

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
 Data File : BF132761.D
 Acq On : 13 Mar 2023 15:40
 Operator : CG\JU
 Sample : 01878-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 F-1

Quant Time: Mar 14 01:31:13 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	208341	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	778512	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	440041	20.000	ng	-0.01
64) Phenanthrene-d10	11.504	188	814300	20.000	ng	0.00
76) Chrysene-d12	14.163	240	484827	20.000	ng	0.00
86) Perylene-d12	15.692	264	457589	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	927773	72.273	ng	0.00
7) Phenol-d6	6.604	99	1330981	79.445	ng	0.00
23) Nitrobenzene-d5	7.534	82	965250	58.825	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	325011	68.391	ng	-0.01
45) 2-Fluorobiphenyl	9.328	172	1693691	58.606	ng	0.00
79) Terphenyl-d14	13.098	244	2132506	74.367	ng	0.00

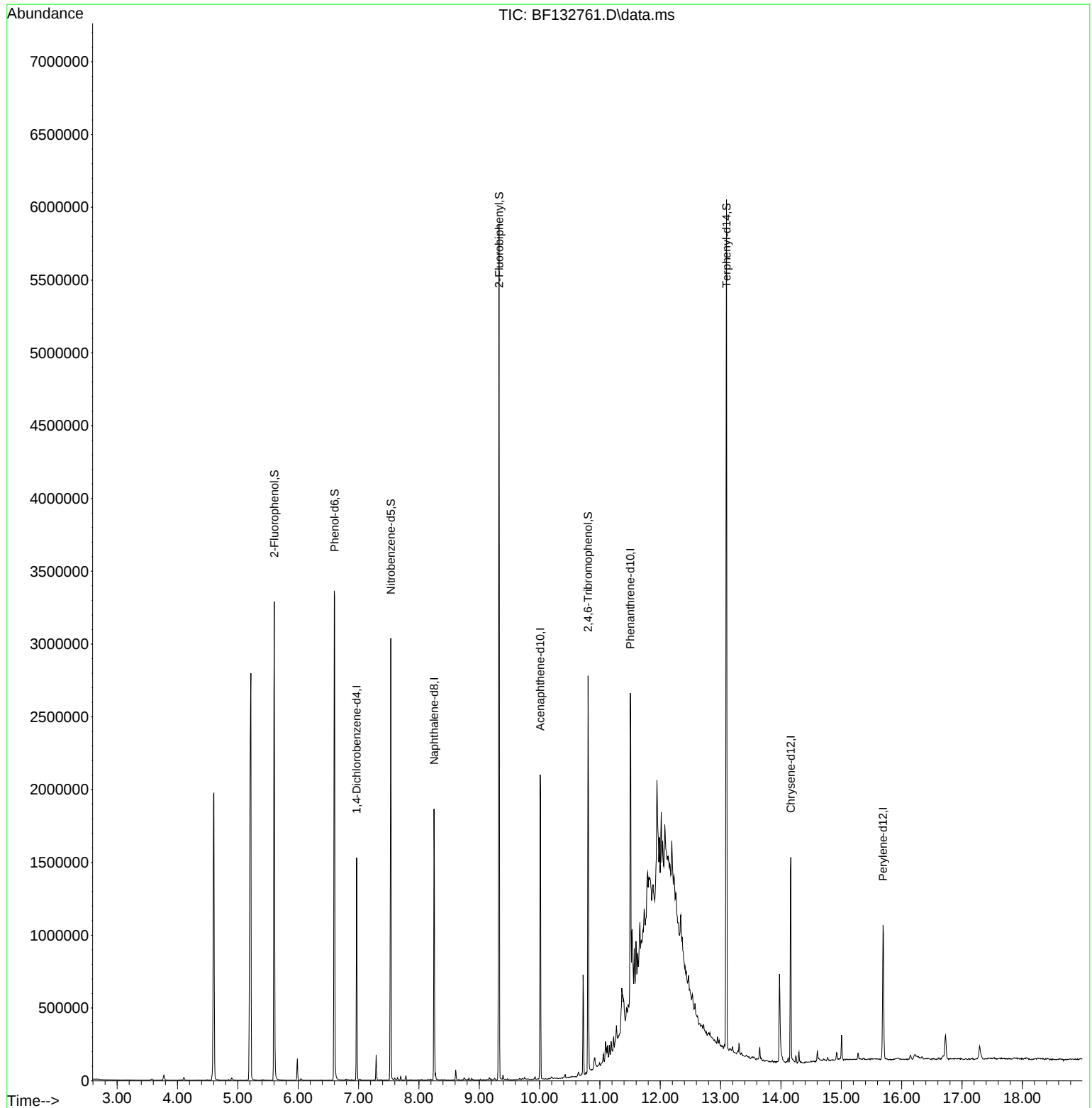
Target Compounds Qvalue

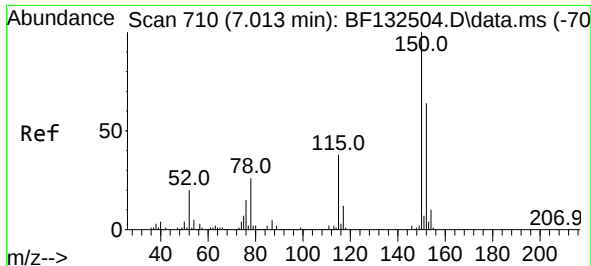
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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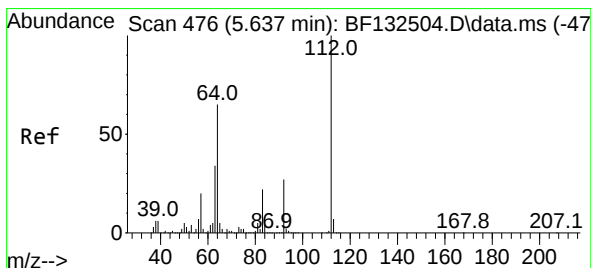
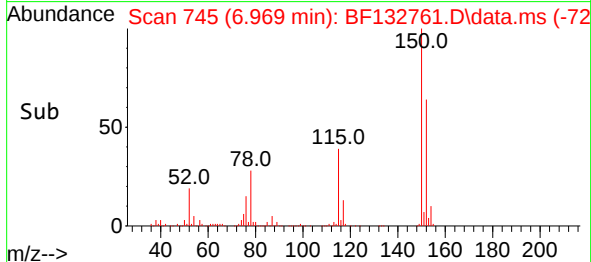
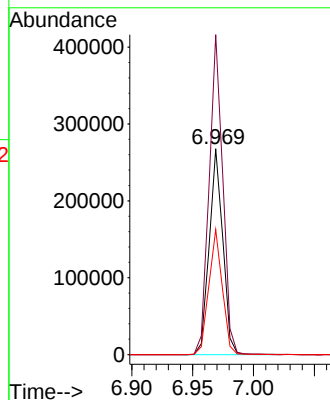
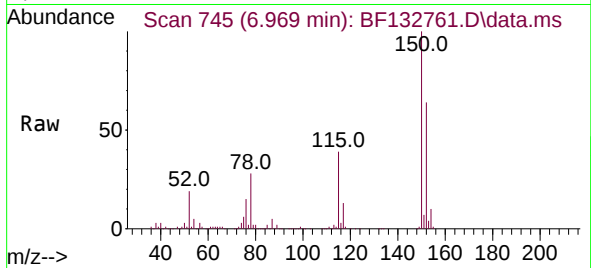




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.969 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF132761.D
 Acq: 13 Mar 2023 15:40

