

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060724\
 Data File : BF138167.D
 Acq On : 07 Jun 2024 18:35
 Operator : CG\JU
 Sample : P2707-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-01

Quant Time: Jun 07 22:53:44 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	387983	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	1503855	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	835528	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	1275007	20.000	ng	-0.01
76) Chrysene-d12	14.062	240	637161	20.000	ng	0.00
86) Perylene-d12	15.545	264	516937	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1916447	84.181	ng	0.00
7) Phenol-d6	6.528	99	2432835	84.462	ng	0.00
23) Nitrobenzene-d5	7.463	82	1408979	63.745	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	684872	85.174	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2699697	56.498	ng	0.00
79) Terphenyl-d14	13.010	244	2170843	50.960	ng	-0.01

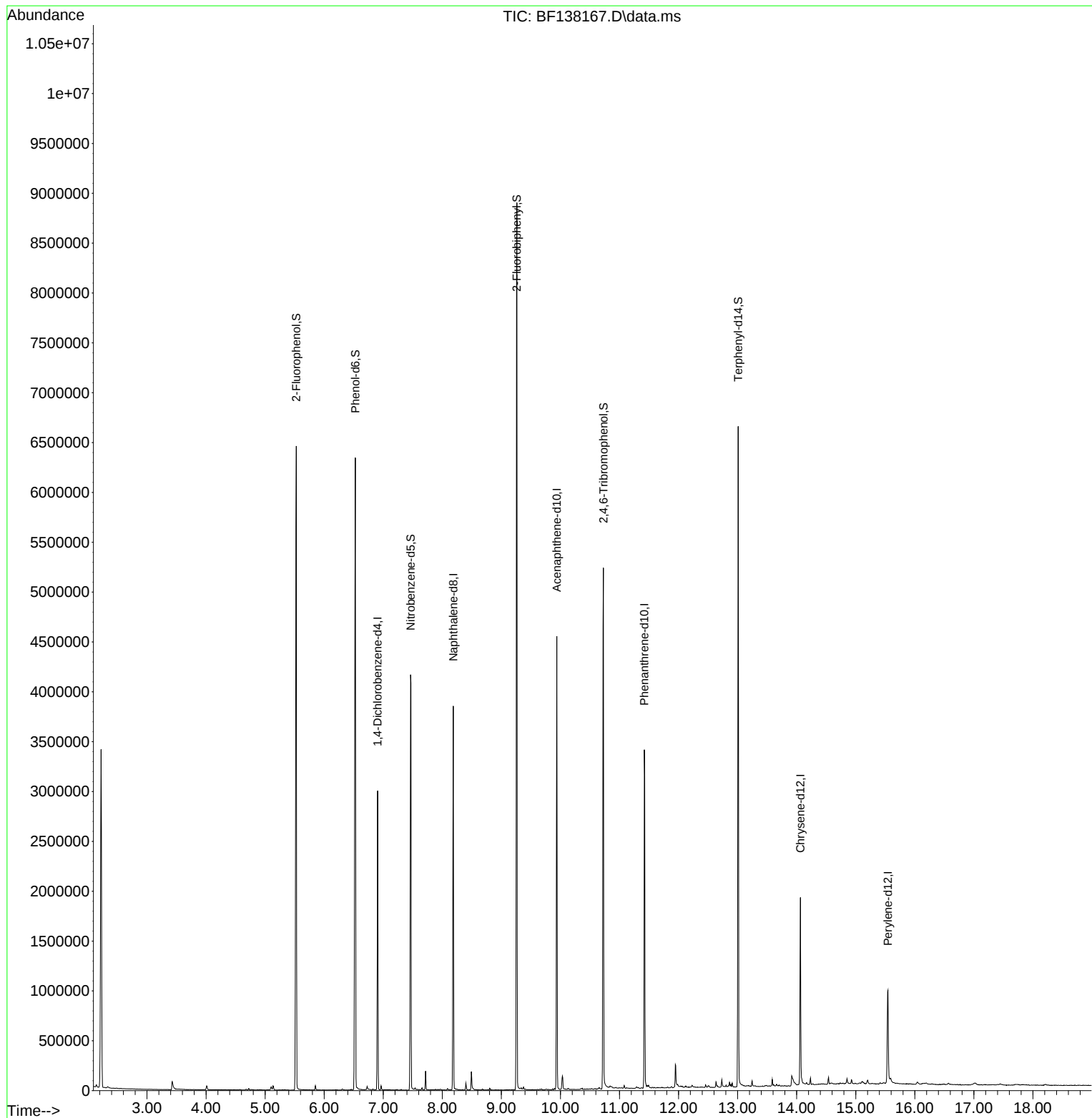
Target Compounds	Qvalue

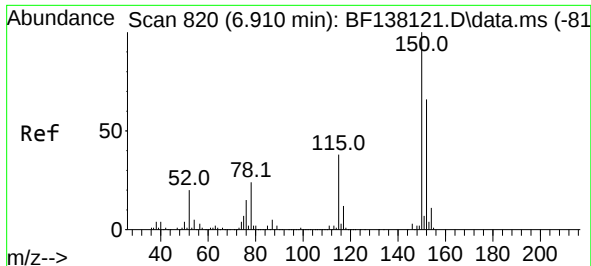
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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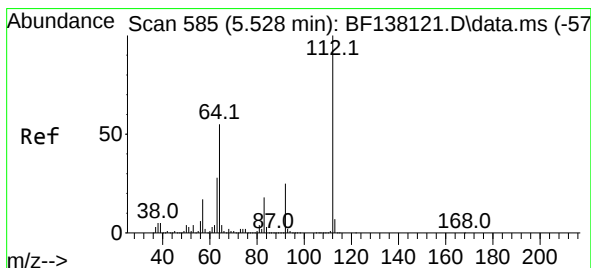
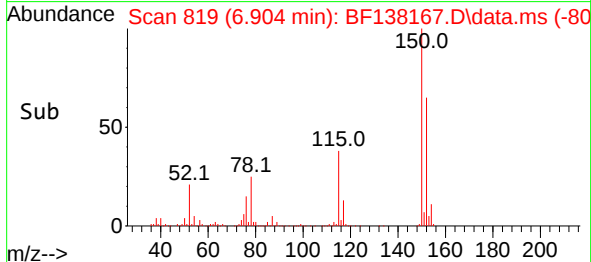
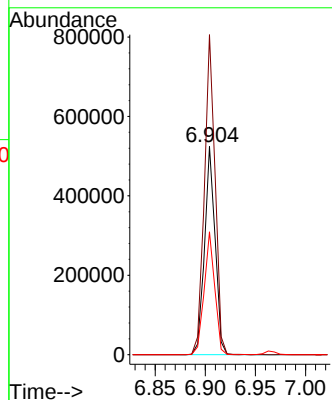
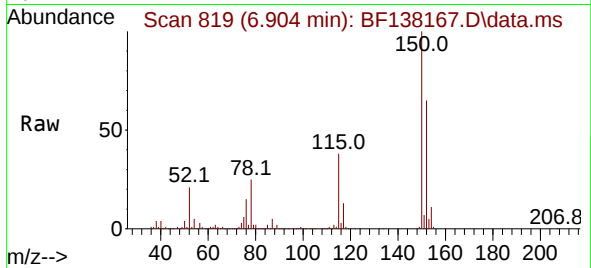




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 819
 Delta R.T. -0.006 min
 Lab File: BF138167.D
 Acq: 07 Jun 2024 18:35

