

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
 Data File : BF130108.D
 Acq On : 02 Sep 2022 13:31
 Operator : CG\JU
 Sample : N4446-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WELL-01

Quant Time: Sep 03 05:43:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	210604	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	803845	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	420869	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	696367	20.000	ng	0.00
76) Chrysene-d12	13.845	240	463630	20.000	ng	-0.01
86) Perylene-d12	15.245	264	374570	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	629691	50.759	ng	-0.01
7) Phenol-d6	6.322	99	619146	40.032	ng	-0.02
23) Nitrobenzene-d5	7.263	82	732566	58.567	ng	-0.02
42) 2,4,6-Tribromophenol	10.522	330	331031	86.407	ng	-0.01
45) 2-Fluorobiphenyl	9.057	172	1415845	55.775	ng	-0.01
79) Terphenyl-d14	12.804	244	1462033	54.685	ng	0.00

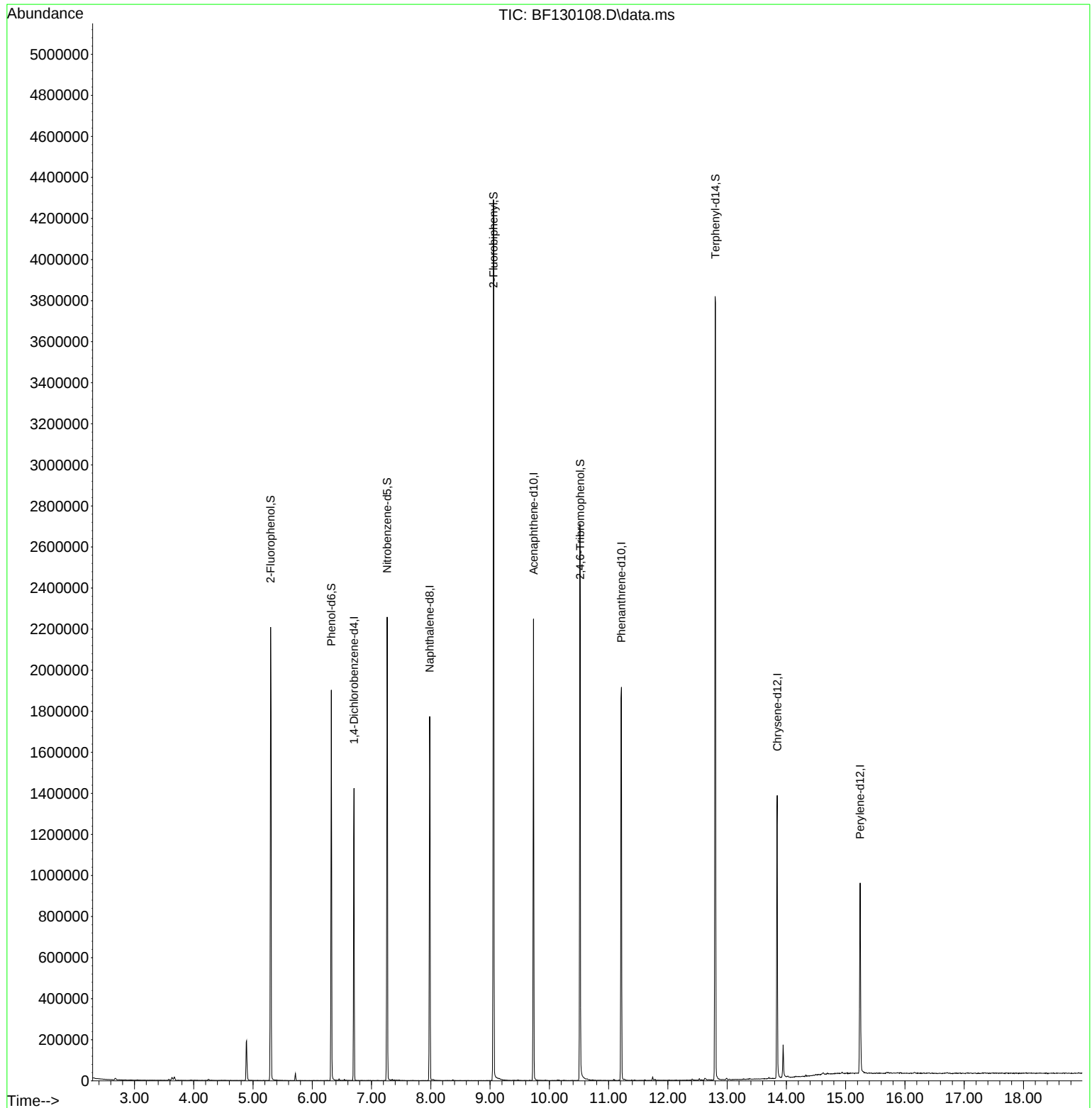
Target Compounds	Qvalue

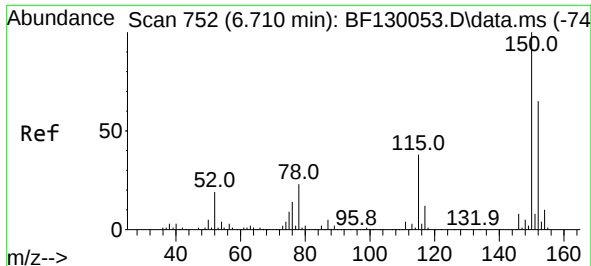
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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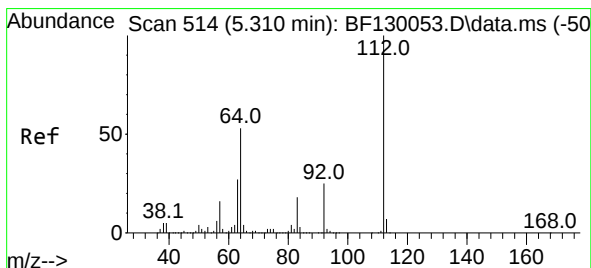
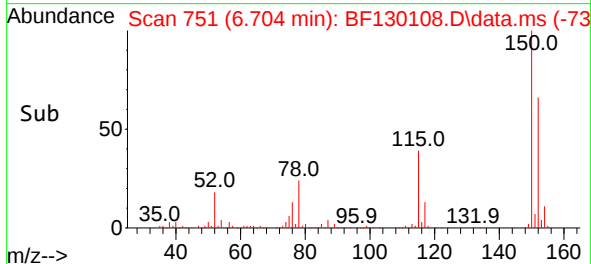
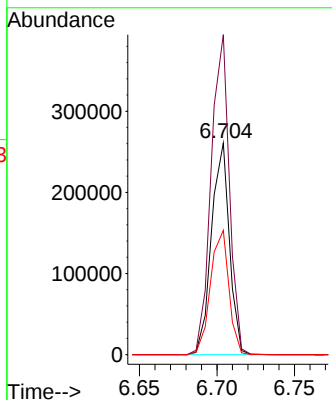
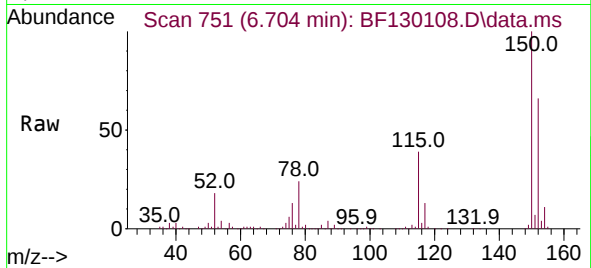




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF130108.D
Acq: 02 Sep 2022 13:31

