

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082622\
 Data File : BF130018.D
 Acq On : 26 Aug 2022 14:30
 Operator : CG\JU
 Sample : N4354-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-25

Quant Time: Aug 27 06:07:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 14:45:09 2022
 Response via : Initial Calibration

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

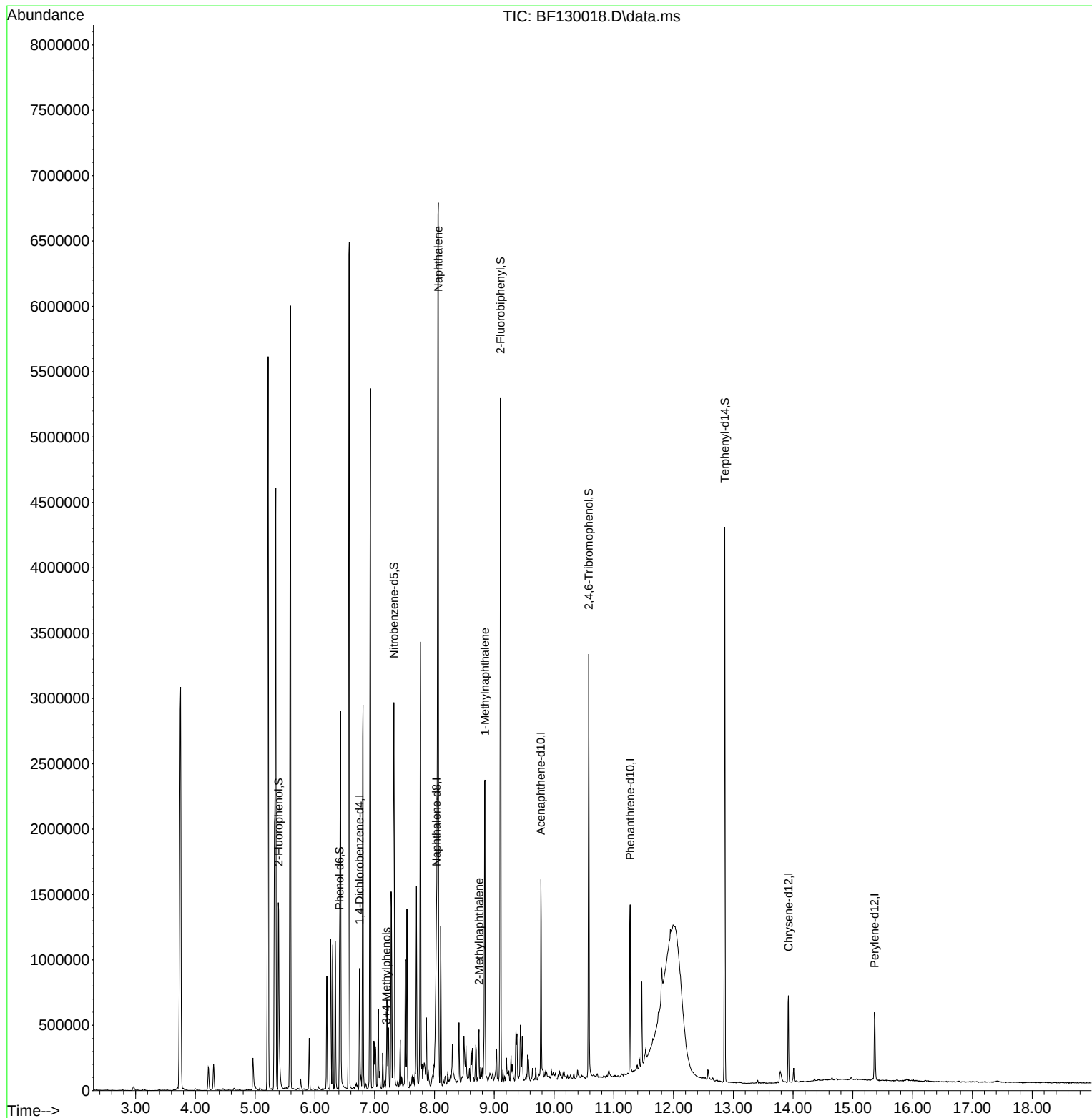
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	130013	20.000	ng	-0.01
21) Naphthalene-d8	8.033	136	535656	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	283418	20.000	ng	-0.01
64) Phenanthrene-d10	11.274	188	451621	20.000	ng	0.00
76) Chrysene-d12	13.921	240	223853	20.000	ng	0.00
86) Perylene-d12	15.362	264	227885	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	498743	63.514	ng	0.00
7) Phenol-d6	6.410	99	389063	39.565	ng	-0.01
23) Nitrobenzene-d5	7.322	82	862240	86.170	ng	-0.01
42) 2,4,6-Tribromophenol	10.580	330	370457	130.235	ng	0.00
45) 2-Fluorobiphenyl	9.104	172	1589329	85.170	ng	-0.01
79) Terphenyl-d14	12.857	244	1332277	99.030	ng	0.00
Target Compounds						
						Qvalue
20) 3+4-Methylphenols	7.192	107	31437	3.337	ng	87
31) Naphthalene	8.063	128	3568039	127.396	ng	98
37) 2-Methylnaphthalene	8.745	142	76256	4.148	ng	99
38) 1-Methylnaphthalene	8.845	142	590501	33.054	ng	99

