

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
 Data File : BF132765.D
 Acq On : 13 Mar 2023 17:48
 Operator : CG\JU
 Sample : 01878-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 F-2

Quant Time: Mar 14 01:32:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 13:44:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	221625	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	815043	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	461241	20.000	ng	-0.01
64) Phenanthrene-d10	11.504	188	925454	20.000	ng	0.00
76) Chrysene-d12	14.157	240	544321	20.000	ng	#-0.01
86) Perylene-d12	15.692	264	467688	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	714449	52.319	ng	0.00
7) Phenol-d6	6.598	99	1165155	65.379	ng	-0.01
23) Nitrobenzene-d5	7.534	82	930605	54.171	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	228234	45.819	ng	-0.01
45) 2-Fluorobiphenyl	9.328	172	1660309	54.811	ng	0.00
79) Terphenyl-d14	13.098	244	2183709	67.829	ng	0.00

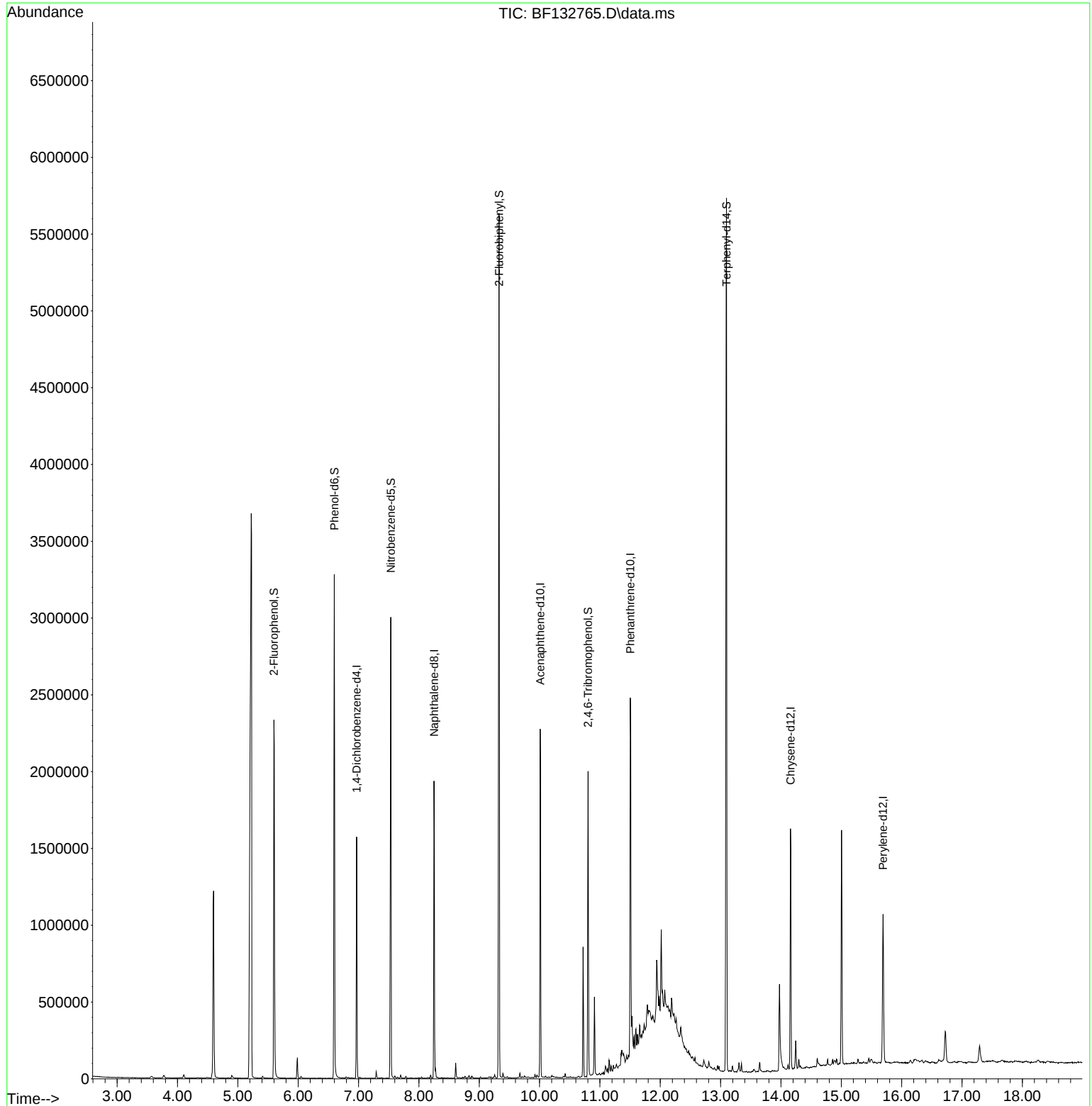
Target Compounds Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
Data File : BF132765.D
Acq On : 13 Mar 2023 17:48
Operator : CG\JU
Sample : 01878-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
F-2

