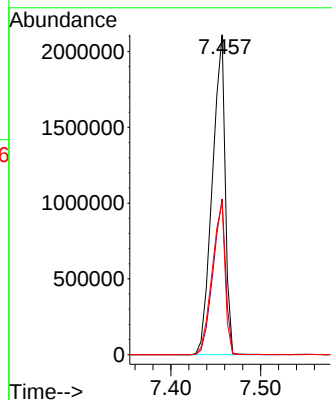
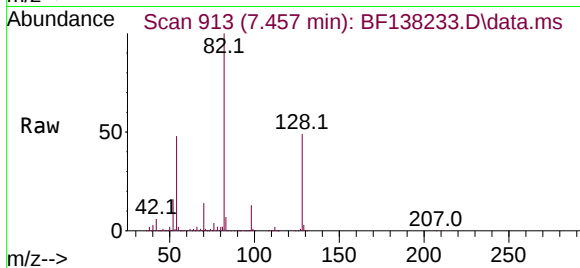
BNA_F

ClientSampleId :

POLE

Tgt Ion: 82 Resp: 2099655

Ion	Ratio	Lower	Upper
82	100		
128	48.7	37.2	55.8
54	47.7	39.8	59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1332

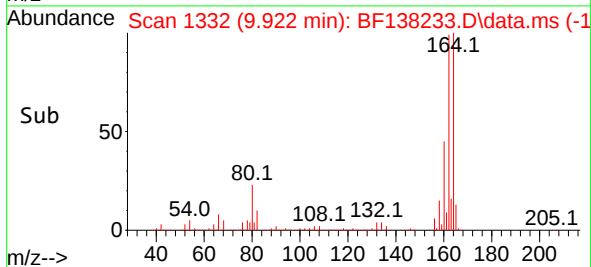
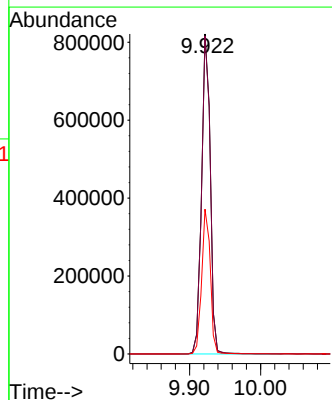
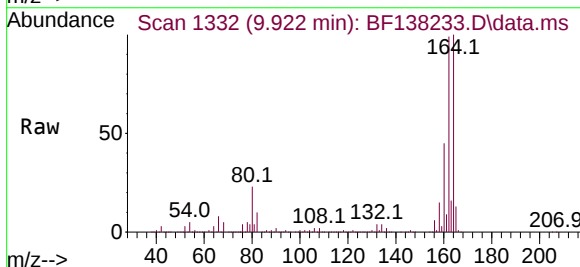
Delta R.T. -0.006 min

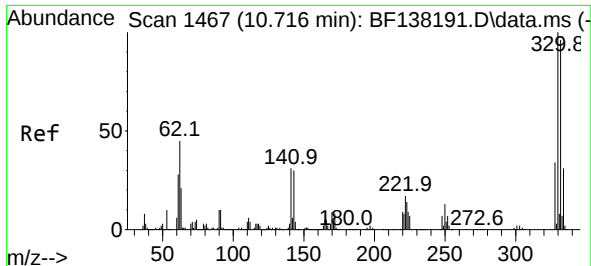
Lab File: BF138233.D

Acq: 18 Jun 2024 19:29

Tgt Ion: 164 Resp: 700815

Ion	Ratio	Lower	Upper
164	100		
162	99.4	80.6	121.0
160	45.2	36.3	54.5

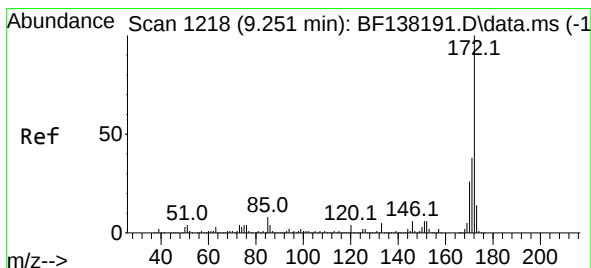
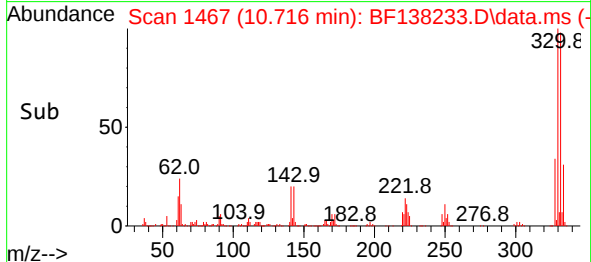
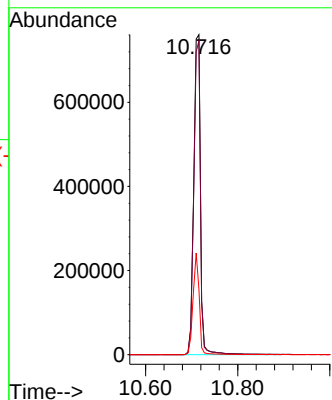
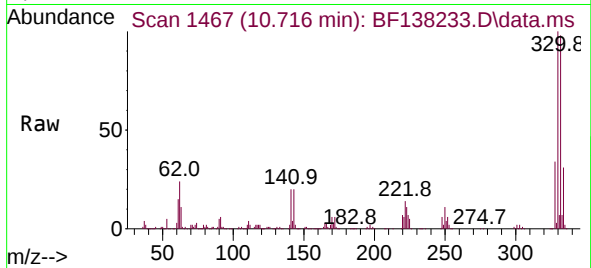