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

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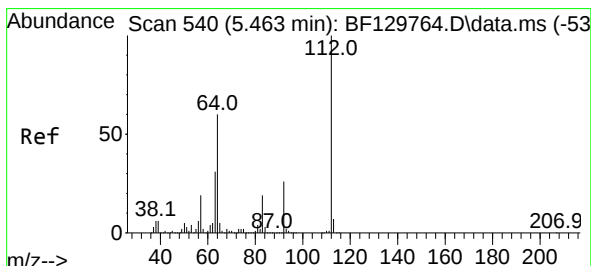
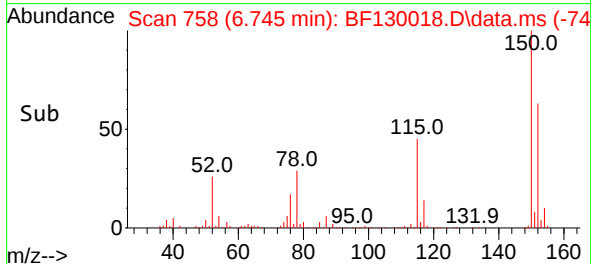
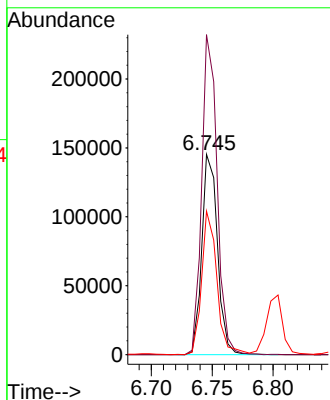
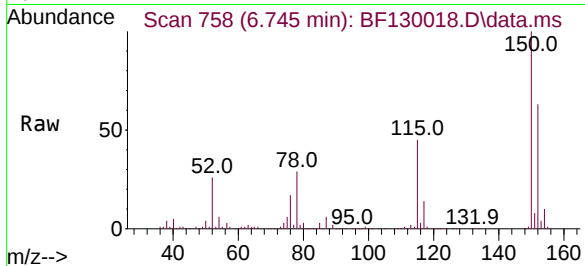




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.745 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BF130018.D
 Acq: 26 Aug 2022 14:30

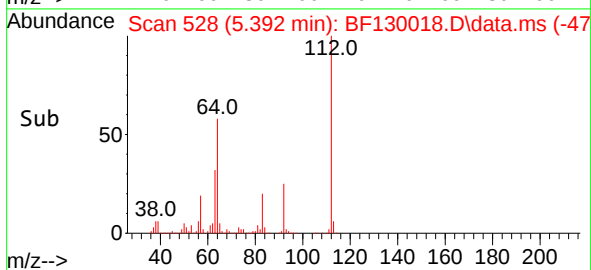
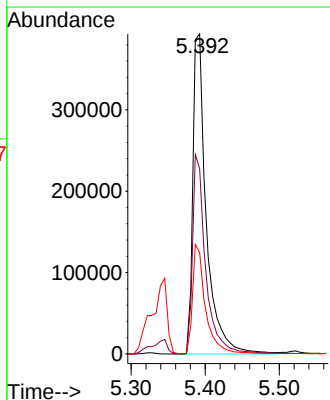
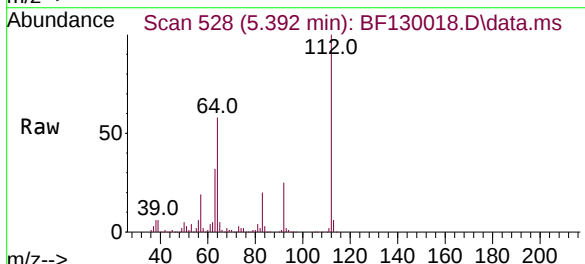
Instrument :
 BNA_F
 ClientSampleId :
 MW-25

Tgt Ion:152 Resp: 130013
 Ion Ratio Lower Upper
 152 100
 150 159.8 126.9 190.3
 115 71.6 53.4 80.0



#5
 2-Fluorophenol
 Concen: 63.514 ng
 RT: 5.392 min Scan# 528
 Delta R.T. -0.000 min
 Lab File: BF130018.D
 Acq: 26 Aug 2022 14:30

Tgt Ion:112 Resp: 498743
 Ion Ratio Lower Upper
 112 100
 64 57.9 47.6 71.4
 63 31.7 24.6 37.0