Quant Time: Mar 14 01:32:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 13:44:13 2023
Response via : Initial Calibration

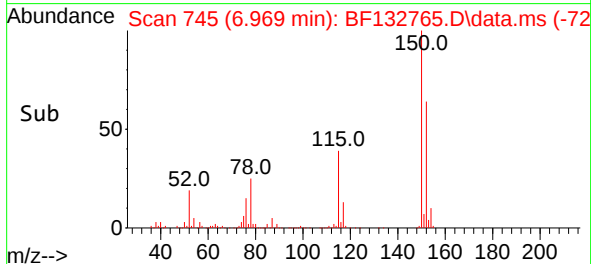
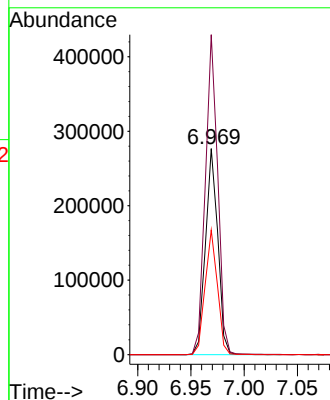
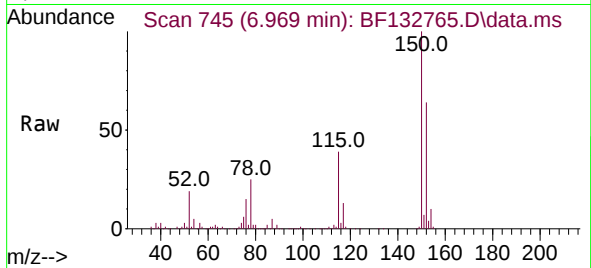




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF132765.D
Acq: 13 Mar 2023 17:48

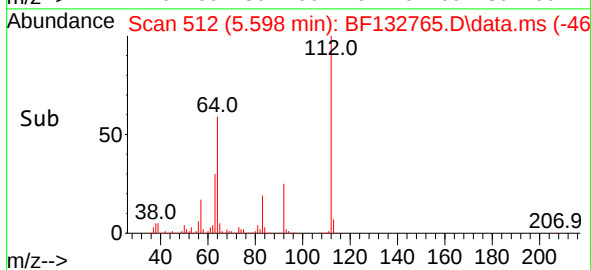
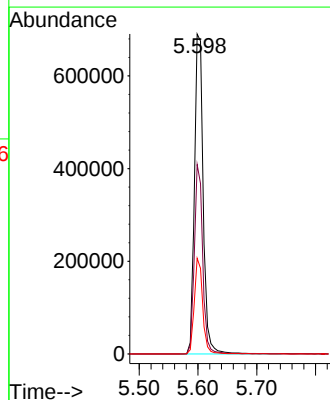
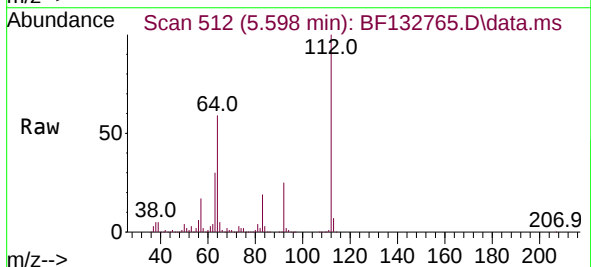
Instrument :
BNA_F
ClientSampleId :
F-2