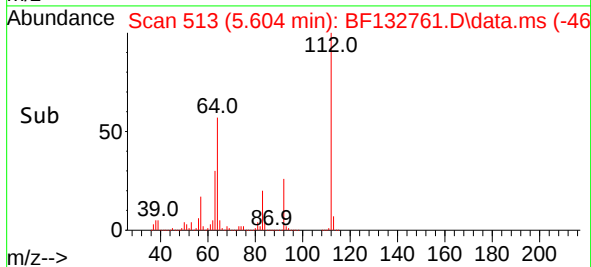
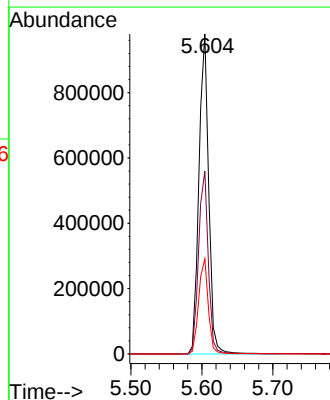
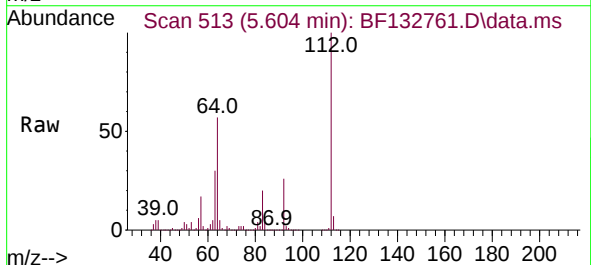
Instrument :
 BNA_F
 ClientSampleId :
 F-1

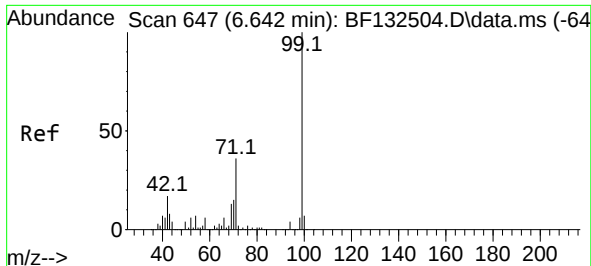
Tgt Ion:152 Resp: 208341
 Ion Ratio Lower Upper
 152 100
 150 155.5 125.4 188.2
 115 60.7 47.8 71.6



#5
 2-Fluorophenol
 Concen: 72.273 ng
 RT: 5.604 min Scan# 513
 Delta R.T. 0.006 min
 Lab File: BF132761.D
 Acq: 13 Mar 2023 15:40

Tgt Ion:112 Resp: 927773
 Ion Ratio Lower Upper
 112 100
 64 57.1 51.6 77.4
 63 29.7 27.4 41.2



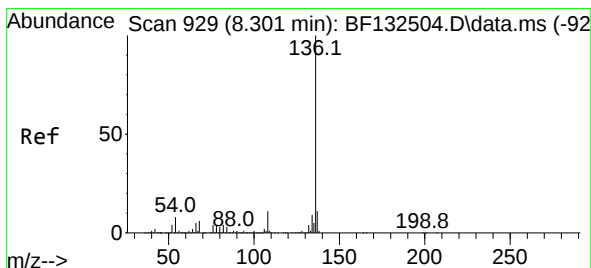
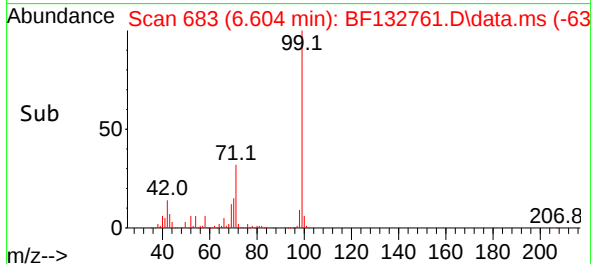
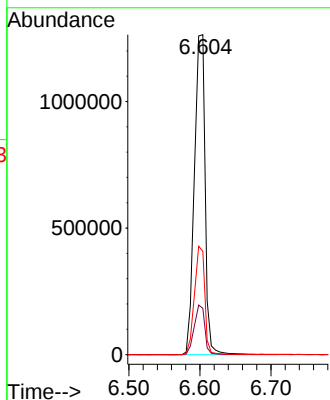
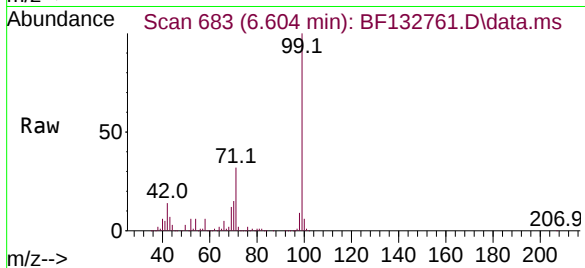


