

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060724\
 Data File : BF138165.D
 Acq On : 07 Jun 2024 17:35
 Operator : CG\JU
 Sample : P2707-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-02

Quant Time: Jun 07 22:53:11 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	385413	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	1483443	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	828151	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	1294185	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	610285	20.000	ng	0.00
86) Perylene-d12	15.539	264	525583	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1926137	85.171	ng	0.00
7) Phenol-d6	6.528	99	2470856	86.354	ng	0.00
23) Nitrobenzene-d5	7.463	82	1459770	66.952	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	724257	90.874	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2759192	58.257	ng	0.00
79) Terphenyl-d14	13.010	244	2094096	51.324	ng	-0.01

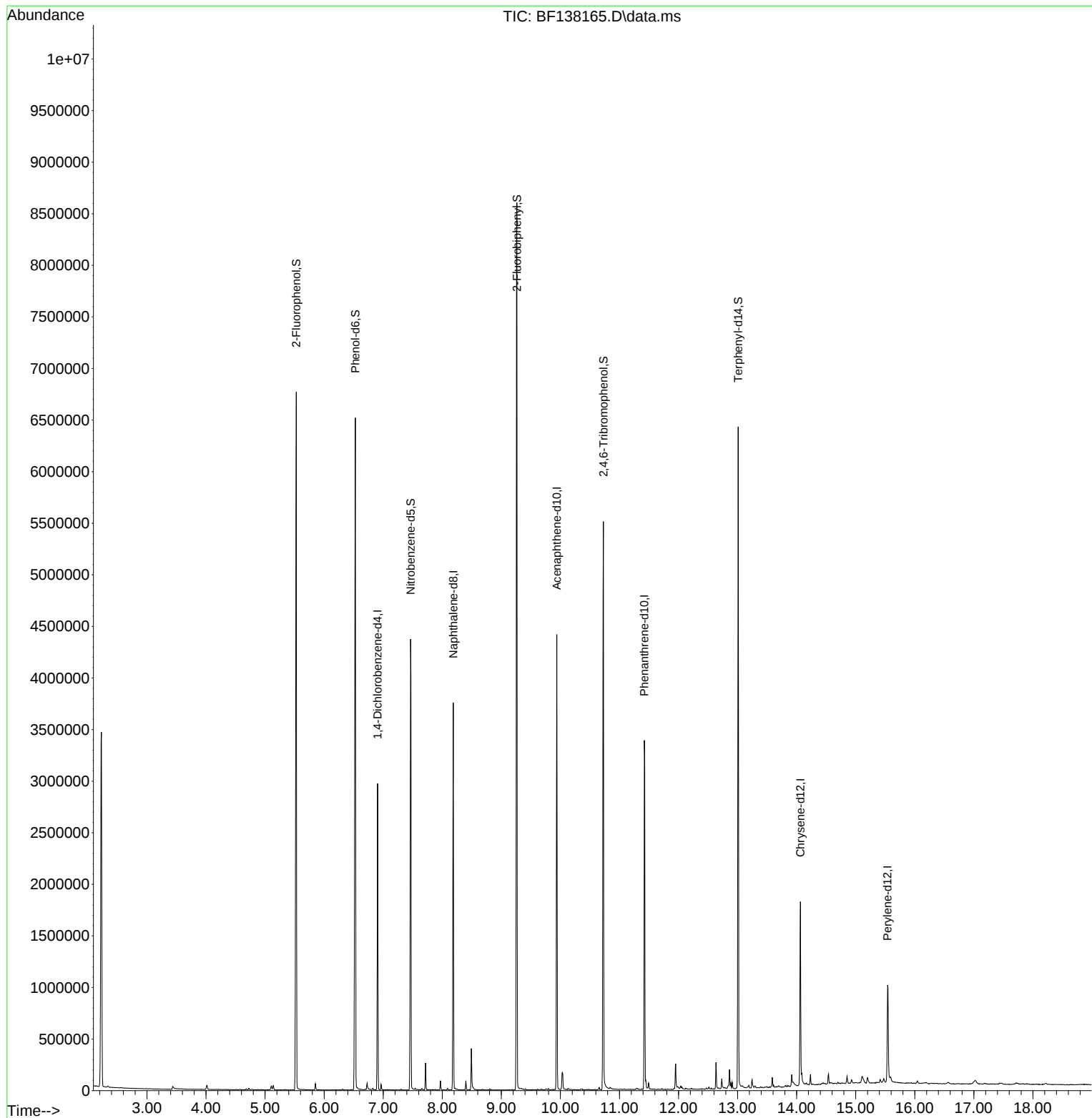
Target Compounds	Qvalue

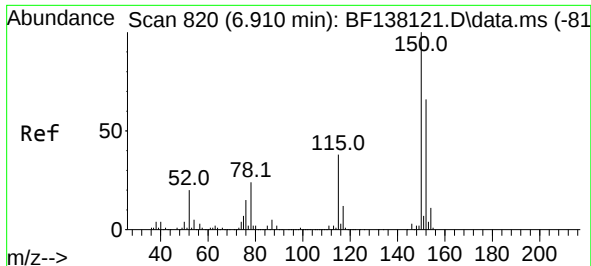
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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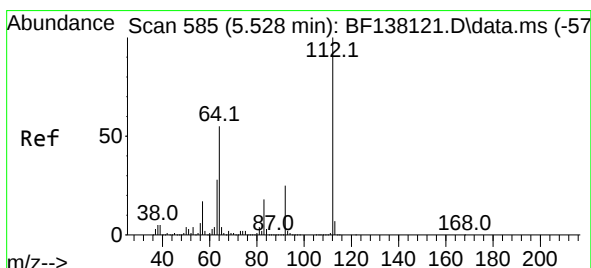
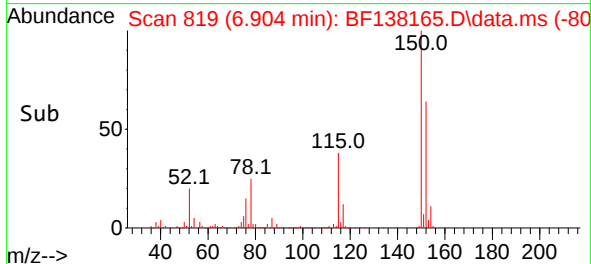
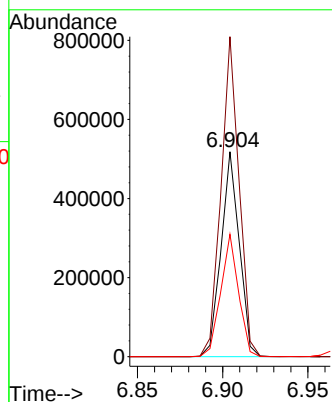
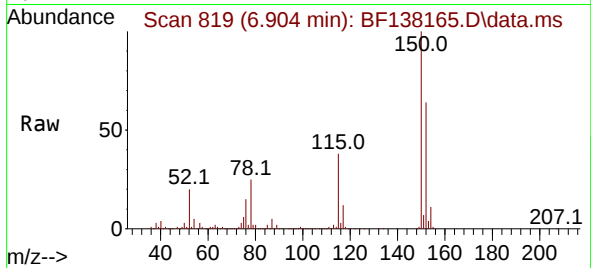




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF138165.D
Acq: 07 Jun 2024 17:35