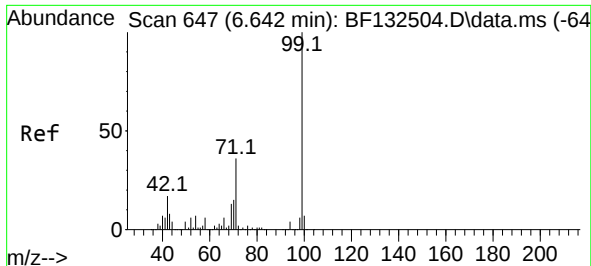
Tgt Ion:152 Resp: 221625
Ion Ratio Lower Upper
152 100
150 155.3 125.4 188.2
115 60.4 47.8 71.6



#5
2-Fluorophenol
Concen: 52.319 ng
RT: 5.598 min Scan# 512
Delta R.T. 0.000 min
Lab File: BF132765.D
Acq: 13 Mar 2023 17:48

Tgt Ion:112 Resp: 714449
Ion Ratio Lower Upper
112 100
64 59.2 51.6 77.4
63 29.9 27.4 41.2

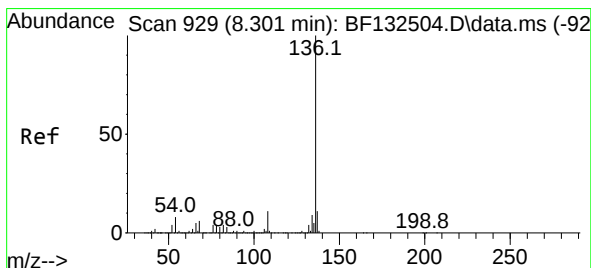
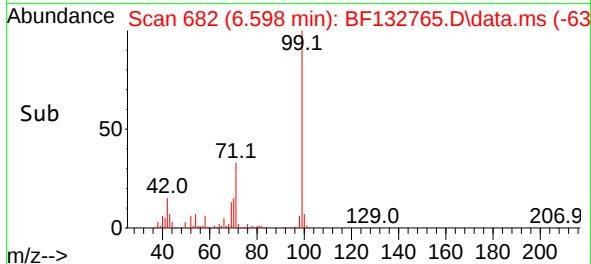
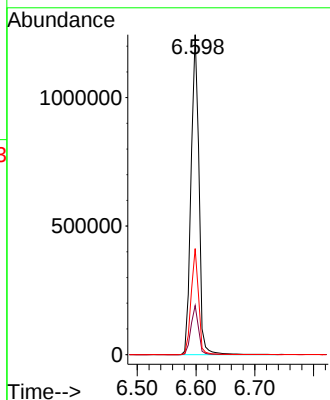
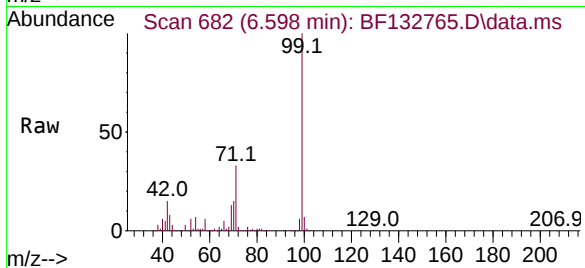