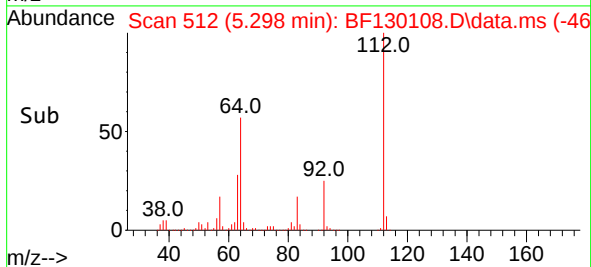
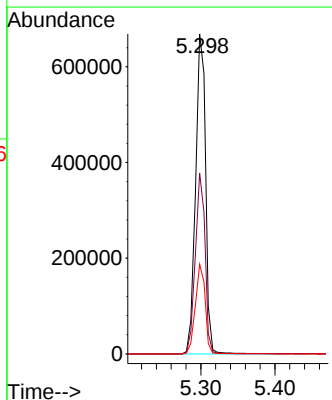
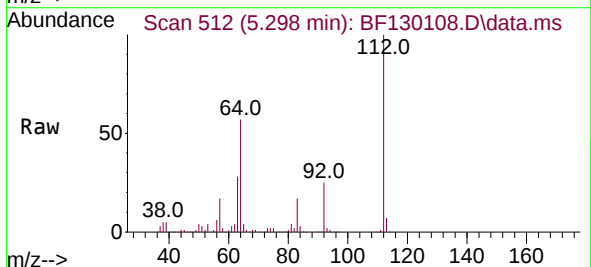
Instrument :
BNA_F
ClientSampleId :
WELL-01

Tgt Ion:152 Resp: 210604
Ion Ratio Lower Upper
152 100
150 151.2 126.9 190.3
115 58.7 53.4 80.0



#5
2-Fluorophenol
Concen: 50.759 ng
RT: 5.298 min Scan# 512
Delta R.T. -0.012 min
Lab File: BF130108.D
Acq: 02 Sep 2022 13:31

Tgt Ion:112 Resp: 629691
Ion Ratio Lower Upper
112 100
64 56.5 47.6 71.4
63 28.0 24.6 37.0

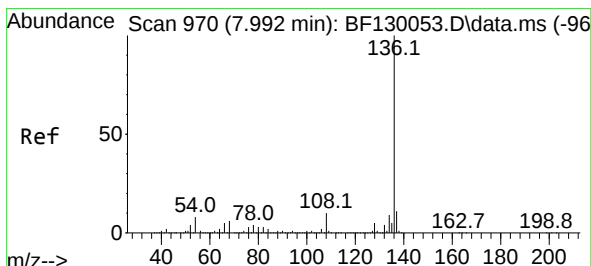
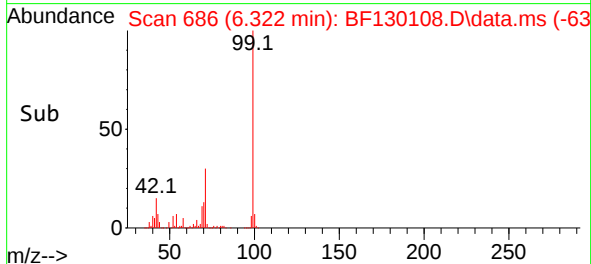
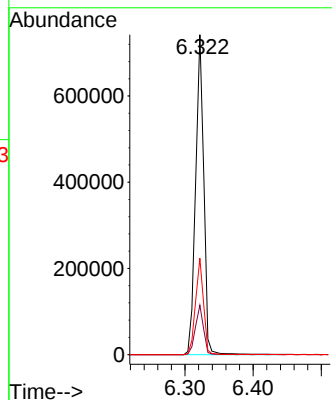
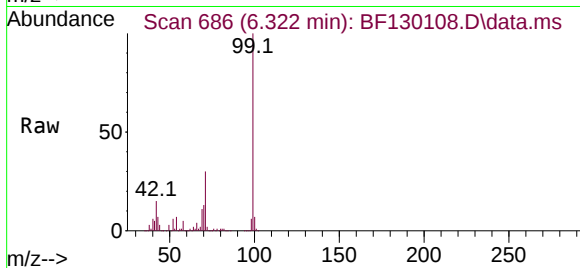