#7
Phenol-d6
Concen: 79.445 ng
RT: 6.604 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132761.D
Acq: 13 Mar 2023 15:40

Instrument :
BNA_F
ClientSampleId :
F-1

Tgt Ion: 99 Resp: 1330981

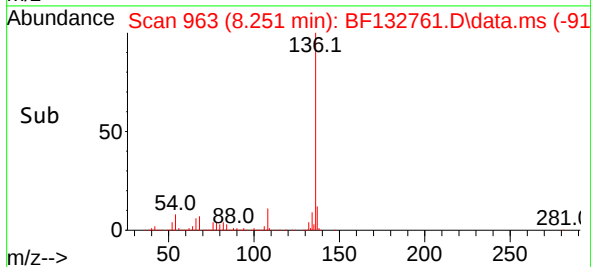
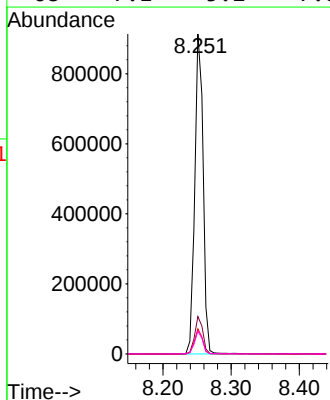
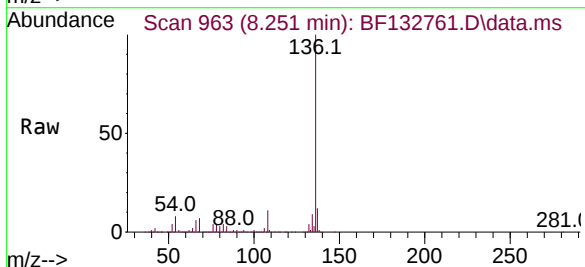
Ion	Ratio	Lower	Upper
99	100		
42	14.5	13.9	20.9
71	32.3	28.5	42.7

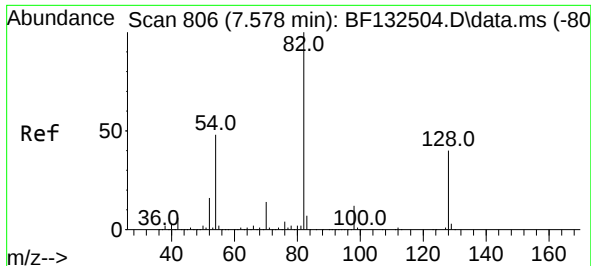


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 963
Delta R.T. -0.006 min
Lab File: BF132761.D
Acq: 13 Mar 2023 15:40