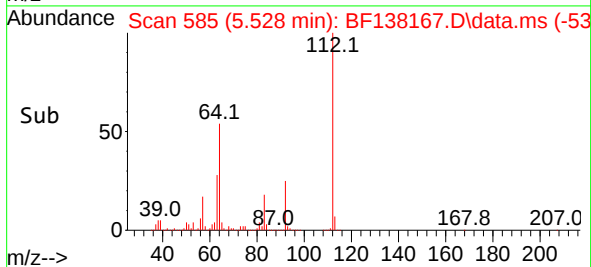
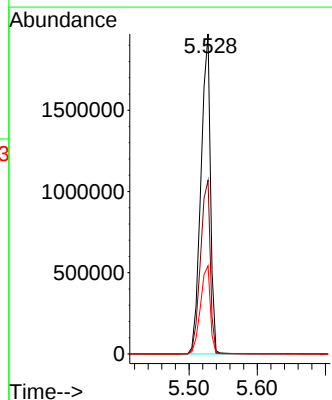
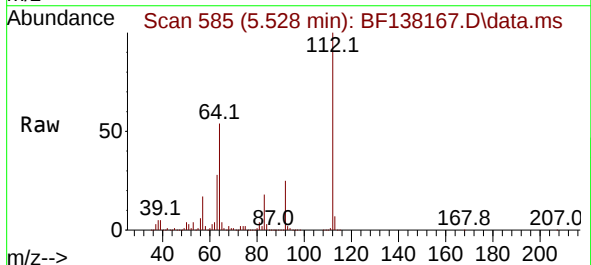
Instrument :
 BNA_F
 ClientSampleId :
 P-01

Tgt Ion:152 Resp: 387983
 Ion Ratio Lower Upper
 152 100
 150 153.7 121.8 182.6
 115 59.0 46.2 69.2



#5
 2-Fluorophenol
 Concen: 84.181 ng
 RT: 5.528 min Scan# 585
 Delta R.T. -0.000 min
 Lab File: BF138167.D
 Acq: 07 Jun 2024 18:35

Tgt Ion:112 Resp: 1916447
 Ion Ratio Lower Upper
 112 100
 64 54.3 44.0 66.0
 63 27.6 22.1 33.1

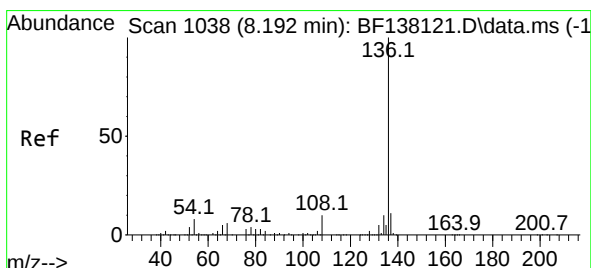
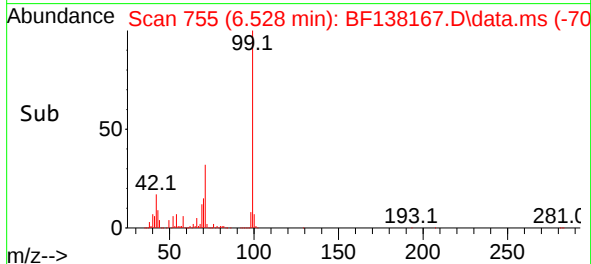
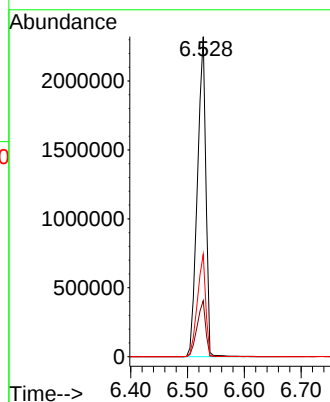
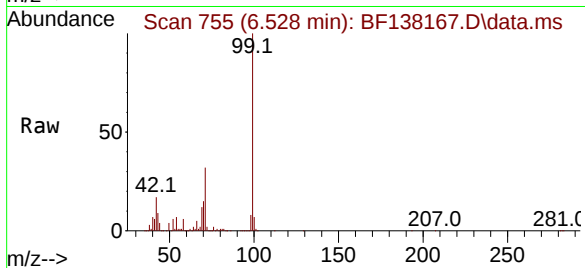




