

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060624\
Data File : BF138145.D
Acq On : 06 Jun 2024 21:14
Operator : CG\JU
Sample : P2718-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-4

Quant Time: Jun 07 03:18:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 06 05:19:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	390332	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	1509808	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	861470	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	1466405	20.000	ng	0.00
76) Chrysene-d12	14.063	240	605852	20.000	ng	0.00
86) Perylene-d12	15.545	264	560520	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1111152	48.514	ng	0.00
7) Phenol-d6	6.522	99	857879	29.604	ng	-0.01
23) Nitrobenzene-d5	7.469	82	1782004	80.304	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	967796	116.735	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	3567778	72.416	ng	0.00
79) Terphenyl-d14	13.016	244	3544125	87.498	ng	0.00

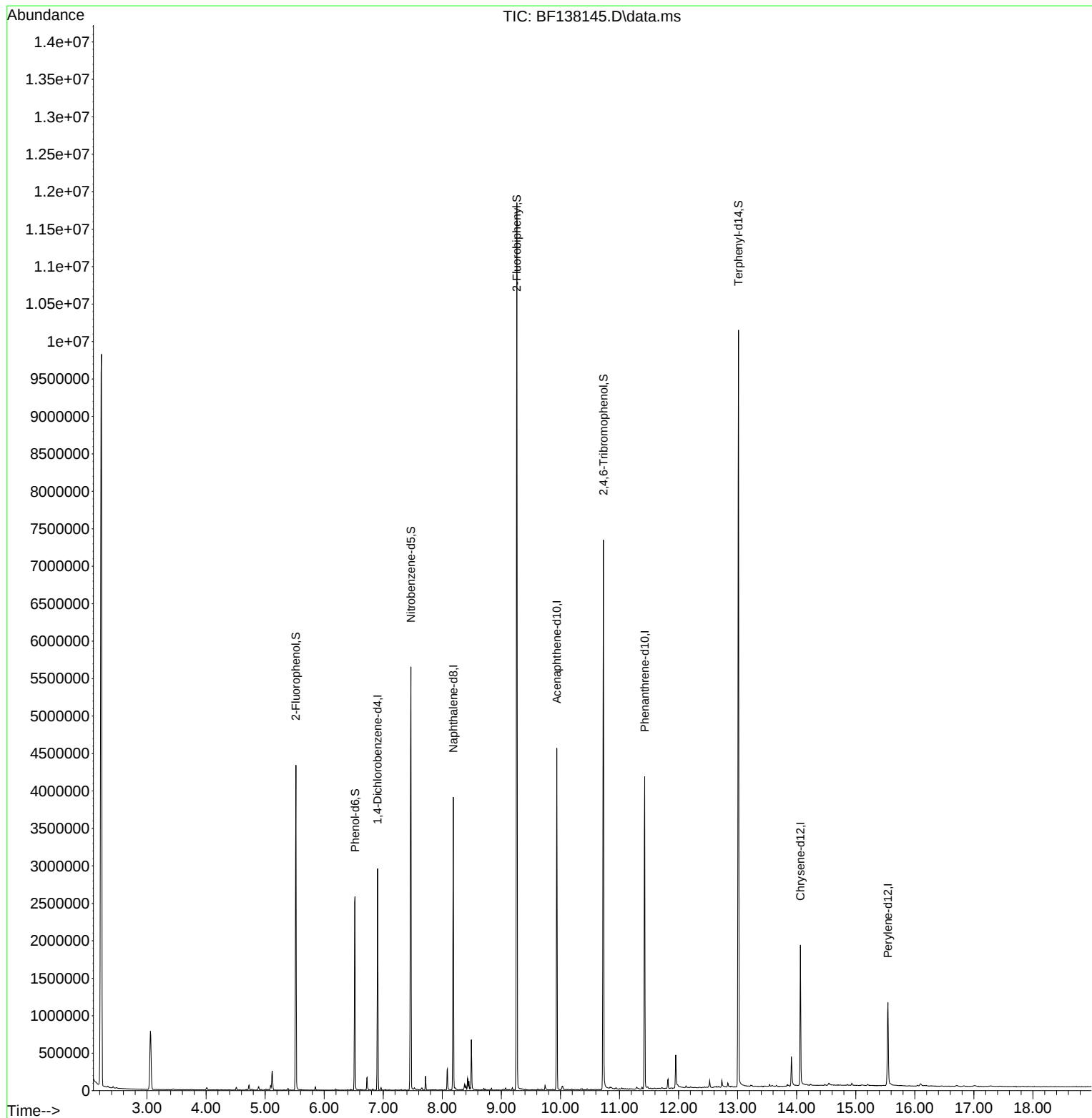
Target Compounds	Qvalue

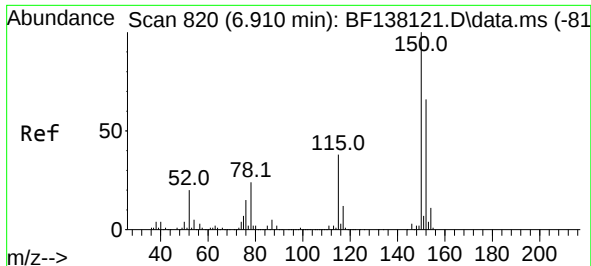
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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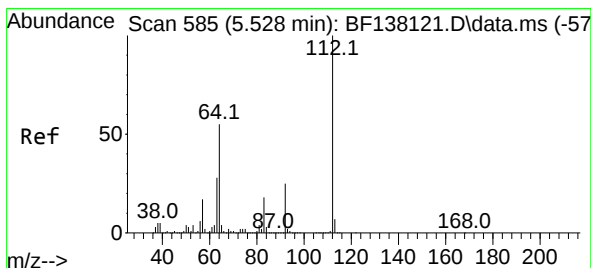
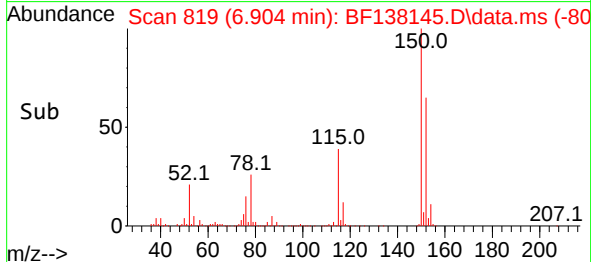
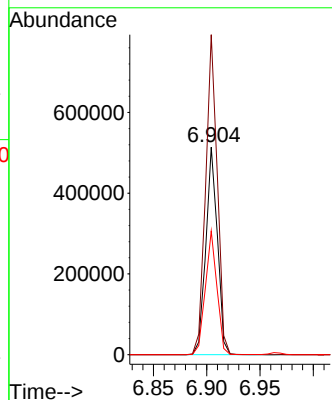
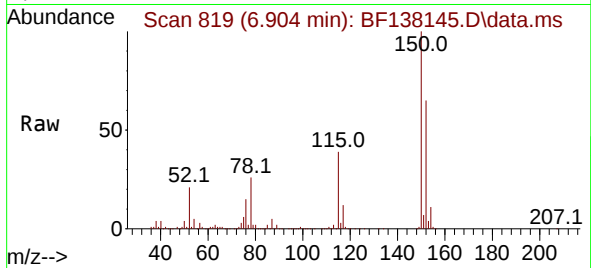




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 819
 Delta R.T. -0.006 min
 Lab File: BF138145.D
 Acq: 06 Jun 2024 21:14

