

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110322\
 Data File : BF130968.D
 Acq On : 03 Nov 2022 19:51
 Operator : CG\JU
 Sample : N5396-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-B

Quant Time: Nov 04 06:21:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 06:20:24 2022
 Response via : Initial Calibration

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

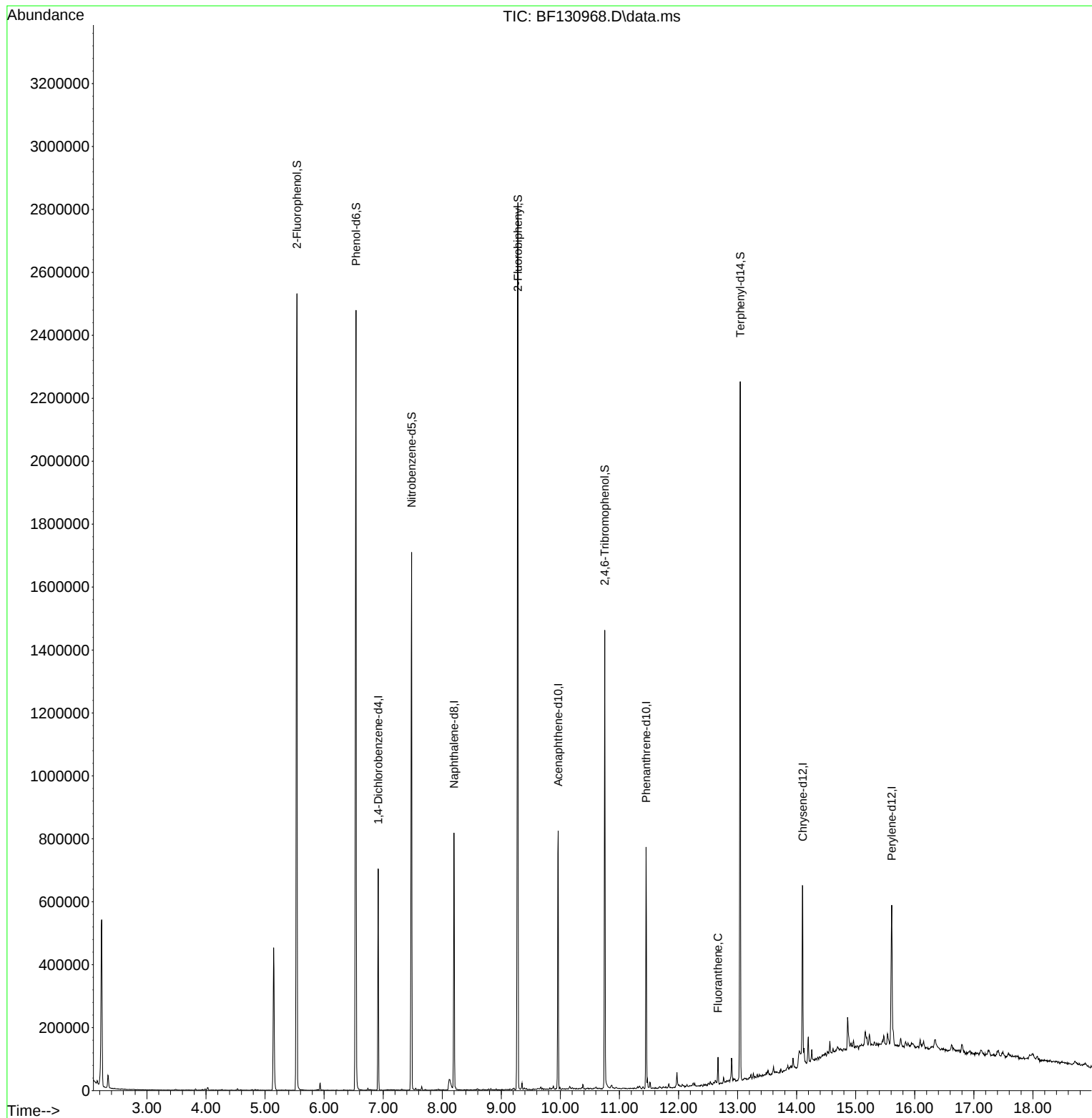
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	91076	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	340501	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	165687	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	254422	20.000	ng	0.00
76) Chrysene-d12	14.104	240	195729	20.000	ng	0.00
86) Perylene-d12	15.609	264	207202	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	657045	125.067	ng	0.01
7) Phenol-d6	6.539	99	815992	119.525	ng	0.00
23) Nitrobenzene-d5	7.481	82	542097	95.999	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	151979	108.965	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	918866	83.846	ng	0.00
79) Terphenyl-d14	13.045	244	706945	66.186	ng	0.00
Target Compounds						
75) Fluoranthene	12.668	202	29276	2.098	ng	Qvalue 98

