

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061824\
 Data File : BF138223.D
 Acq On : 18 Jun 2024 14:31
 Operator : CG\JU
 Sample : P2918-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POLE

Quant Time: Jun 18 14:57:43 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)

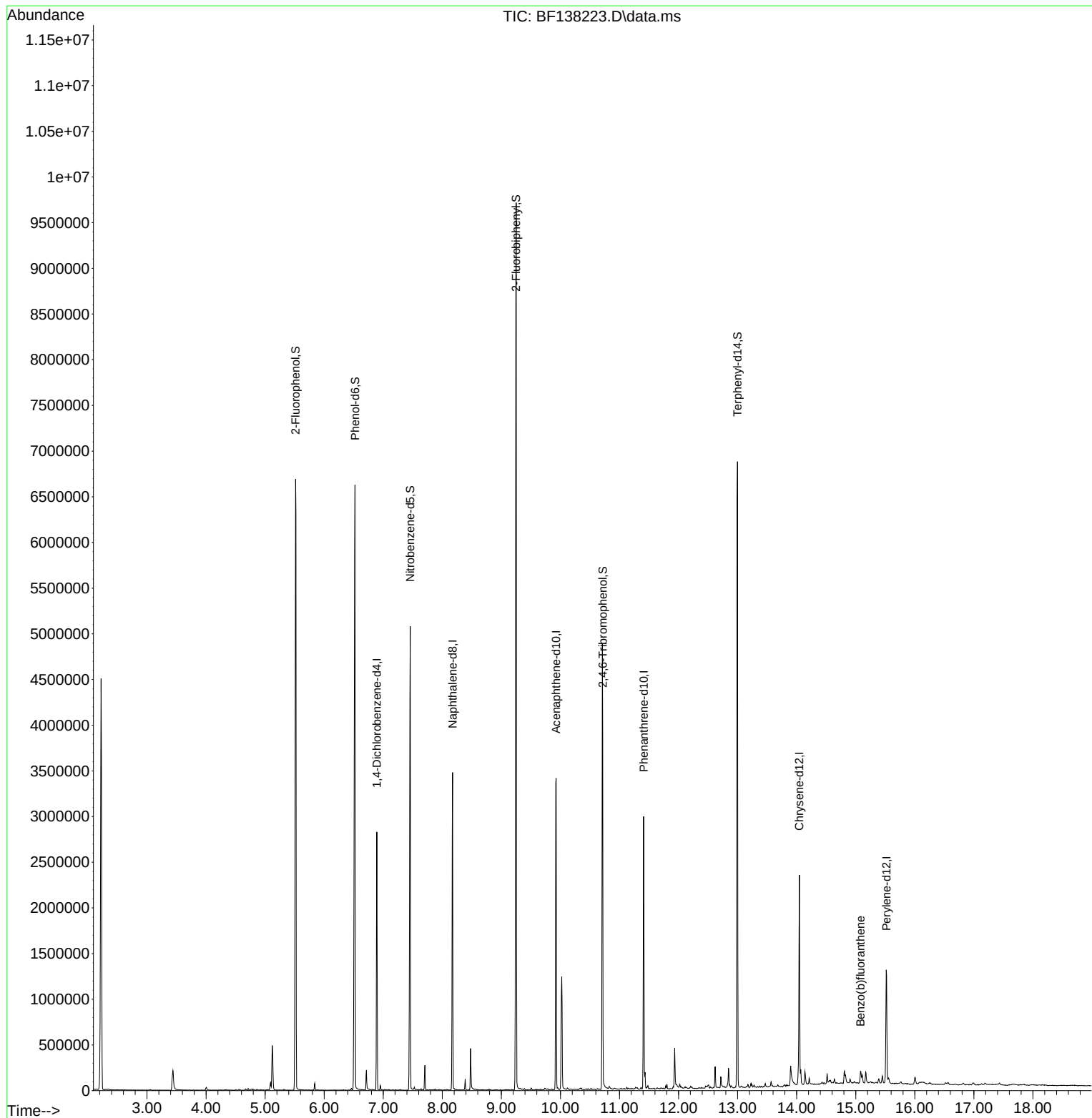
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	374783	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1456006	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	735691	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1016165	20.000	ng	0.00
76) Chrysene-d12	14.045	240	693357	20.000	ng	0.00
86) Perylene-d12	15.521	264	593398	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2215968	98.909	ng	0.00
7) Phenol-d6	6.522	99	2727502	96.007	ng	0.00
23) Nitrobenzene-d5	7.457	82	1669488	66.752	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	622589	85.007	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	3042701	65.766	ng	0.00
79) Terphenyl-d14	12.998	244	2469199	56.404	ng	0.00
Target Compounds						
88) Benzo(b)fluoranthene	15.080	252	70542	2.016	ng	Qvalue 98