#7
Phenol-d6
Concen: 40.032 ng
RT: 6.322 min Scan# 68
Delta R.T. -0.024 min
Lab File: BF130108.D
Acq: 02 Sep 2022 13:31

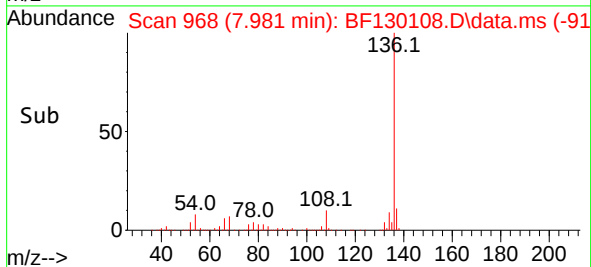
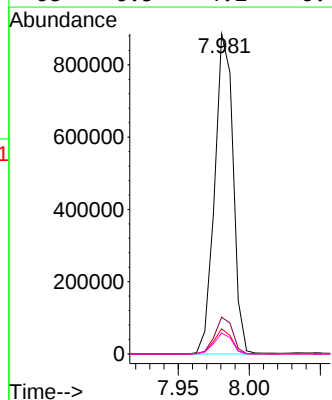
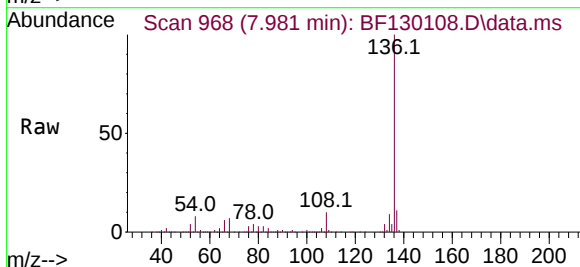
Instrument :
BNA_F
ClientSampleId :
WELL-01

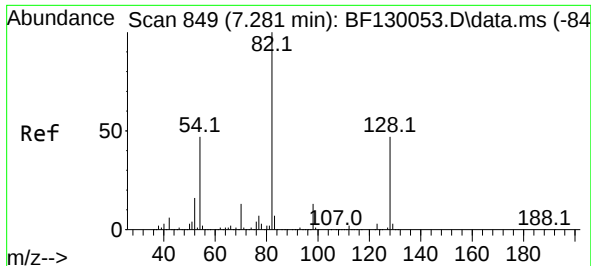
Tgt Ion: 99 Resp: 619146
Ion Ratio Lower Upper
99 100
42 15.4 15.0 22.4
71 30.1 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 968
Delta R.T. -0.011 min
Lab File: BF130108.D
Acq: 02 Sep 2022 13:31

Tgt Ion: 136 Resp: 803845
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 7.8 6.2 9.2
68 6.5 4.2 6.4





#23

Nitrobenzene-d5

Concen: 58.567 ng

RT: 7.263 min Scan# 84

Delta R.T. -0.018 min

Lab File: BF130108.D

Acq: 02 Sep 2022 13:31

Instrument :

BNA_F

ClientSampleId :

