

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072223\
 Data File : BF134418.D
 Acq On : 22 Jul 2023 12:51
 Operator : CG\JU
 Sample : 03668-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SLUDGE-DRUM

Quant Time: Jul 22 13:55:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

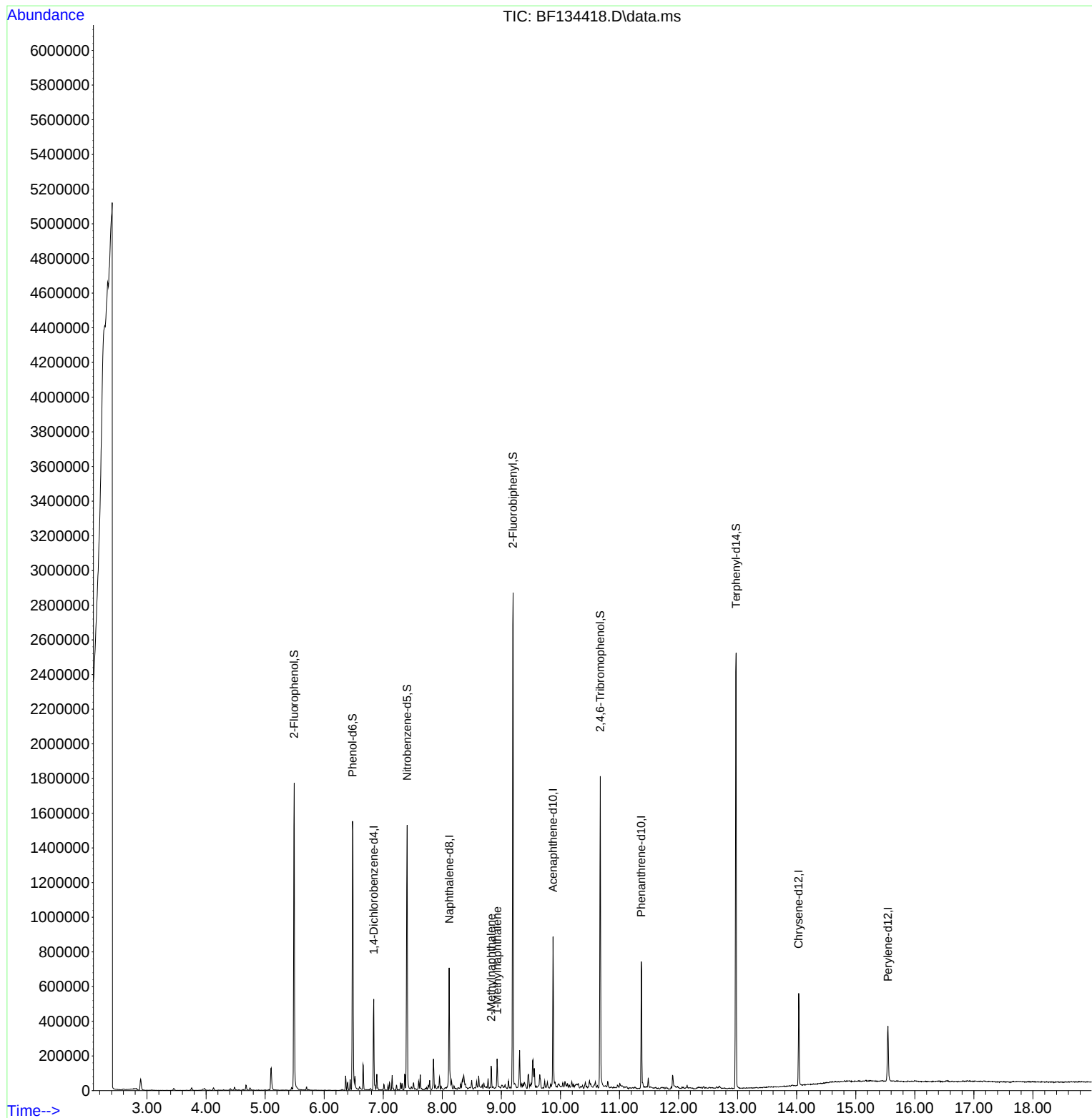
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	74165	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	282562	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	150242	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	274986	20.000	ng	0.00
76) Chrysene-d12	14.033	240	182056	20.000	ng	0.00
86) Perylene-d12	15.545	264	160431	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	468956	105.772	ng	0.02
7) Phenol-d6	6.481	99	561981	103.068	ng	0.00
23) Nitrobenzene-d5	7.404	82	465501	88.805	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	232866	123.619	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	893530	86.467	ng	0.00
79) Terphenyl-d14	12.974	244	945674	83.600	ng	0.00
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	8.828	142	32704	3.388	ng	99
38) 1-Methylnaphthalene	8.928	142	35143	3.917	ng	97