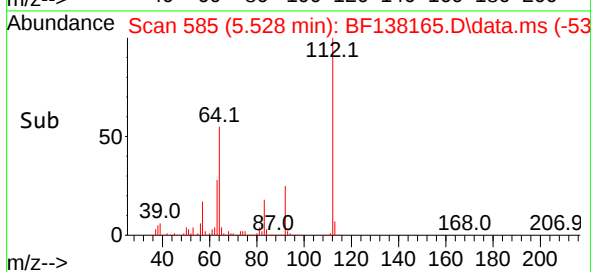
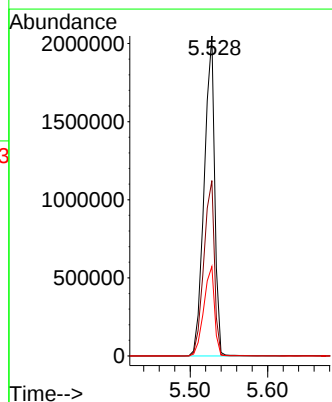
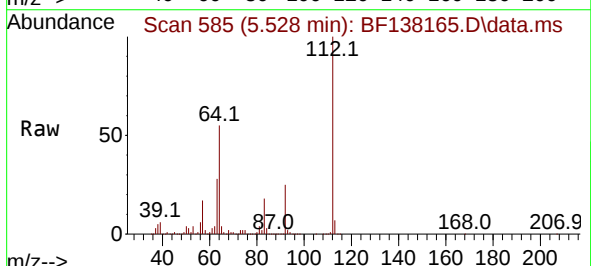
Instrument :
BNA_F
ClientSampleId :
SW-02

Tgt Ion:152 Resp: 385413
Ion Ratio Lower Upper
152 100
150 156.1 121.8 182.6
115 59.7 46.2 69.2



#5
2-Fluorophenol
Concen: 85.171 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.000 min
Lab File: BF138165.D
Acq: 07 Jun 2024 17:35

Tgt Ion:112 Resp: 1926137
Ion Ratio Lower Upper
112 100
64 54.8 44.0 66.0
63 28.0 22.1 33.1

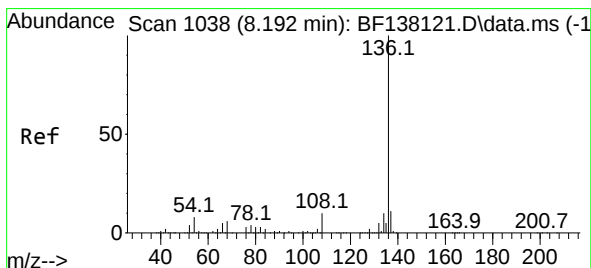
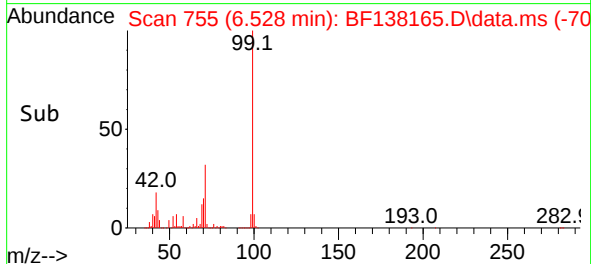
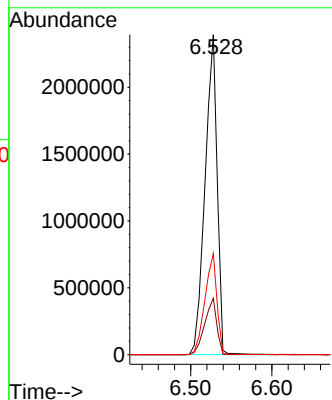
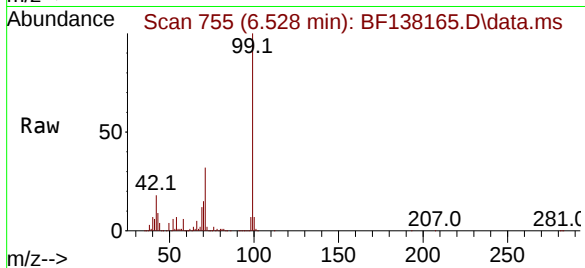




#7
Phenol-d6
Concen: 86.354 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138165.D
Acq: 07 Jun 2024 17:35