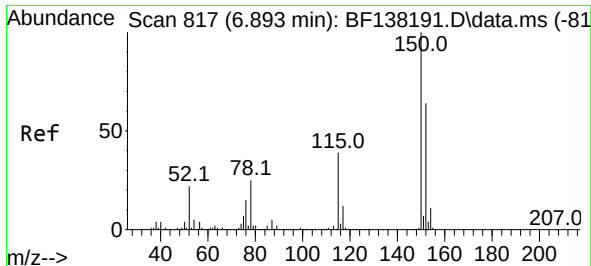
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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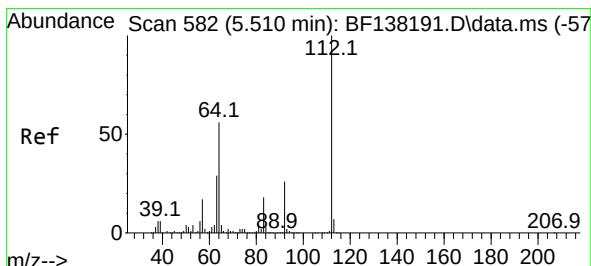
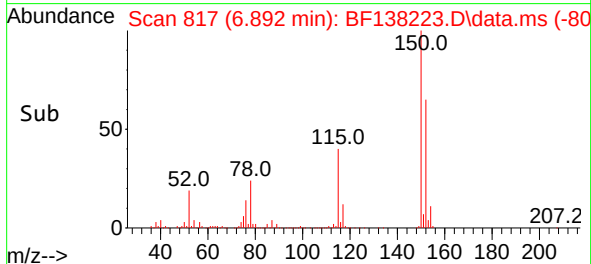
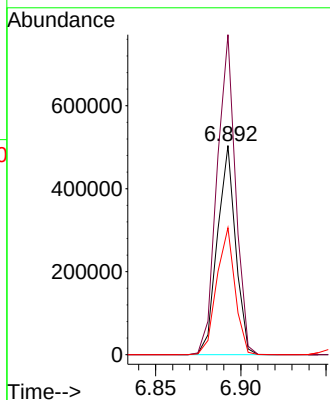
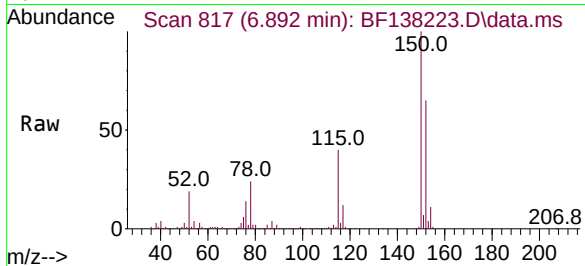




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.001 min
Lab File: BF138223.D
Acq: 18 Jun 2024 14:31

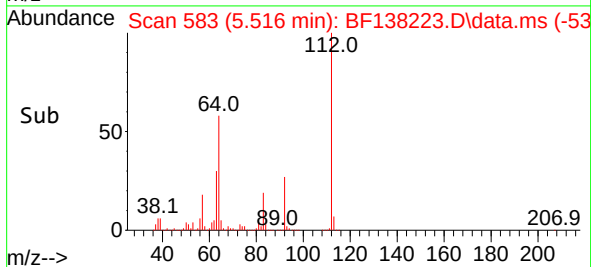
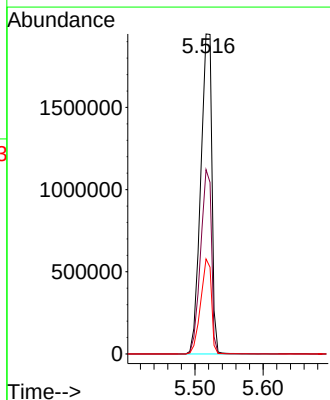
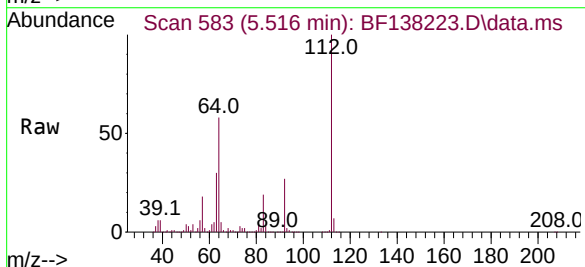
Instrument :
BNA_F
ClientSampleId :
POLE

