

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
 Data File : BF132650.D
 Acq On : 06 Mar 2023 15:52
 Operator : CG\JU
 Sample : PB151231BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151231BL

Quant Time: Mar 07 00:54:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	198630	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	753007	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	419302	20.000	ng	0.00
64) Phenanthrene-d10	11.539	188	827309	20.000	ng	0.00
76) Chrysene-d12	14.204	240	572357	20.000	ng	0.00
86) Perylene-d12	15.757	264	466939	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1483408	121.207	ng	0.00
7) Phenol-d6	6.628	99	1930438	120.860	ng	0.00
23) Nitrobenzene-d5	7.569	82	1287337	81.111	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	572020	126.322	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	2063916	74.949	ng	0.00
79) Terphenyl-d14	13.139	244	2673795	78.984	ng	0.00

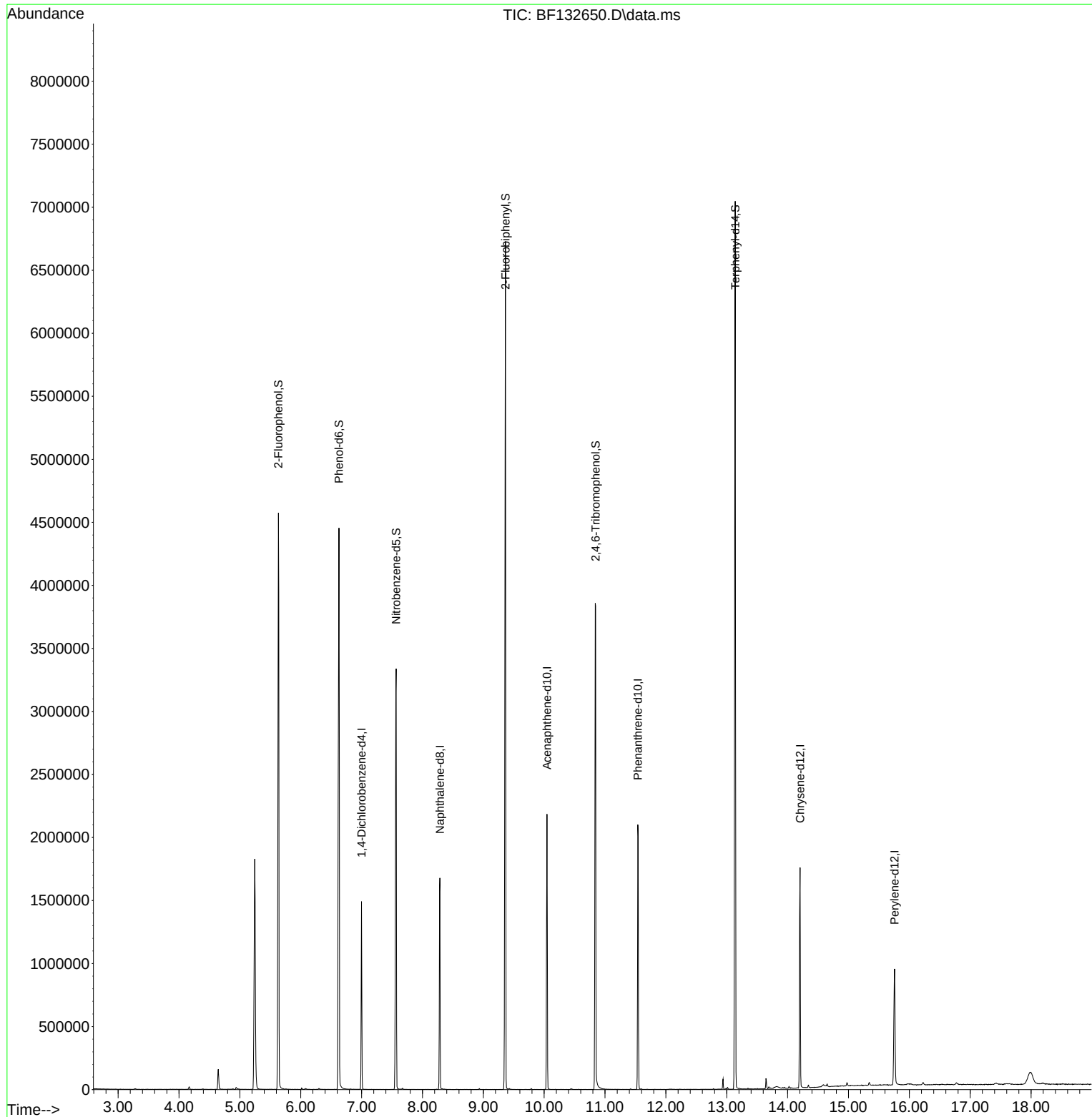
Target Compounds	Qvalue

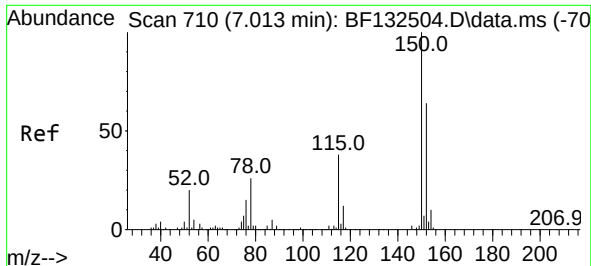
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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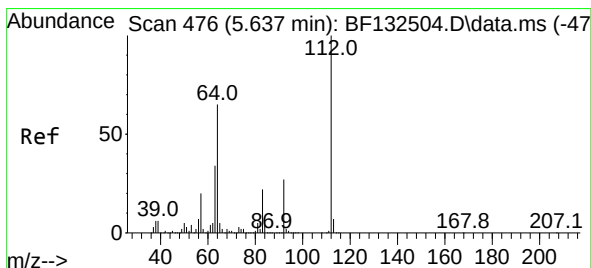
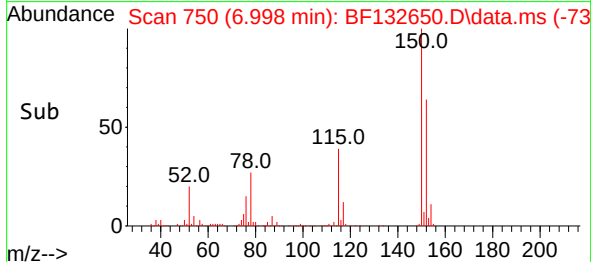
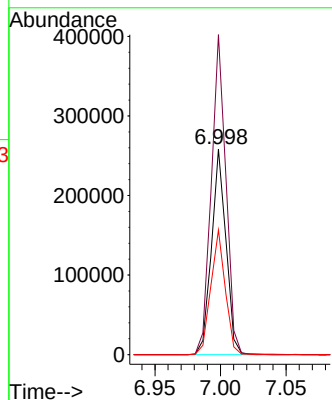
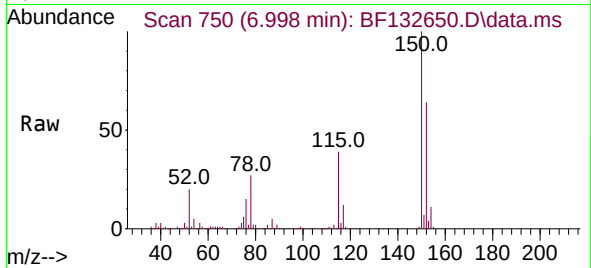




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132650.D
Acq: 06 Mar 2023 15:52