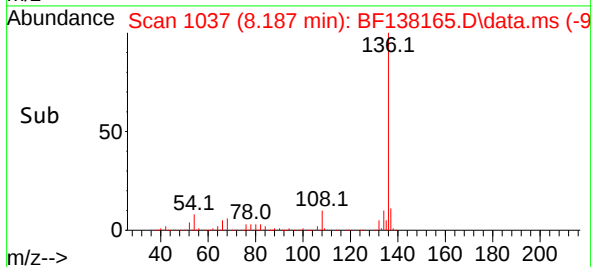
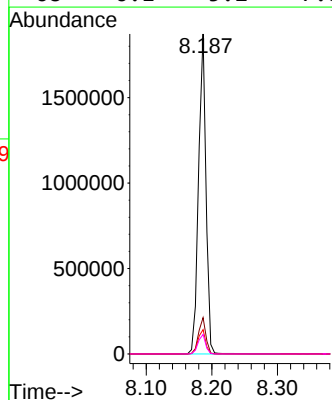
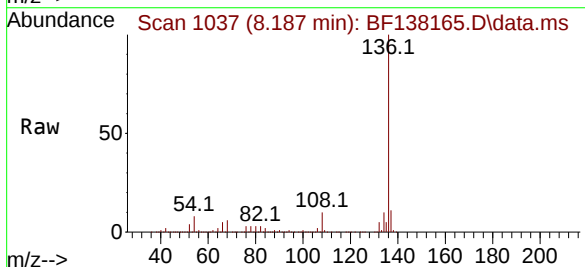
Instrument :
BNA_F
ClientSampleId :
SW-02

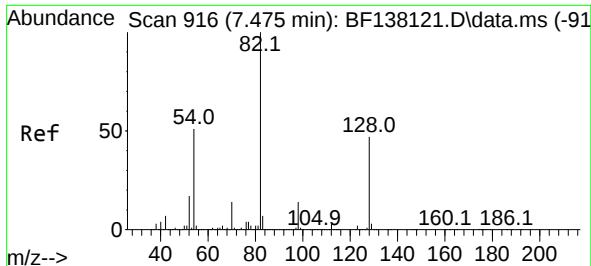
Tgt Ion: 99 Resp: 2470856
Ion Ratio Lower Upper
99 100
42 17.6 14.4 21.6
71 31.6 25.5 38.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF138165.D
Acq: 07 Jun 2024 17:35

Tgt Ion: 136 Resp: 1483443
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 7.6 6.2 9.2
68 6.1 5.2 7.8





#23

Nitrobenzene-d5

Concen: 66.952 ng

RT: 7.463 min Scan# 916

Delta R.T. -0.012 min

Lab File: BF138165.D

Acq: 07 Jun 2024 17:35

Instrument :

BNA_F

ClientSampleId :

SW-02

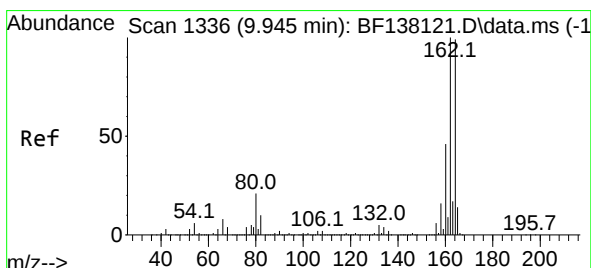
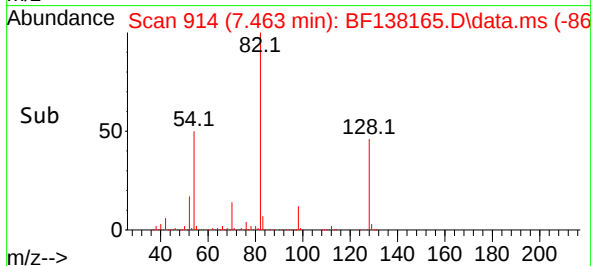
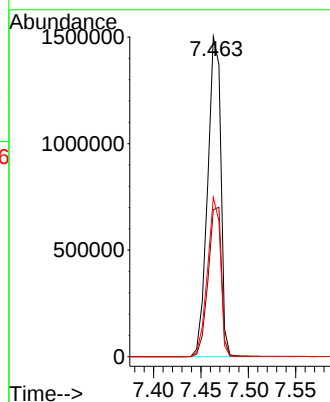
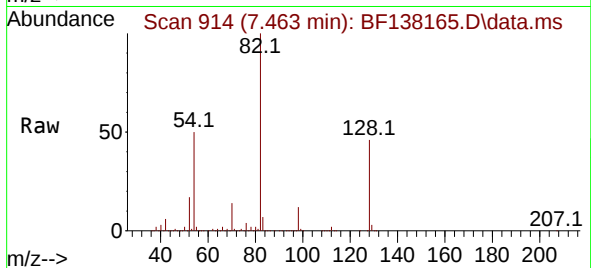
Tgt Ion: 82 Resp: 1459770