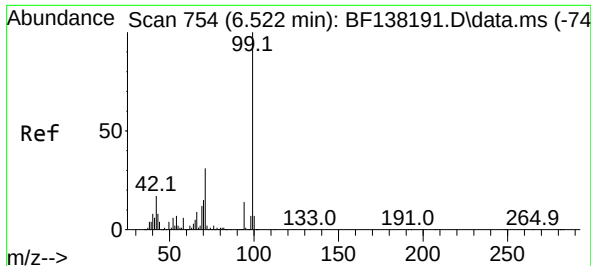
Tgt Ion:152 Resp: 374783
Ion Ratio Lower Upper
152 100
150 153.0 125.0 187.4
115 60.7 48.4 72.6



#5
2-Fluorophenol
Concen: 98.909 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF138223.D
Acq: 18 Jun 2024 14:31

Tgt Ion:112 Resp: 2215968
Ion Ratio Lower Upper
112 100
64 57.6 45.2 67.8
63 29.7 22.9 34.3



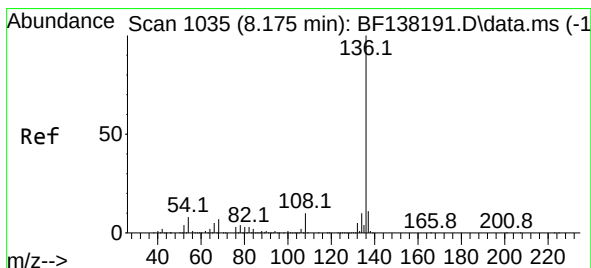
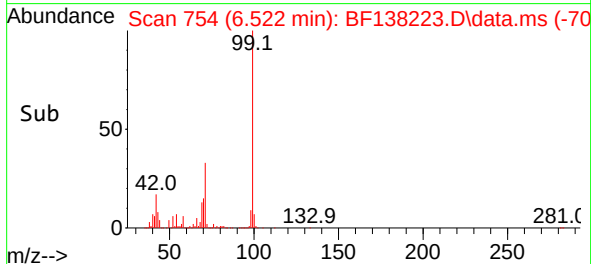
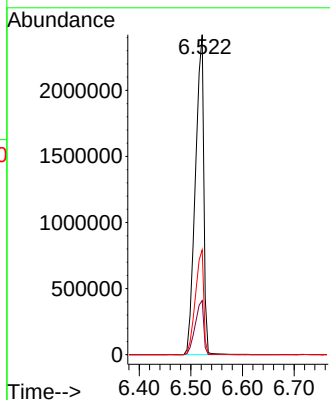
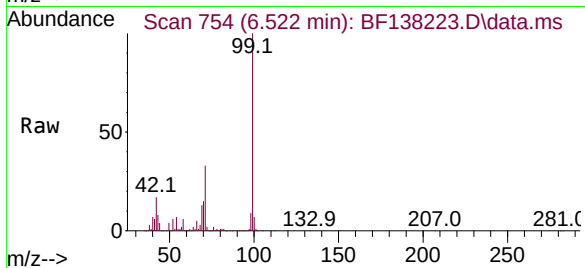


#7
Phenol-d6
Concen: 96.007 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF138223.D
Acq: 18 Jun 2024 14:31