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

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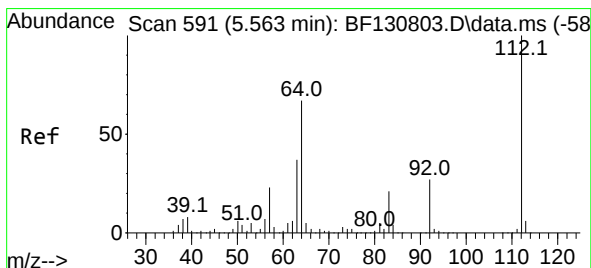
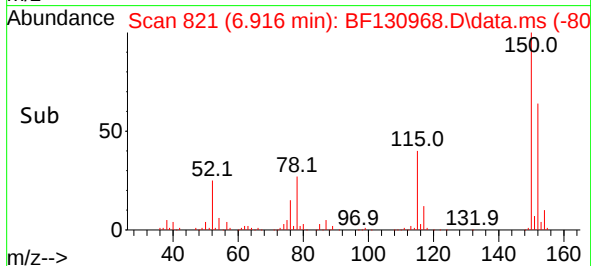
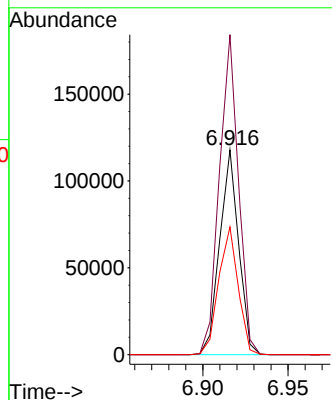
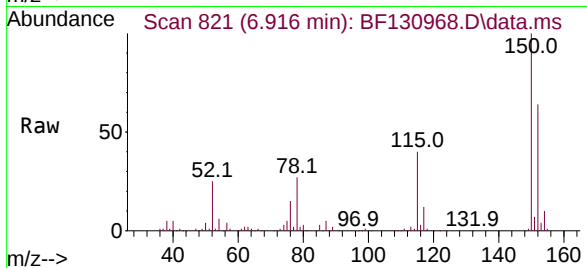




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF130968.D
Acq: 03 Nov 2022 19:51

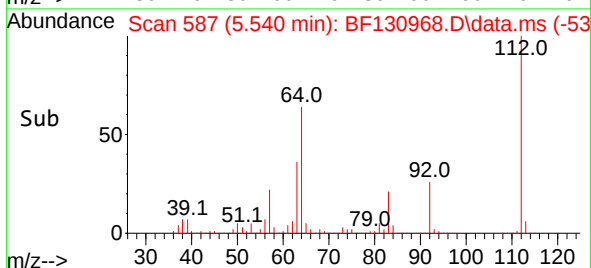
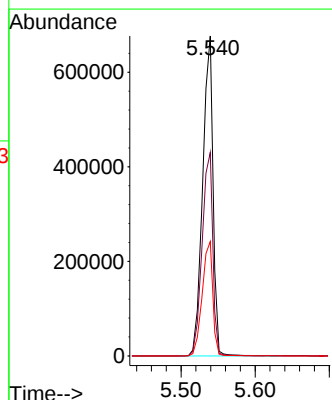
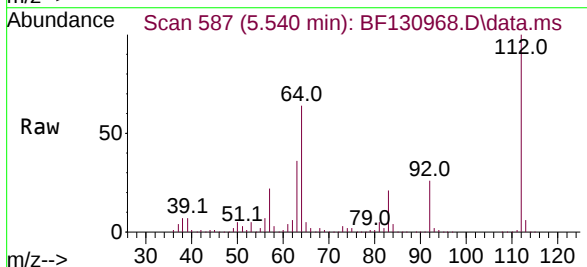
Instrument :
BNA_F
ClientSampleId :
TP-B

