

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022223\
 Data File : BF132510.D
 Acq On : 22 Feb 2023 17:35
 Operator : CG\JU
 Sample : PB151002BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151002BL

Quant Time: Feb 23 01:17:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 23 00:59:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.007	152	197214	20.000	ng	0.00
21) Naphthalene-d8	8.295	136	734256	20.000	ng	0.00
39) Acenaphthene-d10	10.054	164	409071	20.000	ng	0.00
64) Phenanthrene-d10	11.554	188	786222	20.000	ng	0.00
76) Chrysene-d12	14.207	240	631119	20.000	ng	#-0.01
86) Perylene-d12	15.766	264	556384	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	1513020	124.514	ng	0.01
7) Phenol-d6	6.643	99	1967252	124.049	ng	0.00
23) Nitrobenzene-d5	7.572	82	1349318	87.187	ng	0.00
42) 2,4,6-Tribromophenol	10.854	330	553059	125.189	ng	0.00
45) 2-Fluorobiphenyl	9.372	172	2087710	77.710	ng	0.00
79) Terphenyl-d14	13.148	244	2732020	73.190	ng	0.00

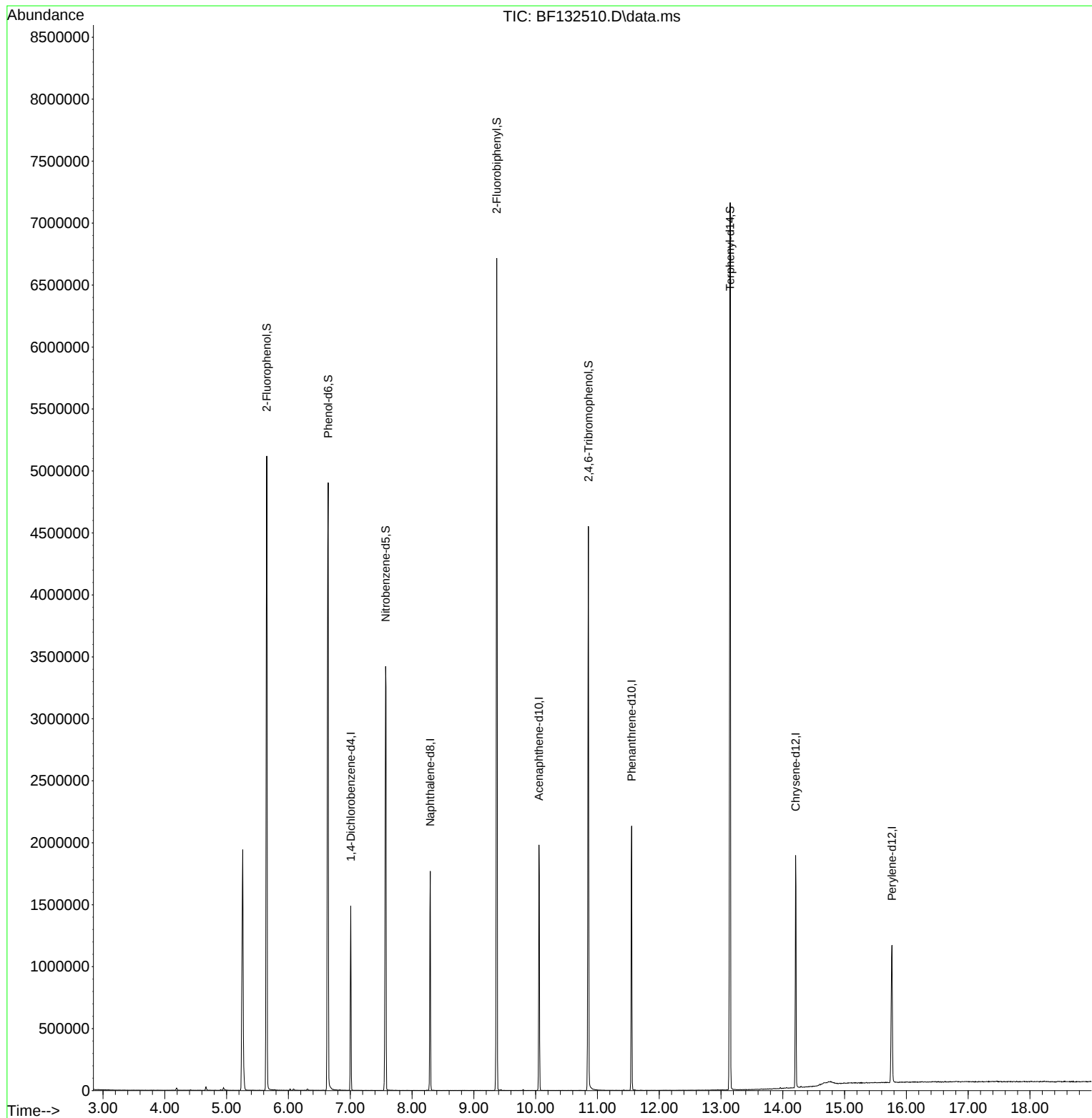
Target Compounds	Qvalue

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

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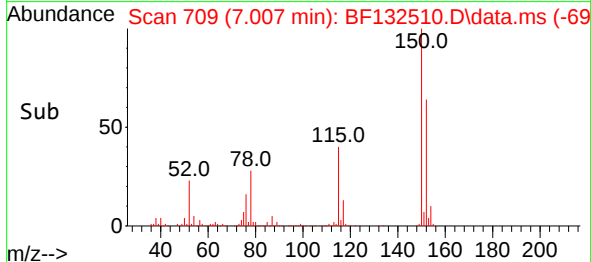
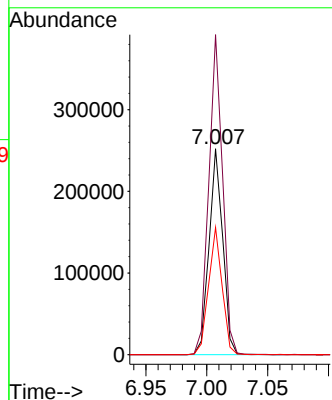
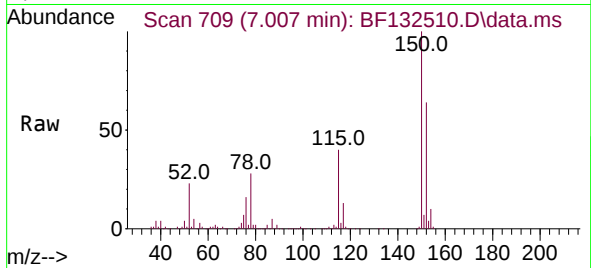




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.007 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: BF132510.D
 Acq: 22 Feb 2023 17:35

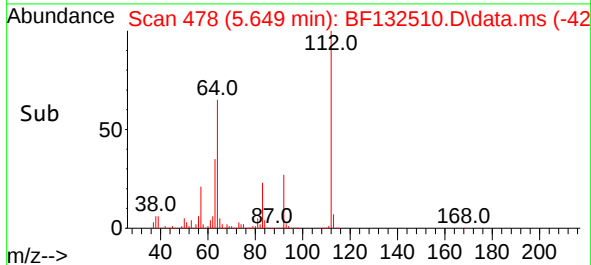
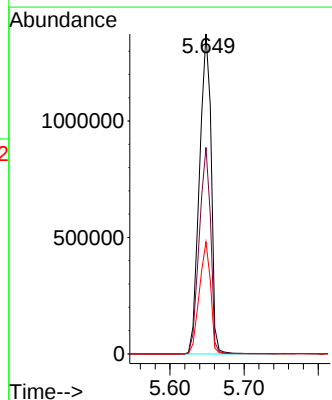
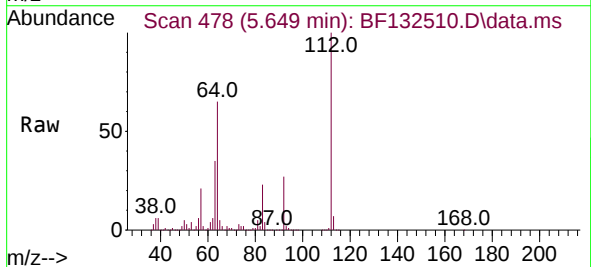
Instrument :
 BNA_F
 ClientSampleId :
 PB151002BL