Instrument :
BNA_F
ClientSampleId :
POLE

Tgt Ion: 99 Resp: 2727502

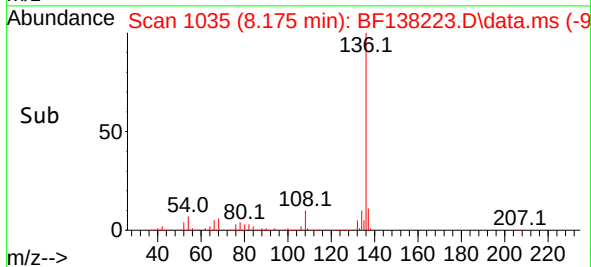
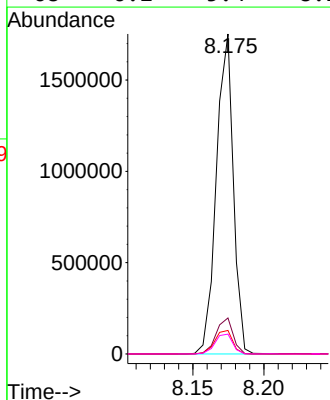
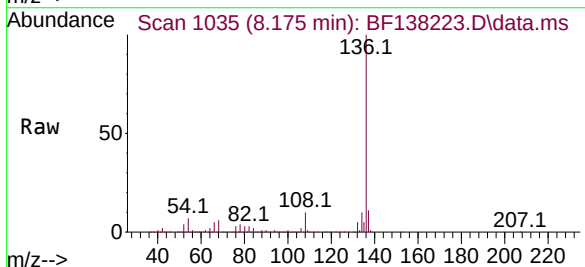
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.7	20.5
71	32.7	25.0	37.6

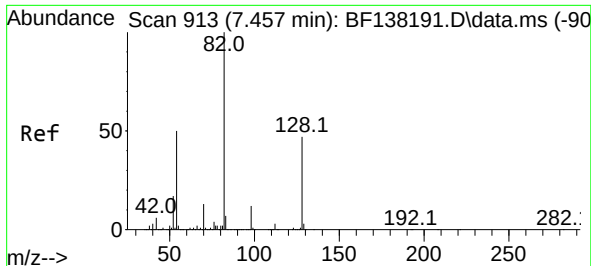


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF138223.D
Acq: 18 Jun 2024 14:31

Tgt Ion: 136 Resp: 1456006

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.3	6.6	10.0
68	6.2	5.4	8.2

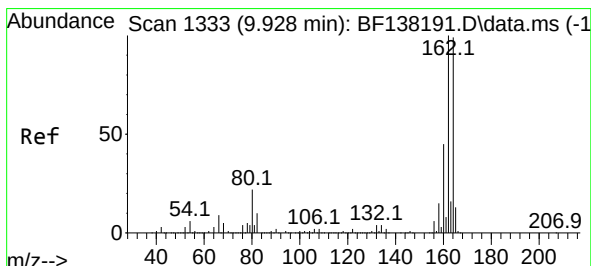
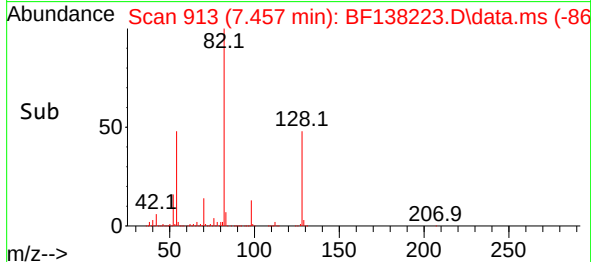
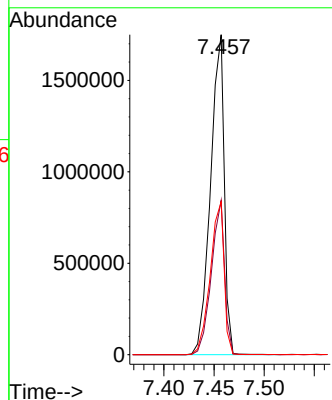
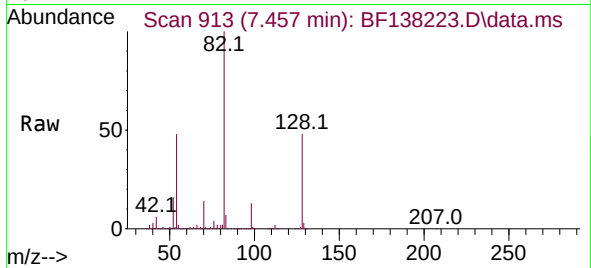




#23
Nitrobenzene-d5
Concen: 66.752 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF138223.D
Acq: 18 Jun 2024 14:31

