

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060624\
 Data File : BF138147.D
 Acq On : 06 Jun 2024 22:14
 Operator : CG\JU
 Sample : P2718-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7

Quant Time: Jun 07 03:20:01 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	345742	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	1339505	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	738872	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	1192631	20.000	ng	0.00
76) Chrysene-d12	14.063	240	518297	20.000	ng	0.00
86) Perylene-d12	15.545	264	500299	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	955715	47.109	ng	0.00
7) Phenol-d6	6.516	99	706399	27.521	ng	-0.02
23) Nitrobenzene-d5	7.469	82	1654991	84.062	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	830634	116.815	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	3374028	79.846	ng	0.00
79) Terphenyl-d14	13.010	244	2909489	83.964	ng	-0.01

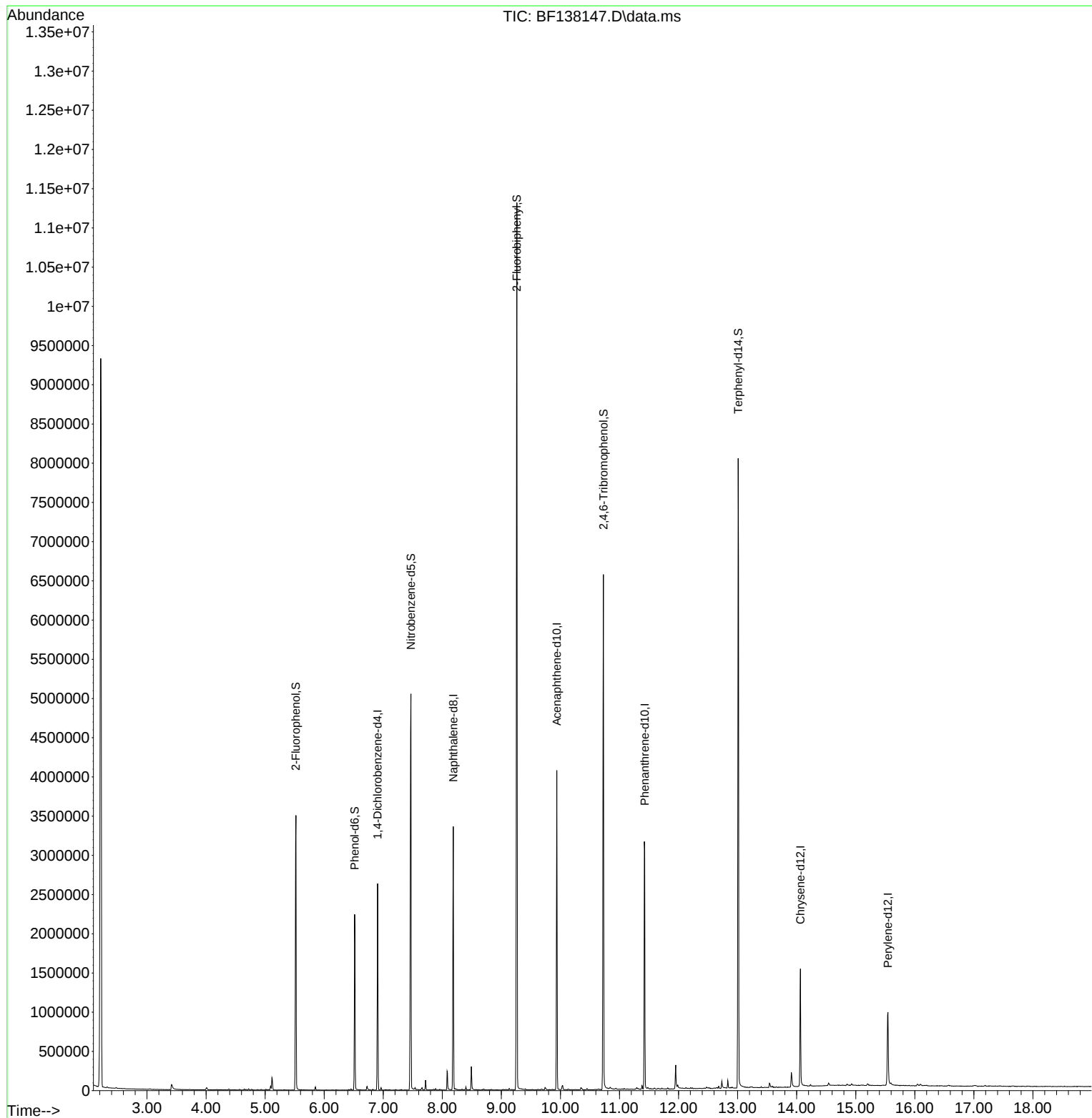
Target Compounds	Qvalue

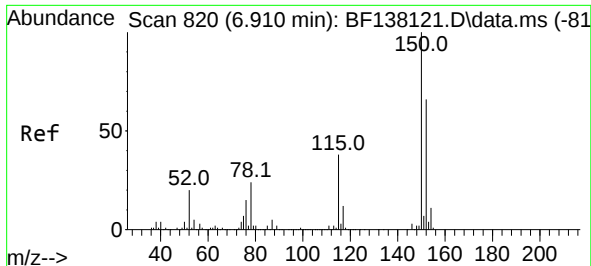
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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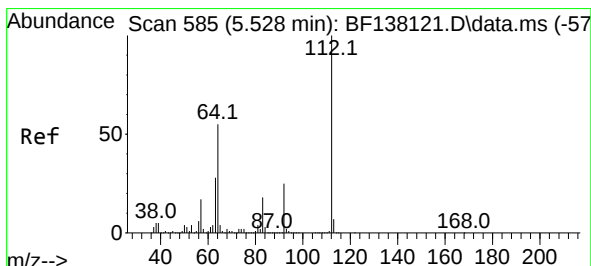
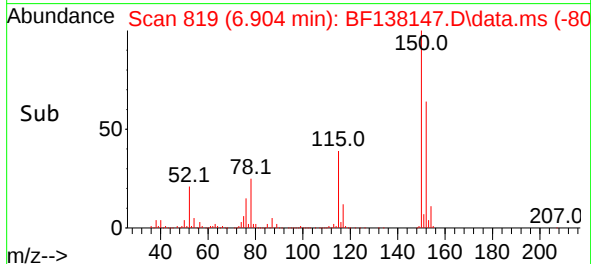
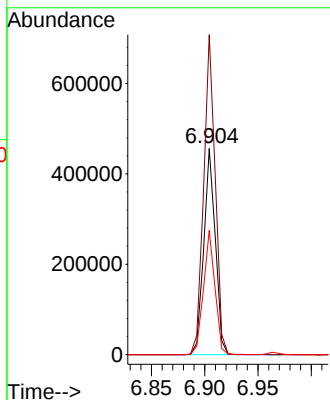
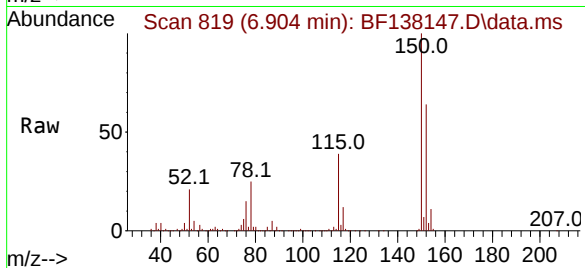




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138147.D
Acq: 06 Jun 2024 22:14