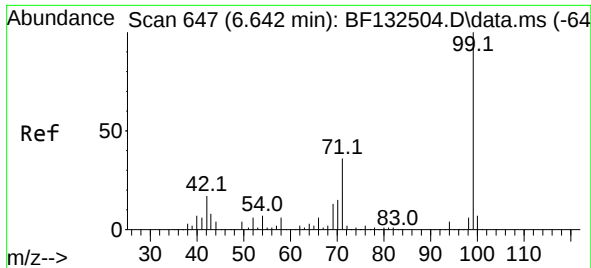
Tgt Ion:152 Resp: 197214
 Ion Ratio Lower Upper
 152 100
 150 155.5 125.4 188.2
 115 61.7 47.8 71.6



#5
 2-Fluorophenol
 Concen: 124.514 ng
 RT: 5.649 min Scan# 478
 Delta R.T. 0.012 min
 Lab File: BF132510.D
 Acq: 22 Feb 2023 17:35

Tgt Ion:112 Resp: 1513020
 Ion Ratio Lower Upper
 112 100
 64 64.5 51.6 77.4
 63 35.0 27.4 41.2



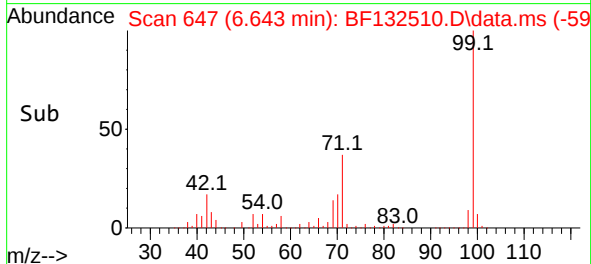
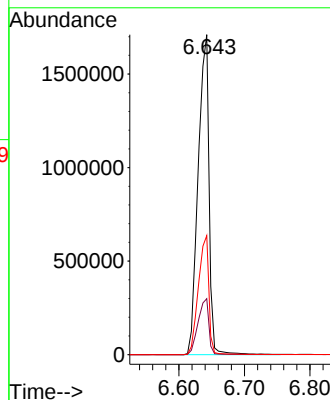
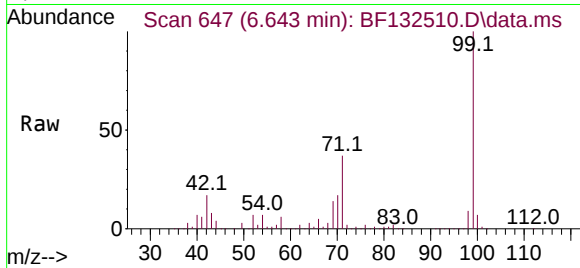


#7
Phenol-d6
Concen: 124.049 ng
RT: 6.643 min Scan# 64
Delta R.T. 0.000 min
Lab File: BF132510.D
Acq: 22 Feb 2023 17:35

Instrument :
BNA_F
ClientSampleId :
PB151002BL

Tgt Ion: 99 Resp: 1967252

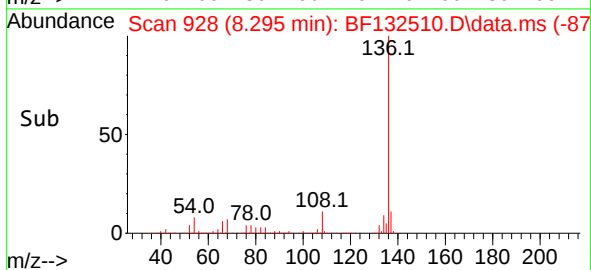
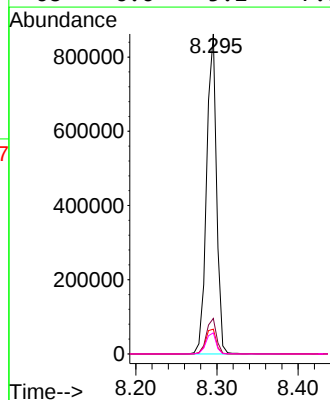
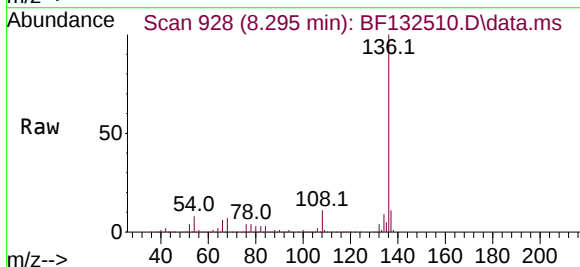
Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.9	20.9
71	37.2	28.5	42.7