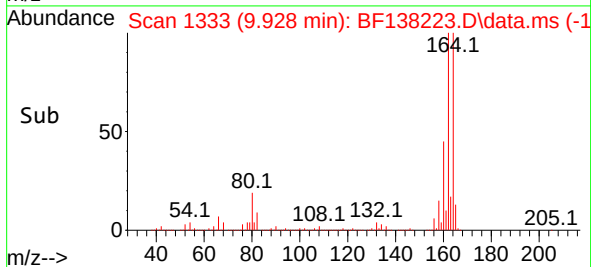
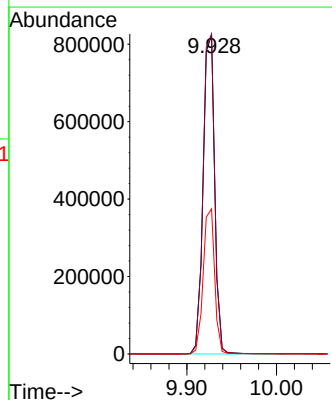
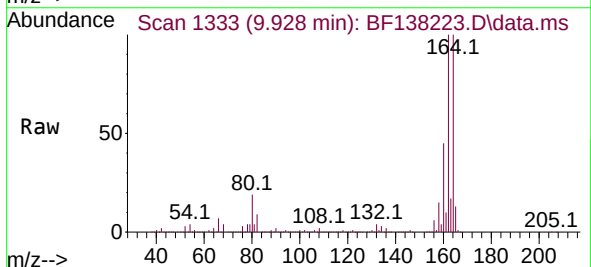
Instrument :
BNA_F
ClientSampleId :
POLE

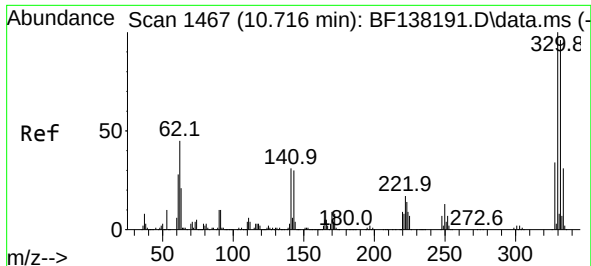
Tgt Ion: 82 Resp: 1669488
Ion Ratio Lower Upper
82 100
128 48.2 37.2 55.8
54 47.8 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF138223.D
Acq: 18 Jun 2024 14:31

Tgt Ion: 164 Resp: 735691
Ion Ratio Lower Upper
164 100
162 100.4 80.6 121.0
160 45.5 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 85.007 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.000 min

Lab File: BF138223.D

Acq: 18 Jun 2024 14:31

Instrument :

BNA_F

ClientSampleId :

POLE

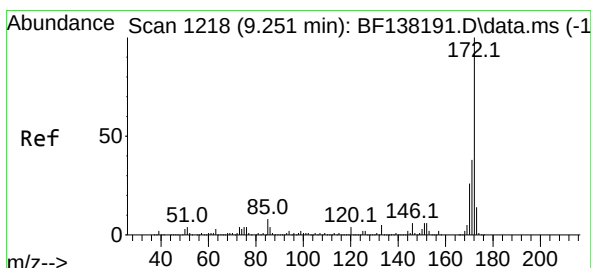
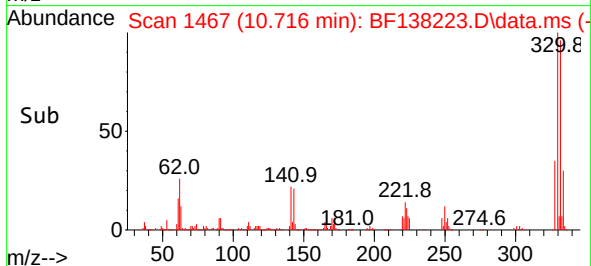
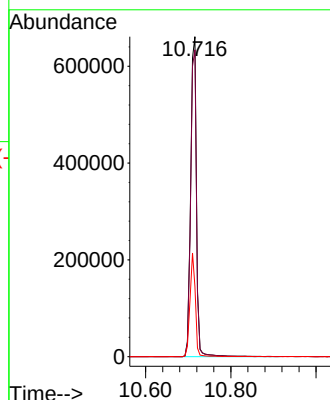
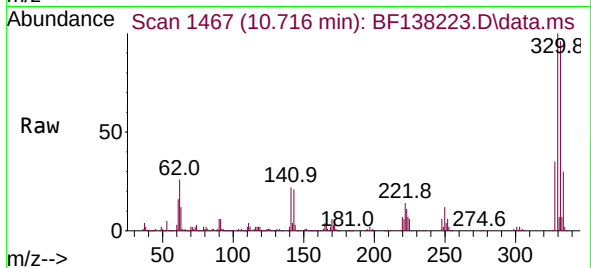
Tgt Ion:330 Resp: 622589