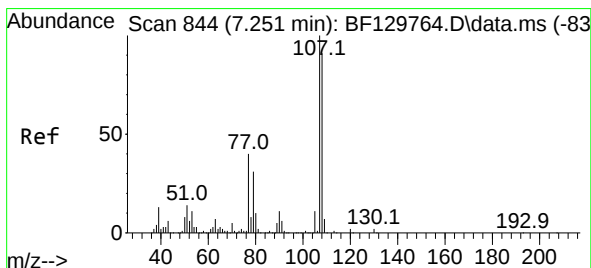
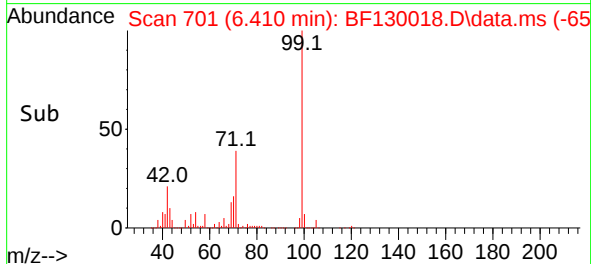
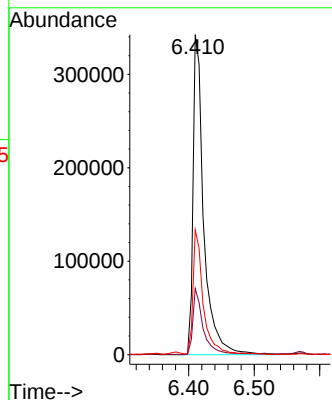
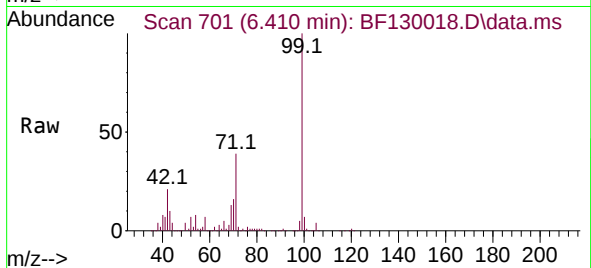




#7
Phenol-d6
Concen: 39.565 ng
RT: 6.410 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF130018.D
Acq: 26 Aug 2022 14:30

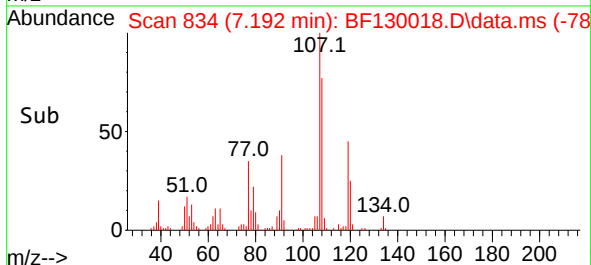
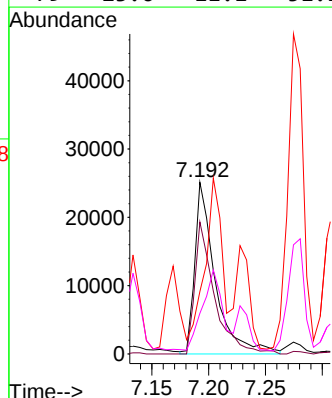
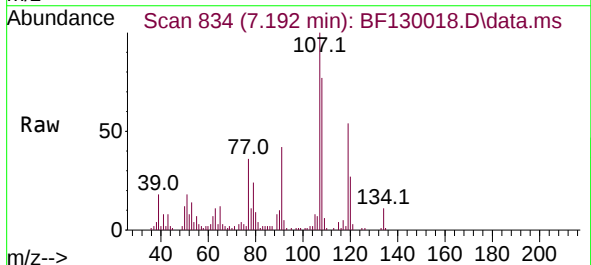
Instrument :
BNA_F
ClientSampleId :
MW-25

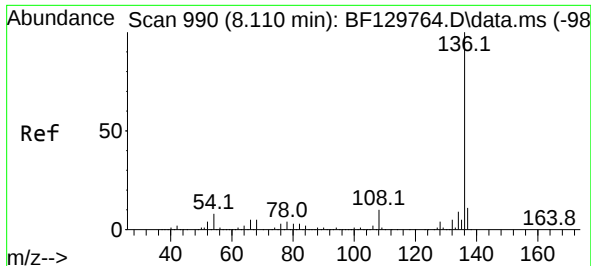
Tgt Ion: 99 Resp: 389063
Ion Ratio Lower Upper
99 100
42 20.7 15.0 22.4
71 39.0 28.8 43.2



#20
3+4-Methylphenols
Concen: 3.337 ng
RT: 7.192 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF130018.D
Acq: 26 Aug 2022 14:30

Tgt Ion: 107 Resp: 31437
Ion Ratio Lower Upper
107 100
108 76.9 71.3 111.3
77 36.3 20.4 60.4
79 23.6 11.1 51.1