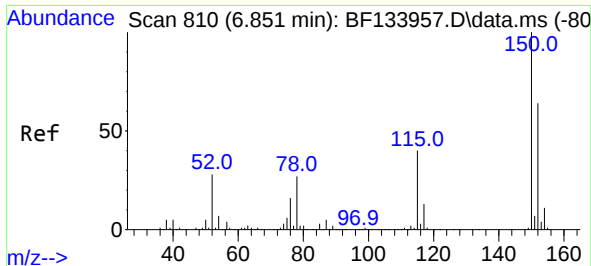
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072223\
Data File : BF134418.D
Acq On : 22 Jul 2023 12:51
Operator : CG\JU
Sample : 03668-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUM

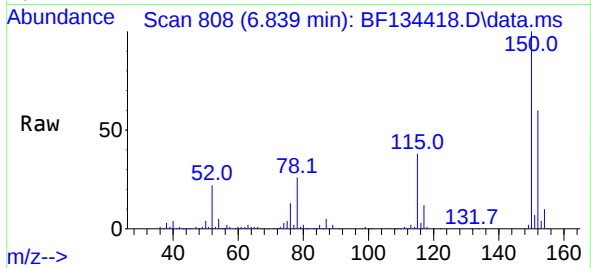
Quant Time: Jul 22 13:55:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 14 22:51:27 2023
Response via : Initial Calibration



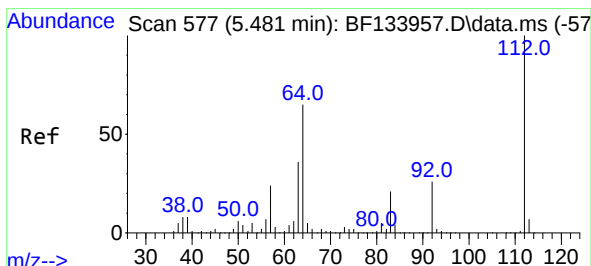
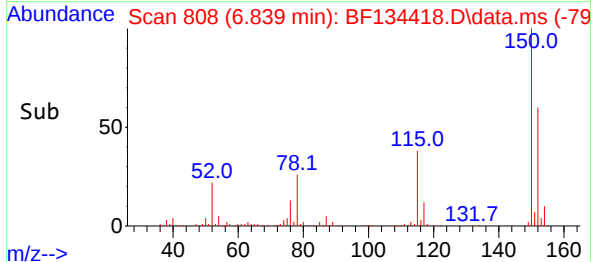
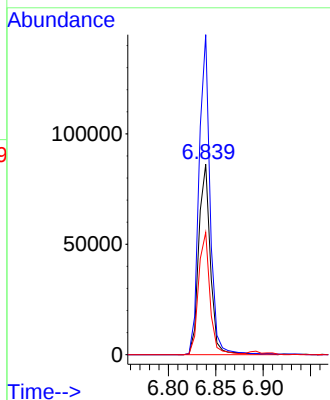


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134418.D
Acq: 22 Jul 2023 12:51

Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUM

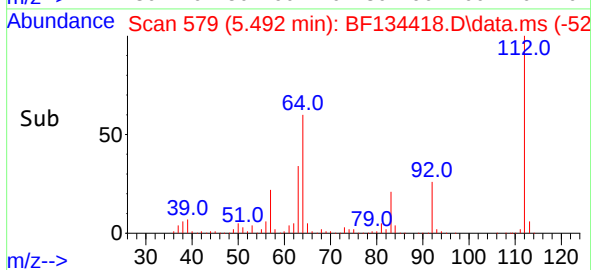
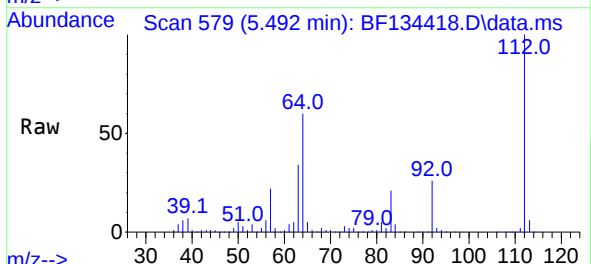
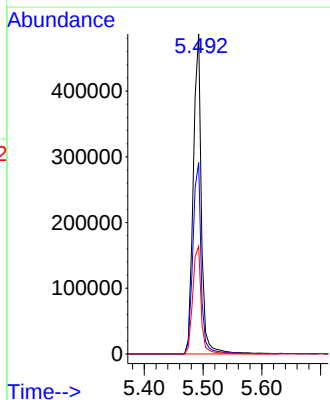