Ion Ratio Lower Upper

330 100

332 96.1 76.6 115.0

141 30.0 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 65.766 ng

RT: 9.251 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF138223.D

Acq: 18 Jun 2024 14:31

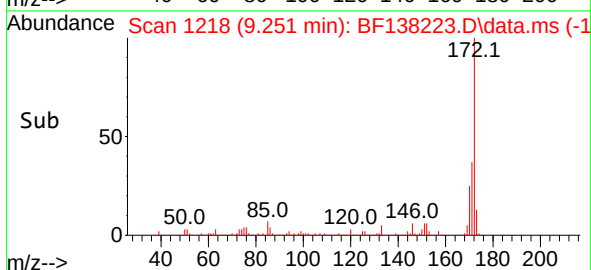
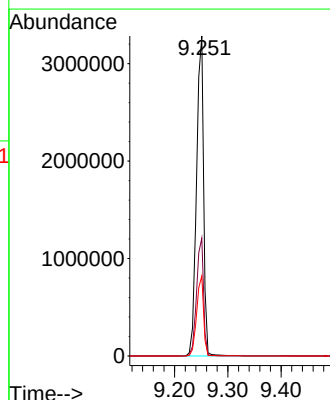
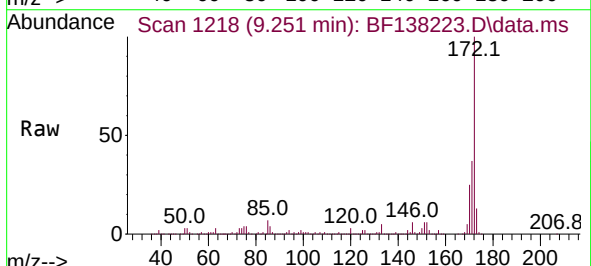
Tgt Ion:172 Resp: 3042701

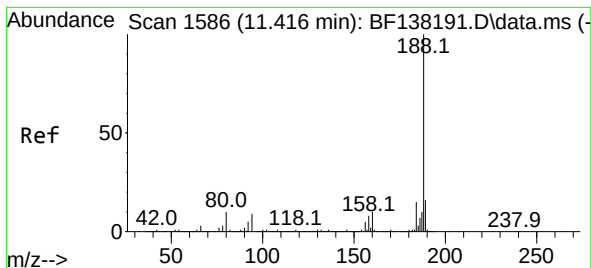
Ion Ratio Lower Upper

172 100

171 36.9 30.3 45.5

170 25.0 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: BF138223.D

Acq: 18 Jun 2024 14:31

Instrument :

BNA_F

ClientSampleId :

POLE

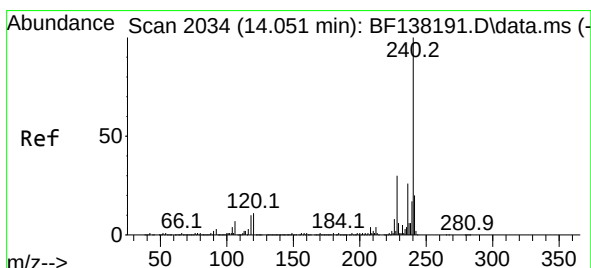
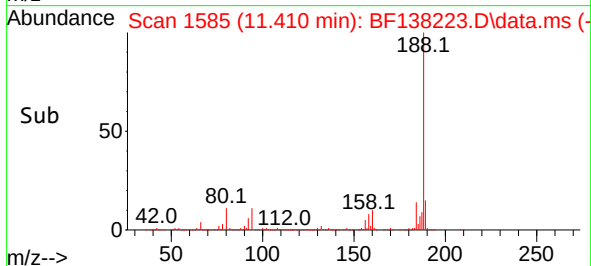
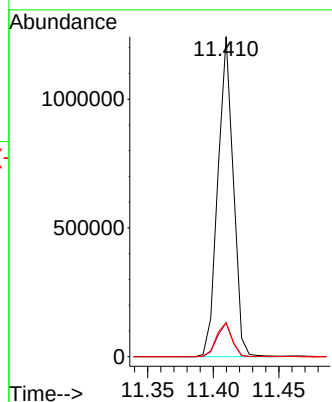
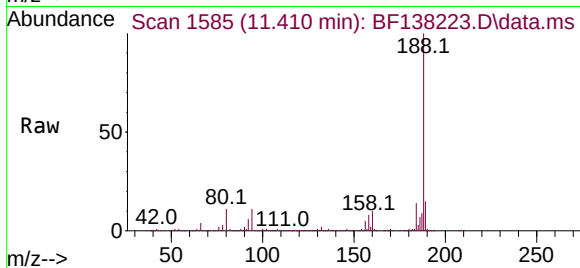
Tgt Ion:188 Resp: 1016165