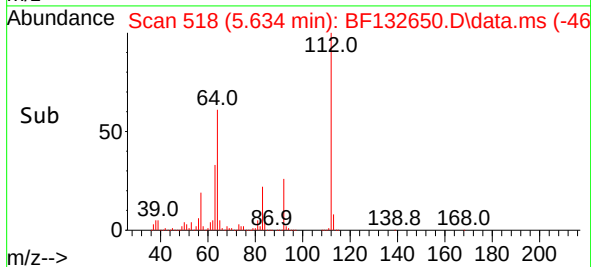
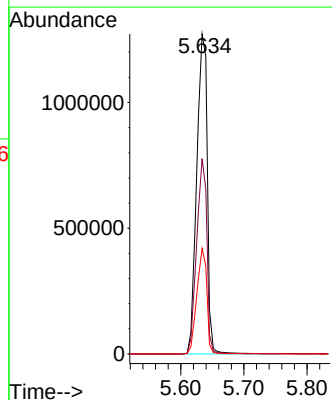
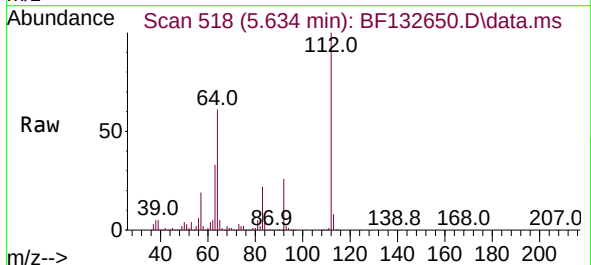
Instrument :
BNA_F
ClientSampleId :
PB151231BL

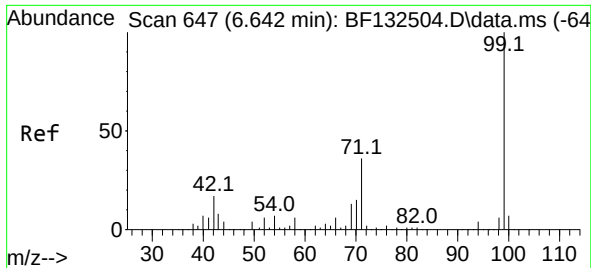
Tgt Ion:152 Resp: 198630
Ion Ratio Lower Upper
152 100
150 155.7 125.4 188.2
115 60.6 47.8 71.6



#5
2-Fluorophenol
Concen: 121.207 ng
RT: 5.634 min Scan# 518
Delta R.T. 0.003 min
Lab File: BF132650.D
Acq: 06 Mar 2023 15:52

Tgt Ion:112 Resp: 1483408
Ion Ratio Lower Upper
112 100
64 61.0 51.6 77.4
63 32.9 27.4 41.2



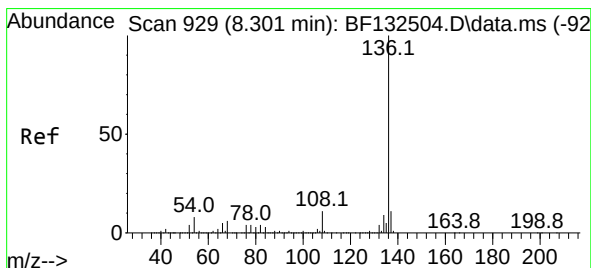
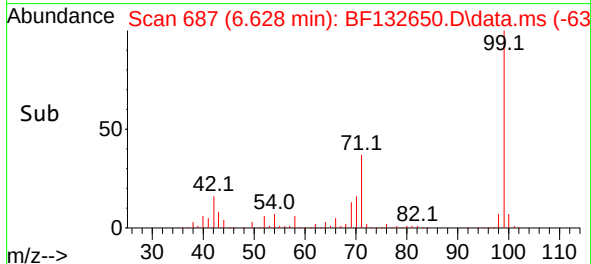
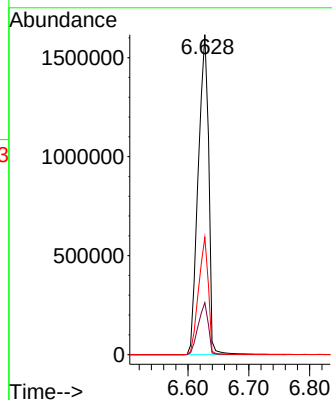
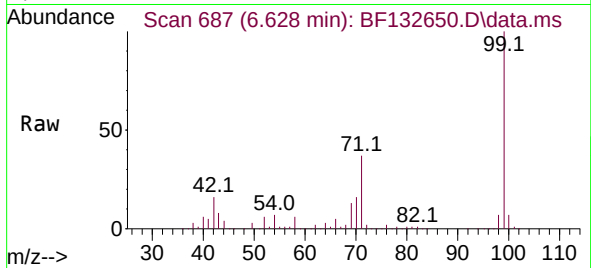