#42
2,4,6-Tribromophenol
Concen: 109.624 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF138233.D
Acq: 18 Jun 2024 19:29

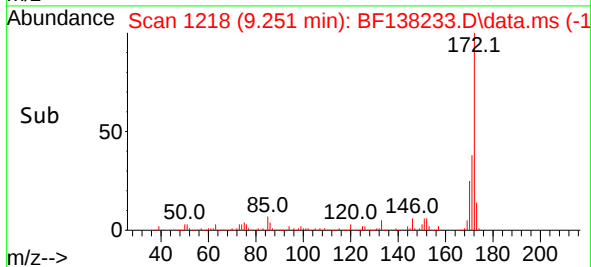
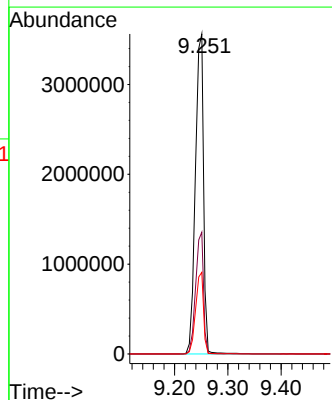
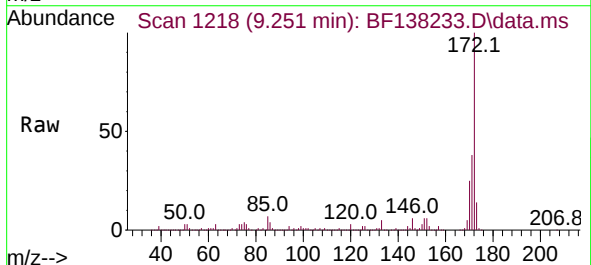
Instrument :
BNA_F
ClientSampleId :
POLE

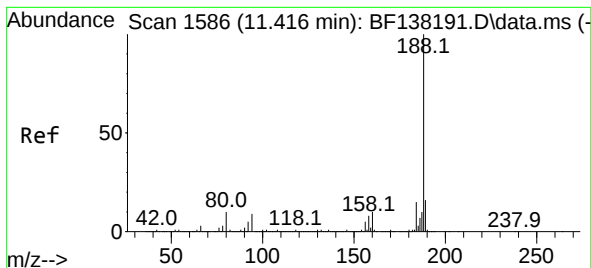
Tgt Ion:330 Resp: 764824
Ion Ratio Lower Upper
330 100
332 96.7 76.6 115.0
141 29.1 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 86.006 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF138233.D
Acq: 18 Jun 2024 19:29

Tgt Ion:172 Resp: 3790476
Ion Ratio Lower Upper
172 100
171 38.1 30.3 45.5
170 25.5 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: BF138233.D

Acq: 18 Jun 2024 19:29

Instrument :

BNA_F

ClientSampleId :