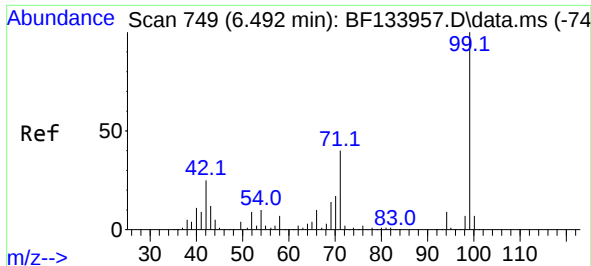
Tgt Ion:152 Resp: 74165
Ion Ratio Lower Upper
152 100
150 168.1 124.5 186.7
115 64.2 50.2 75.2



#5
2-Fluorophenol
Concen: 105.772 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.024 min
Lab File: BF134418.D
Acq: 22 Jul 2023 12:51

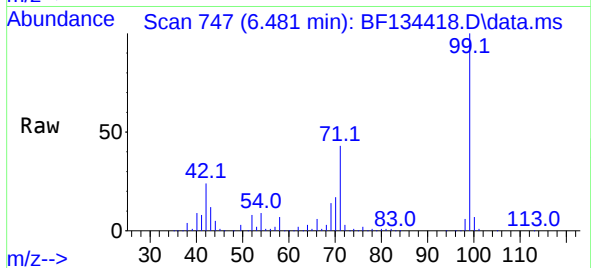
Tgt Ion:112 Resp: 468956
Ion Ratio Lower Upper
112 100
64 59.8 52.1 78.1
63 33.7 28.6 42.8



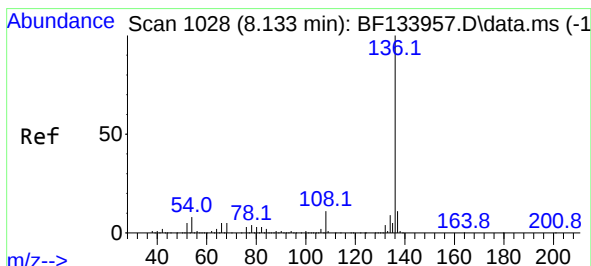
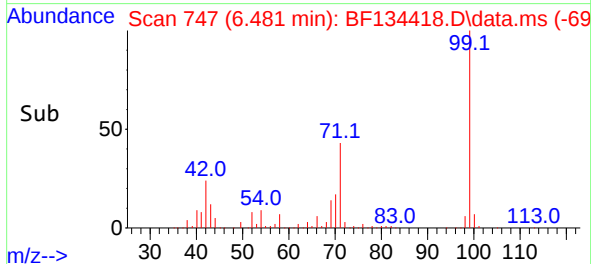
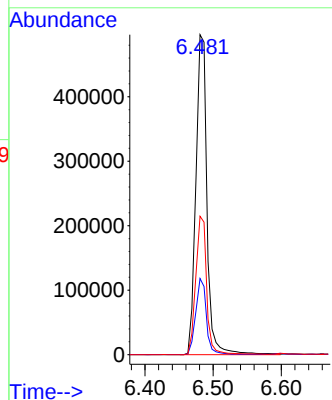


#7
Phenol-d6
Concen: 103.068 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134418.D
Acq: 22 Jul 2023 12:51

Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUM

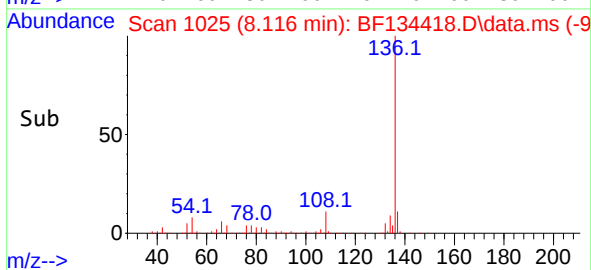
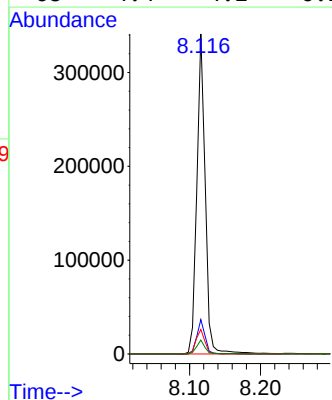
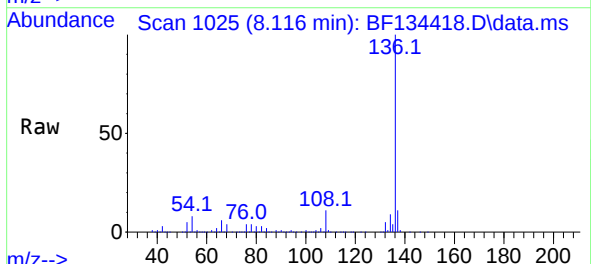