Tgt Ion:136 Resp: 778512

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	7.8	6.2	9.4
68	7.1	5.2	7.8

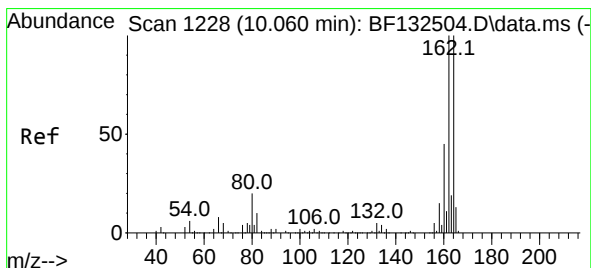
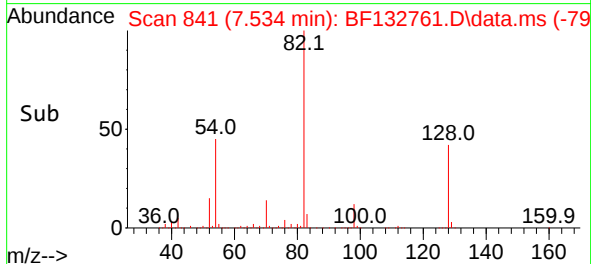
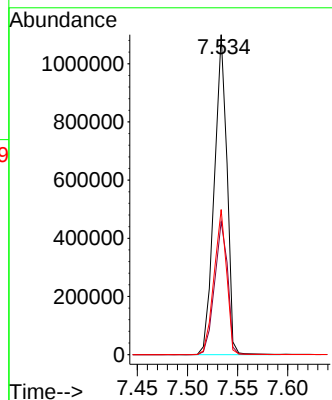
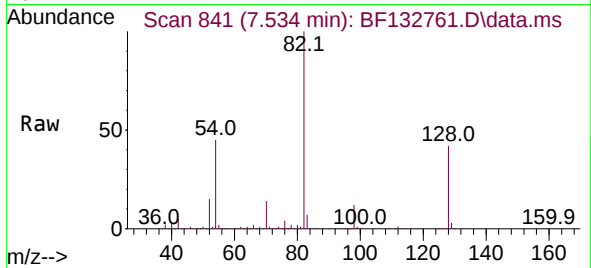




#23
Nitrobenzene-d5
Concen: 58.825 ng
RT: 7.534 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF132761.D
Acq: 13 Mar 2023 15:40

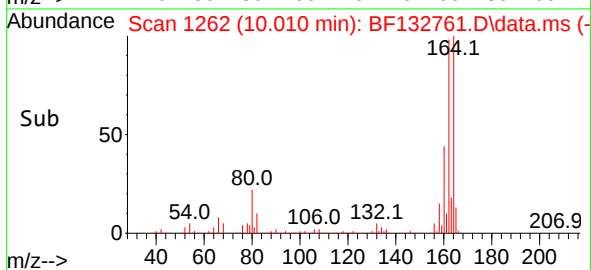
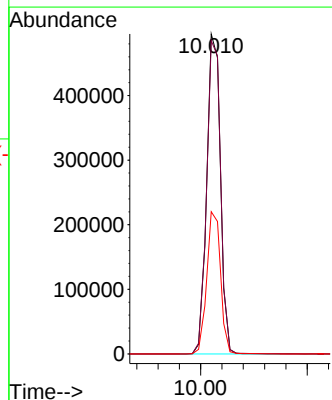
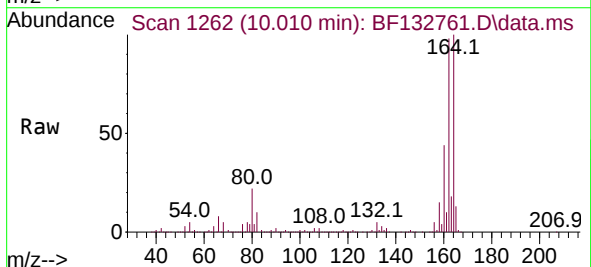
Instrument :
BNA_F
ClientSampleId :
F-1

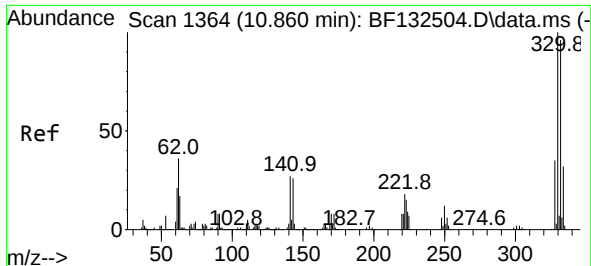
Tgt Ion: 82 Resp: 965250
Ion Ratio Lower Upper
82 100
128 41.6 32.2 48.2
54 45.3 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1262
Delta R.T. -0.012 min
Lab File: BF132761.D
Acq: 13 Mar 2023 15:40

Tgt Ion: 164 Resp: 440041
Ion Ratio Lower Upper
164 100
162 97.9 79.8 119.8
160 44.4 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 68.391 ng