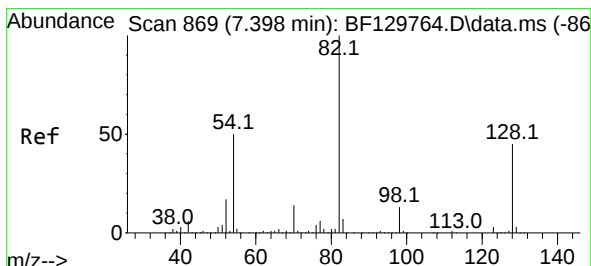
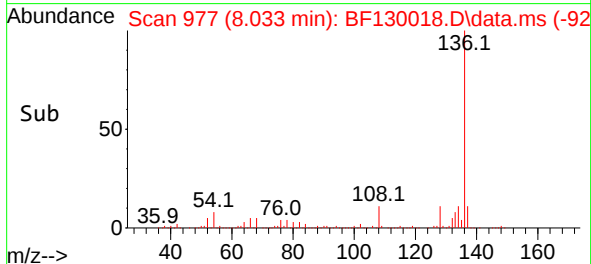
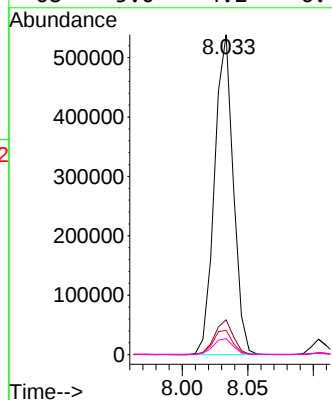
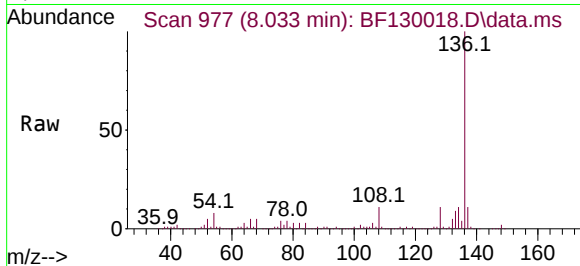




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130018.D
Acq: 26 Aug 2022 14:30

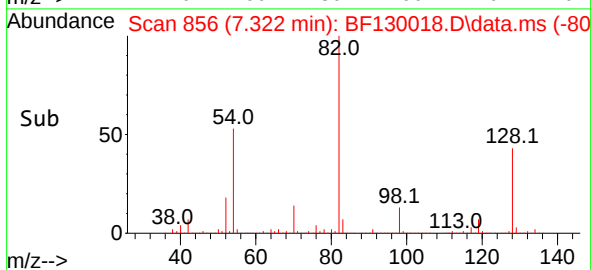
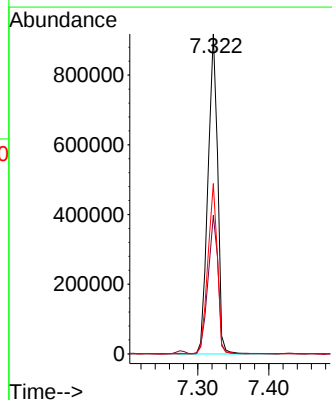
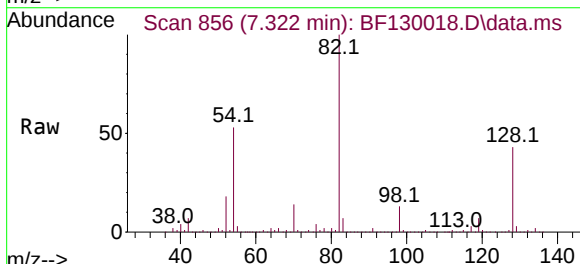
Instrument :
BNA_F
ClientSampleId :
MW-25

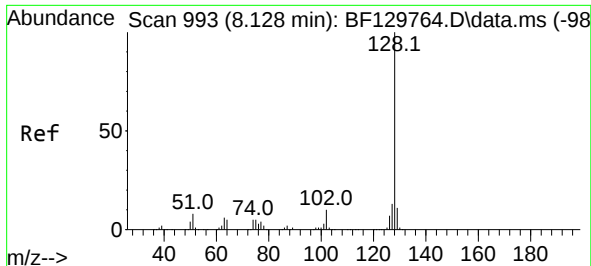
Tgt Ion:136	Resp:	535656	
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	7.6	6.2	9.2
68	5.0	4.2	6.4



#23
Nitrobenzene-d5
Concen: 86.170 ng
RT: 7.322 min Scan# 856
Delta R.T. -0.012 min
Lab File: BF130018.D
Acq: 26 Aug 2022 14:30

Tgt Ion: 82	Resp: 862240
Ion Ratio	Lower Upper
82 100	
128 43.3	36.1 54.1
54 53.2	40.0 60.0

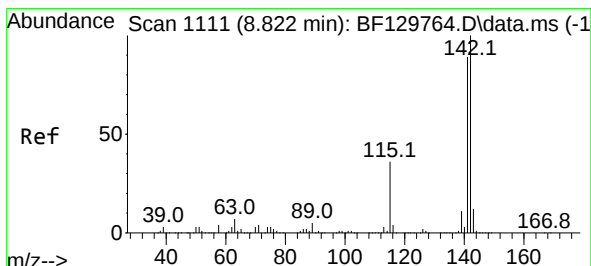
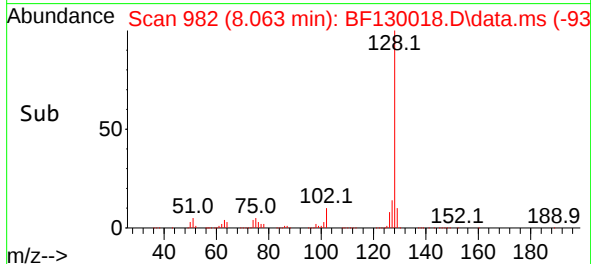
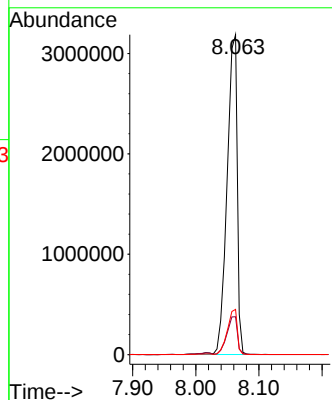
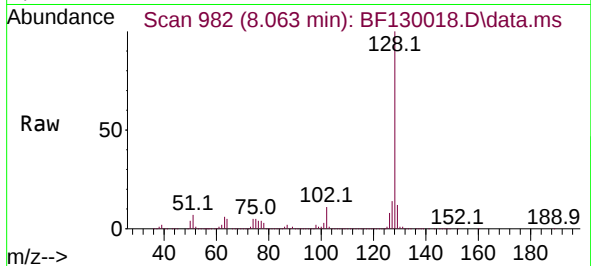