Tgt Ion:152 Resp: 91076
Ion Ratio Lower Upper
152 100
150 156.3 124.1 186.1
115 62.3 50.1 75.1



#5
2-Fluorophenol
Concen: 125.067 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.012 min
Lab File: BF130968.D
Acq: 03 Nov 2022 19:51

Tgt Ion:112 Resp: 657045
Ion Ratio Lower Upper
112 100
64 63.6 53.9 80.9
63 35.7 29.4 44.2

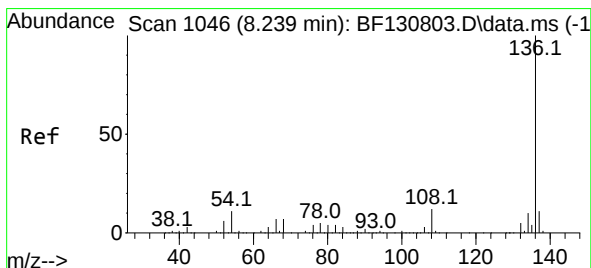
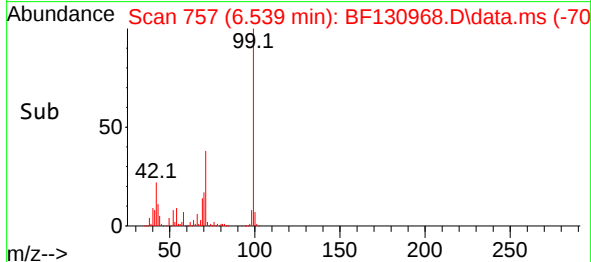
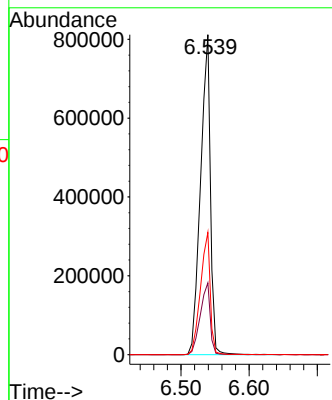
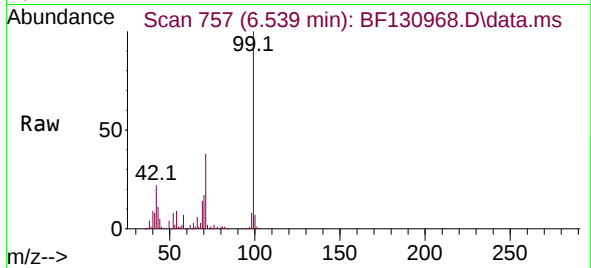




#7
Phenol-d6
Concen: 119.525 ng
RT: 6.539 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130968.D
Acq: 03 Nov 2022 19:51