#7
Phenol-d6
Concen: 120.860 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132650.D
Acq: 06 Mar 2023 15:52

Instrument :
BNA_F
ClientSampleId :
PB151231BL

Tgt Ion: 99 Resp: 1930438

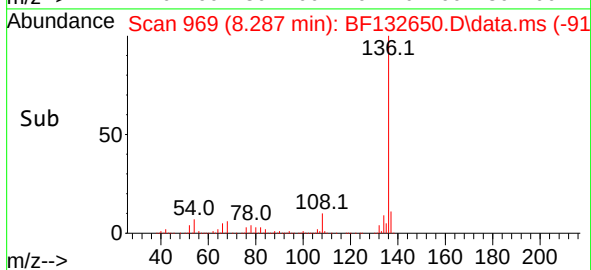
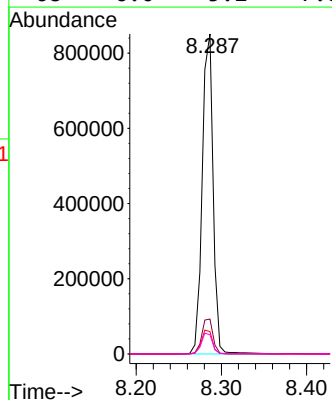
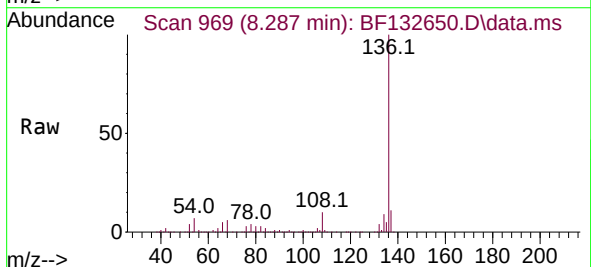
Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.9	20.9
71	36.7	28.5	42.7

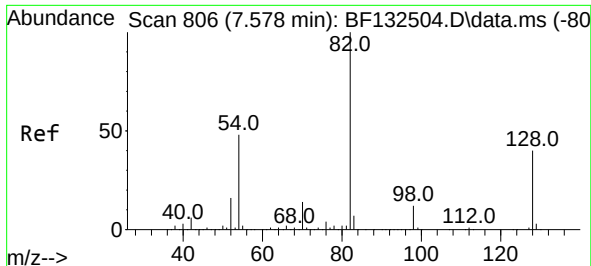


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.287 min Scan# 969
Delta R.T. -0.003 min
Lab File: BF132650.D
Acq: 06 Mar 2023 15:52

Tgt Ion: 136 Resp: 753007

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.0	6.2	9.4
68	6.0	5.2	7.8

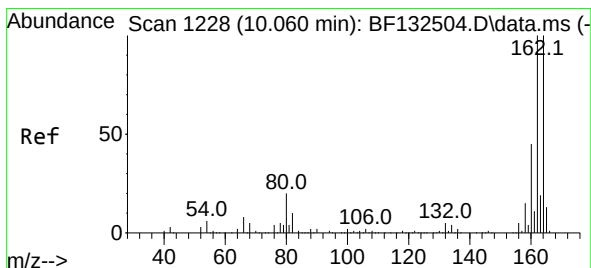
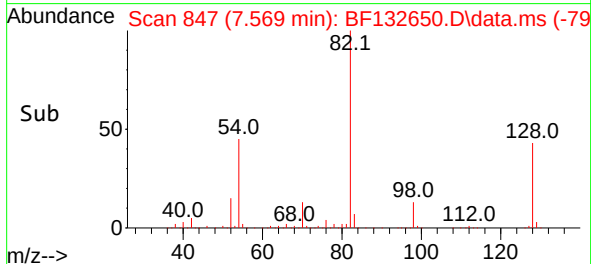
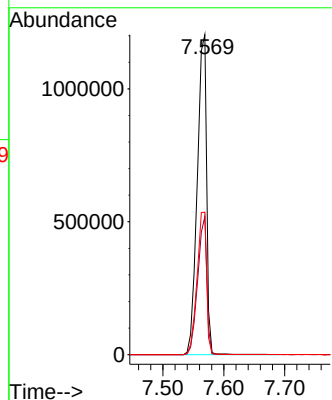
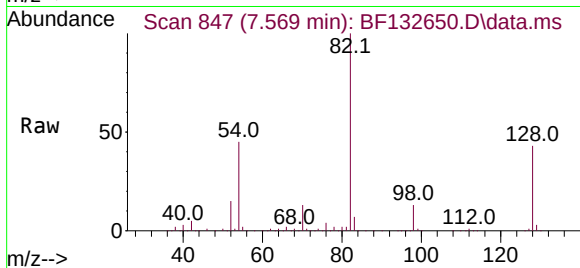