#7
Phenol-d6
Concen: 84.462 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138167.D
Acq: 07 Jun 2024 18:35

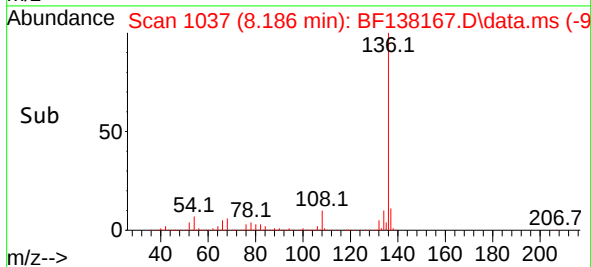
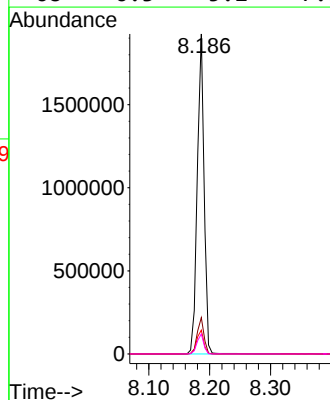
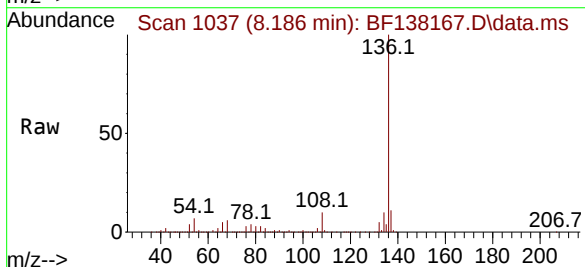
Instrument :
BNA_F
ClientSampleId :
P-01

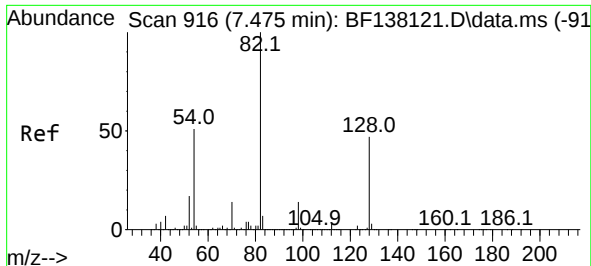
Tgt Ion: 99 Resp: 2432835
Ion Ratio Lower Upper
99 100
42 17.5 14.4 21.6
71 32.0 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF138167.D
Acq: 07 Jun 2024 18:35

Tgt Ion:136 Resp: 1503855
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.5 6.2 9.2
68 6.3 5.2 7.8

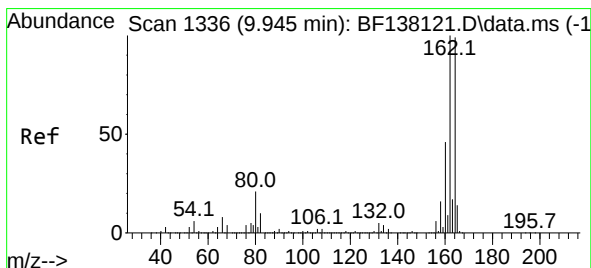
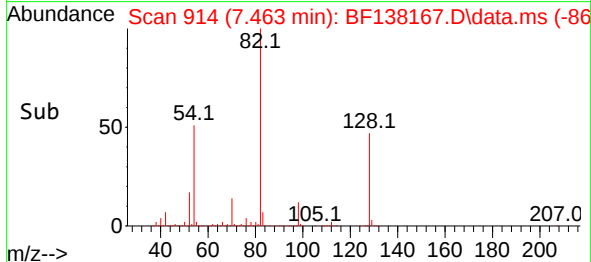
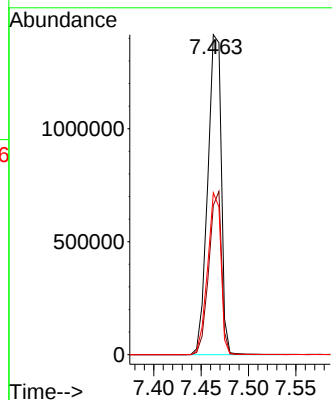
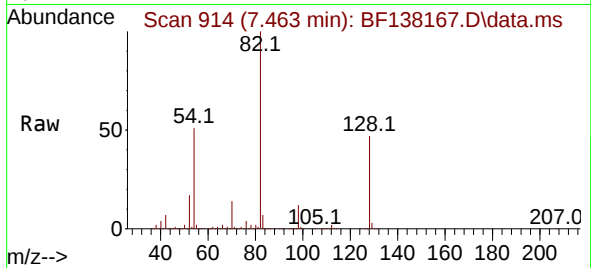