Ion Ratio Lower Upper

82 100

128 45.9 37.7 56.5

54 49.7 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: BF138165.D

Acq: 07 Jun 2024 17:35

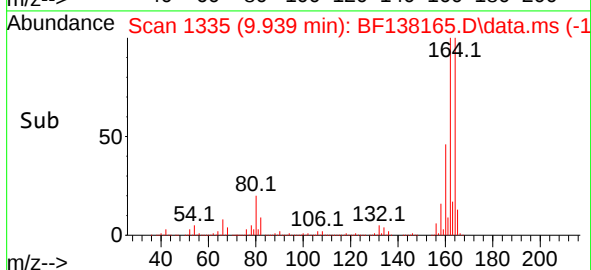
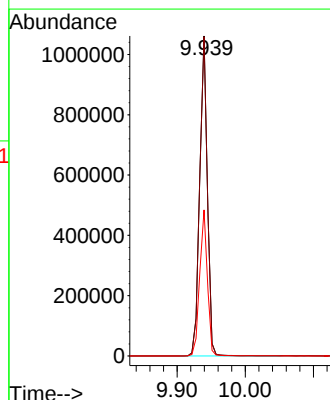
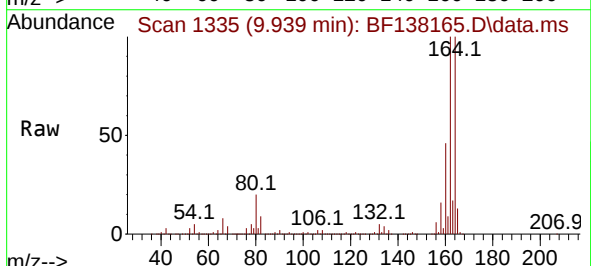
Tgt Ion:164 Resp: 828151