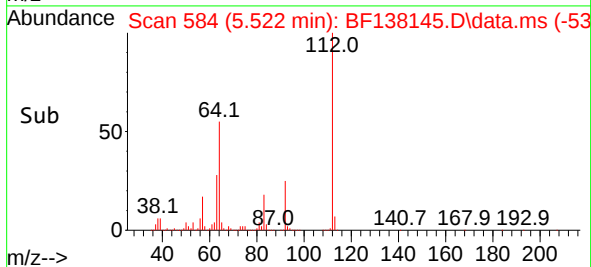
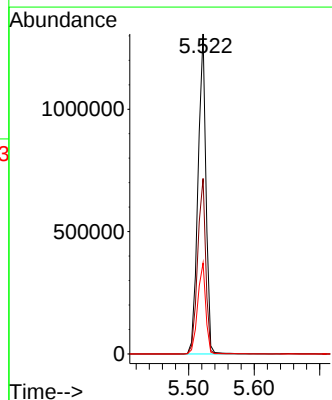
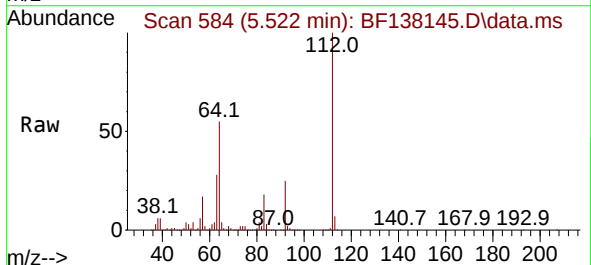
Instrument :
 BNA_F
 ClientSampleId :
 MW-4

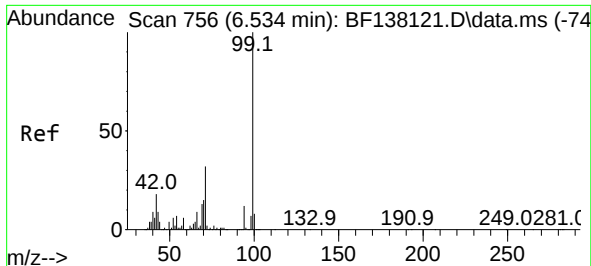
Tgt Ion:152 Resp: 390332
 Ion Ratio Lower Upper
 152 100
 150 154.2 121.8 182.6
 115 59.6 46.2 69.2



#5
 2-Fluorophenol
 Concen: 48.514 ng
 RT: 5.522 min Scan# 584
 Delta R.T. -0.006 min
 Lab File: BF138145.D
 Acq: 06 Jun 2024 21:14

Tgt Ion:112 Resp: 1111152
 Ion Ratio Lower Upper
 112 100
 64 54.9 44.0 66.0
 63 28.4 22.1 33.1





#7
Phenol-d6
Concen: 29.604 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.012 min
Lab File: BF138145.D
Acq: 06 Jun 2024 21:14

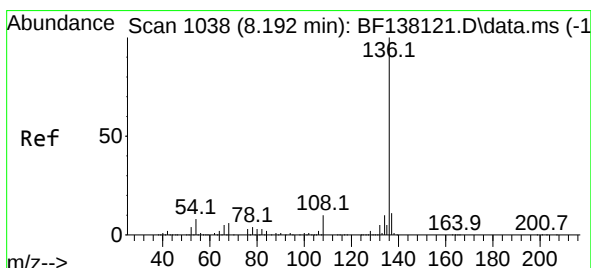
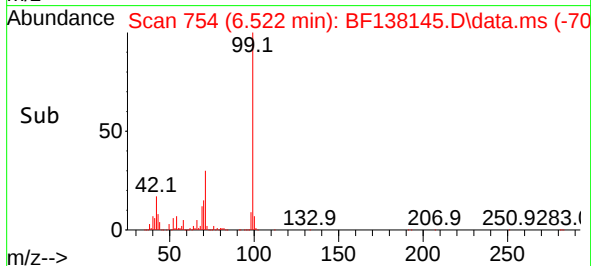
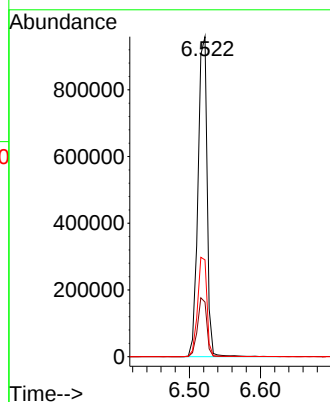
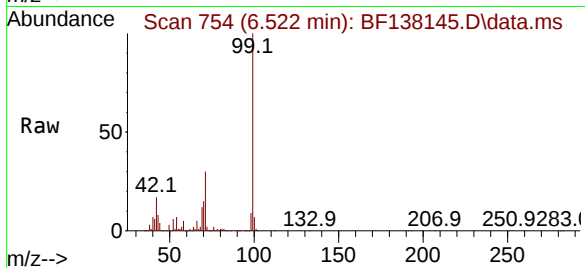
Instrument :