Ion Ratio Lower Upper

188 100

94 10.6 7.6 11.4

80 10.6 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: BF138223.D

Acq: 18 Jun 2024 14:31

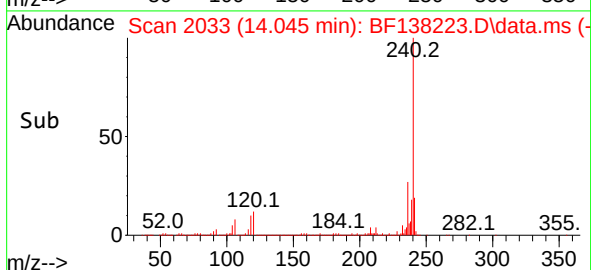
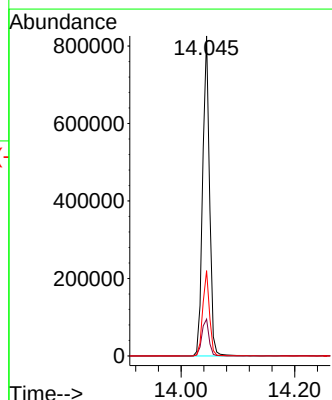
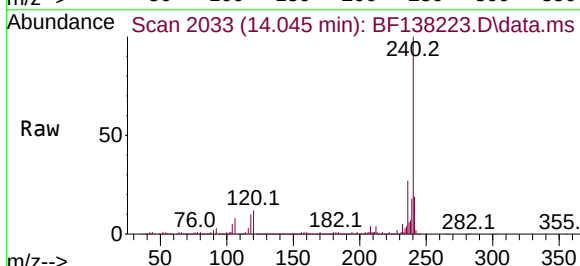
Tgt Ion:240 Resp: 693357

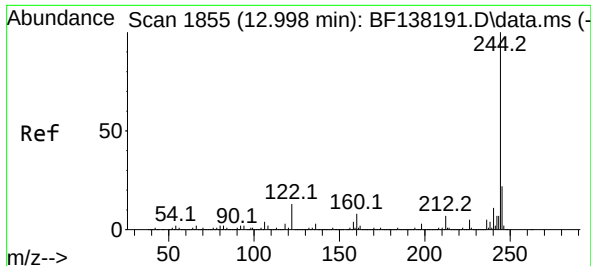
Ion Ratio Lower Upper

240 100

120 11.5 9.2 13.8

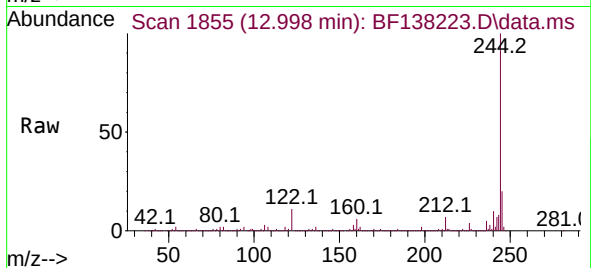
236 26.6 21.0 31.6



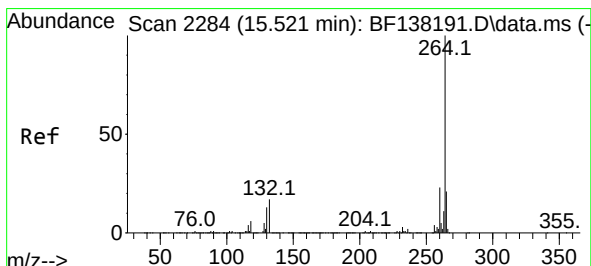
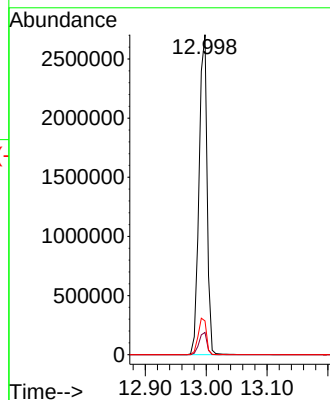
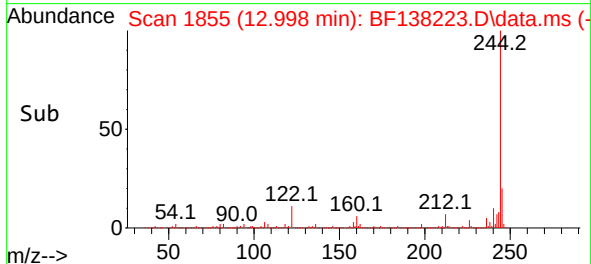