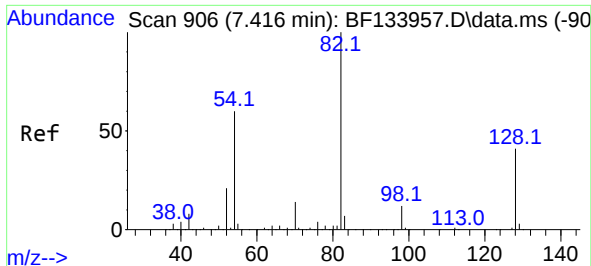
Tgt Ion: 99 Resp: 561981
Ion Ratio Lower Upper
99 100
42 23.8 19.8 29.6
71 43.2 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134418.D
Acq: 22 Jul 2023 12:51

Tgt Ion:136 Resp: 282562
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.7 6.5 9.7
68 4.4 4.2 6.2





#23

Nitrobenzene-d5

Concen: 88.805 ng

RT: 7.404 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF134418.D

Acq: 22 Jul 2023 12:51

Instrument :

BNA_F

ClientSampleId :

SLUDGE-DRUM

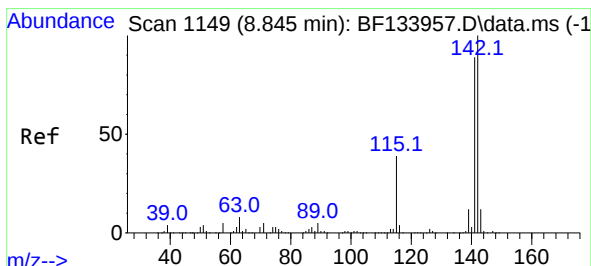
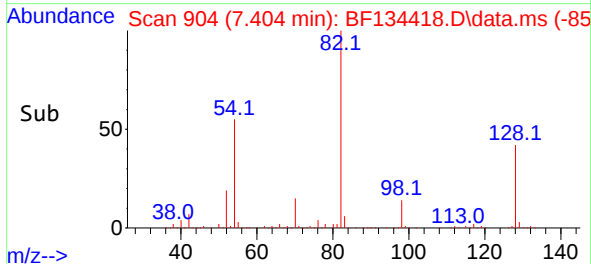
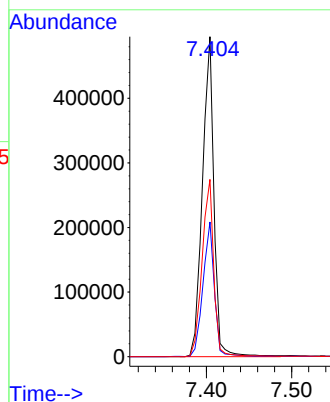
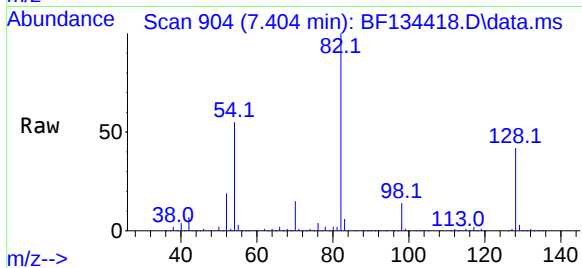
Tgt Ion: 82 Resp: 465501