BNA_F

ClientSampleId :

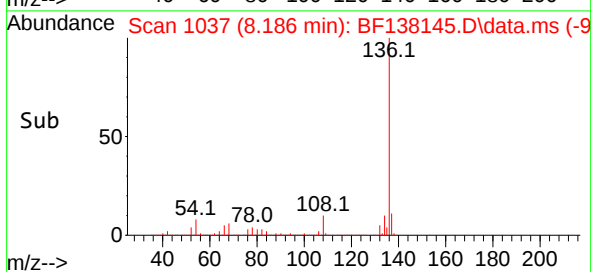
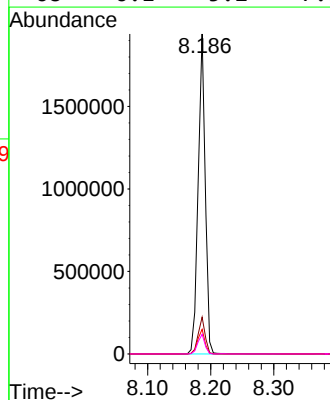
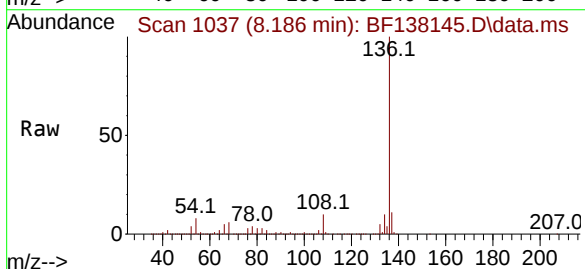
MW-4

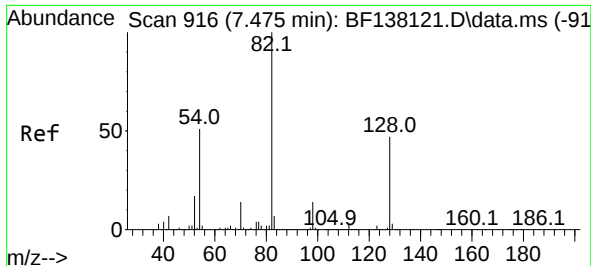
Tgt Ion: 99 Resp: 857879
Ion Ratio Lower Upper
99 100
42 17.0 14.4 21.6
71 30.3 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF138145.D
Acq: 06 Jun 2024 21:14

Tgt Ion: 136 Resp: 1509808
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 7.7 6.2 9.2
68 6.1 5.2 7.8





#23

Nitrobenzene-d5

Concen: 80.304 ng

RT: 7.469 min Scan# 916

Delta R.T. -0.006 min

Lab File: BF138145.D

Acq: 06 Jun 2024 21:14

Instrument :