POLE

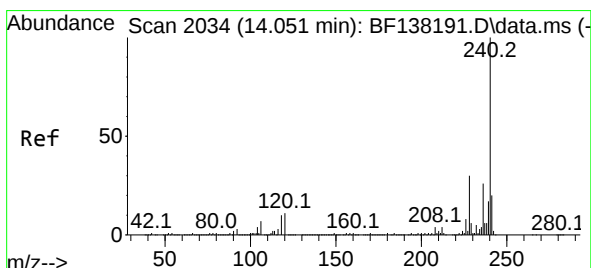
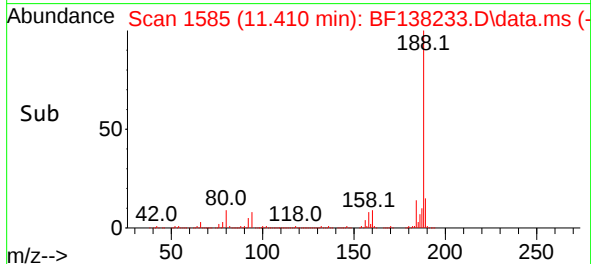
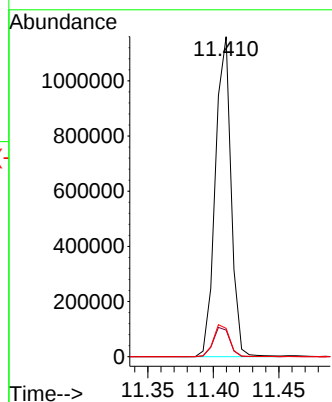
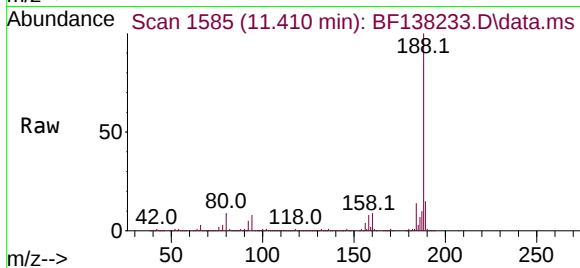
Tgt Ion:188 Resp: 966545

Ion Ratio Lower Upper

188 100

94 8.3 7.6 11.4

80 8.8 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: BF138233.D

Acq: 18 Jun 2024 19:29

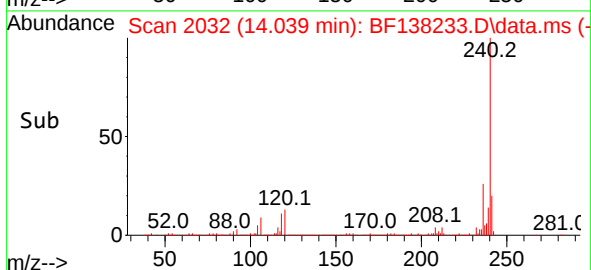
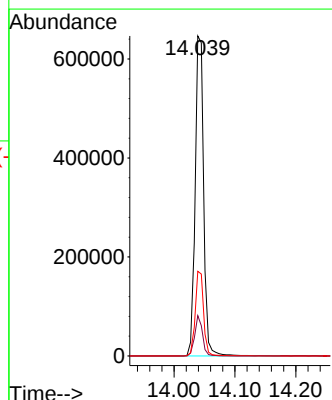
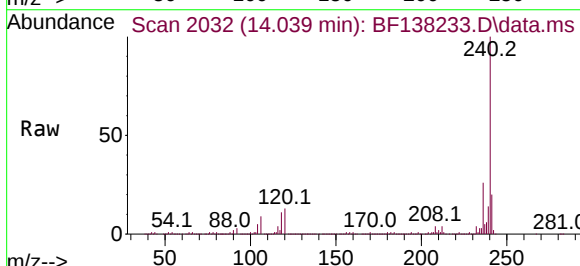
Tgt Ion:240 Resp: 627454

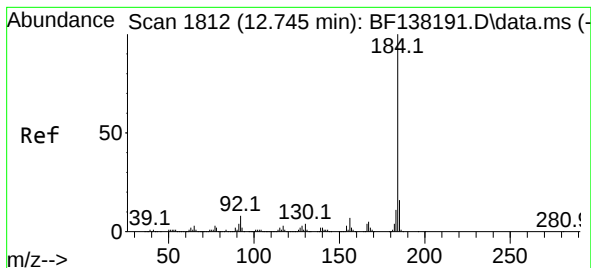
Ion Ratio Lower Upper

240 100

120 12.6 9.2 13.8

236 26.5 21.0 31.6





#77

Benzidine

Concen: 18.717 ng

RT: 12.739 min Scan# 1811

Delta R.T. -0.006 min

Lab File: BF138233.D

Acq: 18 Jun 2024 19:29

Instrument :

BNA_F

ClientSampleId :