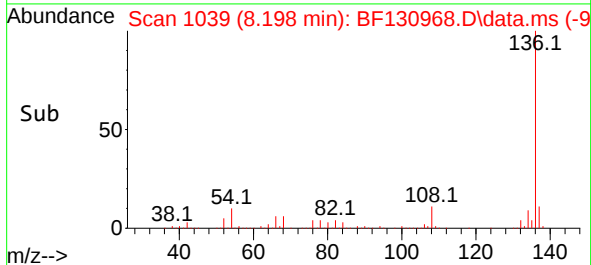
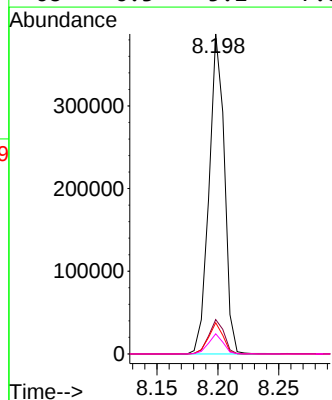
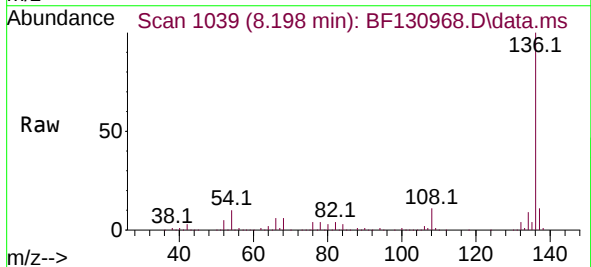
Instrument :
BNA_F
ClientSampleId :
TP-B

Tgt Ion: 99 Resp: 815992
Ion Ratio Lower Upper
99 100
42 22.4 18.8 28.2
71 38.2 31.4 47.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF130968.D
Acq: 03 Nov 2022 19:51

Tgt Ion: 136 Resp: 340501
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 9.7 8.8 13.2
68 6.3 5.2 7.8

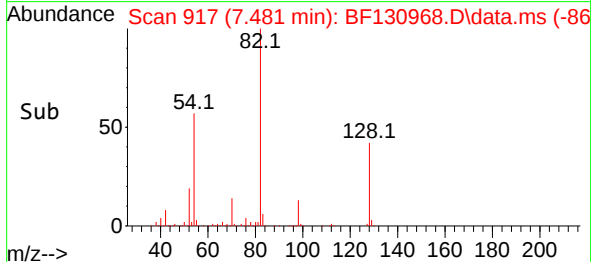
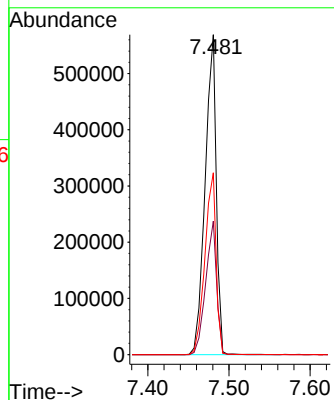
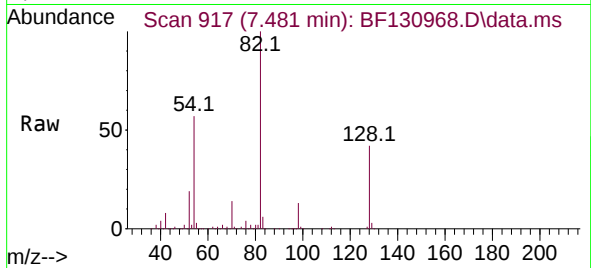




#23
Nitrobenzene-d5
Concen: 95.999 ng
RT: 7.481 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130968.D
Acq: 03 Nov 2022 19:51

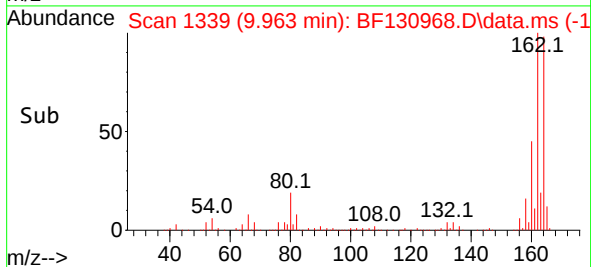
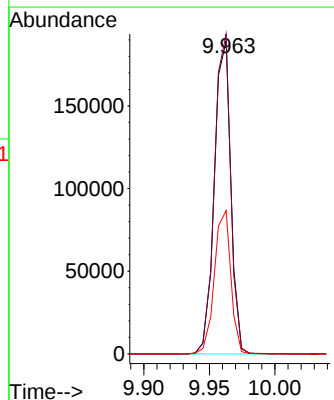
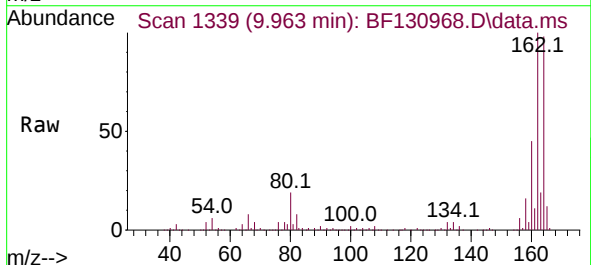
Instrument :
BNA_F
ClientSampleId :
TP-B