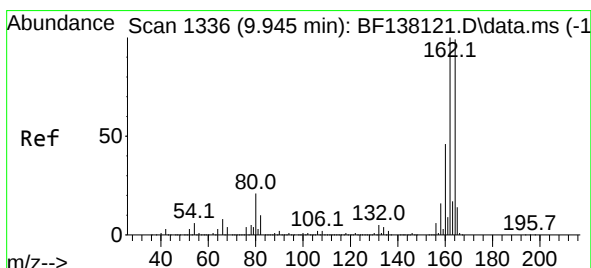
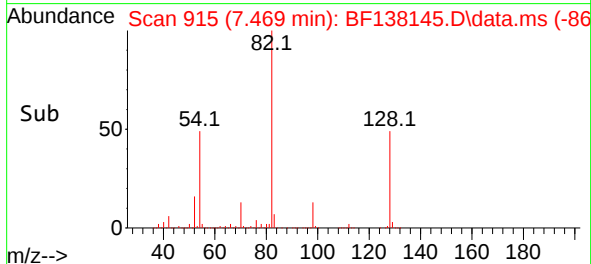
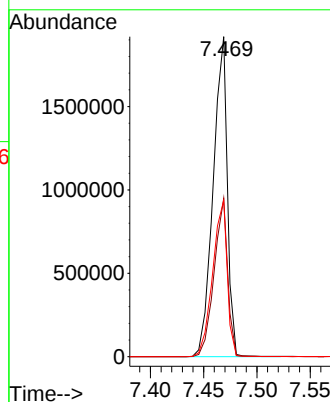
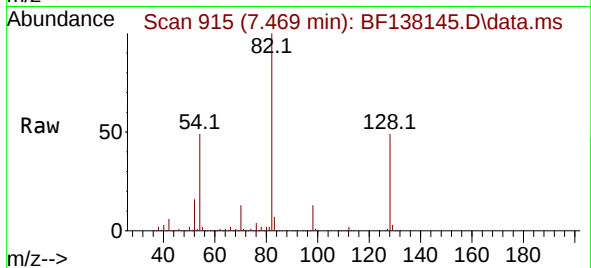
BNA_F

ClientSampleId :

MW-4

Tgt Ion: 82 Resp: 1782004

Ion	Ratio	Lower	Upper
82	100		
128	49.5	37.7	56.5
54	48.9	40.8	61.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1335

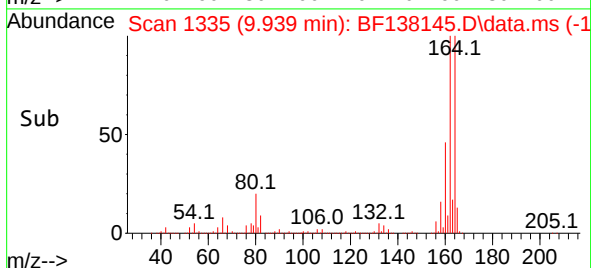
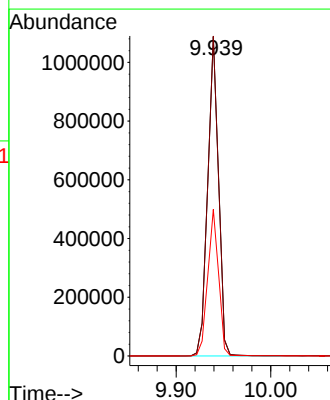
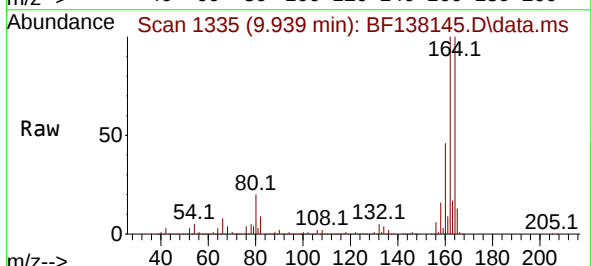
Delta R.T. -0.006 min

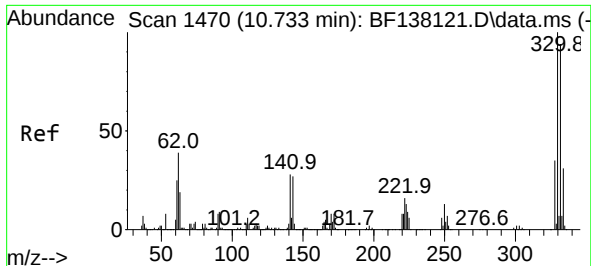
Lab File: BF138145.D

Acq: 06 Jun 2024 21:14

Tgt Ion: 164 Resp: 861470

Ion	Ratio	Lower	Upper
164	100		
162	100.2	80.9	121.3
160	45.9	37.0	55.6





#42

2,4,6-Tribromophenol

Concen: 116.735 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF138145.D

Acq: 06 Jun 2024 21:14

Instrument :