#31
Naphthalene
Concen: 127.396 ng
RT: 8.063 min Scan# 98
Delta R.T. -0.000 min
Lab File: BF130018.D
Acq: 26 Aug 2022 14:30

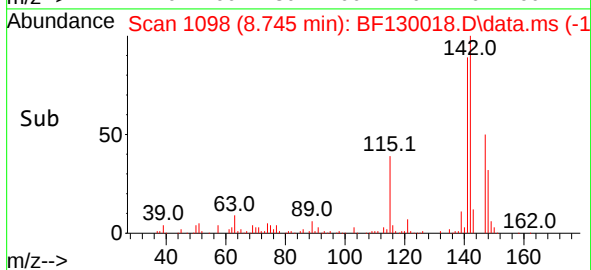
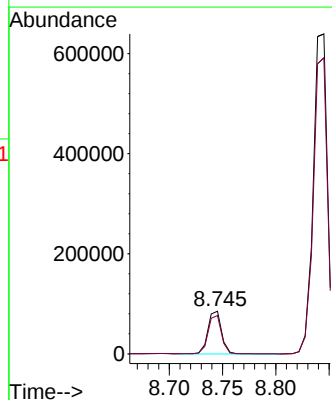
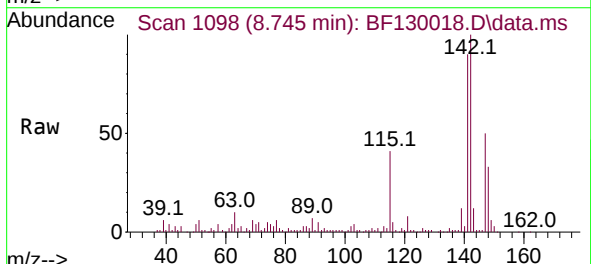
Instrument :
BNA_F
ClientSampleId :
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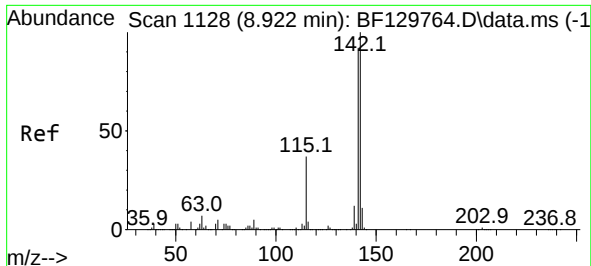
Tgt Ion:128 Resp: 3568039
Ion Ratio Lower Upper
128 100
129 11.8 8.9 13.3
127 14.1 10.7 16.1



#37
2-Methylnaphthalene
Concen: 4.148 ng
RT: 8.745 min Scan# 1098
Delta R.T. -0.006 min
Lab File: BF130018.D
Acq: 26 Aug 2022 14:30

Tgt Ion:142 Resp: 76256
Ion Ratio Lower Upper
142 100
141 89.7 70.9 106.3

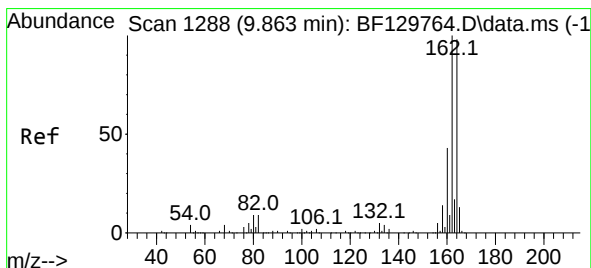
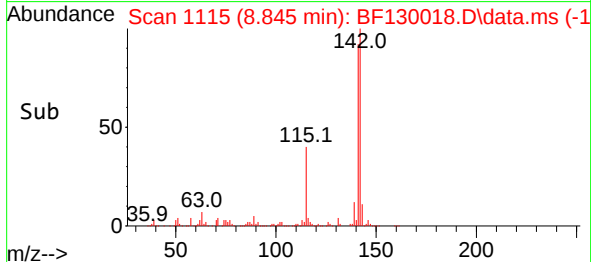
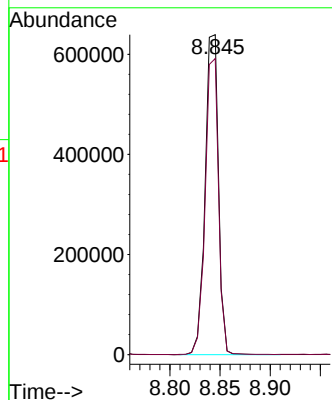
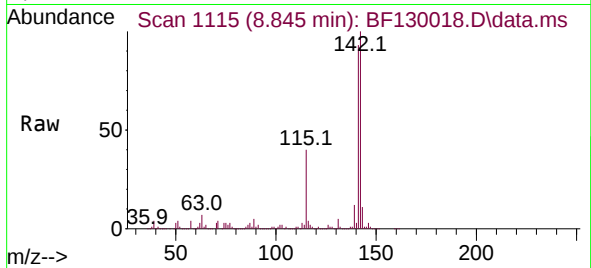