#7
Phenol-d6
Concen: 65.379 ng
RT: 6.598 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF132765.D
Acq: 13 Mar 2023 17:48

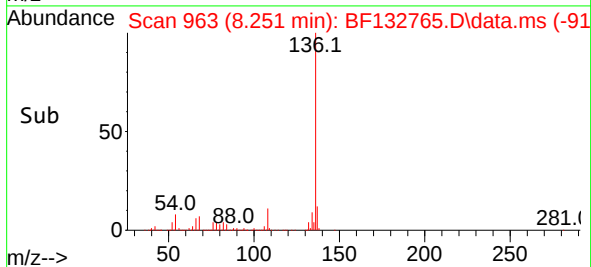
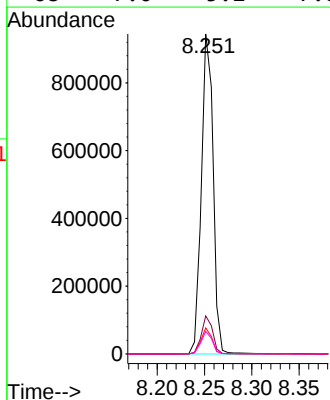
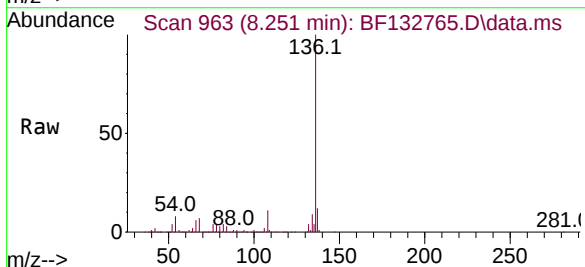
Instrument :
BNA_F
ClientSampleId :
F-2

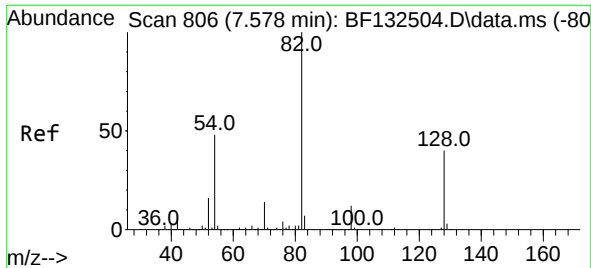
Tgt Ion: 99 Resp: 1165155
Ion Ratio Lower Upper
99 100
42 15.3 13.9 20.9
71 33.1 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 963
Delta R.T. -0.006 min
Lab File: BF132765.D
Acq: 13 Mar 2023 17:48

Tgt Ion: 136 Resp: 815043
Ion Ratio Lower Upper
136 100
137 11.9 8.9 13.3
54 8.1 6.2 9.4
68 7.0 5.2 7.8

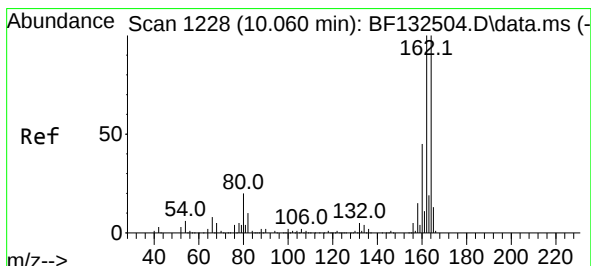
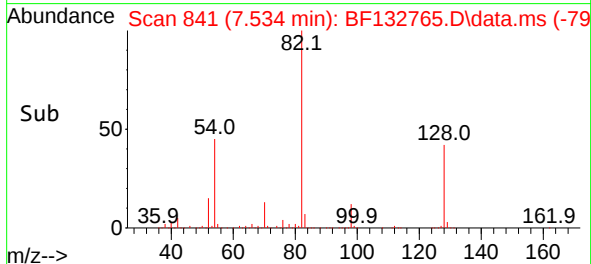
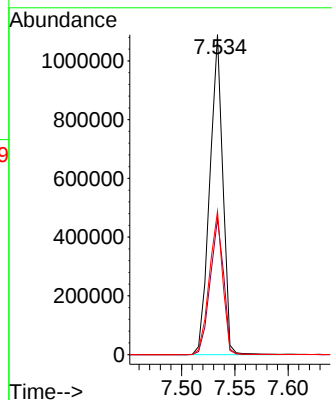
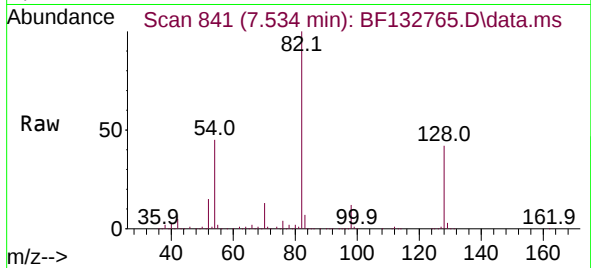