RT: 10.804 min Scan# 1146

Delta R.T. -0.012 min

Lab File: BF132761.D

Acq: 13 Mar 2023 15:40

Instrument :

BNA_F

ClientSampleId :

F-1

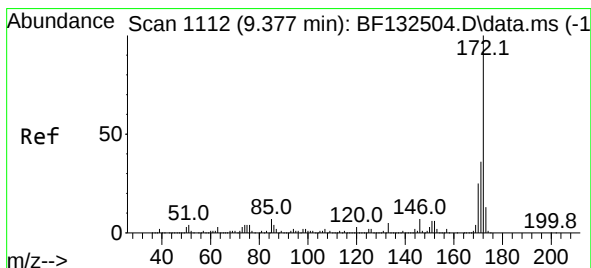
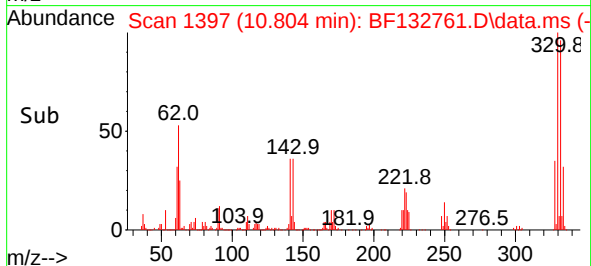
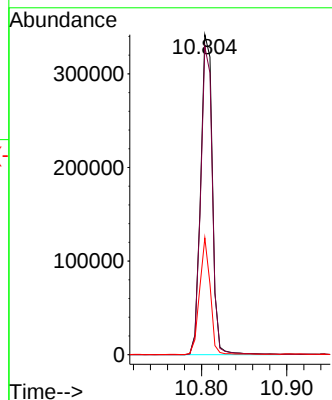
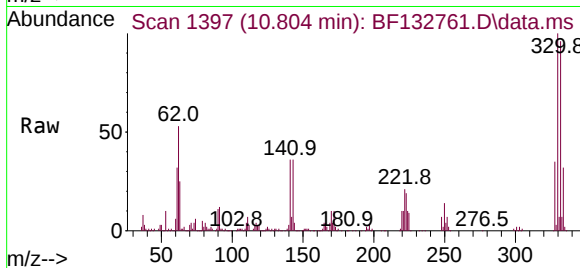
Tgt Ion:330 Resp: 325011

Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.4

141 33.0 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 58.606 ng

RT: 9.328 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF132761.D

Acq: 13 Mar 2023 15:40

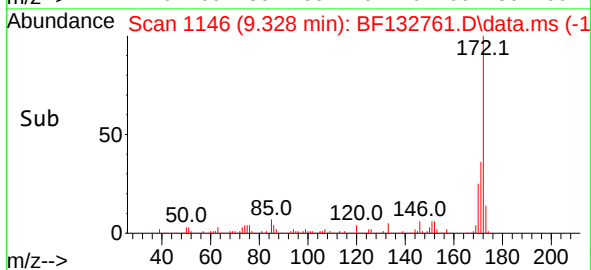
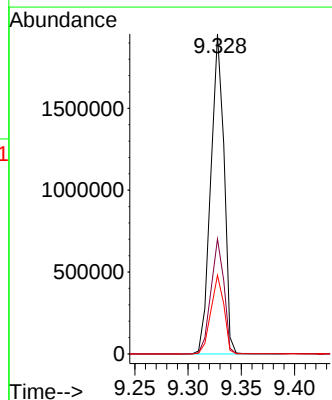
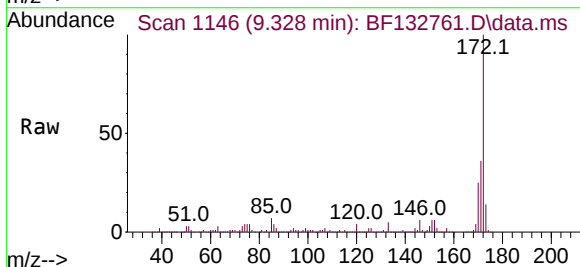
Tgt Ion:172 Resp: 1693691