#38
1-Methylnaphthalene
Concen: 33.054 ng
RT: 8.845 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BF130018.D
Acq: 26 Aug 2022 14:30

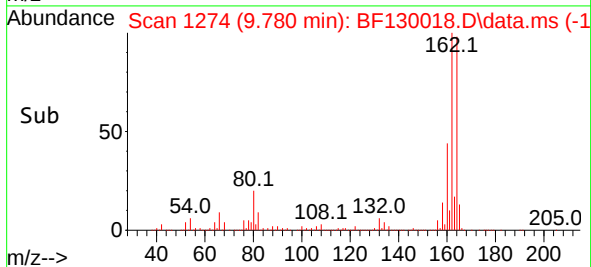
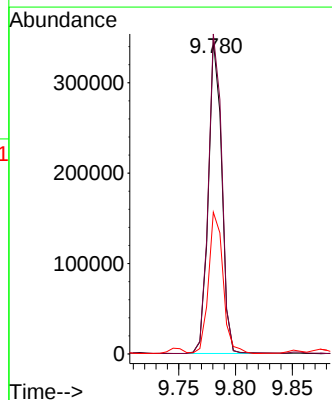
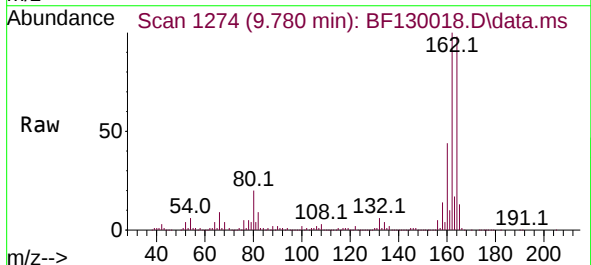
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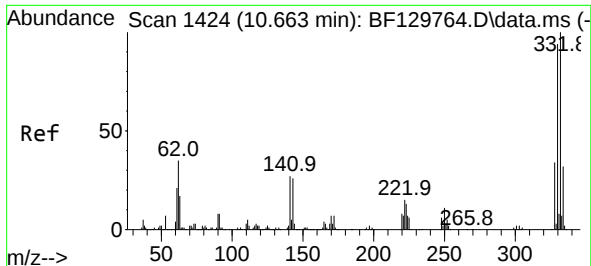
Tgt Ion:142 Resp: 590501
Ion Ratio Lower Upper
142 100
141 92.5 73.5 110.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 1274
Delta R.T. -0.012 min
Lab File: BF130018.D
Acq: 26 Aug 2022 14:30

Tgt Ion:164 Resp: 283418
Ion Ratio Lower Upper
164 100
162 101.8 82.0 123.0
160 45.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 130.235 ng

RT: 10.580 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF130018.D

Acq: 26 Aug 2022 14:30

Instrument :

BNA_F

ClientSampleId :

MW-25

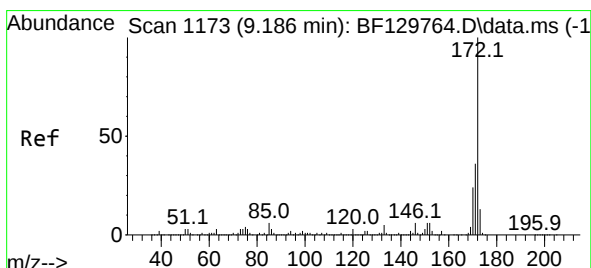
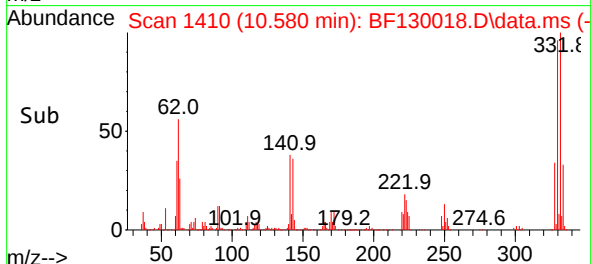
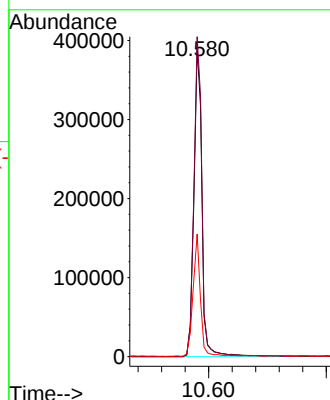
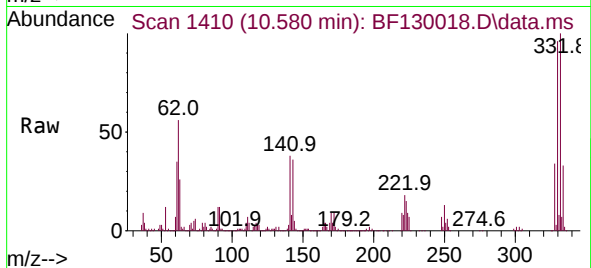
Tgt Ion:330 Resp: 370457