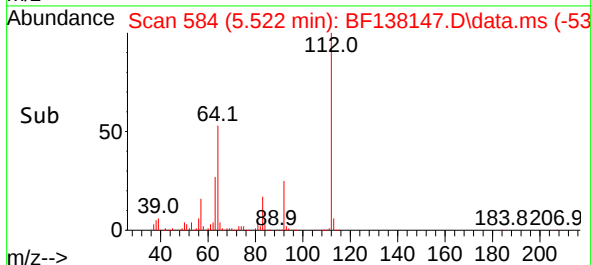
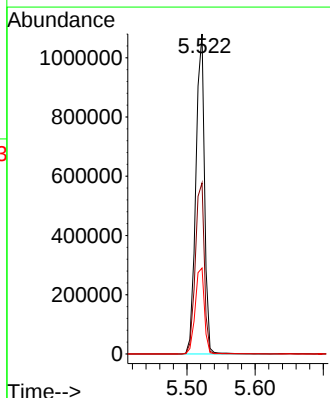
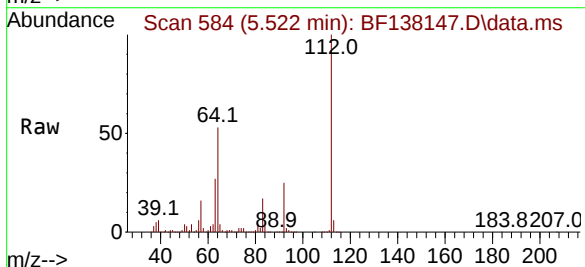
Instrument :
BNA_F
ClientSampleId :
MW-7

Tgt Ion:152 Resp: 345742
Ion Ratio Lower Upper
152 100
150 155.1 121.8 182.6
115 60.3 46.2 69.2



#5
2-Fluorophenol
Concen: 47.109 ng
RT: 5.522 min Scan# 584
Delta R.T. -0.006 min
Lab File: BF138147.D
Acq: 06 Jun 2024 22:14

Tgt Ion:112 Resp: 955715
Ion Ratio Lower Upper
112 100
64 53.5 44.0 66.0
63 26.9 22.1 33.1





#7
Phenol-d6
Concen: 27.521 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF138147.D
Acq: 06 Jun 2024 22:14

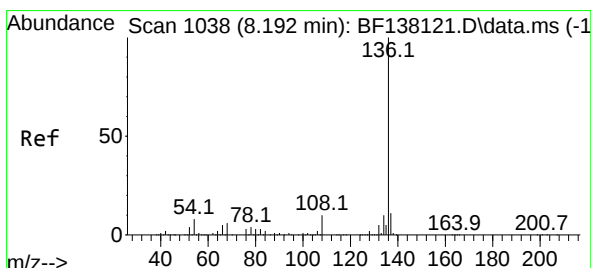
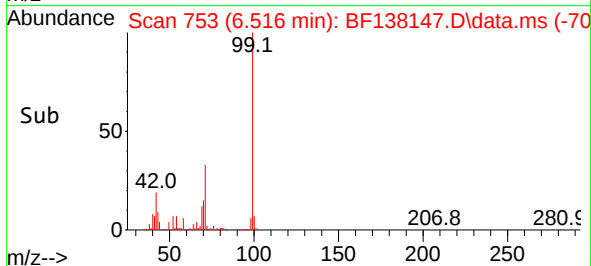
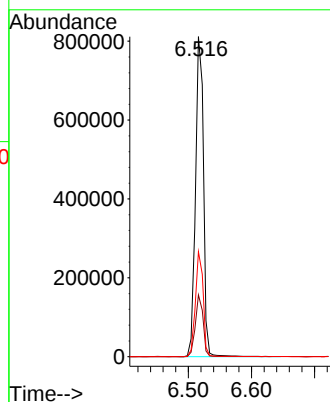
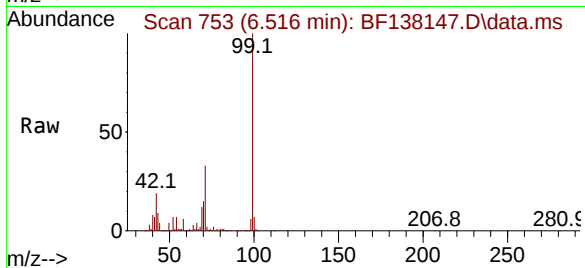
Instrument :