#79
 Terphenyl-d14
 Concen: 56.404 ng
 RT: 12.998 min Scan# 1855
 Delta R.T. -0.000 min
 Lab File: BF138223.D
 Acq: 18 Jun 2024 14:31

Instrument :
 BNA_F
 ClientSampleId :
 POLE

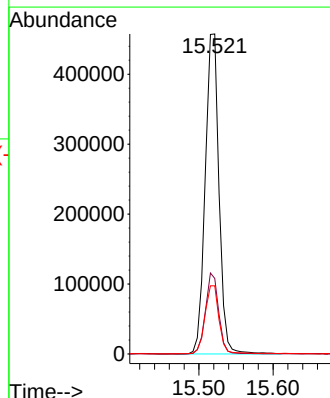
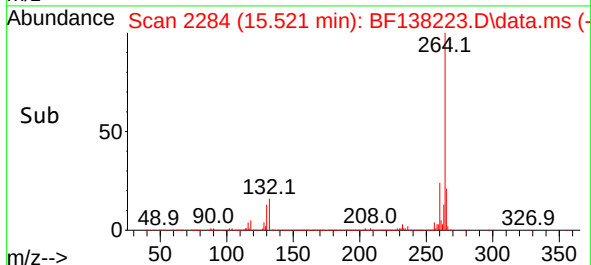
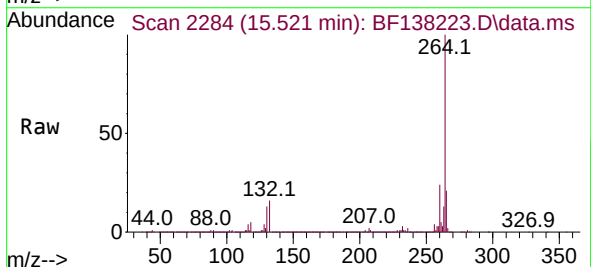


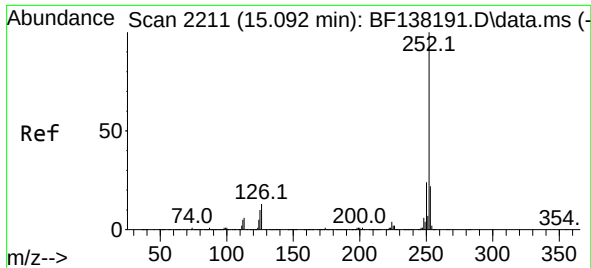
Tgt Ion:244 Resp: 2469199
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 10.5 10.6 15.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2284
 Delta R.T. -0.000 min
 Lab File: BF138223.D
 Acq: 18 Jun 2024 14:31

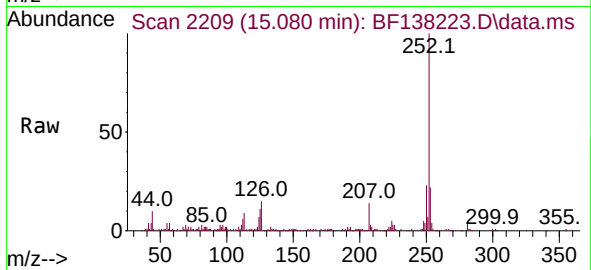
Tgt Ion:264 Resp: 593398
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.3 17.0 25.6





#88
 Benzo(b)fluoranthene
 Concen: 2.016 ng
 RT: 15.080 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF138223.D
 Acq: 18 Jun 2024 14:31

Instrument :
 BNA_F
 ClientSampleId :
 POLE



Tgt Ion:252 Resp: 70542
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.7 26.5
 125 11.5 7.8 11.8

