

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031323\
 Data File : BF132766.D
 Acq On : 13 Mar 2023 18:21
 Operator : CG\JU
 Sample : 01878-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONTROL-HOUSE

Quant Time: Mar 14 01:32:59 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	231554	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	867818	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	487120	20.000	ng	-0.01
64) Phenanthrene-d10	11.504	188	956917	20.000	ng	0.00
76) Chrysene-d12	14.157	240	515996	20.000	ng	#-0.01
86) Perylene-d12	15.692	264	462524	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	793010	55.582	ng	0.00
7) Phenol-d6	6.598	99	1313289	70.531	ng	-0.01
23) Nitrobenzene-d5	7.534	82	1051634	57.494	ng	-0.01
42) 2,4,6-Tribromophenol	10.804	330	246405	46.839	ng	-0.01
45) 2-Fluorobiphenyl	9.328	172	1841373	57.558	ng	0.00
79) Terphenyl-d14	13.098	244	2249203	73.699	ng	0.00

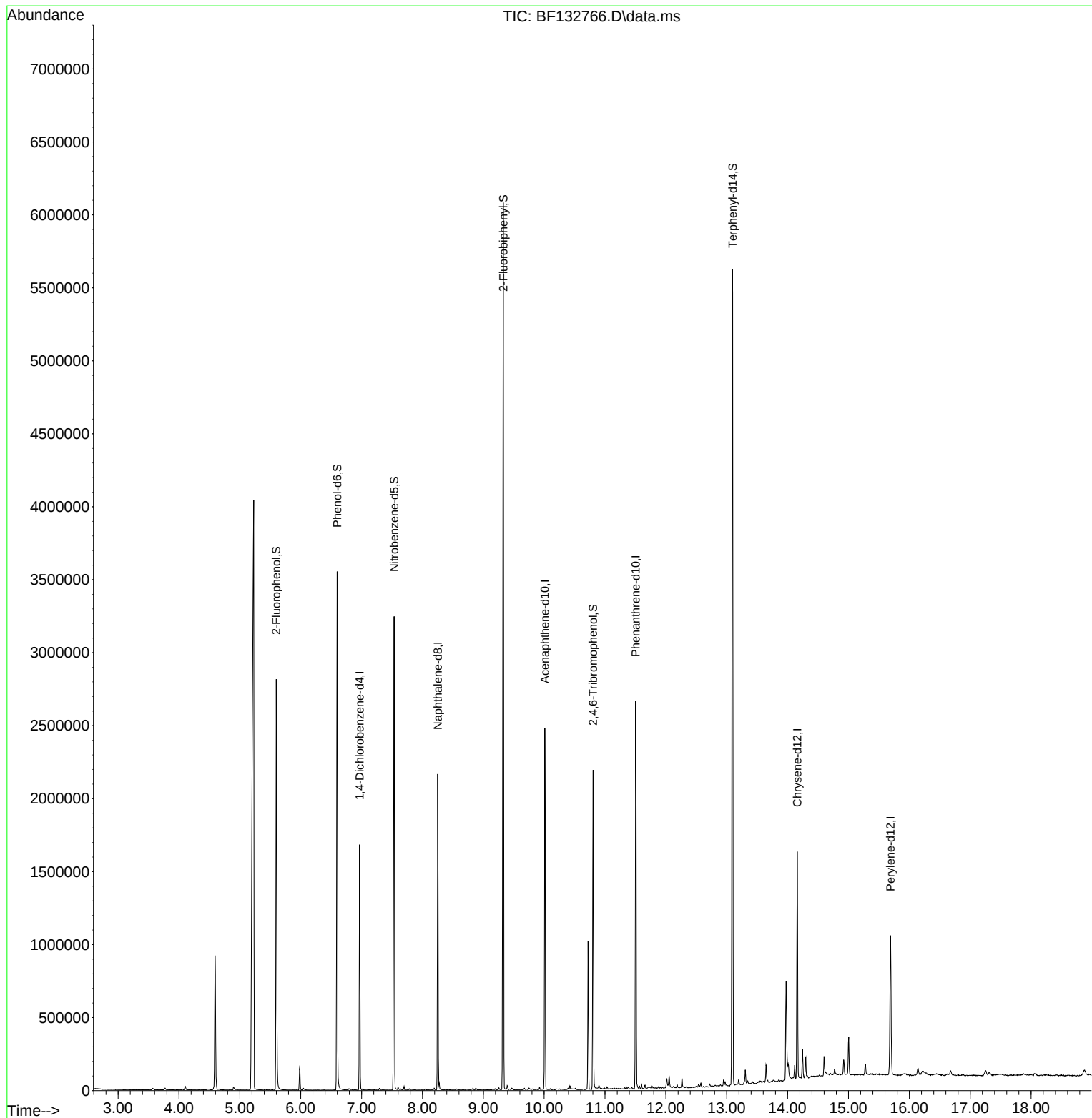
Target Compounds Qvalue

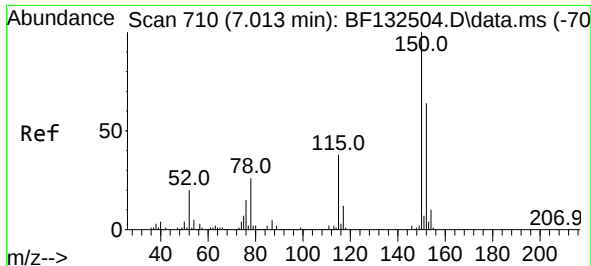
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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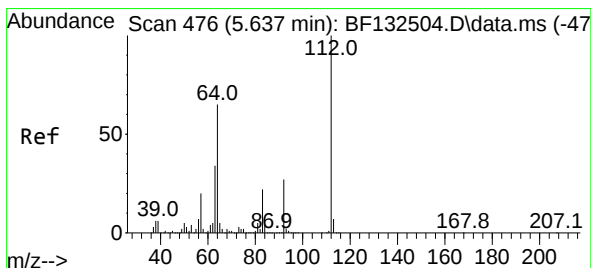
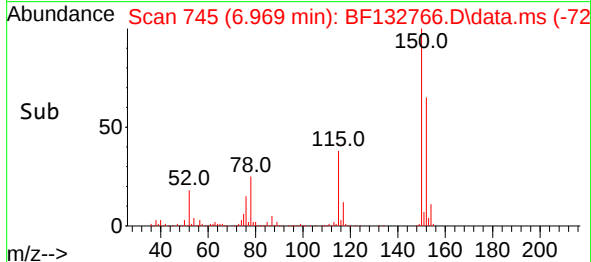
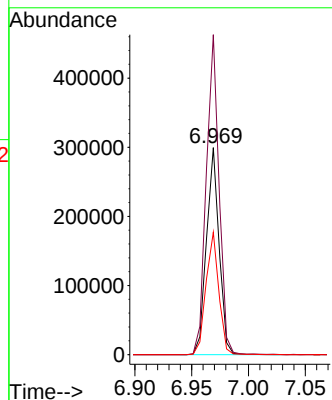
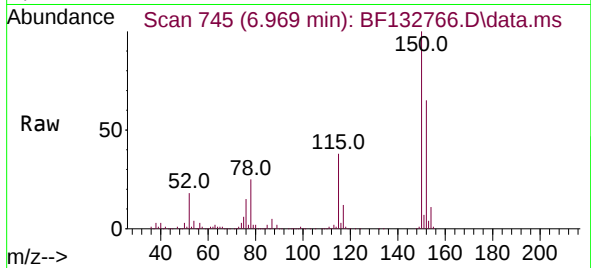




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132766.D
Acq: 13 Mar 2023 18:21