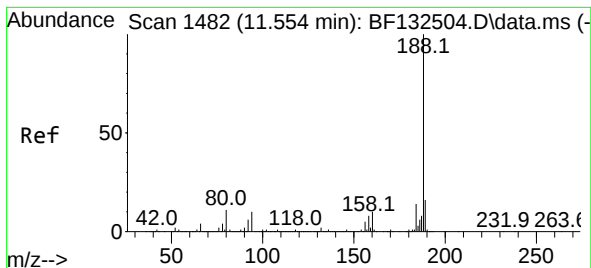
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 24.6 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: BF132761.D

Acq: 13 Mar 2023 15:40

Instrument :

BNA_F

ClientSampleId :

F-1

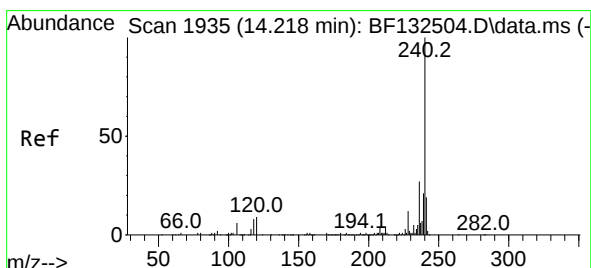
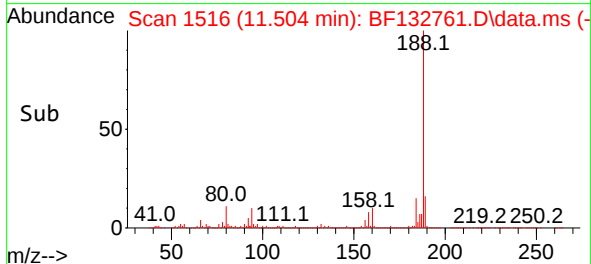
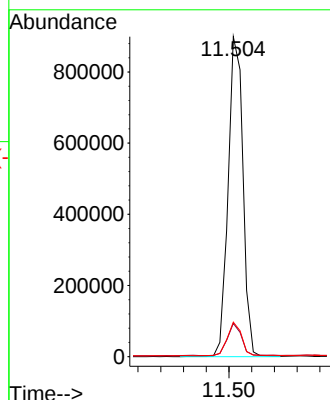
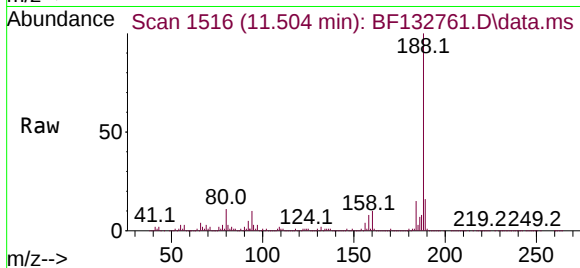
Tgt Ion:188 Resp: 814300

Ion Ratio Lower Upper

188 100

94 10.4 8.3 12.5

80 10.8 8.7 13.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.163 min Scan# 1968