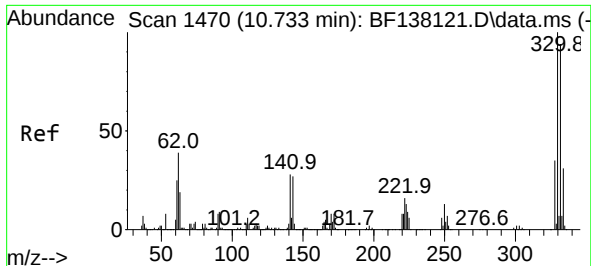
Ion Ratio Lower Upper

164 100

162 99.8 80.9 121.3

160 45.6 37.0 55.6

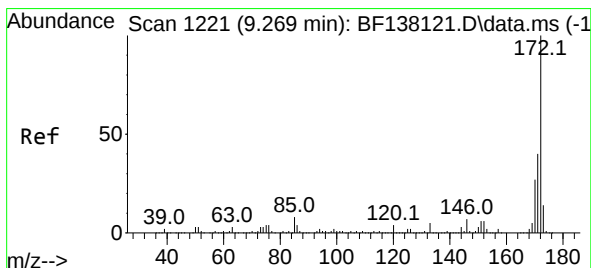
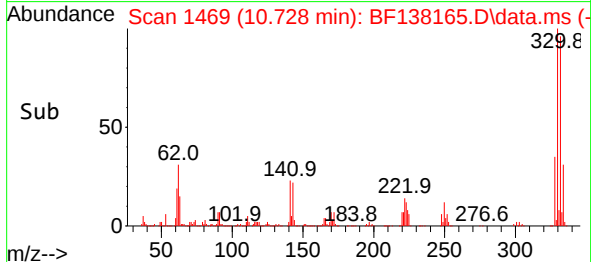
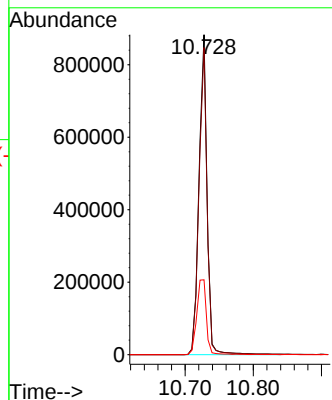
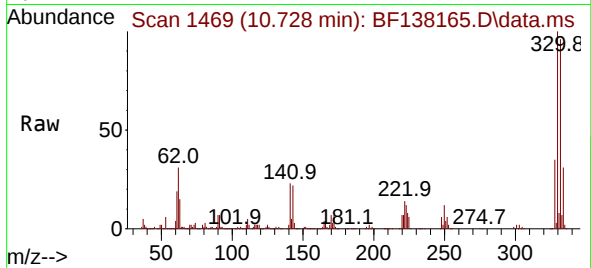




#42
2,4,6-Tribromophenol
Concen: 90.874 ng
RT: 10.728 min Scan# 1469
Delta R.T. -0.005 min
Lab File: BF138165.D
Acq: 07 Jun 2024 17:35

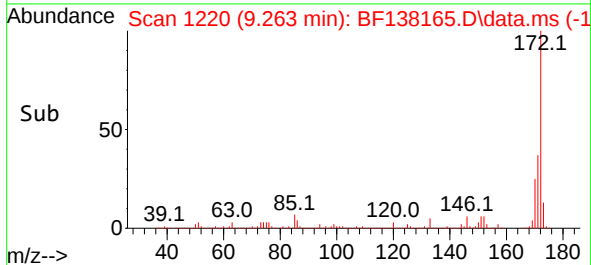
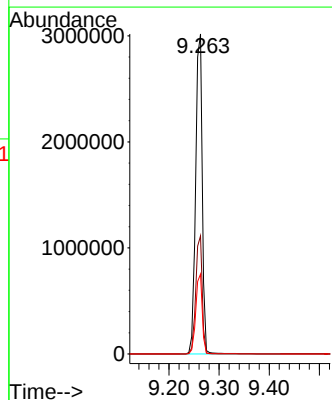
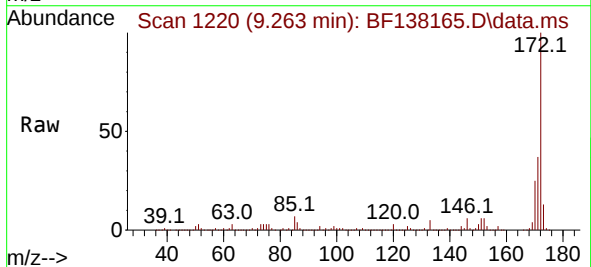
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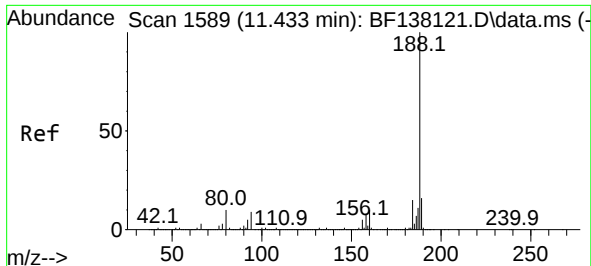
Tgt Ion:330 Resp: 724257
Ion Ratio Lower Upper
330 100
332 96.5 75.8 113.8
141 28.0 23.2 34.8