Ion Ratio Lower Upper

82 100

128 42.1 32.5 48.7

54 55.4 48.2 72.2



#37

2-Methylnaphthalene

Concen: 3.388 ng

RT: 8.828 min Scan# 1146

Delta R.T. -0.012 min

Lab File: BF134418.D

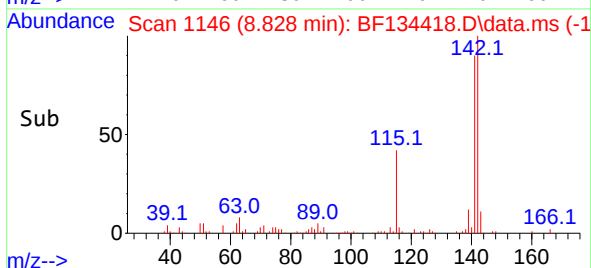
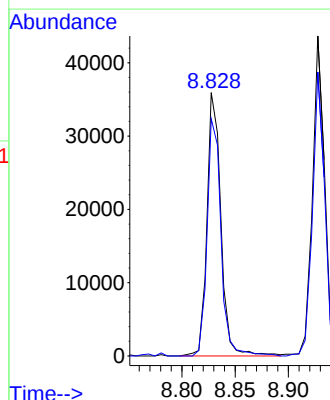
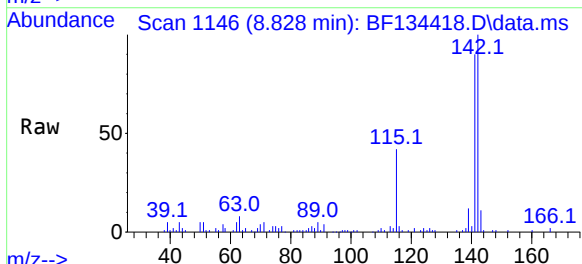
Acq: 22 Jul 2023 12:51

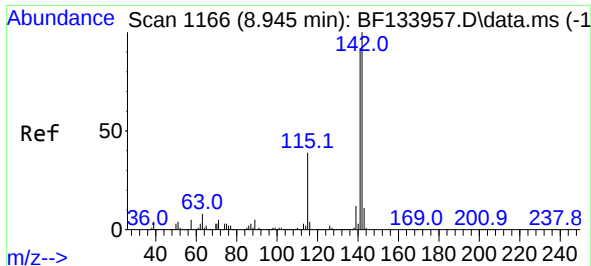
Tgt Ion: 142 Resp: 32704

Ion Ratio Lower Upper

142 100

141 90.1 71.0 106.4

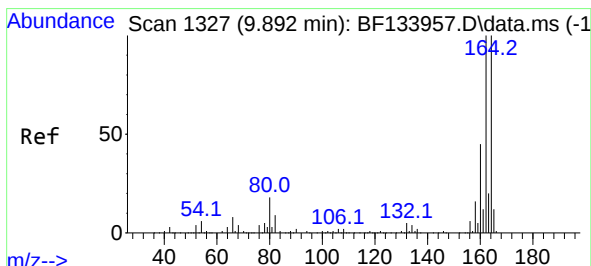
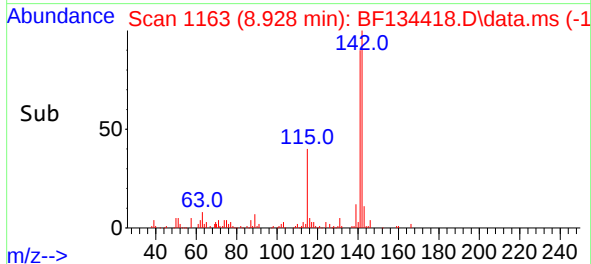
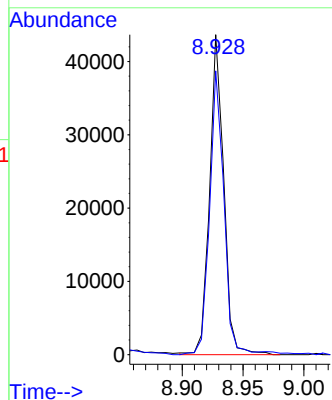
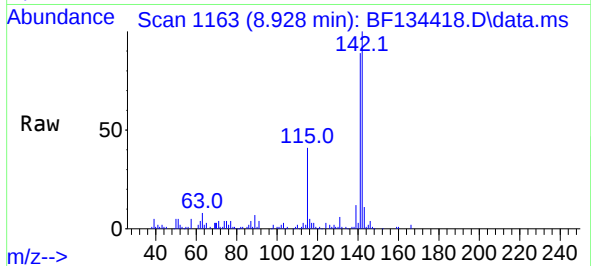




#38
1-Methylnaphthalene
Concen: 3.917 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.012 min
Lab File: BF134418.D
Acq: 22 Jul 2023 12:51