WELL-01

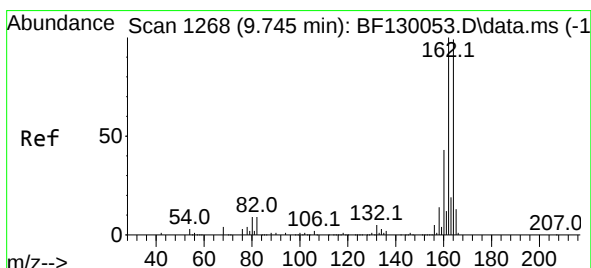
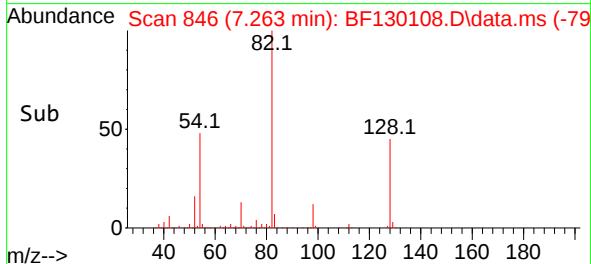
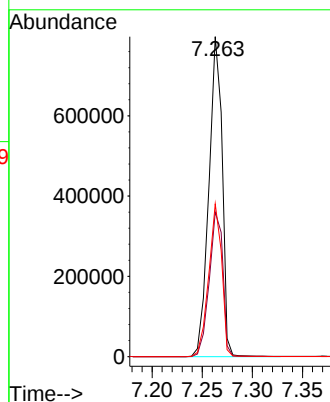
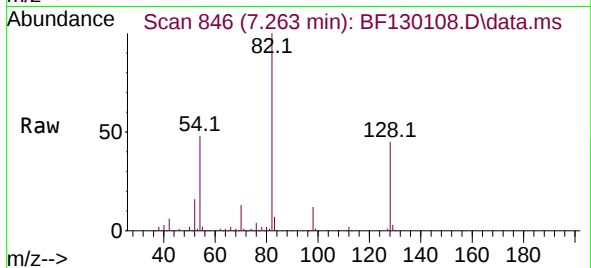
Tgt Ion: 82 Resp: 732566

Ion Ratio Lower Upper

82 100

128 45.2 36.1 54.1

54 47.7 40.0 60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.733 min Scan# 1266

Delta R.T. -0.012 min

Lab File: BF130108.D

Acq: 02 Sep 2022 13:31

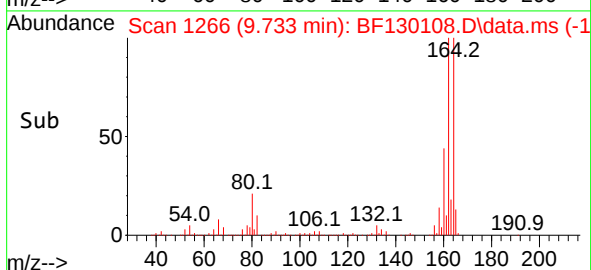
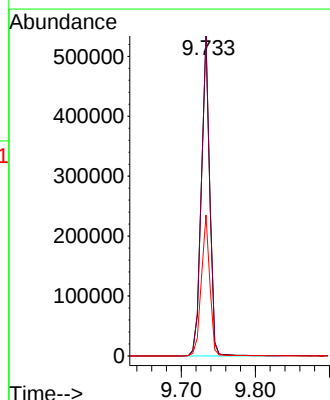
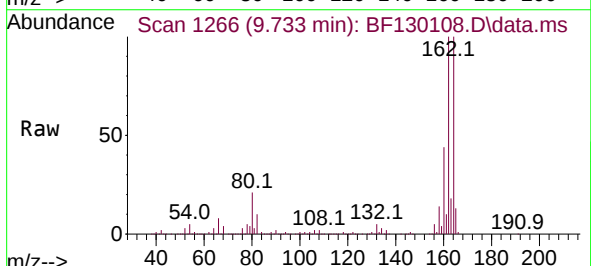
Tgt Ion: 164 Resp: 420869