#23
Nitrobenzene-d5
Concen: 63.745 ng
RT: 7.463 min Scan# 916
Delta R.T. -0.012 min
Lab File: BF138167.D
Acq: 07 Jun 2024 18:35

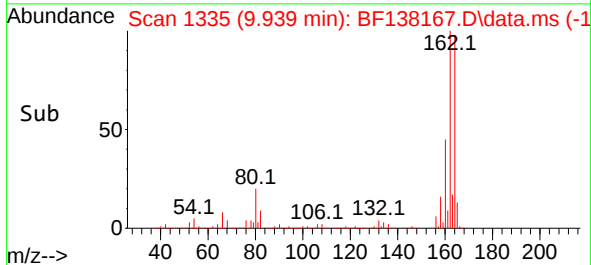
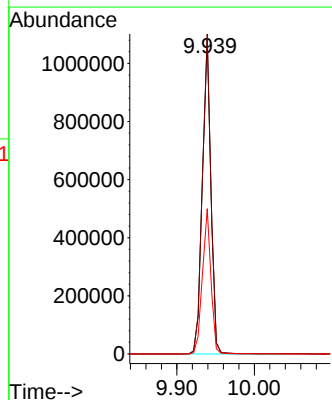
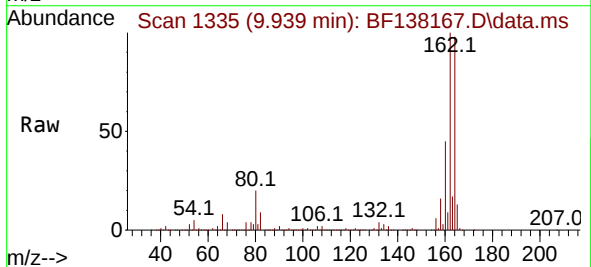
Instrument :
BNA_F
ClientSampleId :
P-01

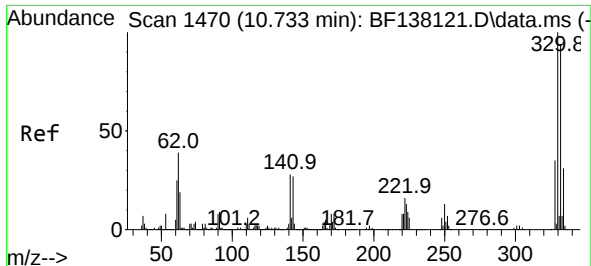
Tgt Ion: 82 Resp: 1408979
Ion Ratio Lower Upper
82 100
128 46.7 37.7 56.5
54 50.6 40.8 61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF138167.D
Acq: 07 Jun 2024 18:35

Tgt Ion: 164 Resp: 835528
Ion Ratio Lower Upper
164 100
162 101.6 80.9 121.3
160 46.1 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 85.174 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF138167.D

Acq: 07 Jun 2024 18:35

Instrument :

BNA_F

ClientSampleId :