BNA_F

ClientSampleId :

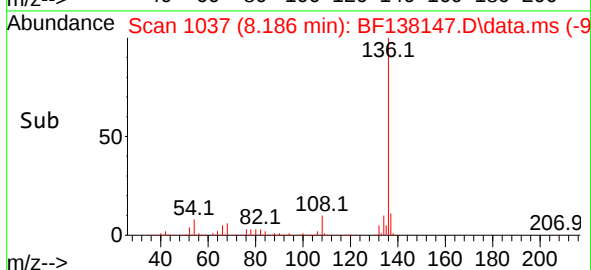
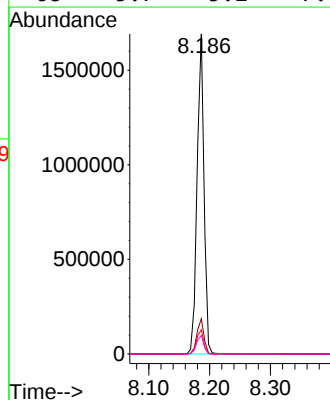
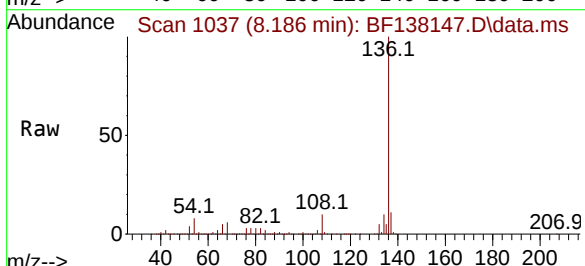
MW-7

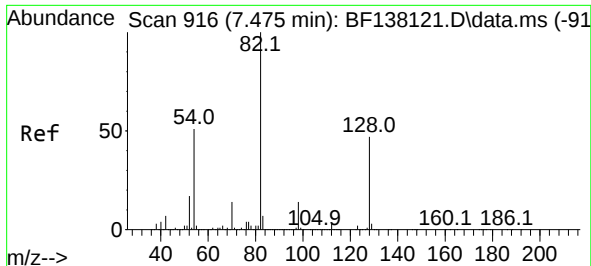
Tgt Ion: 99 Resp: 706399
Ion Ratio Lower Upper
99 100
42 19.3 14.4 21.6
71 32.8 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF138147.D
Acq: 06 Jun 2024 22:14

Tgt Ion: 136 Resp: 1339505
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.6 6.2 9.2
68 5.7 5.2 7.8

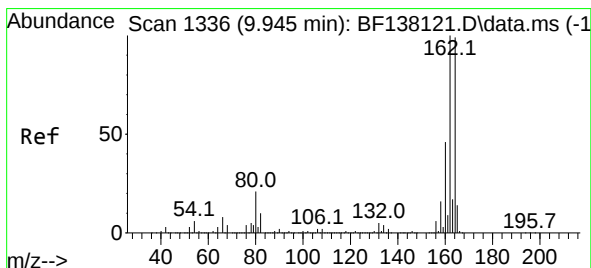
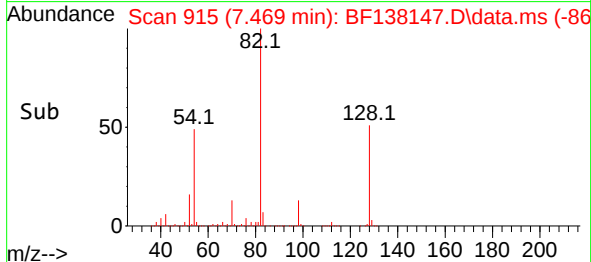
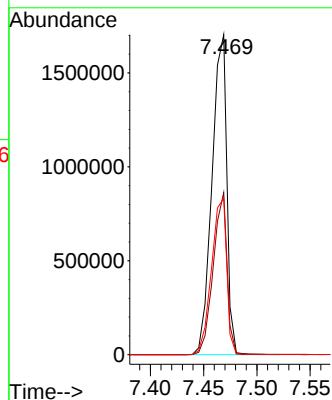
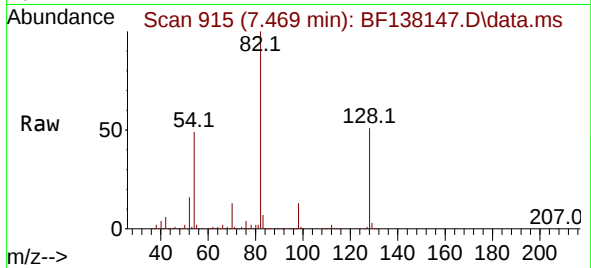