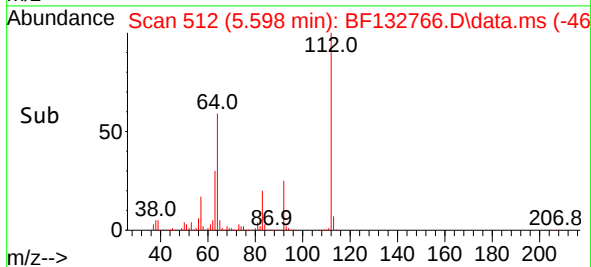
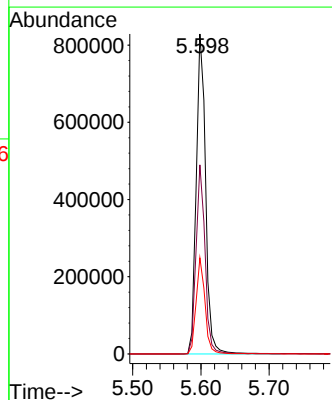
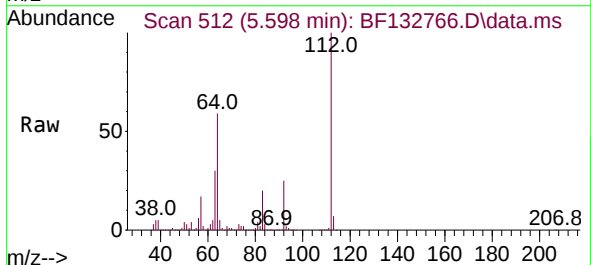
Instrument :
BNA_F
ClientSampleId :
CONTROL-HOUSE

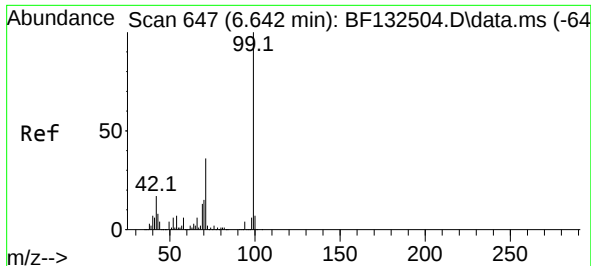
Tgt Ion:152 Resp: 231554
Ion Ratio Lower Upper
152 100
150 154.6 125.4 188.2
115 59.1 47.8 71.6



#5
2-Fluorophenol
Concen: 55.582 ng
RT: 5.598 min Scan# 512
Delta R.T. 0.000 min
Lab File: BF132766.D
Acq: 13 Mar 2023 18:21

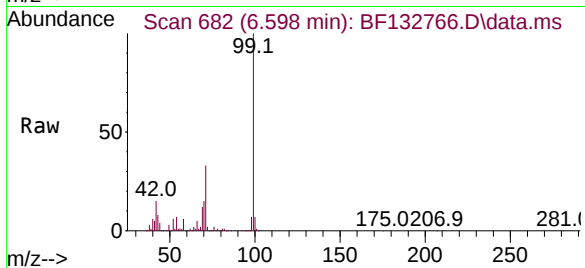
Tgt Ion:112 Resp: 793010
Ion Ratio Lower Upper
112 100
64 59.1 51.6 77.4
63 30.0 27.4 41.2





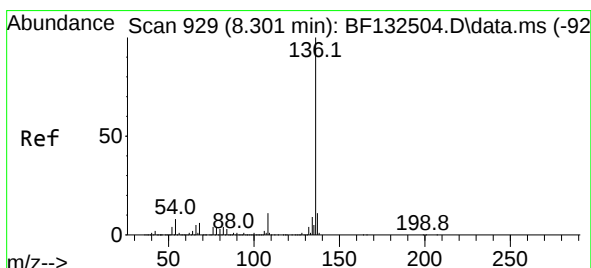
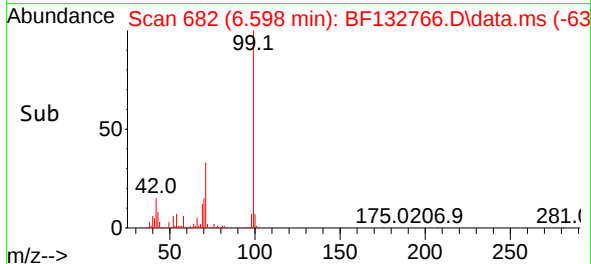
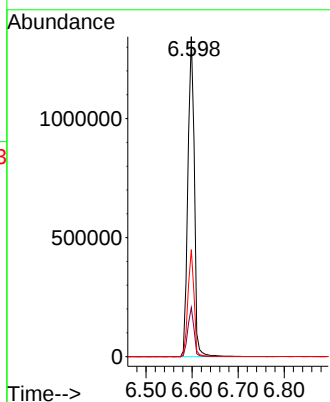
#7
Phenol-d6
Concen: 70.531 ng
RT: 6.598 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF132766.D
Acq: 13 Mar 2023 18:21