P-01

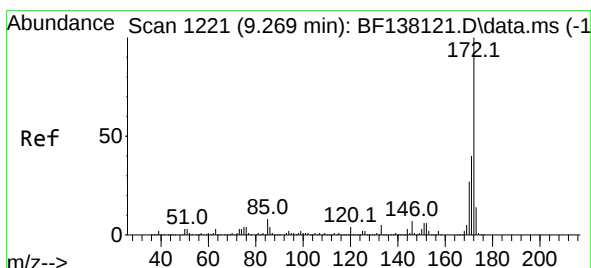
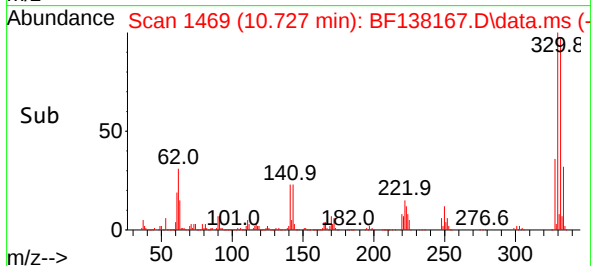
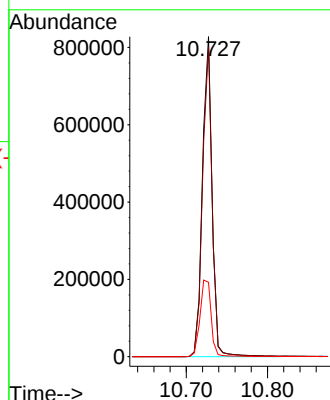
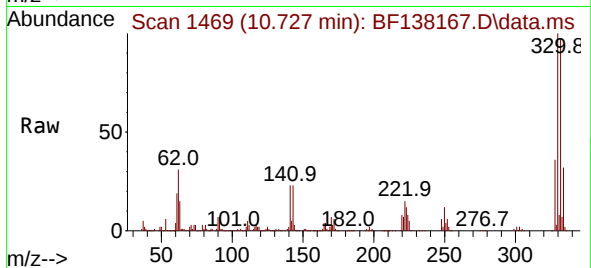
Tgt Ion:330 Resp: 684872

Ion Ratio Lower Upper

330 100

332 96.9 75.8 113.8

141 27.8 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 56.498 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF138167.D

Acq: 07 Jun 2024 18:35

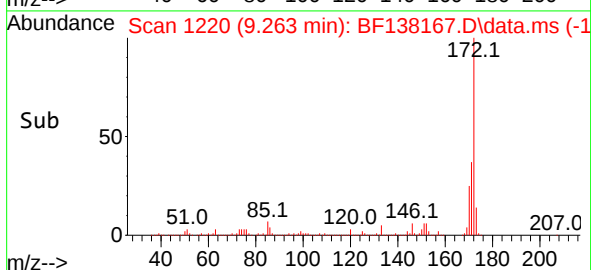
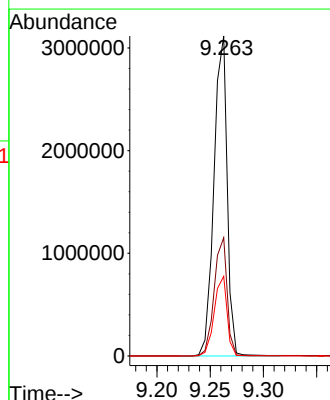
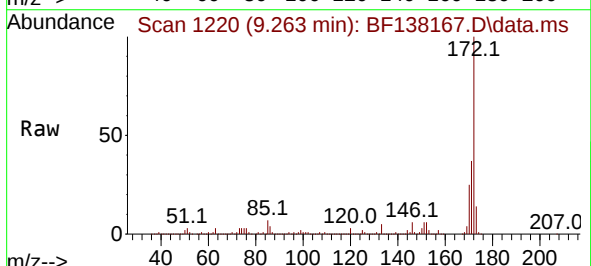
Tgt Ion:172 Resp: 2699697