Ion Ratio Lower Upper

164 100

162 99.9 82.0 123.0

160 44.0 35.4 53.0

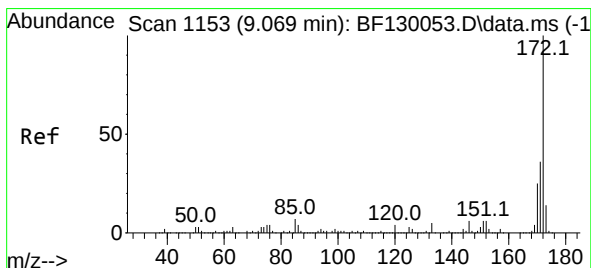
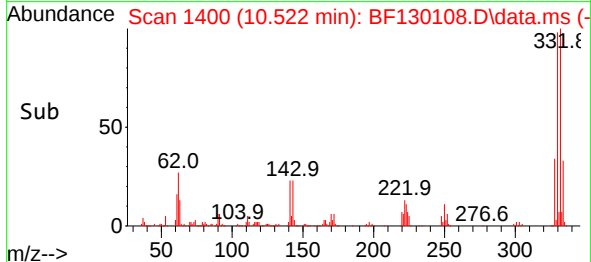
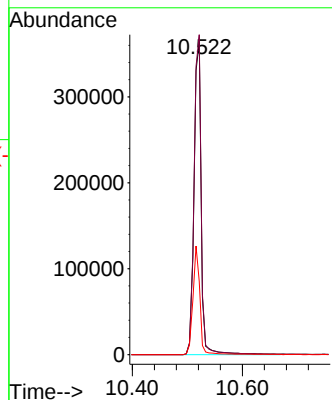
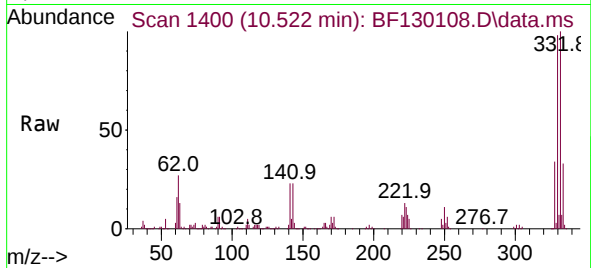




#42
2,4,6-Tribromophenol
Concen: 86.407 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF130108.D
Acq: 02 Sep 2022 13:31

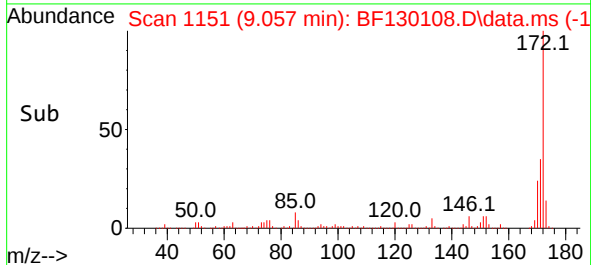
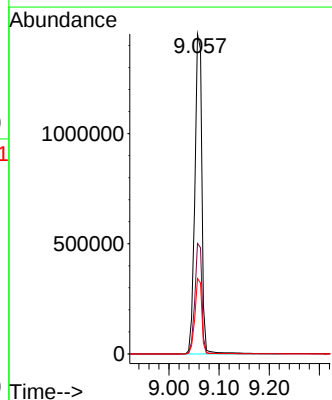
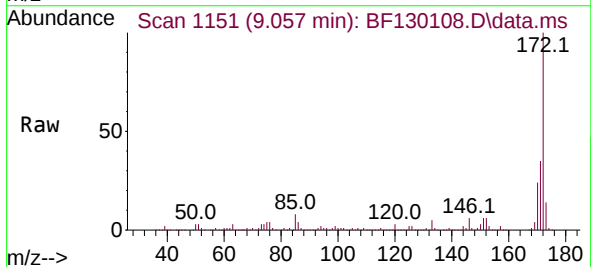
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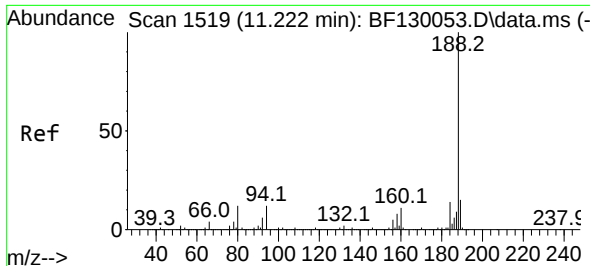
Tgt Ion:330 Resp: 331031
Ion Ratio Lower Upper
330 100
332 102.5 82.6 124.0
141 33.2 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 55.775 ng
RT: 9.057 min Scan# 1151
Delta R.T. -0.012 min
Lab File: BF130108.D
Acq: 02 Sep 2022 13:31