Delta R.T. -0.006 min

Lab File: BF132761.D

Acq: 13 Mar 2023 15:40

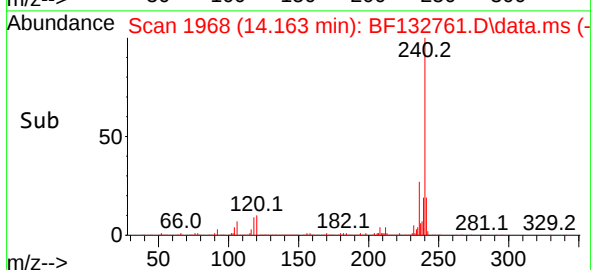
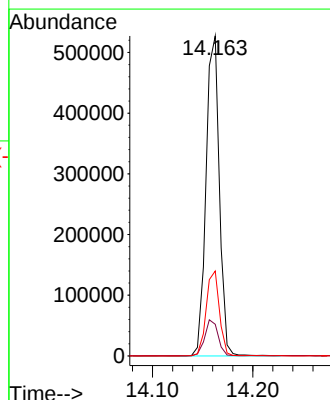
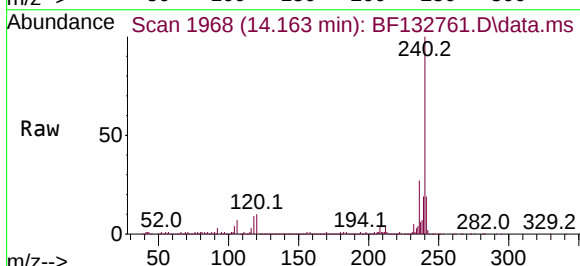
Tgt Ion:240 Resp: 484827

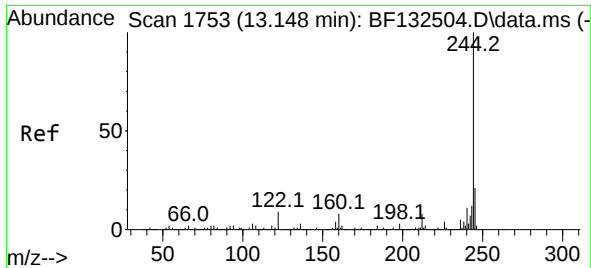
Ion Ratio Lower Upper

240 100

120 9.9 7.2 10.8

236 26.5 21.8 32.6

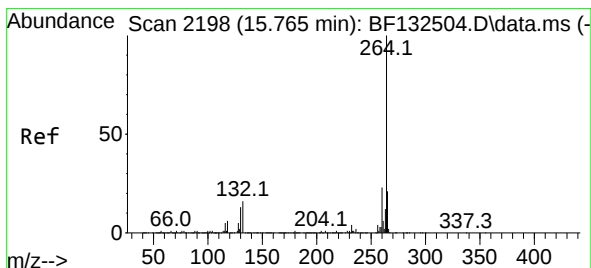
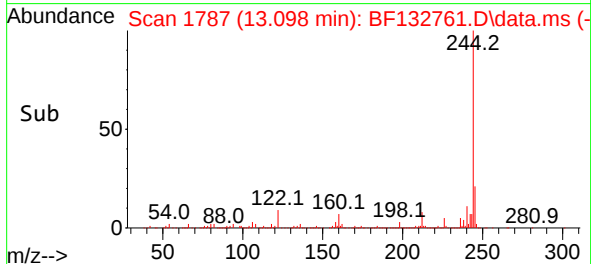
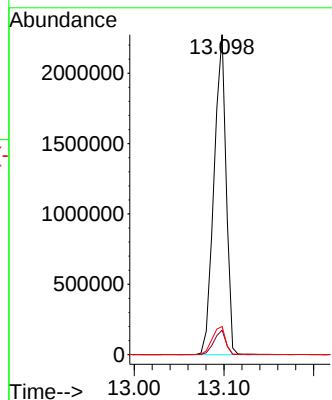
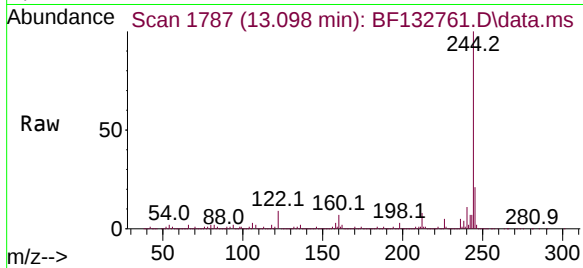




#79
 Terphenyl-d14
 Concen: 74.367 ng
 RT: 13.098 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132761.D
 Acq: 13 Mar 2023 15:40

Instrument :
 BNA_F
 ClientSampleId :
 F-1

Tgt Ion:244 Resp: 2132506
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 8.8 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: BF132761.D
 Acq: 13 Mar 2023 15:40

Tgt Ion:264 Resp: 457589
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 22.3 17.1 25.7