Instrument :
BNA_F
ClientSampleId :
CONTROL-HOUSE



Tgt Ion: 99 Resp: 1313289

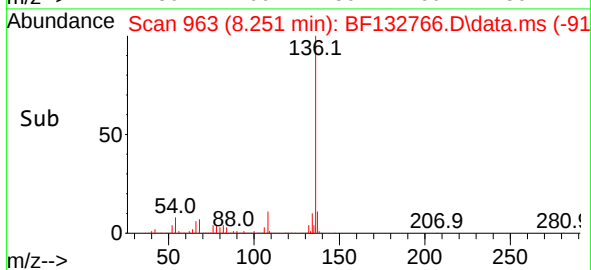
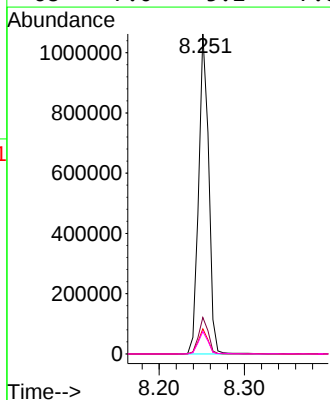
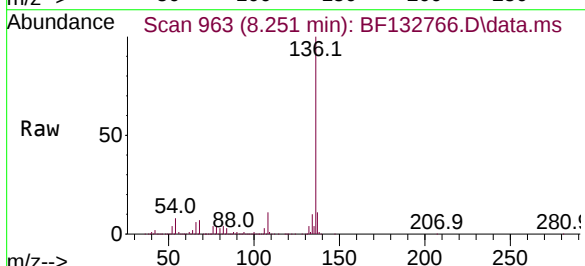
Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.9	20.9
71	33.4	28.5	42.7

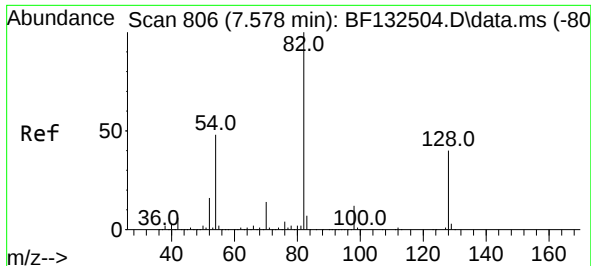


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 963
Delta R.T. -0.006 min
Lab File: BF132766.D
Acq: 13 Mar 2023 18:21