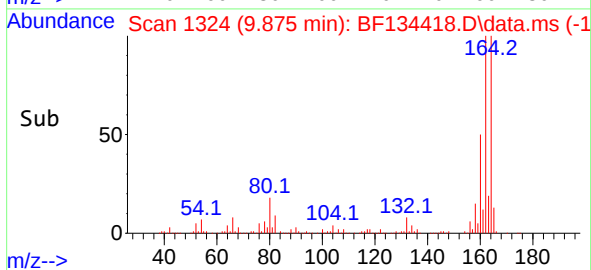
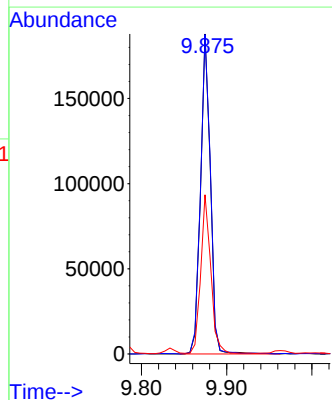
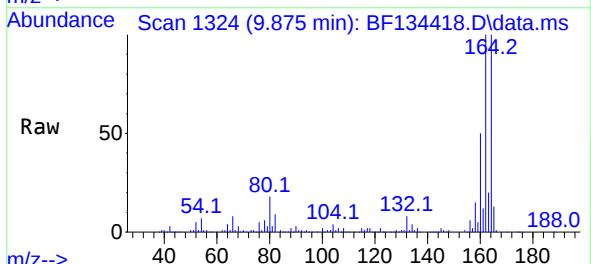
Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUM

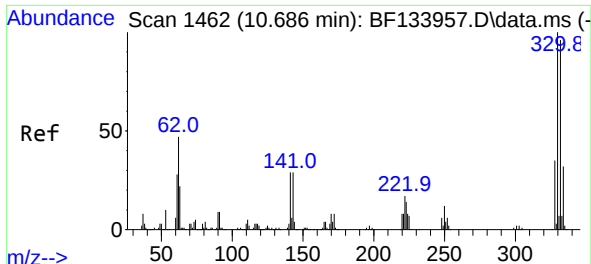
Tgt Ion:142 Resp: 35143
Ion Ratio Lower Upper
142 100
141 88.7 73.5 110.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF134418.D
Acq: 22 Jul 2023 12:51

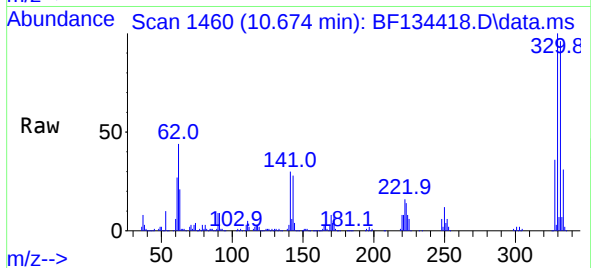
Tgt Ion:164 Resp: 150242
Ion Ratio Lower Upper
164 100
162 99.9 80.0 120.0
160 49.7 35.9 53.9



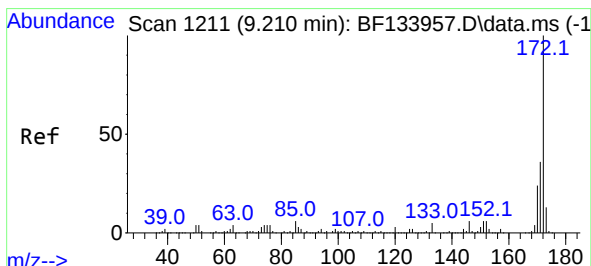
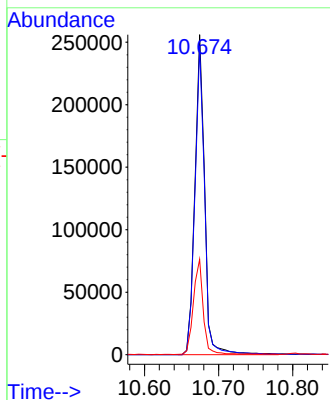
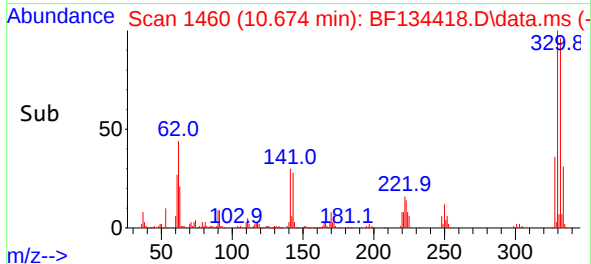


#42
2,4,6-Tribromophenol
Concen: 123.619 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134418.D
Acq: 22 Jul 2023 12:51

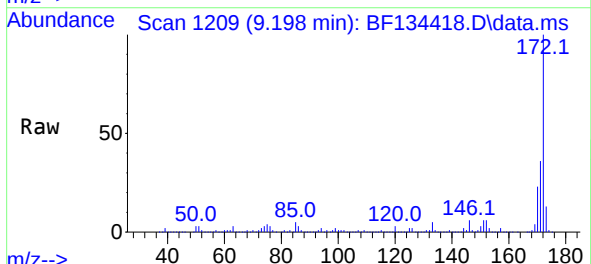
Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUM