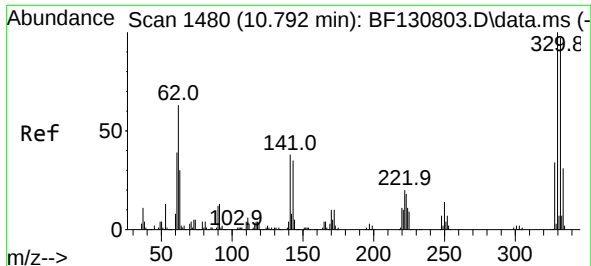
Tgt Ion: 82 Resp: 542097
Ion Ratio Lower Upper
82 100
128 41.7 31.2 46.8
54 56.8 48.0 72.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BF130968.D
Acq: 03 Nov 2022 19:51

Tgt Ion:164 Resp: 165687
Ion Ratio Lower Upper
164 100
162 102.3 82.2 123.2
160 45.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 108.965 ng

RT: 10.751 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF130968.D

Acq: 03 Nov 2022 19:51

Instrument :

BNA_F

ClientSampleId :

TP-B

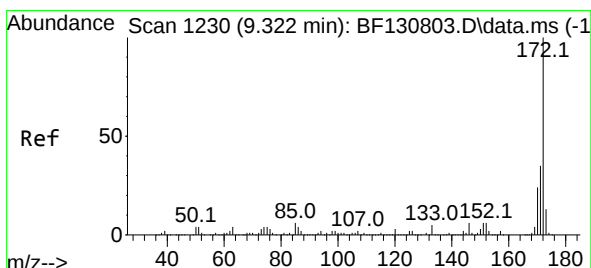
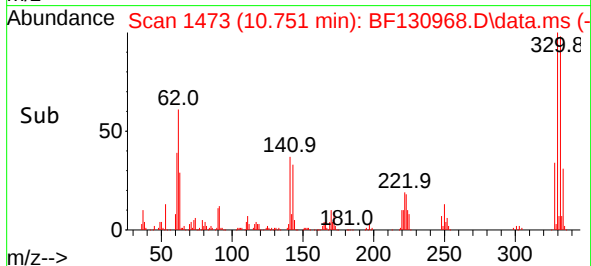
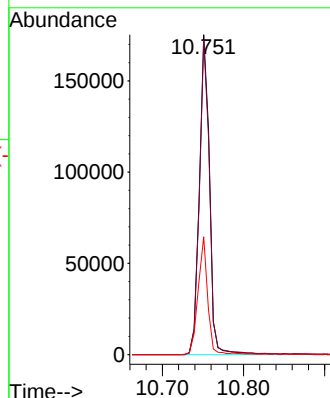
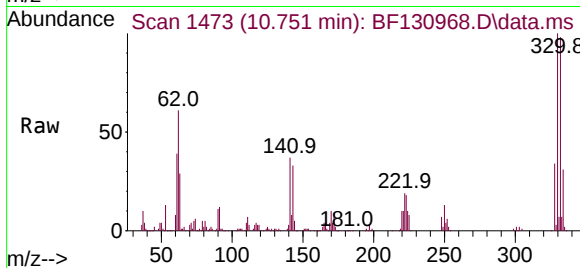
Tgt Ion:330 Resp: 151979