#23
Nitrobenzene-d5
Concen: 54.171 ng
RT: 7.534 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF132765.D
Acq: 13 Mar 2023 17:48

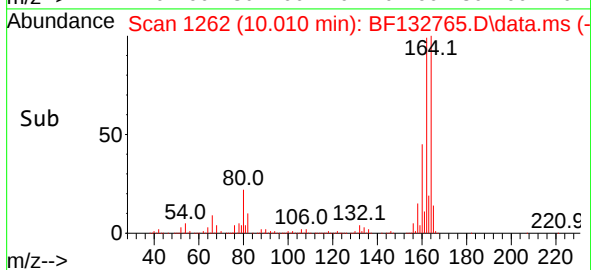
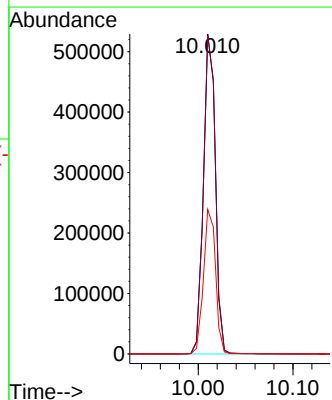
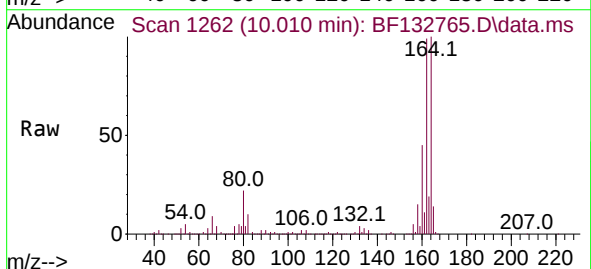
Instrument :
BNA_F
ClientSampleId :
F-2

Tgt Ion: 82 Resp: 930605
Ion Ratio Lower Upper
82 100
128 42.5 32.2 48.2
54 44.8 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1262
Delta R.T. -0.012 min
Lab File: BF132765.D
Acq: 13 Mar 2023 17:48

Tgt Ion: 164 Resp: 461241
Ion Ratio Lower Upper
164 100
162 99.4 79.8 119.8
160 45.1 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 45.819 ng

RT: 10.804 min Scan# 1146

Delta R.T. -0.012 min

Lab File: BF132765.D

Acq: 13 Mar 2023 17:48

Instrument :

BNA_F

ClientSampleId :