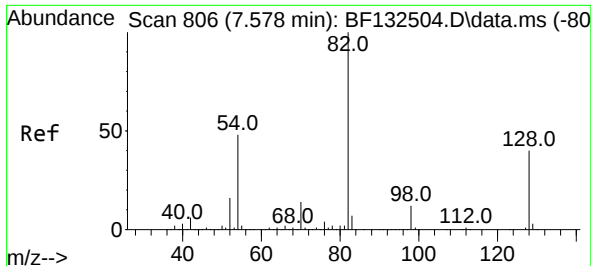


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.295 min Scan# 928
Delta R.T. -0.006 min
Lab File: BF132510.D
Acq: 22 Feb 2023 17:35

Tgt Ion:136 Resp: 734256

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.7	6.2	9.4
68	6.6	5.2	7.8

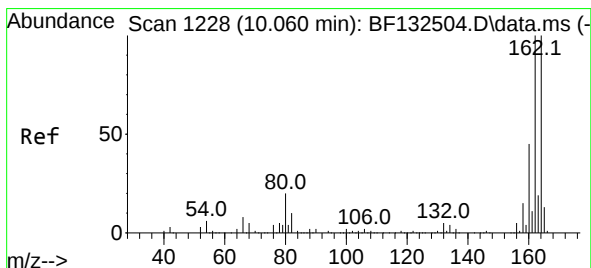
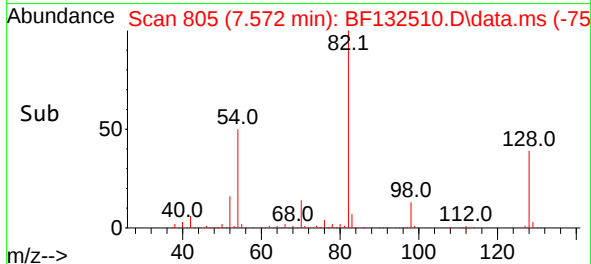
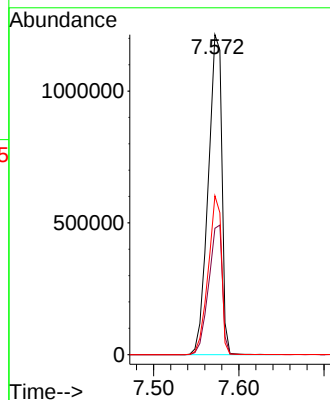
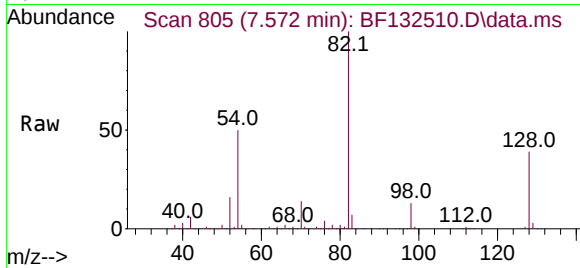




#23
 Nitrobenzene-d5
 Concen: 87.187 ng
 RT: 7.572 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF132510.D
 Acq: 22 Feb 2023 17:35