#23
Nitrobenzene-d5
Concen: 81.111 ng
RT: 7.569 min Scan# 84
Delta R.T. -0.003 min
Lab File: BF132650.D
Acq: 06 Mar 2023 15:52

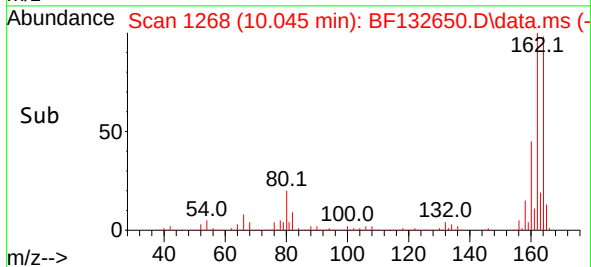
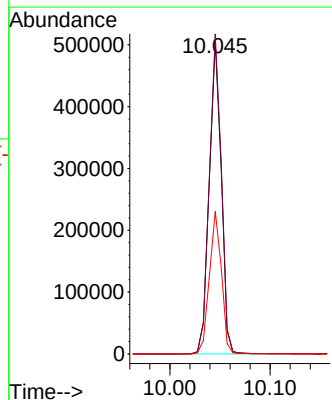
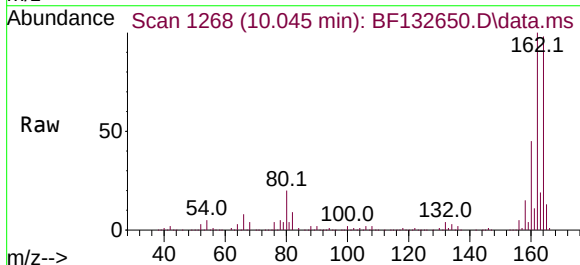
Instrument :
BNA_F
ClientSampleId :
PB151231BL

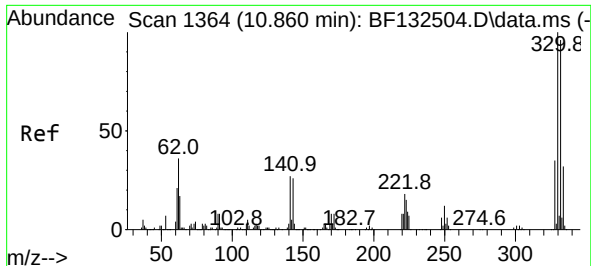
Tgt Ion: 82 Resp: 1287337
Ion Ratio Lower Upper
82 100
128 43.1 32.2 48.2
54 44.5 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.045 min Scan# 1268
Delta R.T. -0.009 min
Lab File: BF132650.D
Acq: 06 Mar 2023 15:52

Tgt Ion:164 Resp: 419302
Ion Ratio Lower Upper
164 100
162 102.4 79.8 119.8
160 45.6 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 126.322 ng

RT: 10.845 min Scan# 1404

Delta R.T. -0.003 min

Lab File: BF132650.D

Acq: 06 Mar 2023 15:52

Instrument :

BNA_F

ClientSampleId :