Ion Ratio Lower Upper

330 100

332 103.7 82.6 124.0

141 36.7 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 85.170 ng

RT: 9.104 min Scan# 1159

Delta R.T. -0.012 min

Lab File: BF130018.D

Acq: 26 Aug 2022 14:30

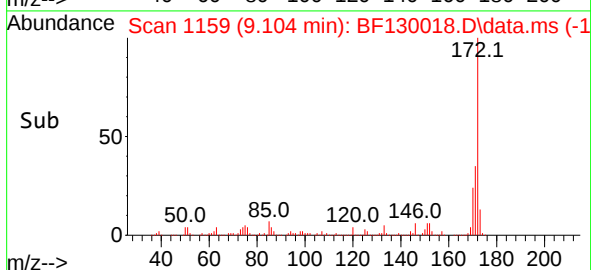
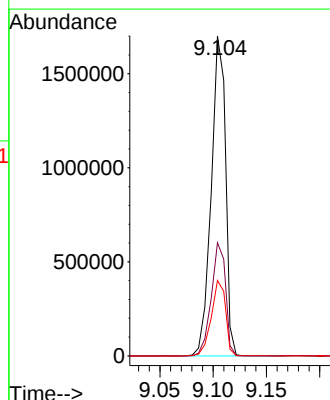
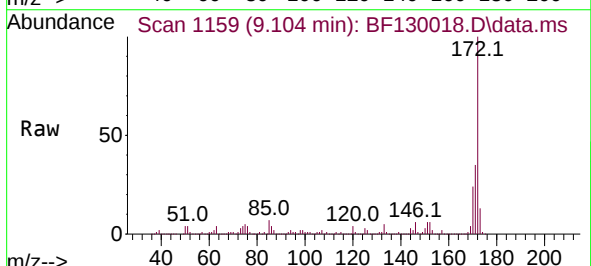
Tgt Ion:172 Resp: 1589329

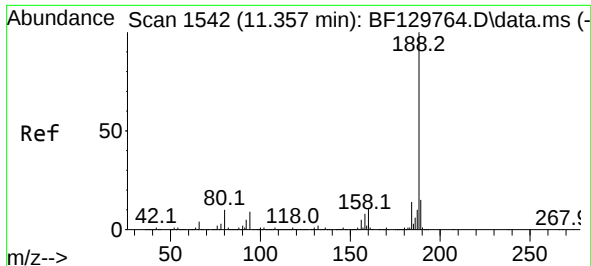
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.6 19.1 28.7

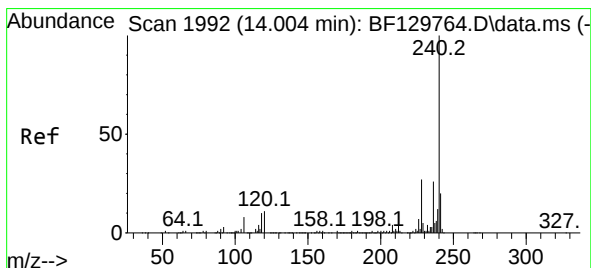
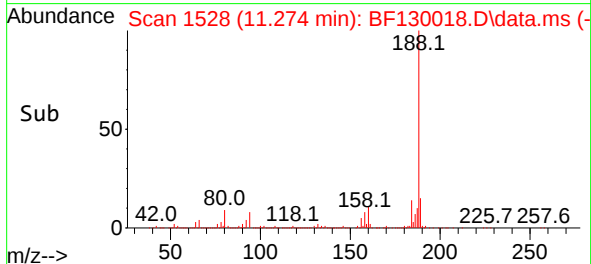
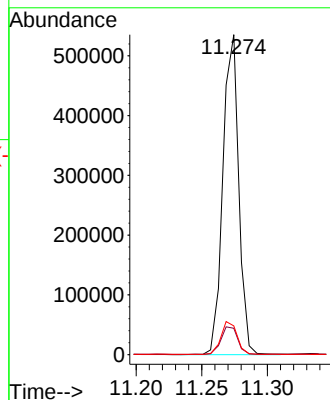
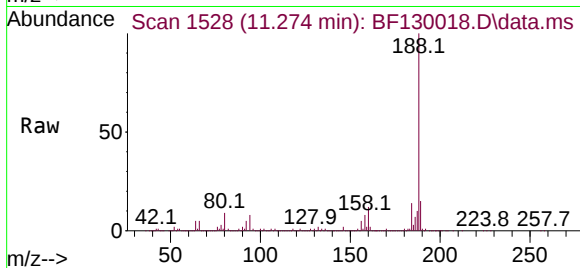