Tgt Ion:172 Resp: 1415845
Ion Ratio Lower Upper
172 100
171 34.5 28.4 42.6
170 23.5 19.1 28.7

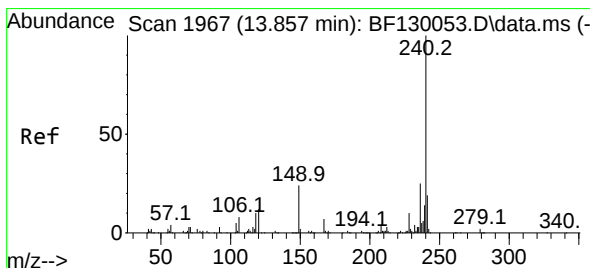
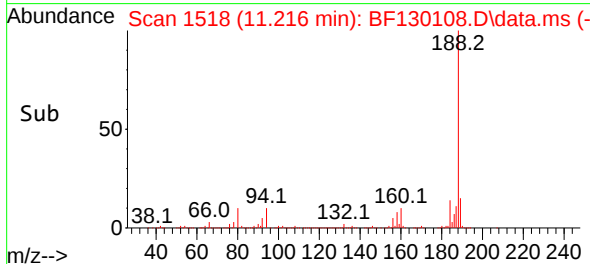
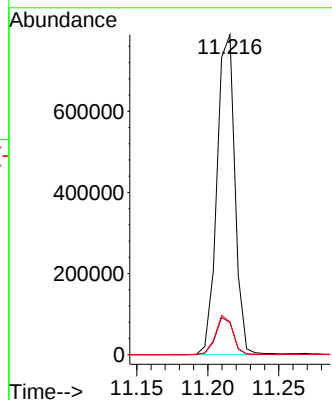
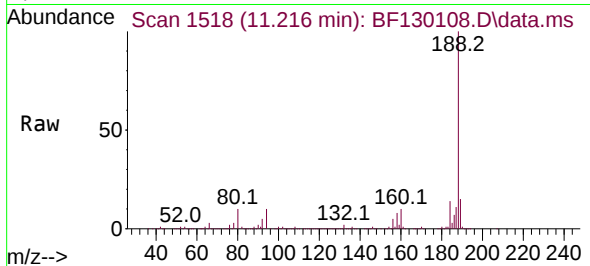




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130108.D
Acq: 02 Sep 2022 13:31

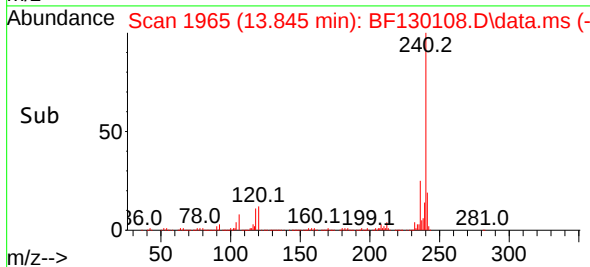
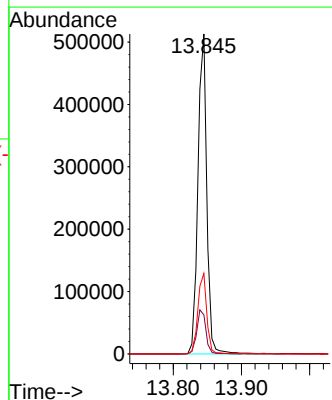
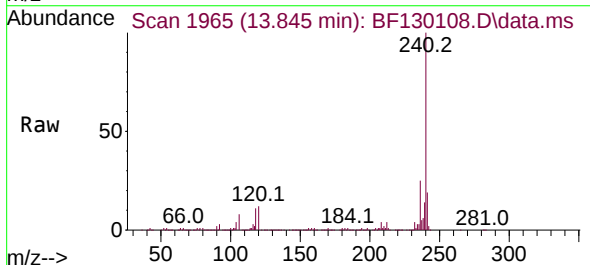
Instrument :
BNA_F
ClientSampleId :
WELL-01