PB151231BL

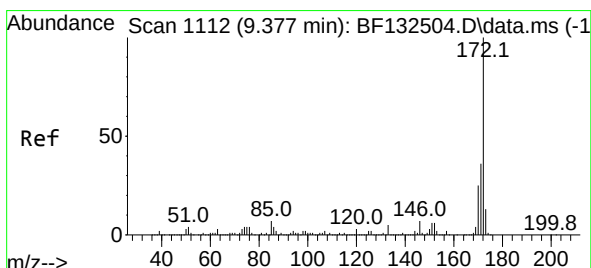
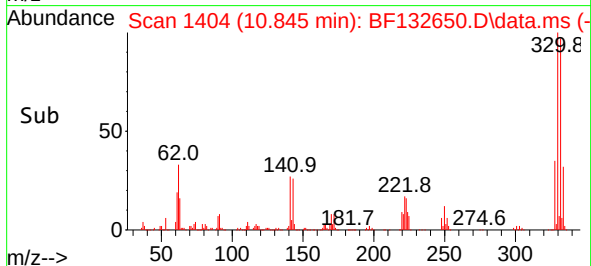
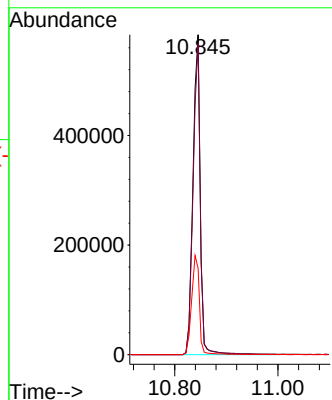
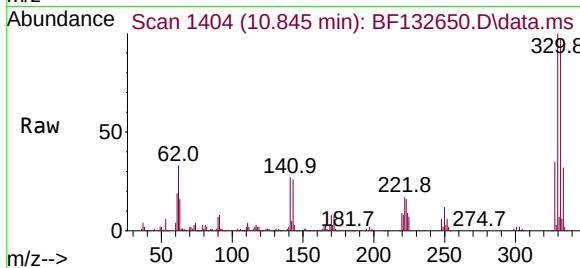
Tgt Ion:330 Resp: 572020

Ion Ratio Lower Upper

330 100

332 95.8 76.2 114.4

141 32.8 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 74.949 ng

RT: 9.363 min Scan# 1152

Delta R.T. -0.009 min

Lab File: BF132650.D

Acq: 06 Mar 2023 15:52

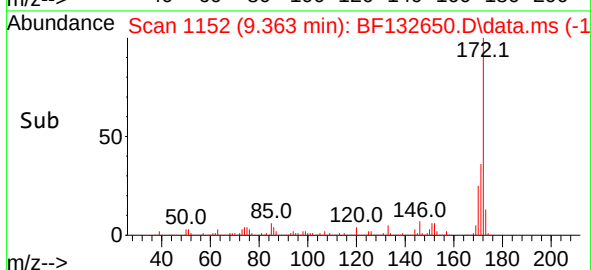
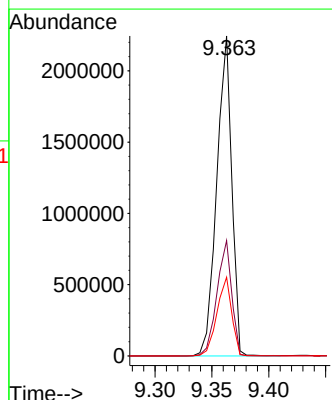
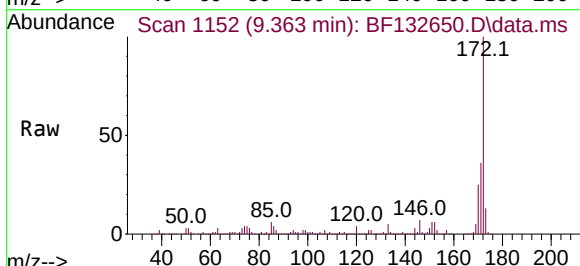
Tgt Ion:172 Resp: 2063916