F-2

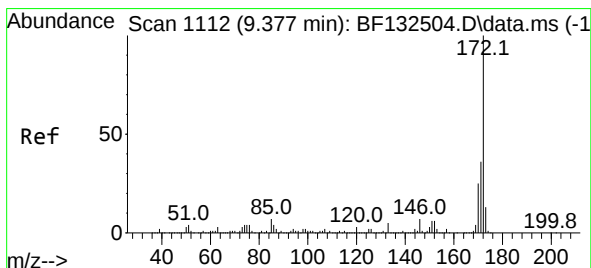
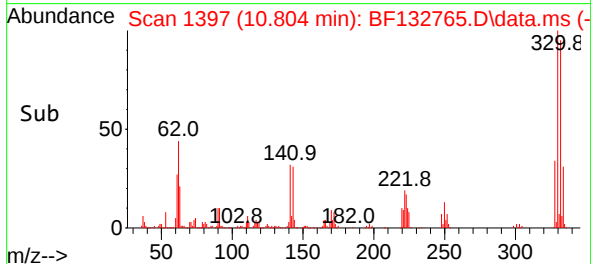
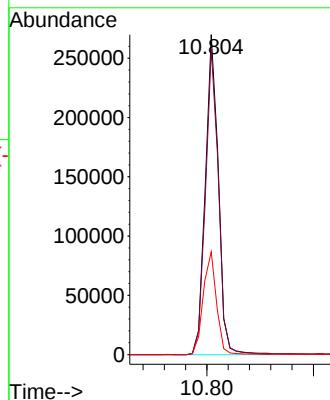
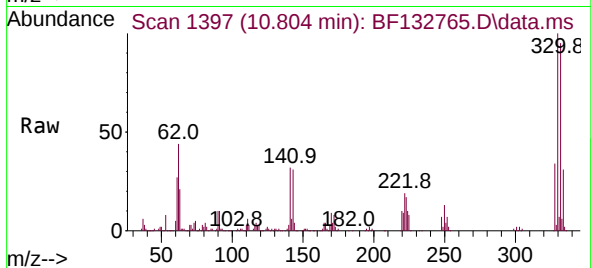
Tgt Ion:330 Resp: 228234

Ion Ratio Lower Upper

330 100

332 95.2 76.2 114.4

141 32.7 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 54.811 ng

RT: 9.328 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF132765.D

Acq: 13 Mar 2023 17:48

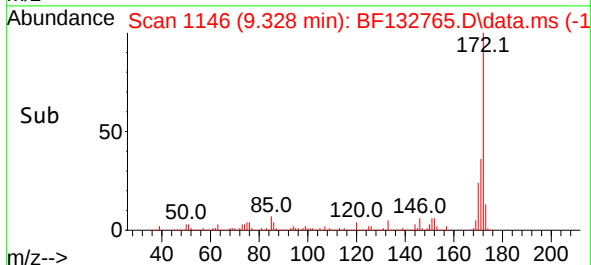
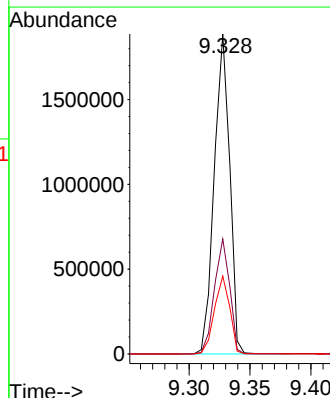
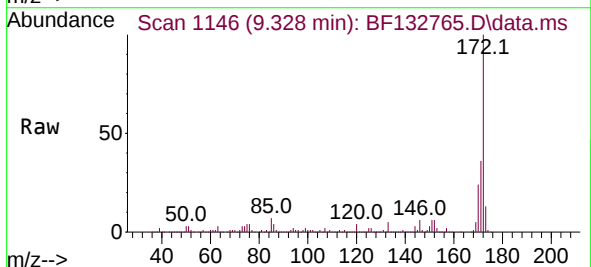
Tgt Ion:172 Resp: 1660309

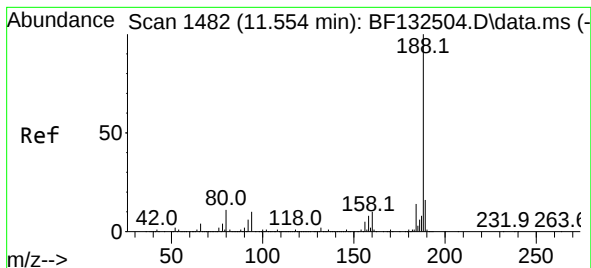
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 24.3 19.7 29.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.504 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132765.D