#23
Nitrobenzene-d5
Concen: 84.062 ng
RT: 7.469 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF138147.D
Acq: 06 Jun 2024 22:14

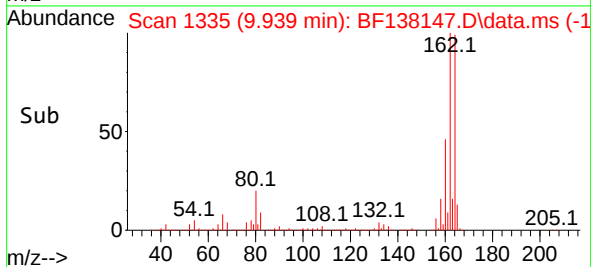
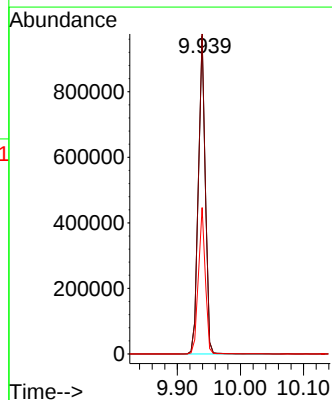
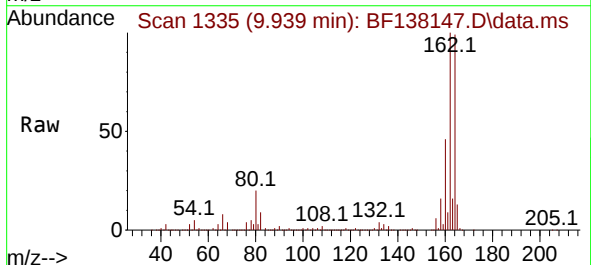
Instrument :
BNA_F
ClientSampleId :
MW-7

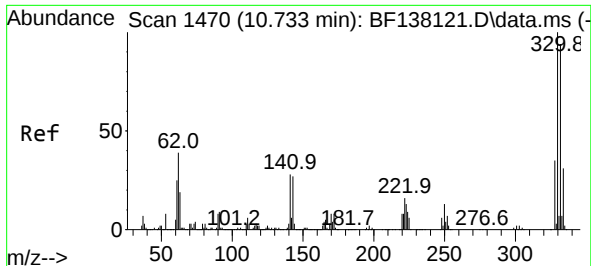
Tgt Ion: 82 Resp: 1654991
Ion Ratio Lower Upper
82 100
128 50.6 37.7 56.5
54 48.8 40.8 61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF138147.D
Acq: 06 Jun 2024 22:14

Tgt Ion:164 Resp: 738872
Ion Ratio Lower Upper
164 100
162 100.7 80.9 121.3
160 46.0 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 116.815 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF138147.D

Acq: 06 Jun 2024 22:14

Instrument :

BNA_F

ClientSampleId :