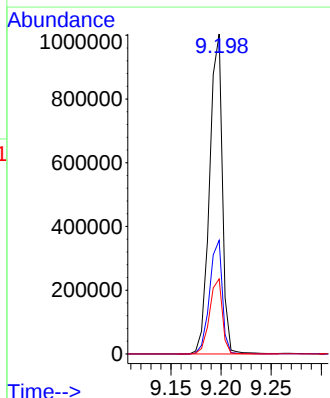
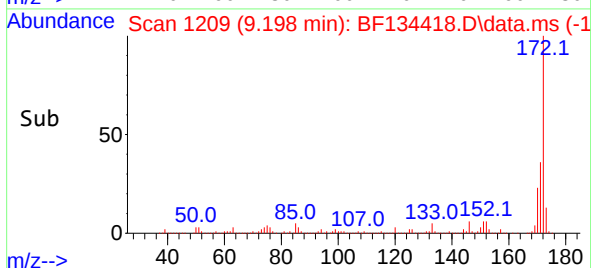
Tgt Ion:330 Resp: 232866
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 30.2 26.3 39.5

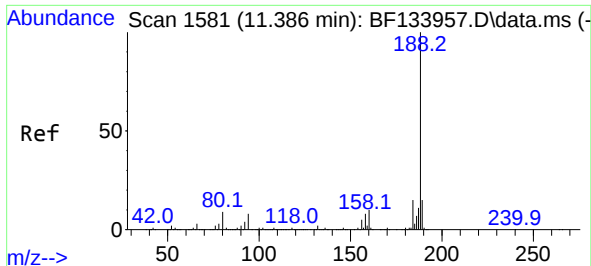


#45
2-Fluorobiphenyl
Concen: 86.467 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF134418.D
Acq: 22 Jul 2023 12:51



Tgt Ion:172 Resp: 893530
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.4 19.4 29.0

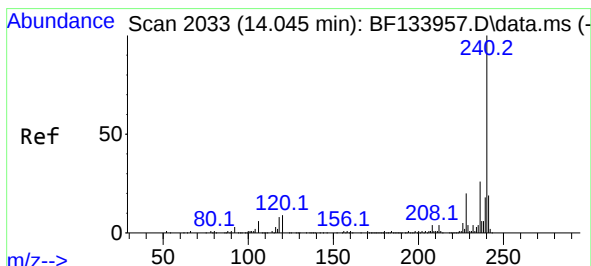
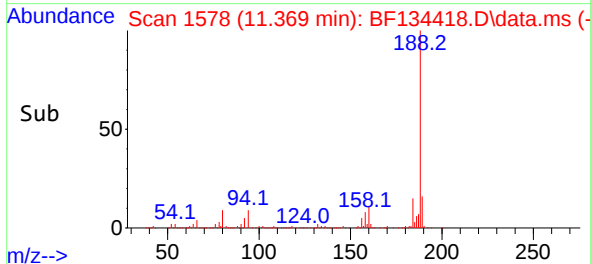
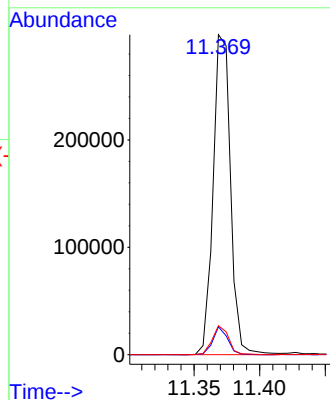
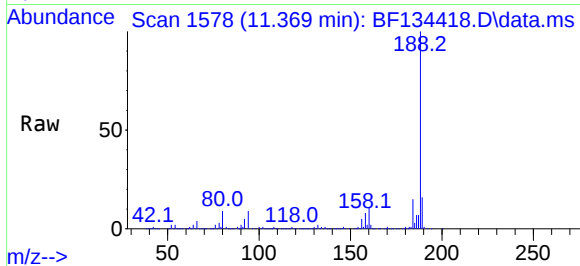




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134418.D
Acq: 22 Jul 2023 12:51