#45
2-Fluorobiphenyl
Concen: 58.257 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF138165.D
Acq: 07 Jun 2024 17:35

Tgt Ion:172 Resp: 2759192
Ion Ratio Lower Upper
172 100
171 36.9 31.6 47.4
170 25.0 21.4 32.2

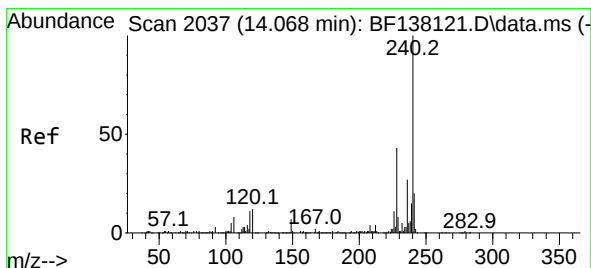
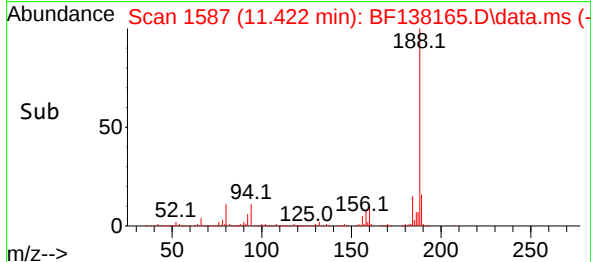
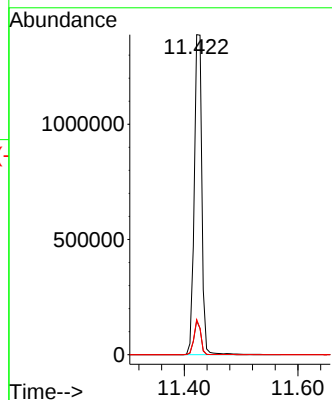
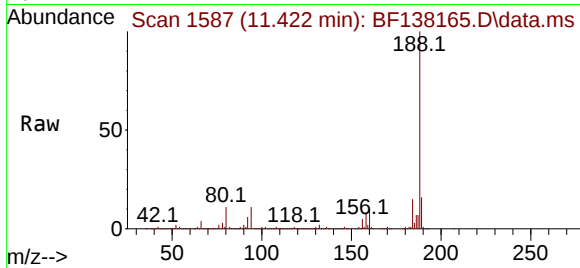




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138165.D
Acq: 07 Jun 2024 17:35

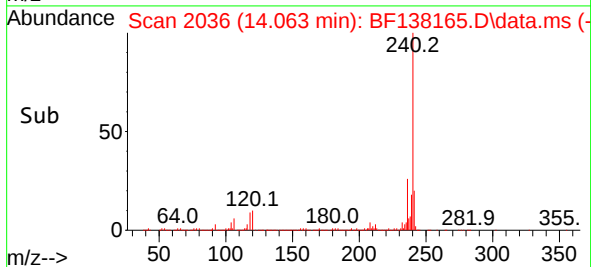
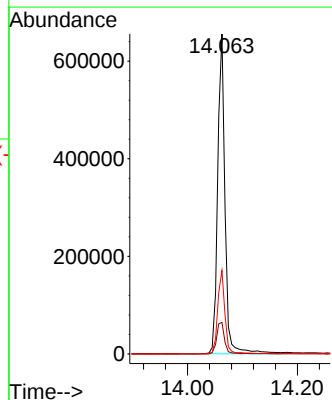
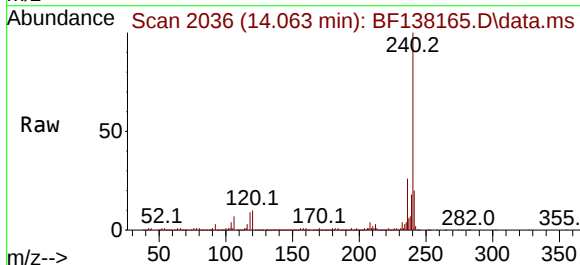
Instrument :
BNA_F
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SW-02