MW-7

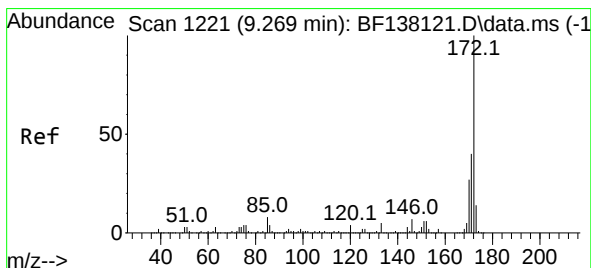
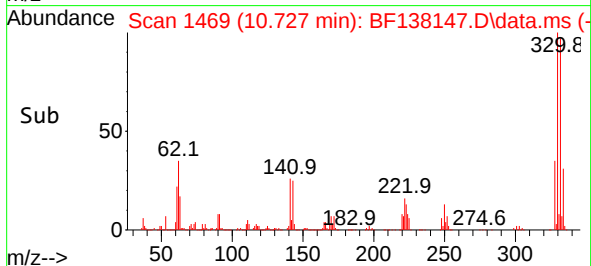
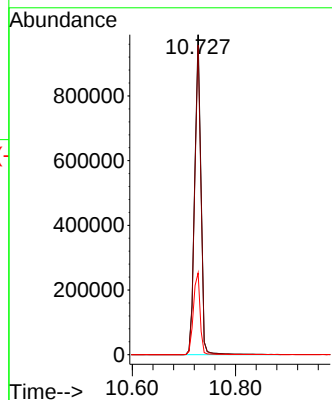
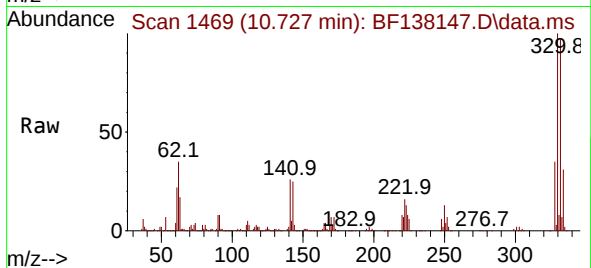
Tgt Ion:330 Resp: 830634

Ion Ratio Lower Upper

330 100

332 96.0 75.8 113.8

141 27.6 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 79.846 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF138147.D

Acq: 06 Jun 2024 22:14

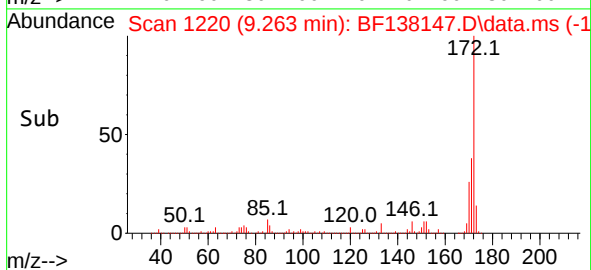
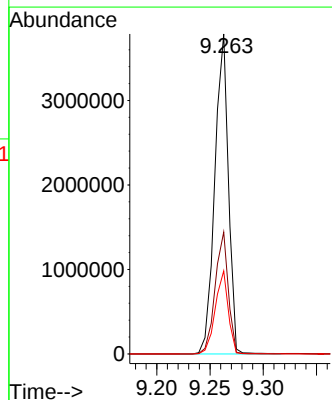
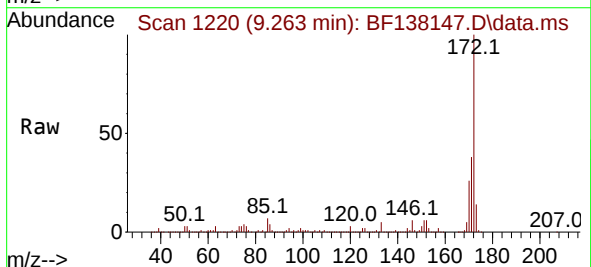
Tgt Ion:172 Resp: 3374028