Ion Ratio Lower Upper

330 100

332 97.9 76.2 114.4

141 35.0 31.4 47.0



#45

2-Fluorobiphenyl

Concen: 83.846 ng

RT: 9.280 min Scan# 1223

Delta R.T. -0.000 min

Lab File: BF130968.D

Acq: 03 Nov 2022 19:51

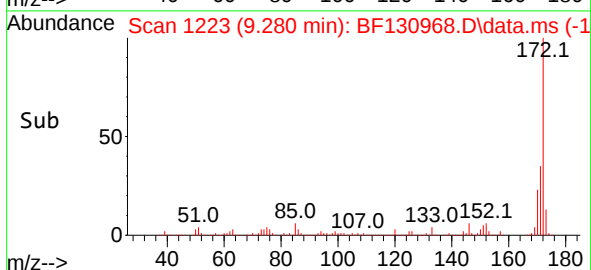
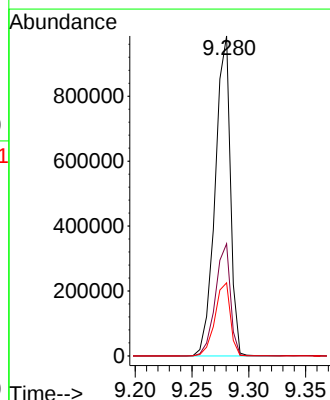
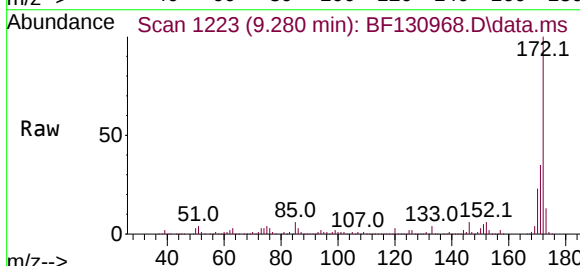
Tgt Ion:172 Resp: 918866

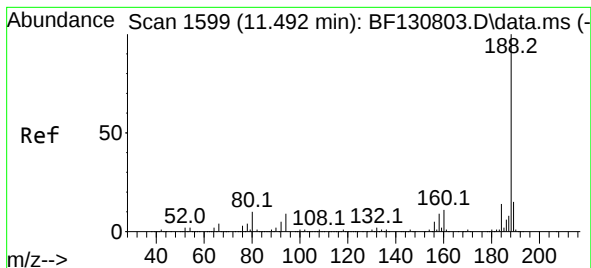
Ion Ratio Lower Upper

172 100

171 35.0 28.1 42.1

170 22.8 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130968.D

Acq: 03 Nov 2022 19:51

Instrument :

BNA_F

ClientSampleId :

TP-B

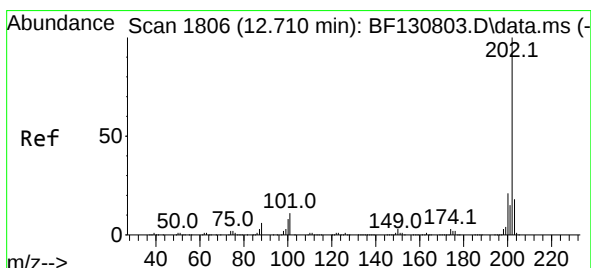
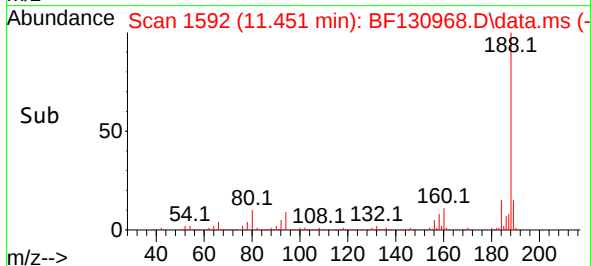
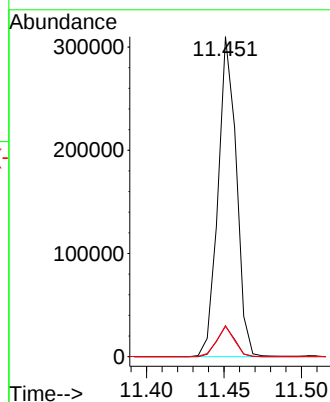
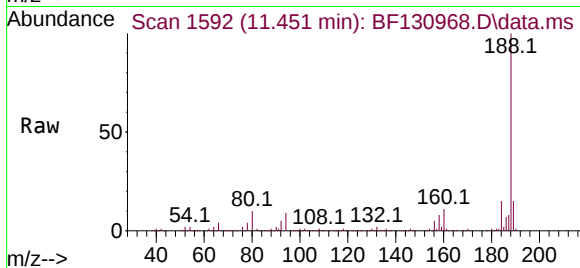
Tgt Ion:188 Resp: 254422