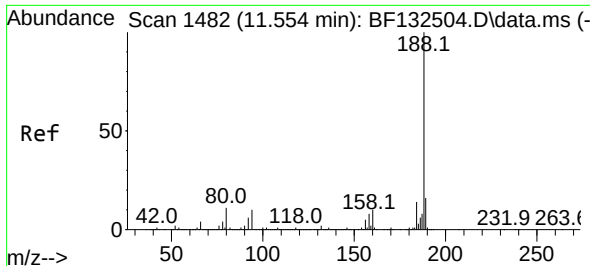
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.6 19.7 29.5

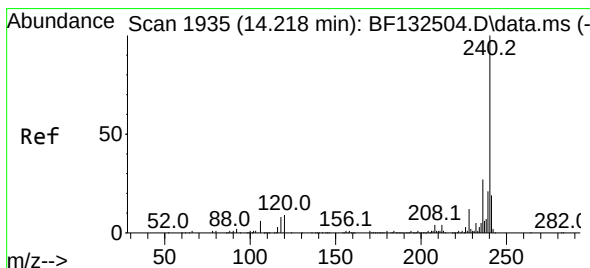
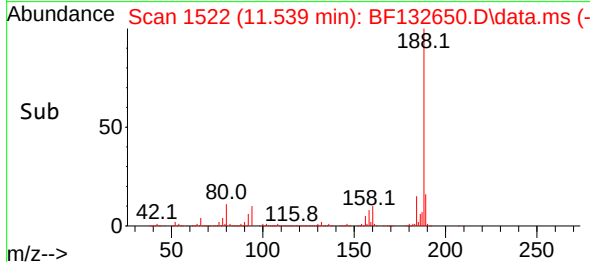
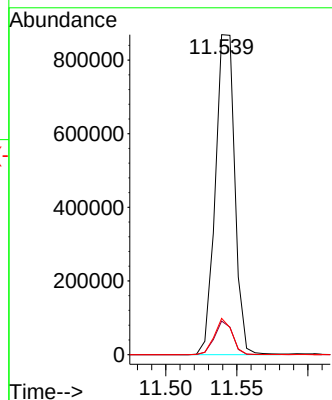
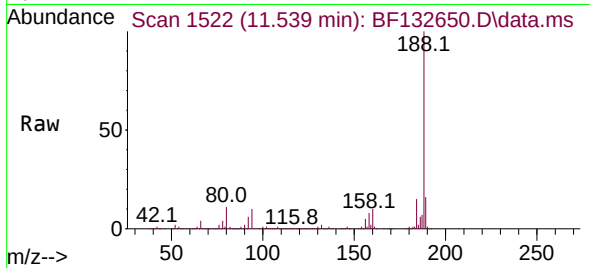




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.539 min Scan# 11
Delta R.T. -0.009 min
Lab File: BF132650.D
Acq: 06 Mar 2023 15:52

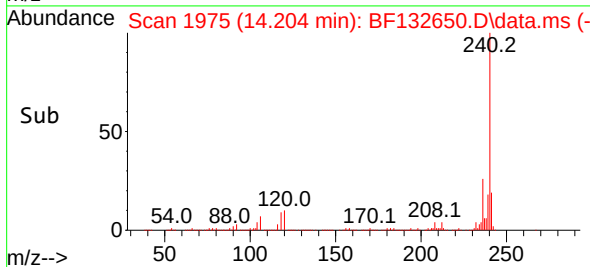
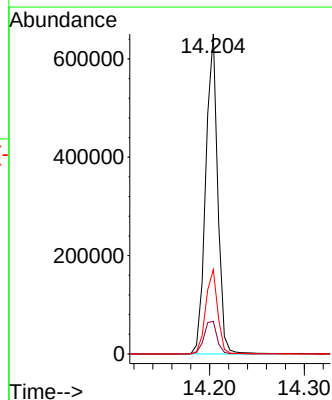
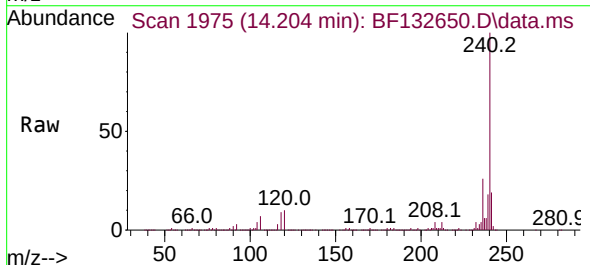
Instrument :
BNA_F
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PB151231BL