BNA_F

ClientSampleId :

MW-4

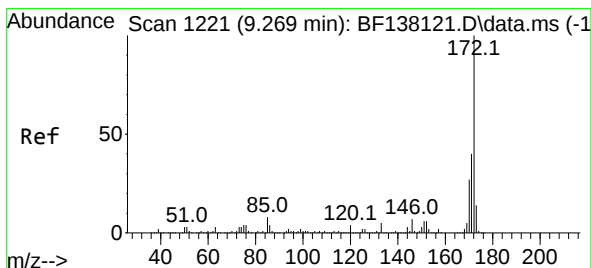
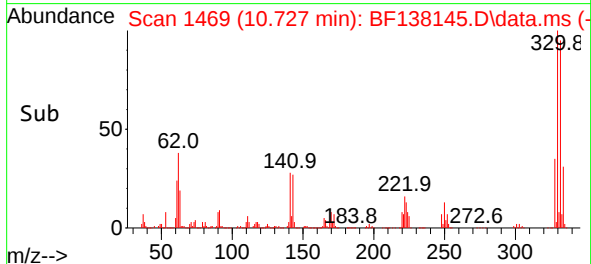
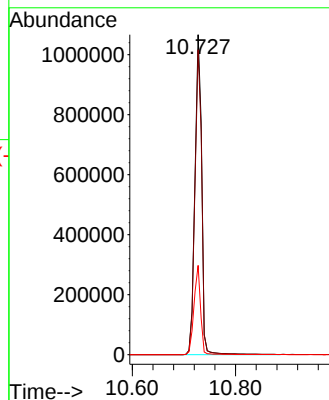
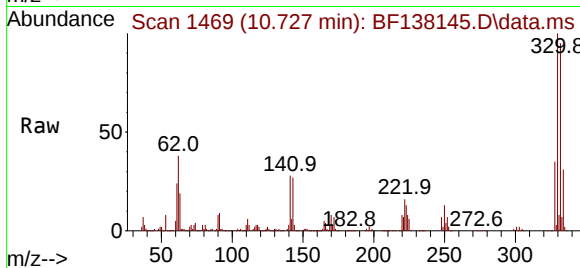
Tgt Ion:330 Resp: 967796

Ion Ratio Lower Upper

330 100

332 95.7 75.8 113.8

141 27.2 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 72.416 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF138145.D

Acq: 06 Jun 2024 21:14

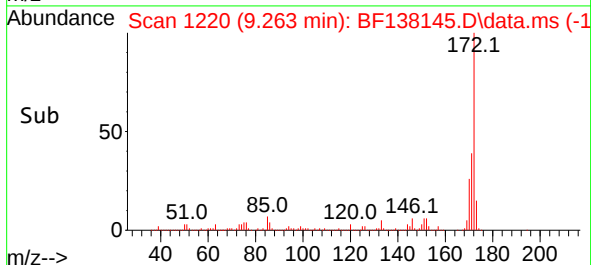
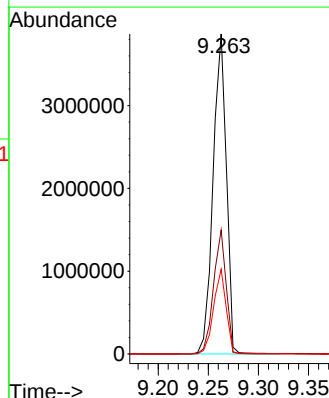
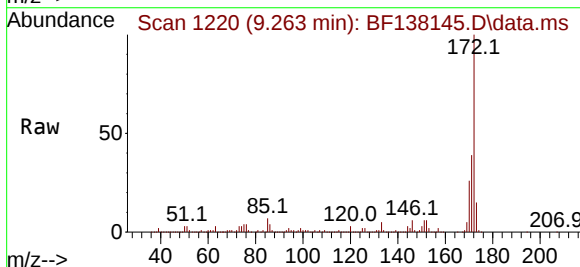
Tgt Ion:172 Resp: 3567778