Tgt Ion: 136 Resp: 867818

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.9	6.2	9.4
68	7.0	5.2	7.8

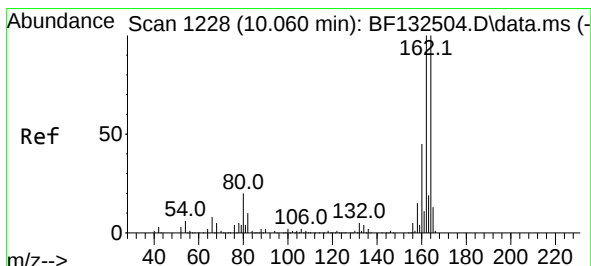
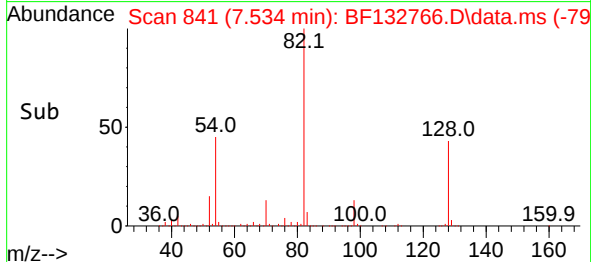
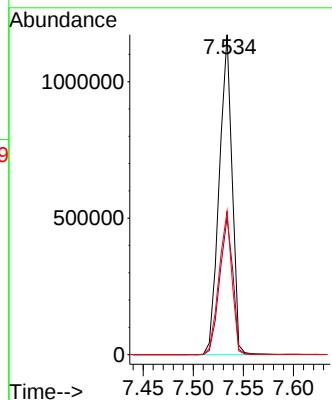
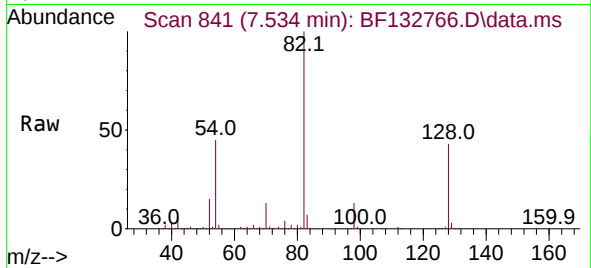




#23
Nitrobenzene-d5
Concen: 57.494 ng
RT: 7.534 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF132766.D
Acq: 13 Mar 2023 18:21

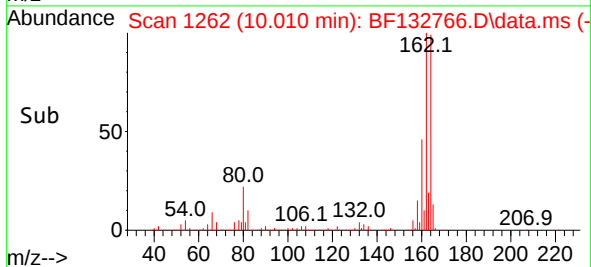
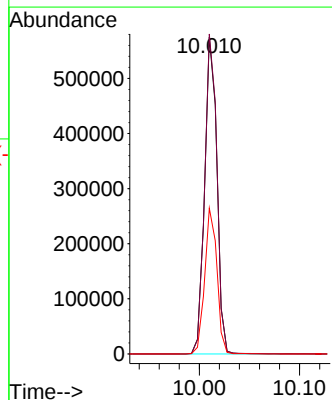
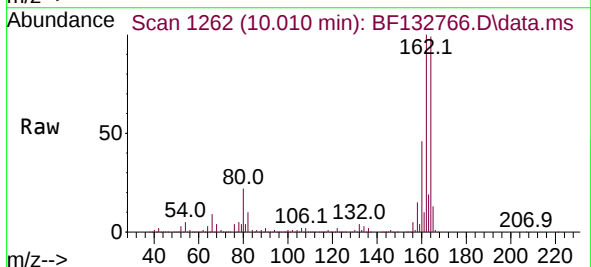
Instrument :
BNA_F
ClientSampleId :
CONTROL-HOUSE

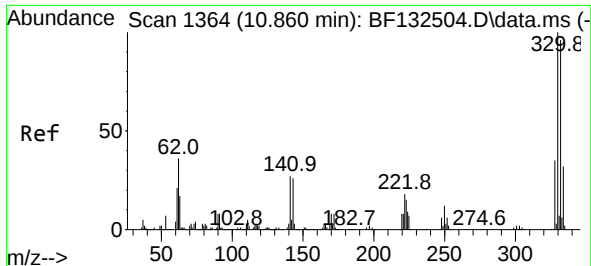
Tgt Ion: 82 Resp: 1051634
Ion Ratio Lower Upper
82 100
128 42.8 32.2 48.2
54 44.8 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 1262
Delta R.T. -0.012 min
Lab File: BF132766.D
Acq: 13 Mar 2023 18:21

Tgt Ion:164 Resp: 487120
Ion Ratio Lower Upper
164 100
162 101.1 79.8 119.8
160 46.0 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 46.839 ng