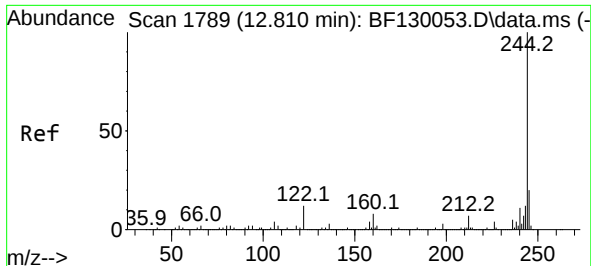
Tgt Ion:188 Resp: 696367
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 10.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.845 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BF130108.D
Acq: 02 Sep 2022 13:31

Tgt Ion:240 Resp: 463630
Ion Ratio Lower Upper
240 100
120 12.2 9.2 13.8
236 25.1 20.7 31.1

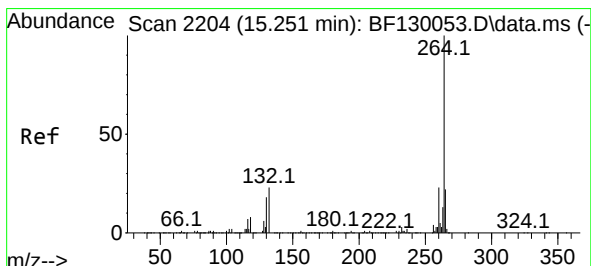
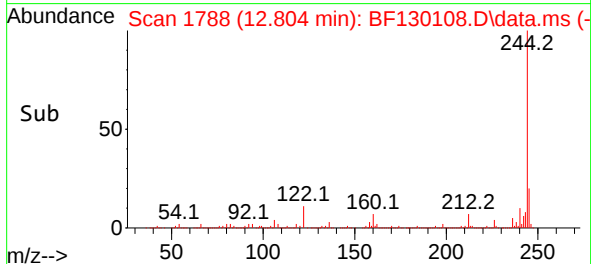
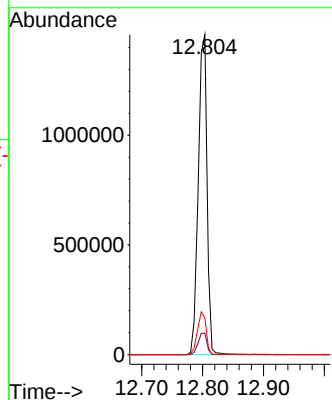
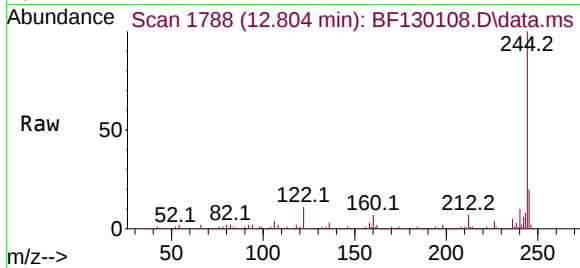




#79
 Terphenyl-d14
 Concen: 54.685 ng
 RT: 12.804 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130108.D
 Acq: 02 Sep 2022 13:31

Instrument :
 BNA_F
 ClientSampleId :
 WELL-01

Tgt Ion:244 Resp: 1462033
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 11.5 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.245 min Scan# 2203
 Delta R.T. -0.006 min
 Lab File: BF130108.D
 Acq: 02 Sep 2022 13:31

Tgt Ion:264 Resp: 374570
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.1 28.7
 265 21.4 16.7 25.1