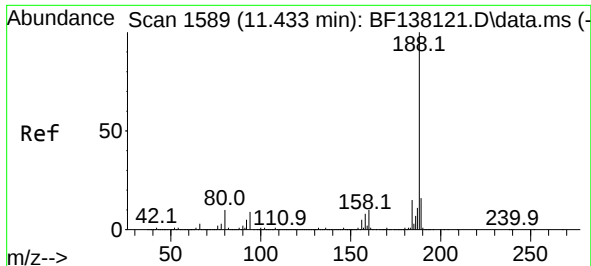
Ion Ratio Lower Upper

172 100

171 36.9 31.6 47.4

170 24.9 21.4 32.2

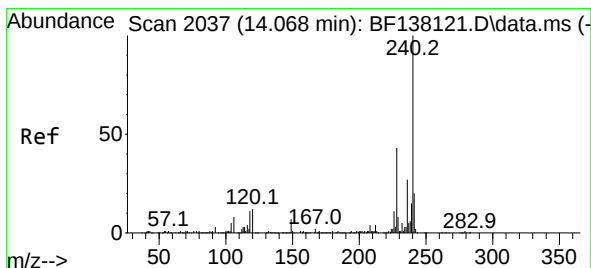
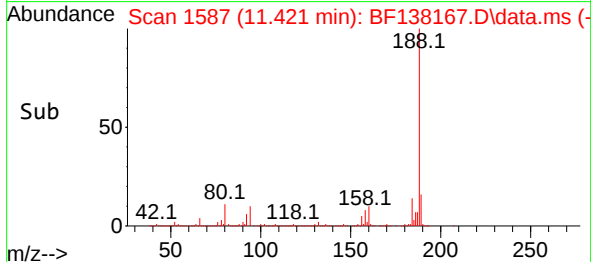
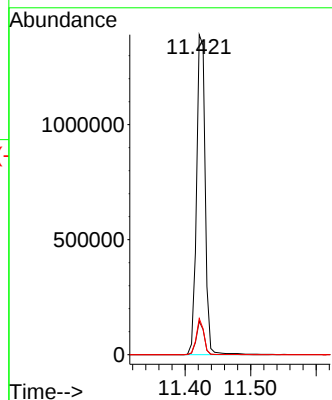
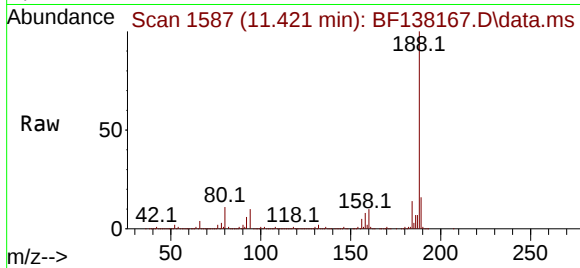




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138167.D
Acq: 07 Jun 2024 18:35

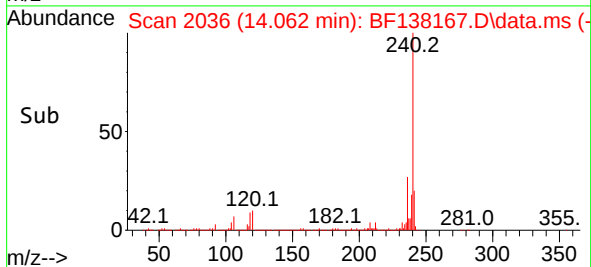
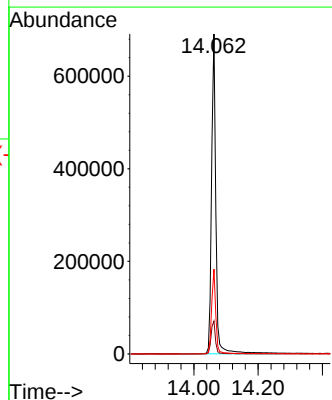
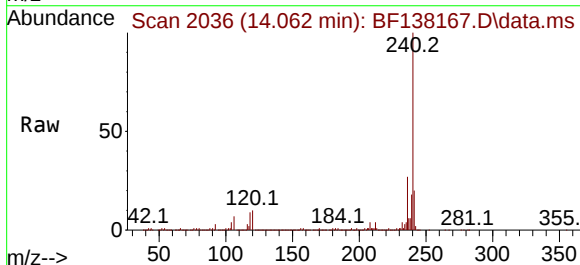
Instrument :
BNA_F
ClientSampleId :
P-01