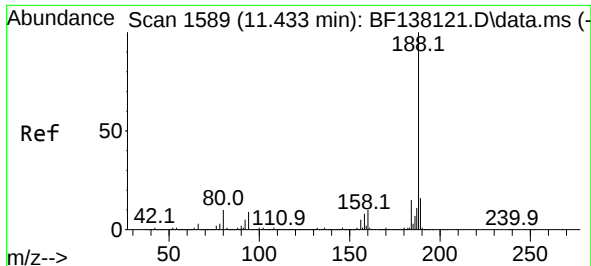
Ion Ratio Lower Upper

172 100

171 38.1 31.6 47.4

170 26.0 21.4 32.2

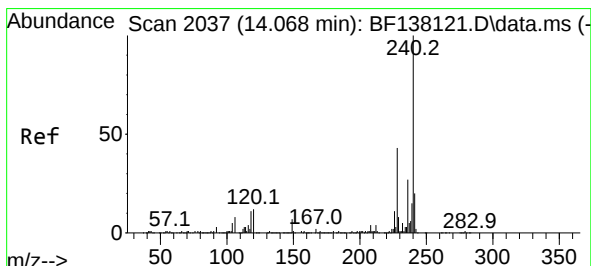
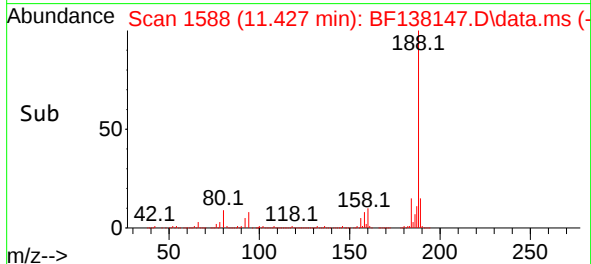
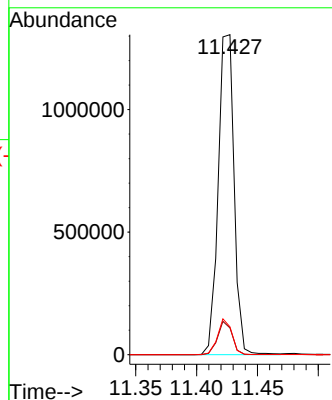
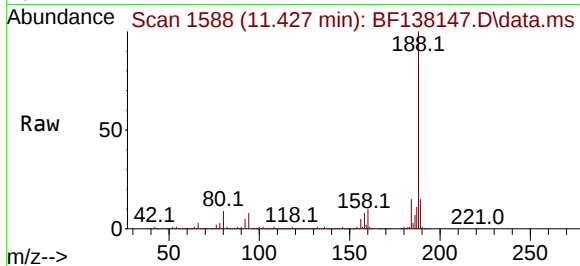




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138147.D
Acq: 06 Jun 2024 22:14

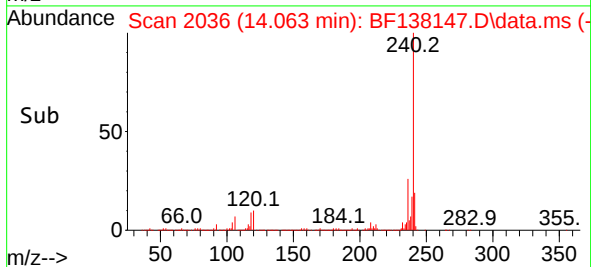
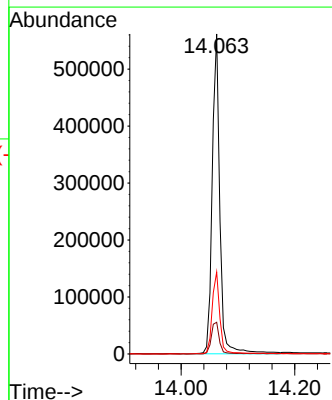
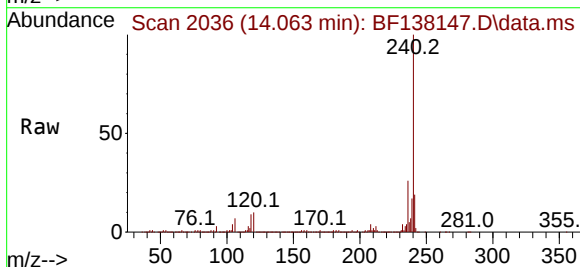
Instrument :
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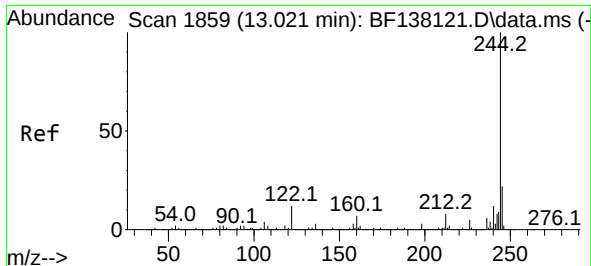
Tgt Ion:188 Resp: 1192631
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.2
80 8.7 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.005 min
Lab File: BF138147.D
Acq: 06 Jun 2024 22:14