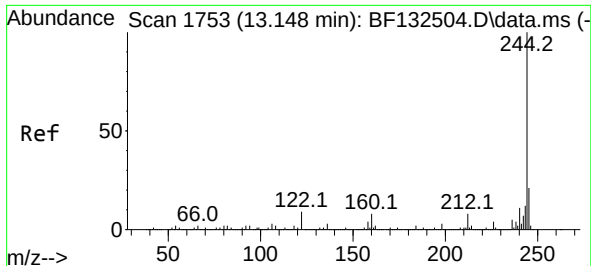
Tgt Ion:188 Resp: 827309
Ion Ratio Lower Upper
188 100
94 10.5 8.3 12.5
80 11.3 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132650.D
Acq: 06 Mar 2023 15:52

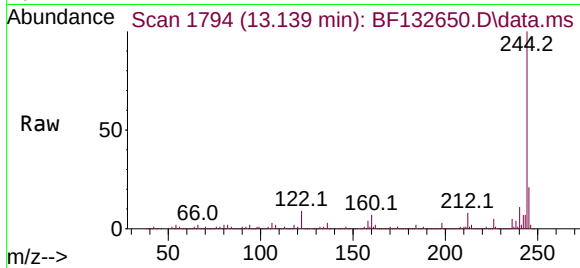
Tgt Ion:240 Resp: 572357
Ion Ratio Lower Upper
240 100
120 10.2 7.2 10.8
236 26.3 21.8 32.6



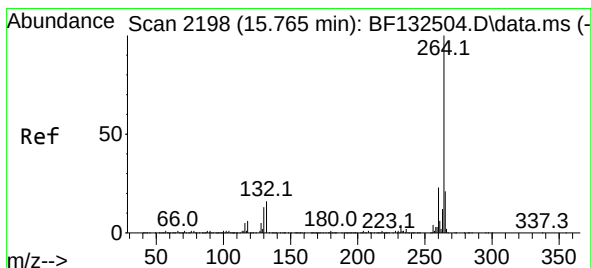
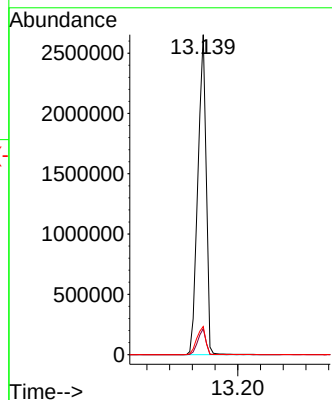
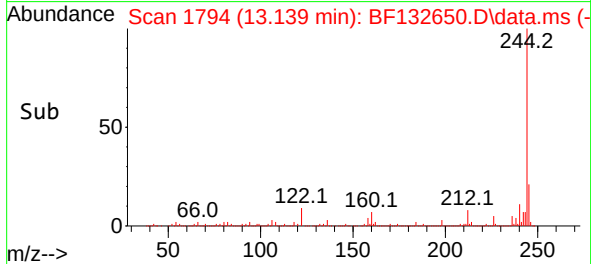


#79
 Terphenyl-d14
 Concen: 78.984 ng
 RT: 13.139 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: BF132650.D
 Acq: 06 Mar 2023 15:52

Instrument :
 BNA_F
 ClientSampleId :
 PB151231BL



Tgt Ion:244 Resp: 2673795
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 8.8 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.757 min Scan# 2239
 Delta R.T. 0.003 min
 Lab File: BF132650.D
 Acq: 06 Mar 2023 15:52

Tgt Ion:264 Resp: 466939
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.8 28.2
 265 21.6 17.1 25.7