RT: 10.804 min Scan# 1364

Delta R.T. -0.012 min

Lab File: BF132766.D

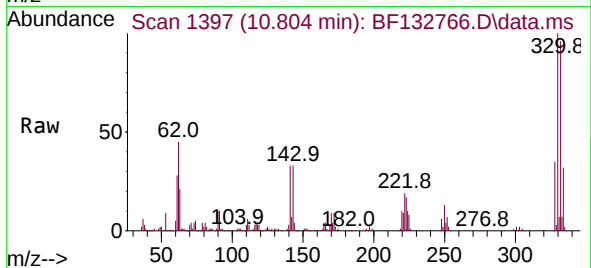
Acq: 13 Mar 2023 18:21

Instrument :

BNA_F

ClientSampleId :

CONTROL-HOUSE



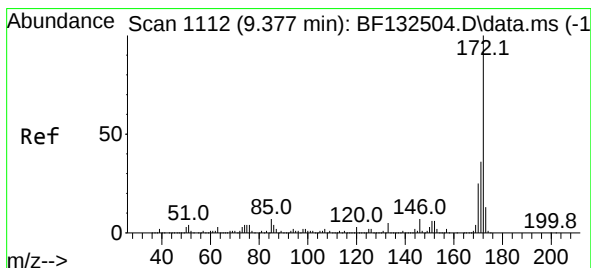
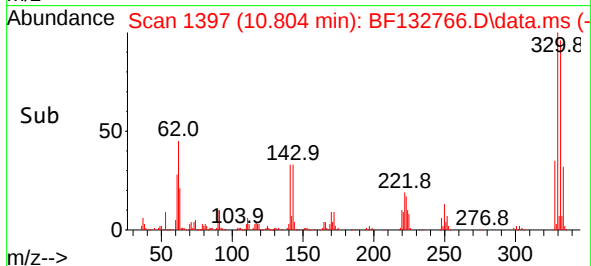
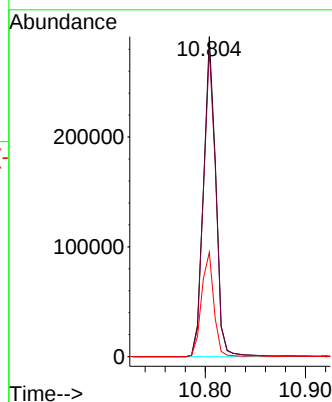
Tgt Ion:330 Resp: 246405

Ion Ratio Lower Upper

330 100

332 96.9 76.2 114.4

141 32.6 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 57.558 ng

RT: 9.328 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF132766.D

Acq: 13 Mar 2023 18:21

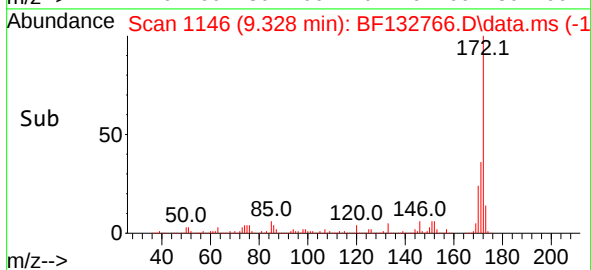
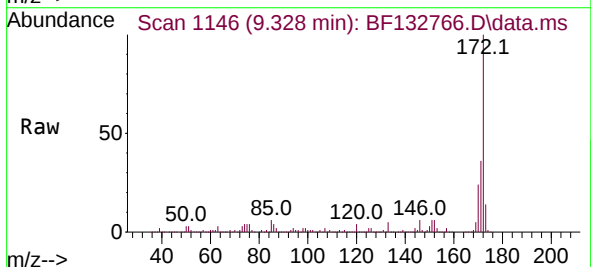
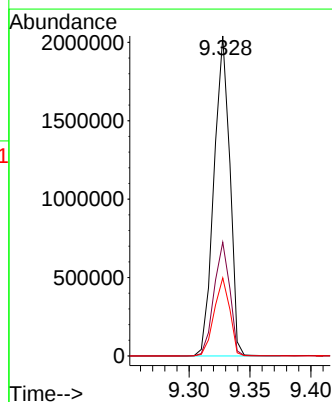
Tgt Ion:172 Resp: 1841373