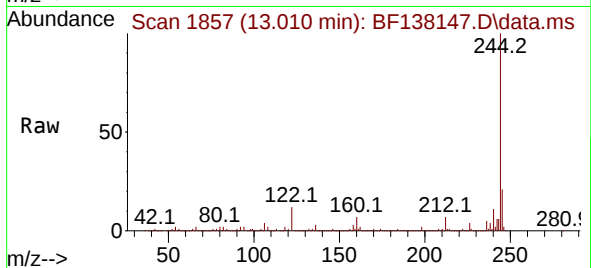
Tgt Ion:240 Resp: 518297
Ion Ratio Lower Upper
240 100
120 9.9 9.8 14.8
236 25.6 21.2 31.8



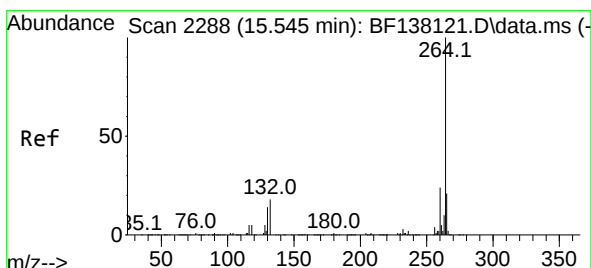
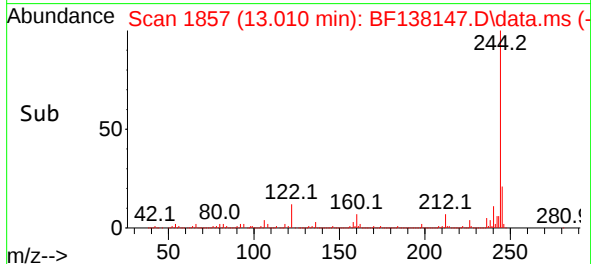
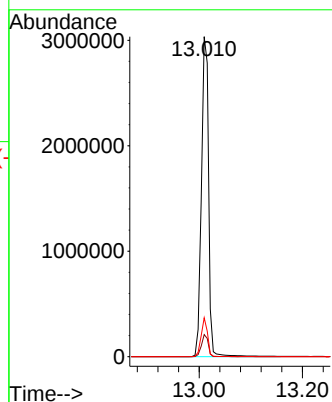


#79
 Terphenyl-d14
 Concen: 83.964 ng
 RT: 13.010 min Scan# 1859
 Delta R.T. -0.012 min
 Lab File: BF138147.D
 Acq: 06 Jun 2024 22:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-7



Tgt Ion:244 Resp: 2909489
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.4 9.6
 122 12.2 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: BF138147.D
 Acq: 06 Jun 2024 22:14

Tgt Ion:264 Resp: 500299
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.1 17.1 25.7