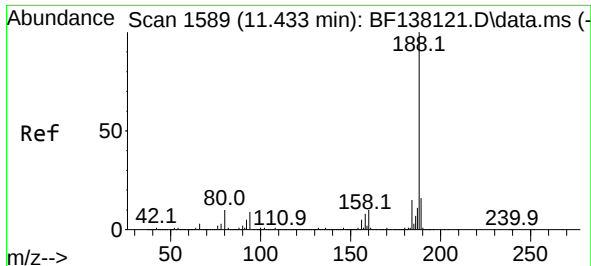
Ion Ratio Lower Upper

172 100

171 38.8 31.6 47.4

170 26.4 21.4 32.2

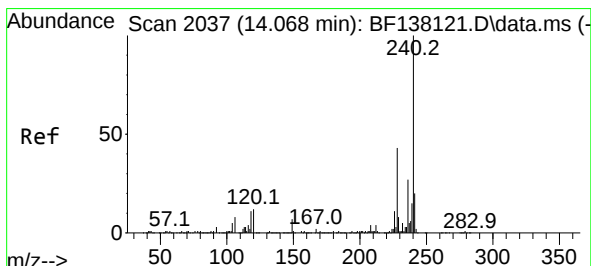
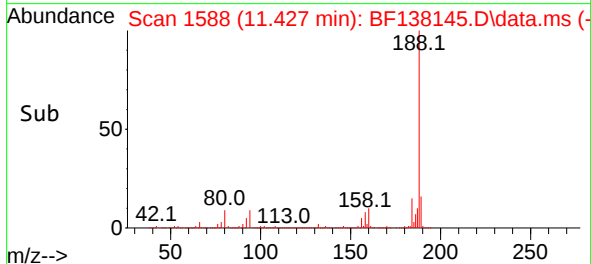
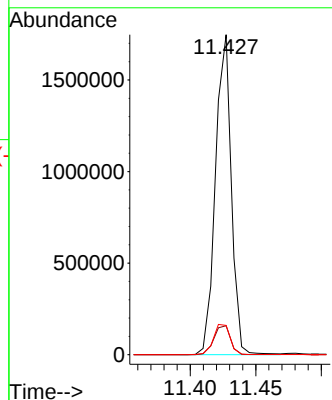
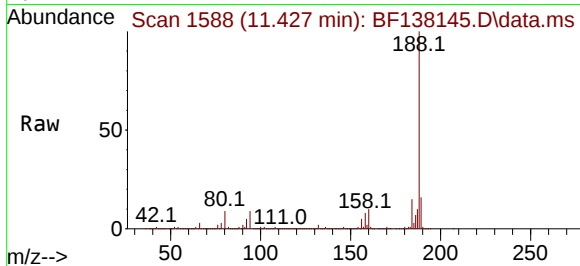




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138145.D
Acq: 06 Jun 2024 21:14

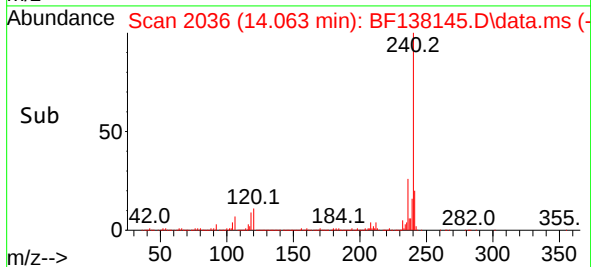
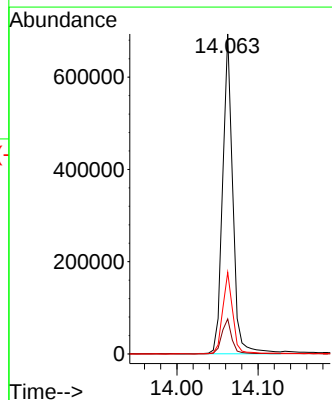
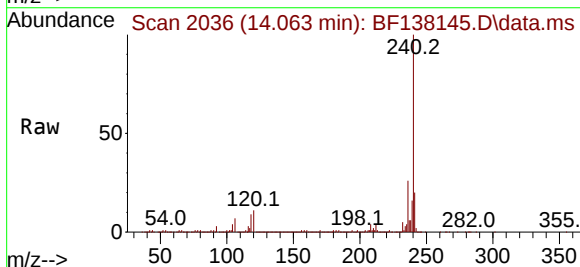
Instrument :
BNA_F
ClientSampleId :
MW-4