Ion Ratio Lower Upper

188 100

94 9.5 7.4 11.2

80 9.7 8.0 12.0



#75

Fluoranthene

Concen: 2.098 ng

RT: 12.668 min Scan# 1799

Delta R.T. -0.006 min

Lab File: BF130968.D

Acq: 03 Nov 2022 19:51

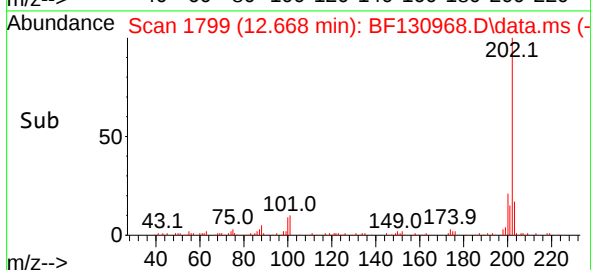
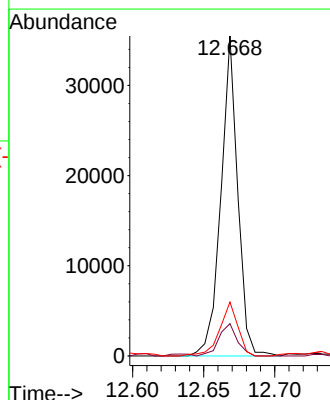
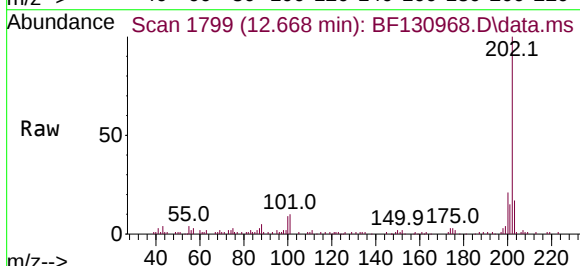
Tgt Ion:202 Resp: 29276

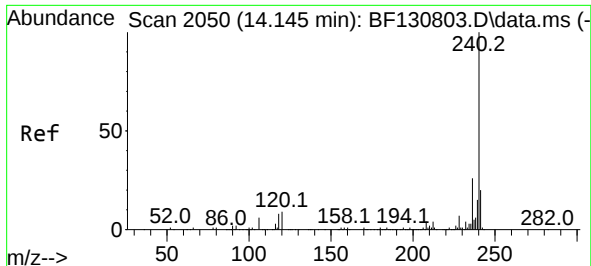
Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.9