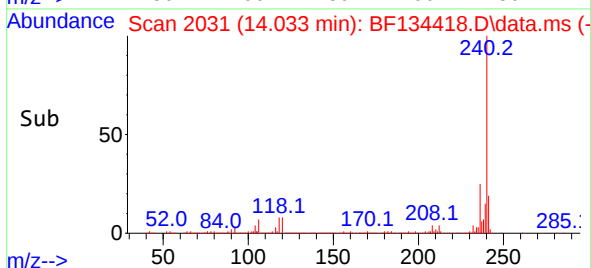
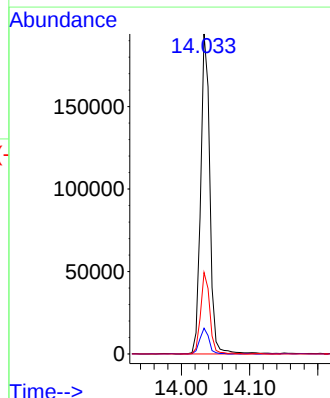
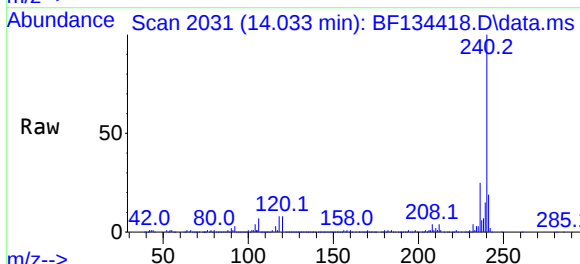
Instrument :
BNA_F
ClientSampleId :
SLUDGE-DRUM

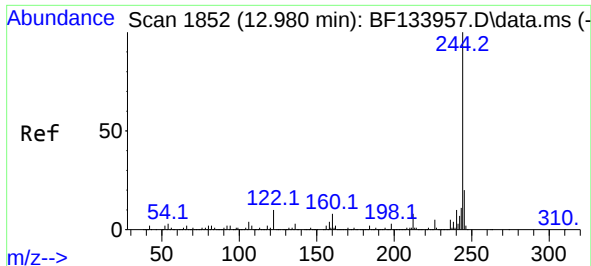
Tgt Ion:188 Resp: 274986
Ion Ratio Lower Upper
188 100
94 8.7 6.4 9.6
80 9.1 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134418.D
Acq: 22 Jul 2023 12:51

Tgt Ion:240 Resp: 182056
Ion Ratio Lower Upper
240 100
120 8.1 7.4 11.0
236 25.4 21.0 31.6

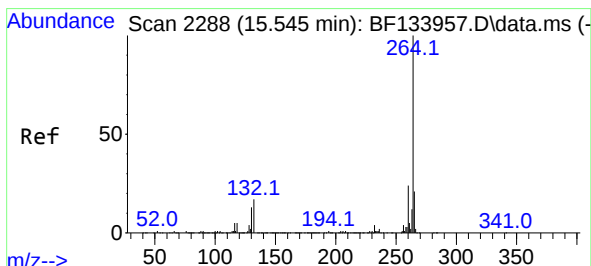
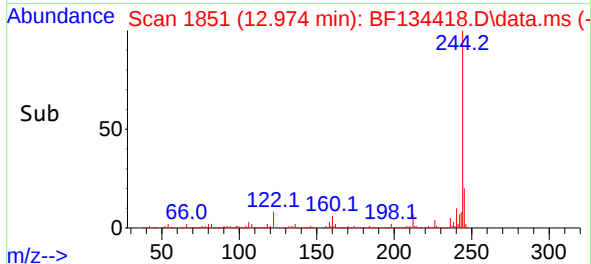
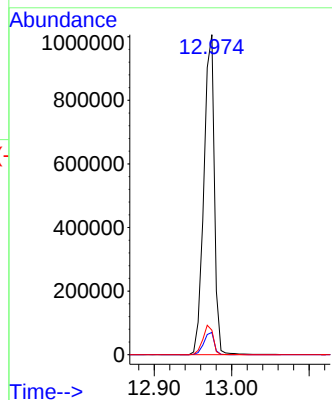
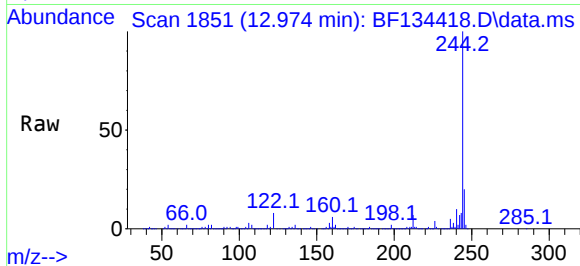




#79
 Terphenyl-d14
 Concen: 83.600 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: BF134418.D
 Acq: 22 Jul 2023 12:51

Instrument :
 BNA_F
 ClientSampleId :
 SLUDGE-DRUM

Tgt Ion:244 Resp: 945674
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 7.6 8.3 12.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. 0.000 min
 Lab File: BF134418.D
 Acq: 22 Jul 2023 12:51

Tgt Ion:264 Resp: 160431
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.5 29.3
 265 21.4 16.6 25.0