Acq: 13 Mar 2023 17:48

Instrument :

BNA_F

ClientSampleId :

F-2

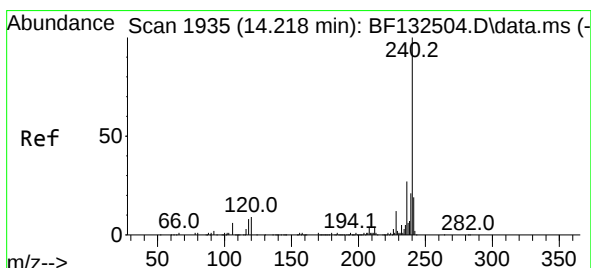
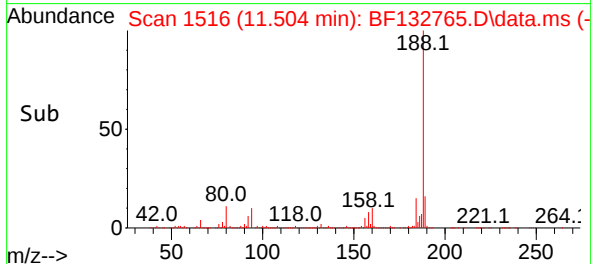
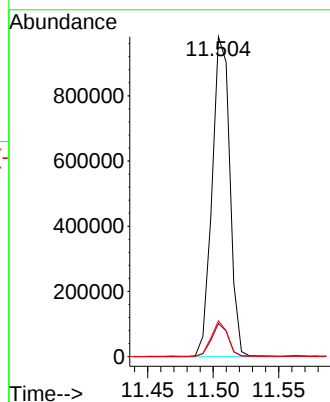
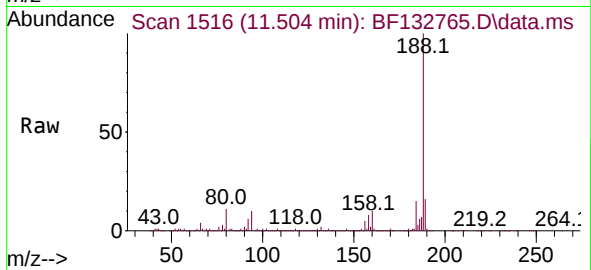
Tgt Ion:188 Resp: 925454

Ion Ratio Lower Upper

188 100

94 10.4 8.3 12.5

80 11.2 8.7 13.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.157 min Scan# 1967

Delta R.T. -0.012 min

Lab File: BF132765.D

Acq: 13 Mar 2023 17:48

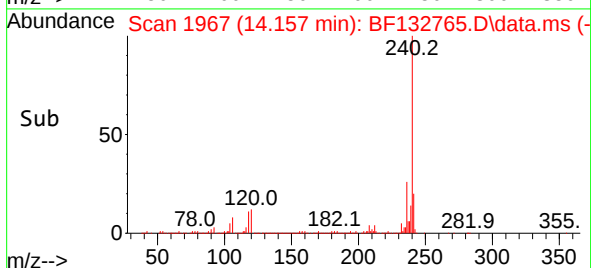
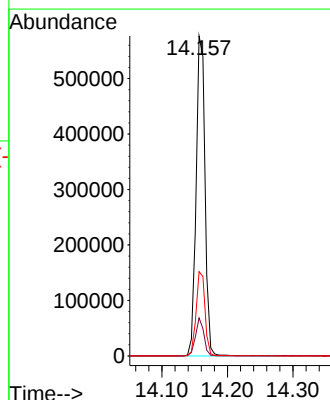
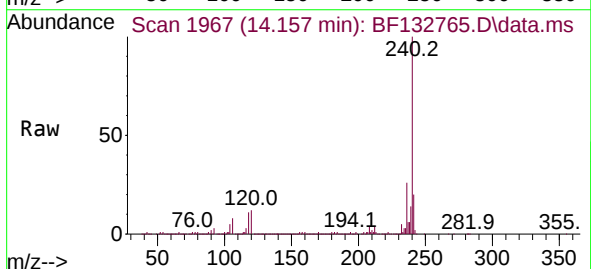
Tgt Ion:240 Resp: 544321