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130018.D
Acq: 26 Aug 2022 14:30

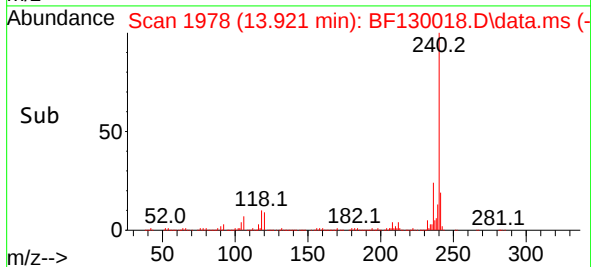
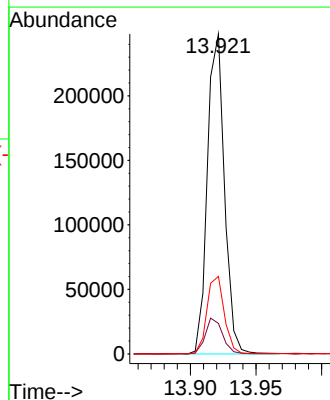
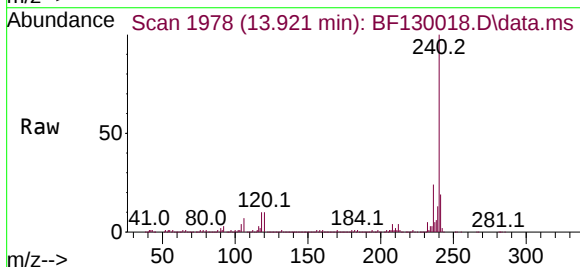
Instrument :
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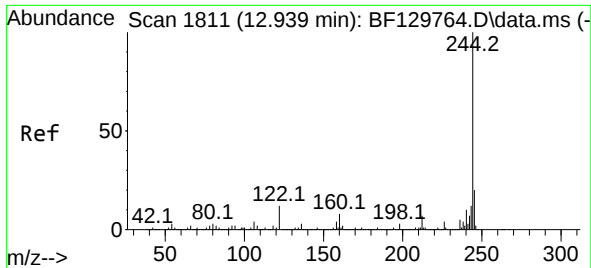
Tgt Ion:188 Resp: 451621
Ion Ratio Lower Upper
188 100
94 8.2 7.4 11.2
80 9.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.921 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BF130018.D
Acq: 26 Aug 2022 14:30

Tgt Ion:240 Resp: 223853
Ion Ratio Lower Upper
240 100
120 9.5 9.2 13.8
236 24.2 20.7 31.1

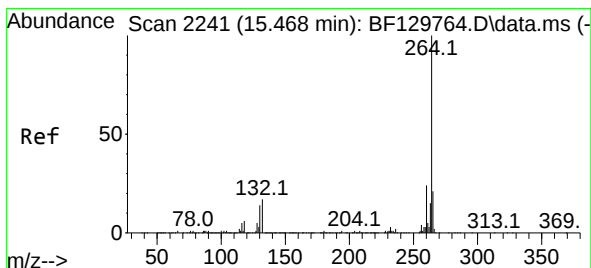
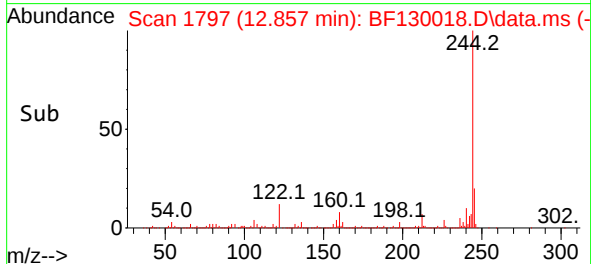
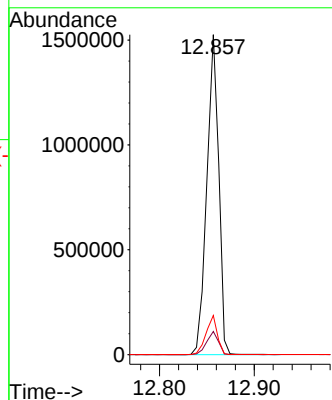
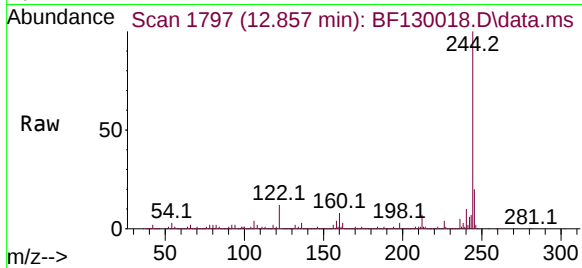




#79
 Terphenyl-d14
 Concen: 99.030 ng
 RT: 12.857 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130018.D
 Acq: 26 Aug 2022 14:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-25

Tgt Ion:244 Resp: 1332277
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 12.2 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.362 min Scan# 2223
 Delta R.T. -0.006 min
 Lab File: BF130018.D
 Acq: 26 Aug 2022 14:30

Tgt Ion:264 Resp: 227885
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.1 28.7
 265 21.7 16.7 25.1