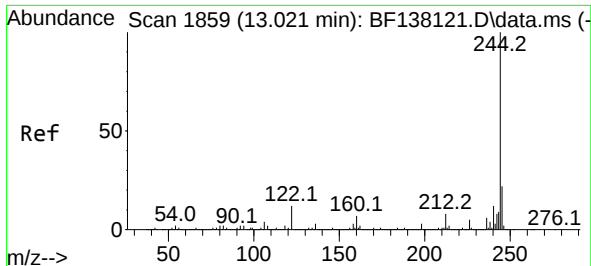
Tgt Ion:188 Resp: 1294185
Ion Ratio Lower Upper
188 100
94 10.6 7.4 11.2
80 11.0 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.005 min
Lab File: BF138165.D
Acq: 07 Jun 2024 17:35

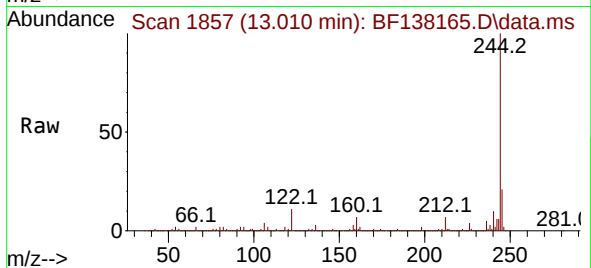
Tgt Ion:240 Resp: 610285
Ion Ratio Lower Upper
240 100
120 9.9 9.8 14.8
236 26.1 21.2 31.8



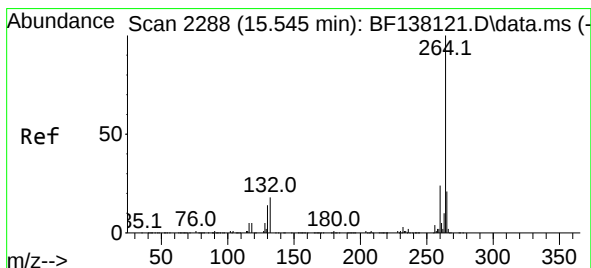
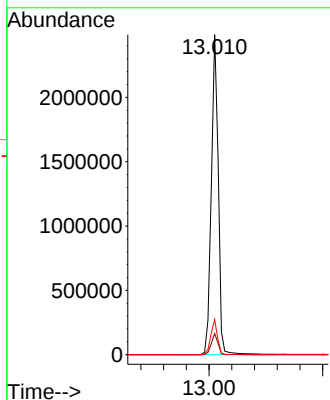
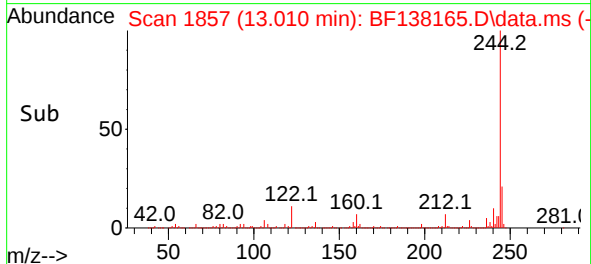


#79
 Terphenyl-d14
 Concen: 51.324 ng
 RT: 13.010 min Scan# 1857
 Delta R.T. -0.012 min
 Lab File: BF138165.D
 Acq: 07 Jun 2024 17:35

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 2094096
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.4 9.6
 122 11.0 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.006 min
 Lab File: BF138165.D
 Acq: 07 Jun 2024 17:35

Tgt Ion:264 Resp: 525583
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 22.0 17.1 25.7