203 16.8 0.0 37.7

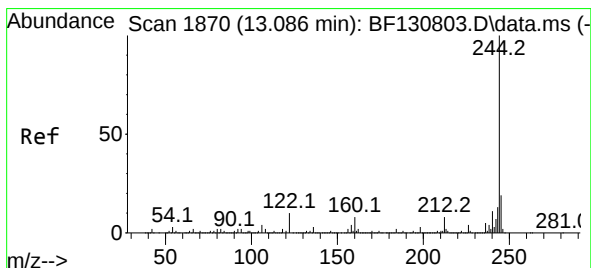
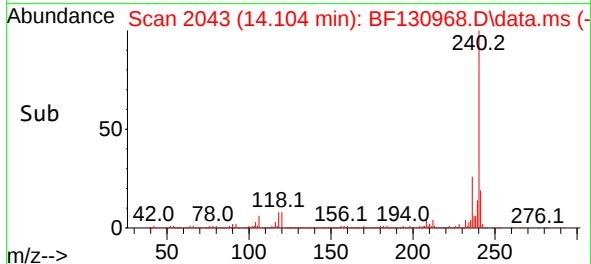
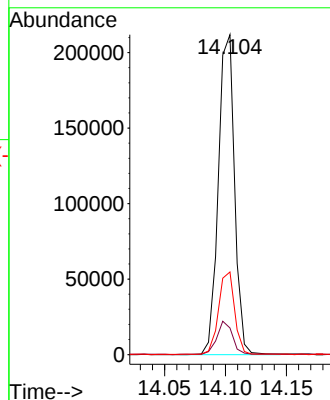
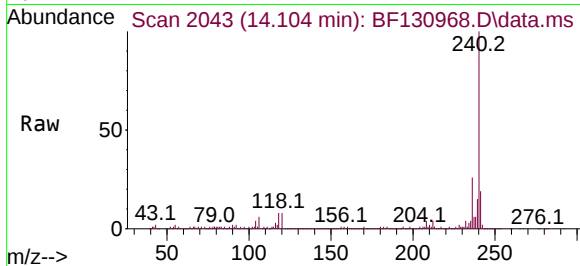




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BF130968.D
Acq: 03 Nov 2022 19:51

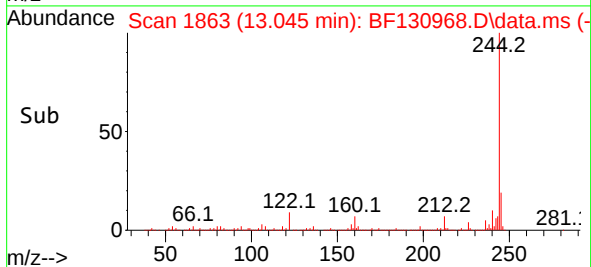
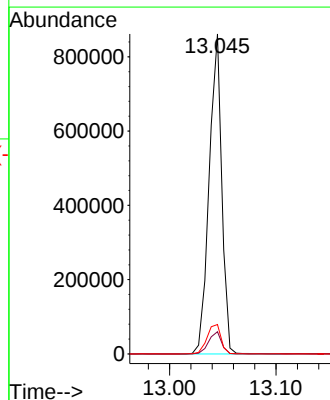
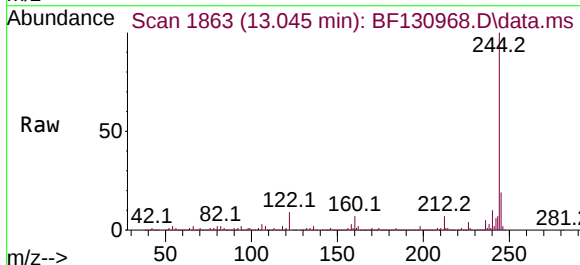
Instrument :
BNA_F
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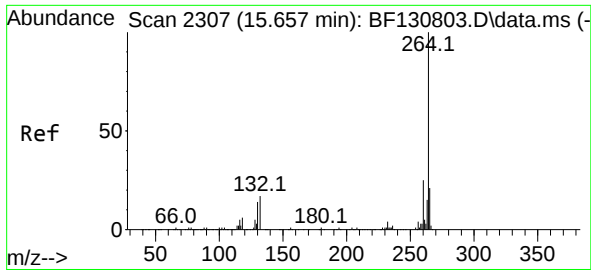
Tgt Ion:240 Resp: 195729
Ion Ratio Lower Upper
240 100
120 8.4 7.0 10.4
236 25.8 20.5 30.7



#79
Terphenyl-d14
Concen: 66.186 ng
RT: 13.045 min Scan# 1863
Delta R.T. -0.000 min
Lab File: BF130968.D
Acq: 03 Nov 2022 19:51

Tgt Ion:244 Resp: 706945
Ion Ratio Lower Upper
244 100
212 6.9 6.2 9.2
122 9.2 7.9 11.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.609 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF130968.D
 Acq: 03 Nov 2022 19:51

Instrument :
 BNA_F
 ClientSampleId :
 TP-B

Tgt Ion:264 Resp: 207202

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.9	29.9
265	21.2	17.0	25.6