POLE

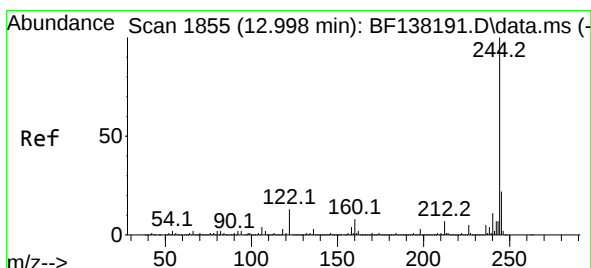
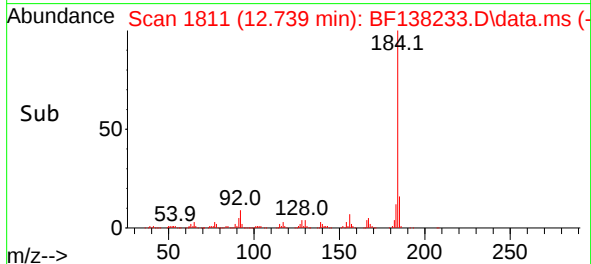
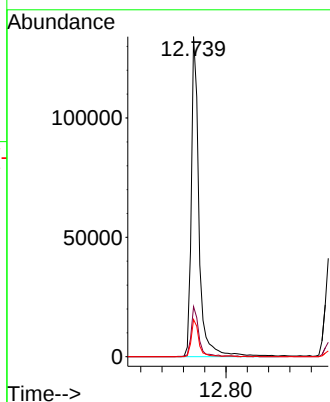
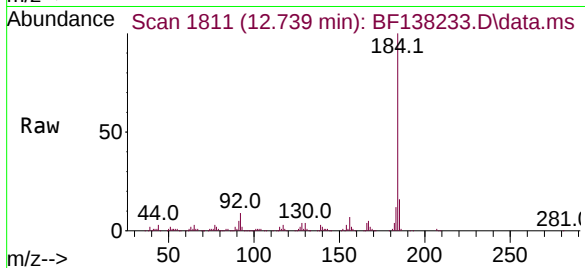
Tgt Ion:184 Resp: 135841

Ion Ratio Lower Upper

184 100

185 15.6 12.6 19.0

183 11.6 9.0 13.6



#79

Terphenyl-d14

Concen: 81.772 ng

RT: 12.998 min Scan# 1855

Delta R.T. -0.000 min

Lab File: BF138233.D

Acq: 18 Jun 2024 19:29

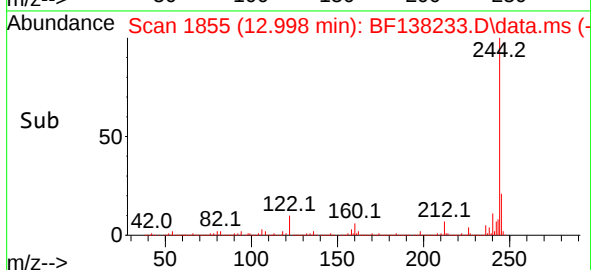
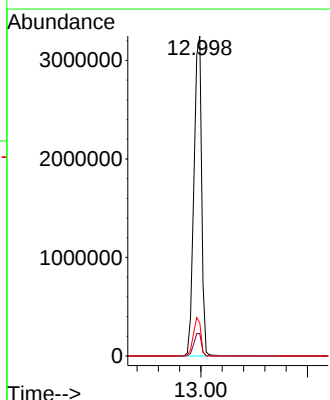
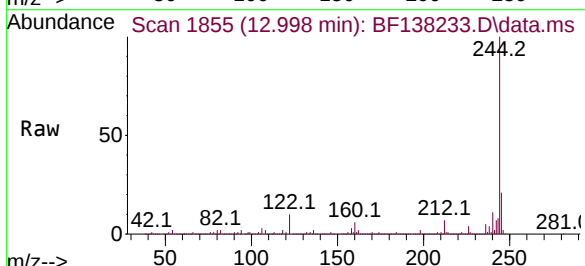
Tgt Ion:244 Resp: 3239493

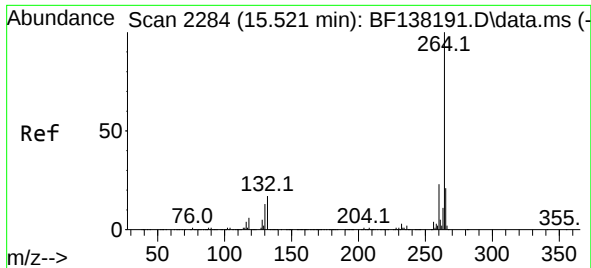
Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

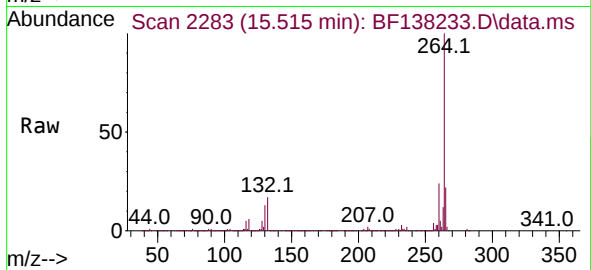
122 10.4 10.6 15.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF138233.D
 Acq: 18 Jun 2024 19:29

Instrument :
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Tgt Ion:264 Resp: 514810
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 21.7 17.0 25.6