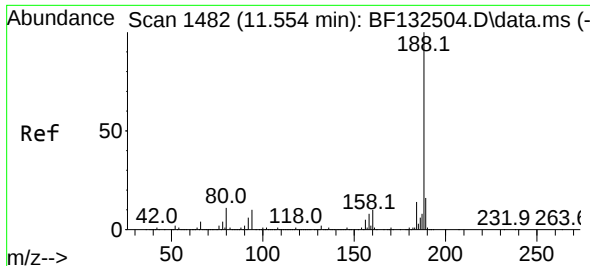
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 24.4 19.7 29.5

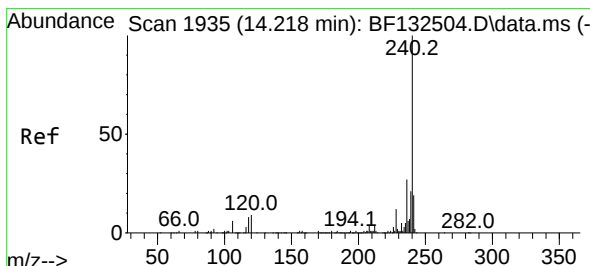
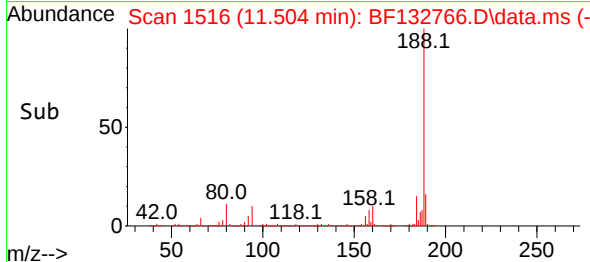
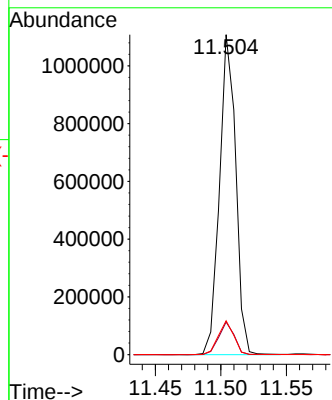
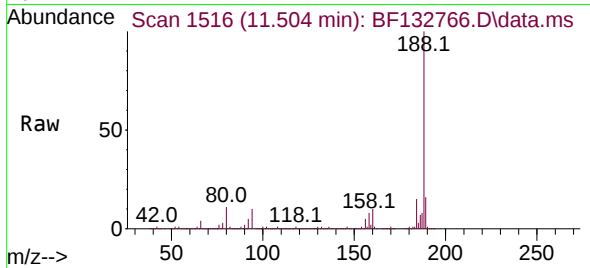




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132766.D
Acq: 13 Mar 2023 18:21

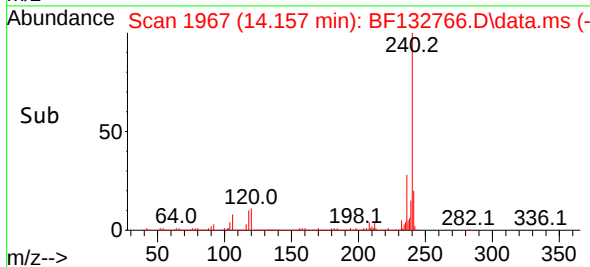
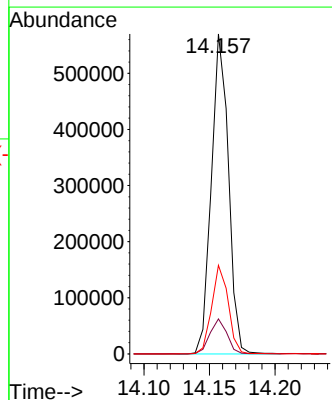
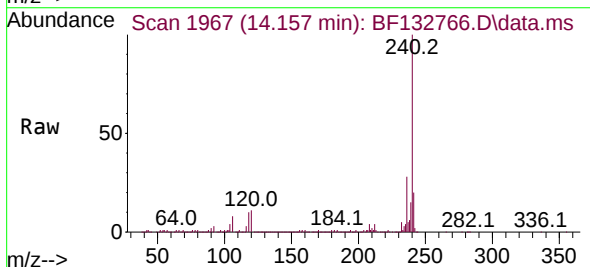
Instrument :
BNA_F
ClientSampleId :
CONTROL-HOUSE