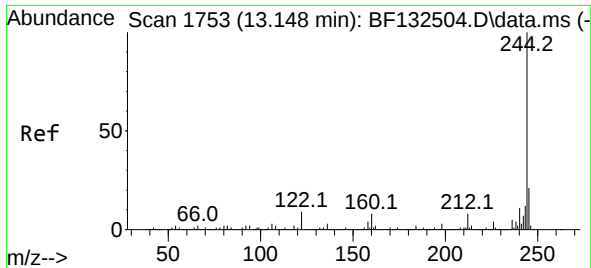
Ion Ratio Lower Upper

240 100

120 11.9 7.2 10.8#

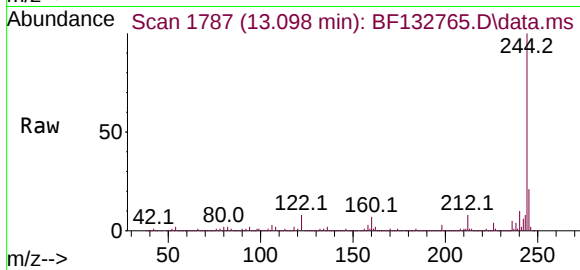
236 26.3 21.8 32.6



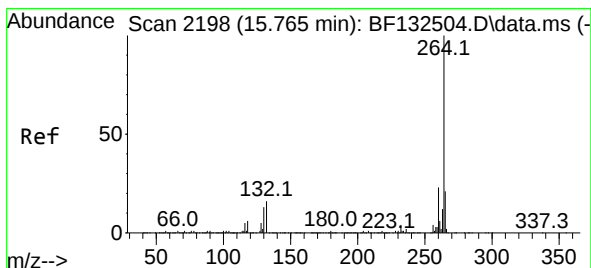
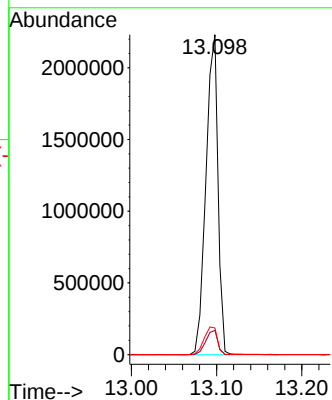
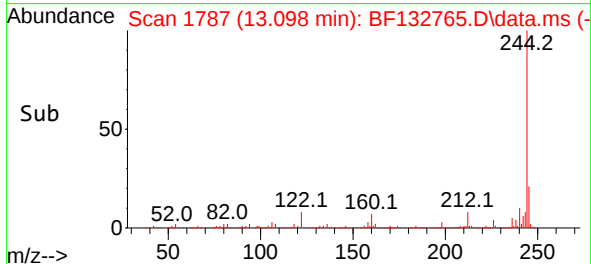


#79
 Terphenyl-d14
 Concen: 67.829 ng
 RT: 13.098 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132765.D
 Acq: 13 Mar 2023 17:48

Instrument :
 BNA_F
 ClientSampleId :
 F-2



Tgt Ion:244 Resp: 2183709
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 8.3 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.692 min Scan# 2228
 Delta R.T. -0.006 min
 Lab File: BF132765.D
 Acq: 13 Mar 2023 17:48

Tgt Ion:264 Resp: 467688
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 21.4 17.1 25.7