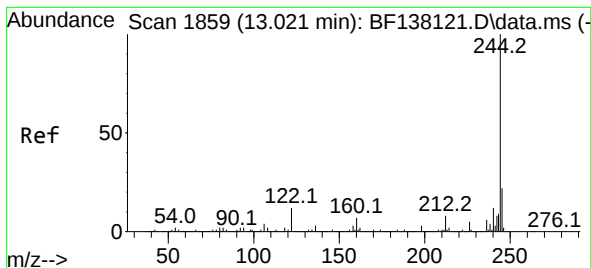
Tgt Ion:188 Resp: 1466405
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 9.2 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.005 min
Lab File: BF138145.D
Acq: 06 Jun 2024 21:14

Tgt Ion:240 Resp: 605852
Ion Ratio Lower Upper
240 100
120 11.0 9.8 14.8
236 25.5 21.2 31.8





#79

Terphenyl-d14

Concen: 87.498 ng

RT: 13.016 min Scan# 1858

Delta R.T. -0.006 min

Lab File: BF138145.D

Acq: 06 Jun 2024 21:14

Instrument :

BNA_F

ClientSampleId :

MW-4

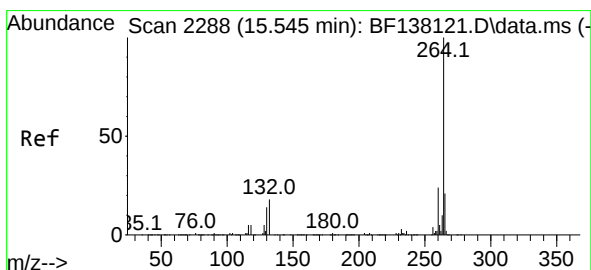
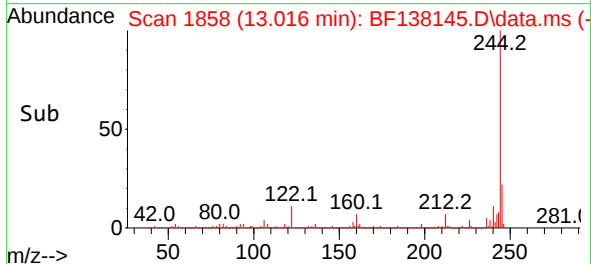
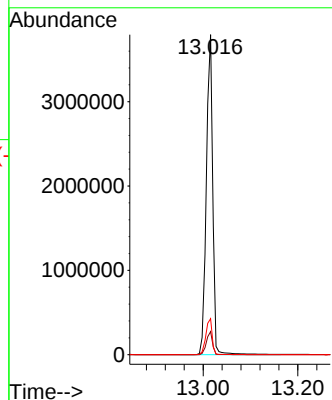
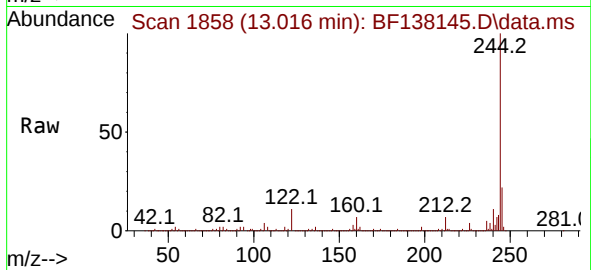
Tgt Ion:244 Resp: 3544125

Ion Ratio Lower Upper

244 100

212 7.2 6.4 9.6

122 11.3 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2288

Delta R.T. 0.000 min

Lab File: BF138145.D

Acq: 06 Jun 2024 21:14

Tgt Ion:264 Resp: 560520

Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 21.4 17.1 25.7