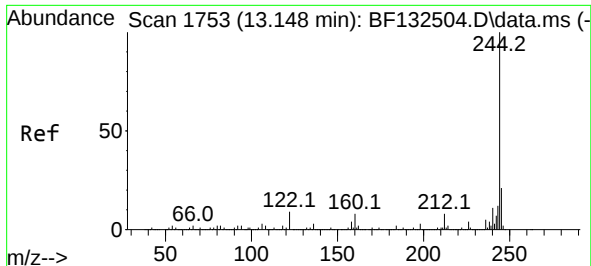
Tgt Ion:188 Resp: 956917
Ion Ratio Lower Upper
188 100
94 10.2 8.3 12.5
80 10.6 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BF132766.D
Acq: 13 Mar 2023 18:21

Tgt Ion:240 Resp: 515996
Ion Ratio Lower Upper
240 100
120 10.9 7.2 10.8#
236 27.7 21.8 32.6

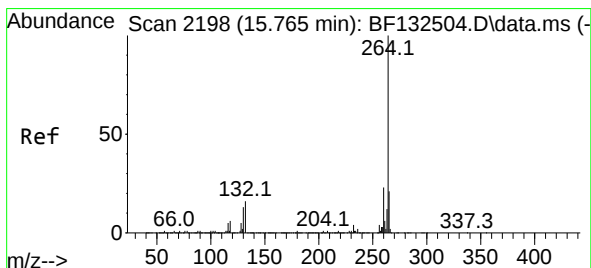
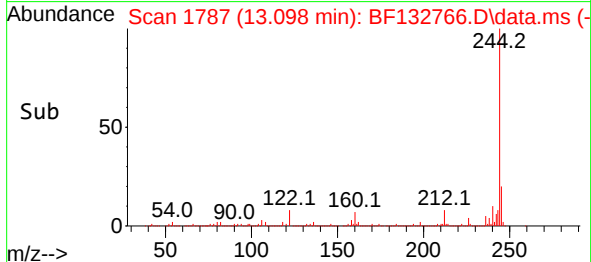
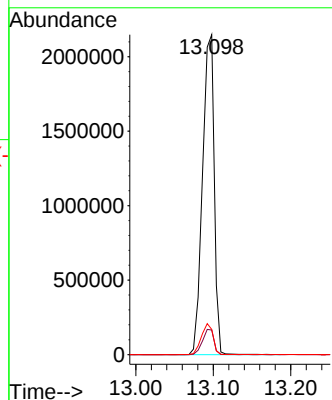
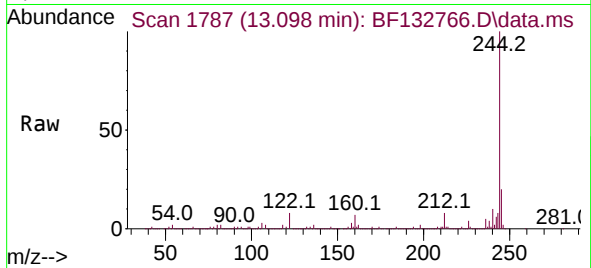




#79
 Terphenyl-d14
 Concen: 73.699 ng
 RT: 13.098 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF132766.D
 Acq: 13 Mar 2023 18:21

Instrument :
 BNA_F
 ClientSampleId :
 CONTROL-HOUSE

Tgt Ion:244 Resp: 2249203
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 7.9 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: BF132766.D
 Acq: 13 Mar 2023 18:21

Tgt Ion:264 Resp: 462524
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 22.0 17.1 25.7