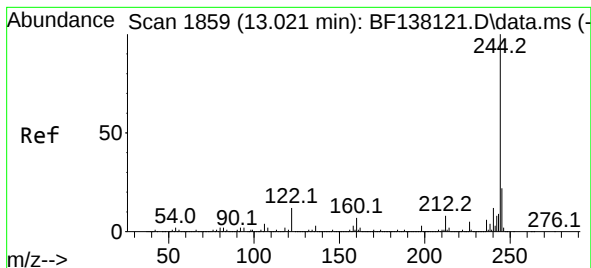
Tgt Ion:188 Resp: 1275007
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.2
80 11.3 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF138167.D
Acq: 07 Jun 2024 18:35

Tgt Ion:240 Resp: 637161
Ion Ratio Lower Upper
240 100
120 10.3 9.8 14.8
236 26.5 21.2 31.8





#79

Terphenyl-d14

Concen: 50.960 ng

RT: 13.010 min Scan# 1857

Delta R.T. -0.012 min

Lab File: BF138167.D

Acq: 07 Jun 2024 18:35

Instrument :

BNA_F

ClientSampleId :

P-01

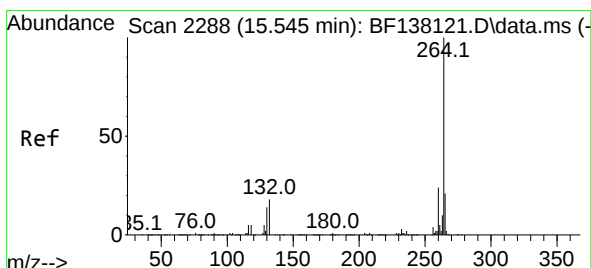
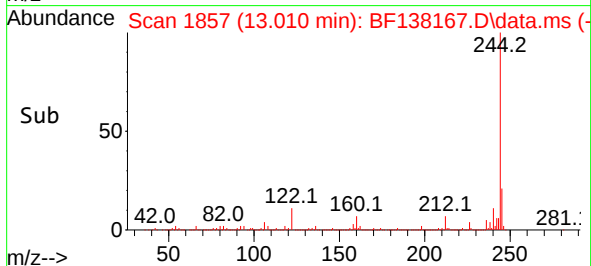
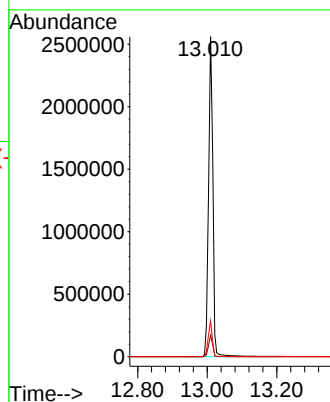
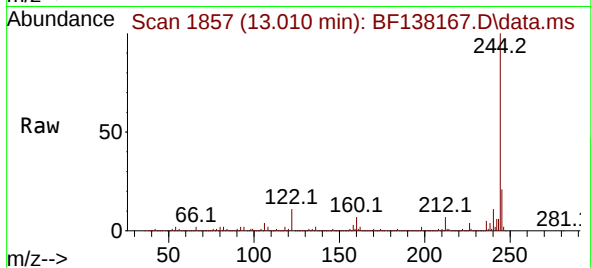
Tgt Ion:244 Resp: 2170843

Ion Ratio Lower Upper

244 100

212 6.7 6.4 9.6

122 11.2 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: BF138167.D

Acq: 07 Jun 2024 18:35

Tgt Ion:264 Resp: 516937

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

265 21.1 17.1 25.7