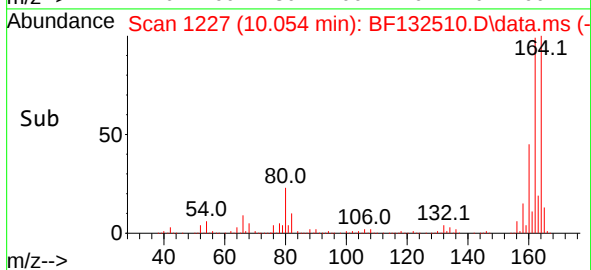
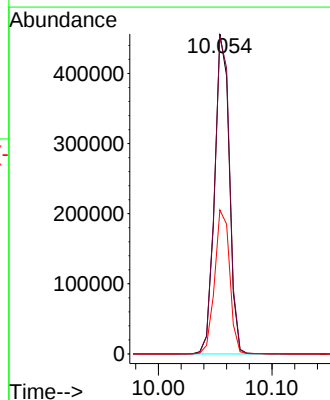
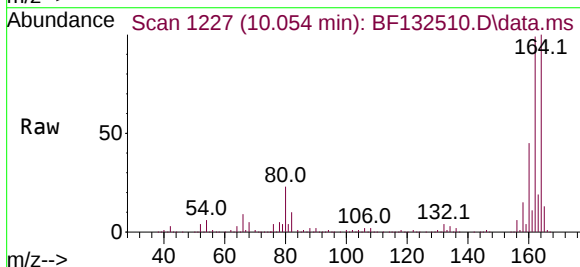
Instrument :
 BNA_F
 ClientSampleId :
 PB151002BL

Tgt Ion: 82 Resp: 1349318
 Ion Ratio Lower Upper
 82 100
 128 39.5 32.2 48.2
 54 49.6 38.4 57.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.054 min Scan# 1227
 Delta R.T. -0.006 min
 Lab File: BF132510.D
 Acq: 22 Feb 2023 17:35

Tgt Ion:164 Resp: 409071
 Ion Ratio Lower Upper
 164 100
 162 99.3 79.8 119.8
 160 45.0 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 125.189 ng

RT: 10.854 min Scan# 1111

Delta R.T. -0.006 min

Lab File: BF132510.D

Acq: 22 Feb 2023 17:35

Instrument :

BNA_F

ClientSampleId :

PB151002BL

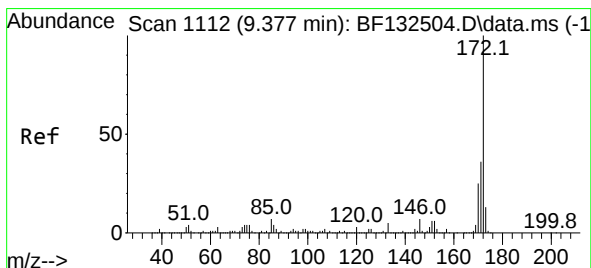
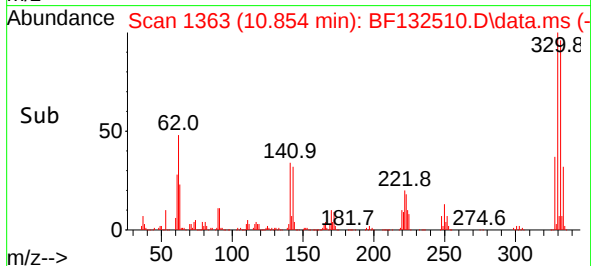
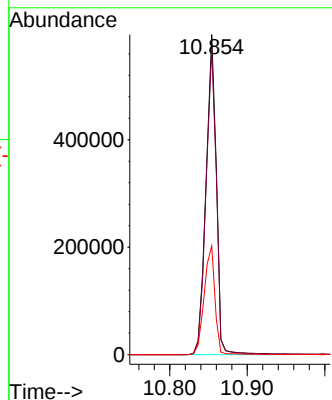
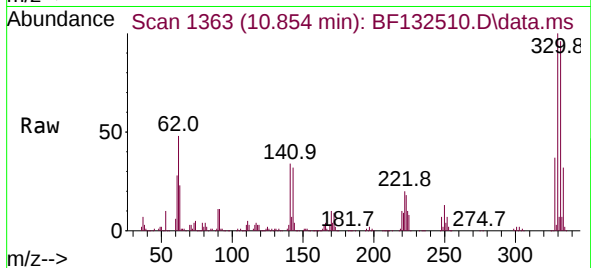
Tgt Ion:330 Resp: 553059

Ion Ratio Lower Upper

330 100

332 95.9 76.2 114.4

141 35.5 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 77.710 ng

RT: 9.372 min Scan# 1111

Delta R.T. -0.005 min

Lab File: BF132510.D

Acq: 22 Feb 2023 17:35

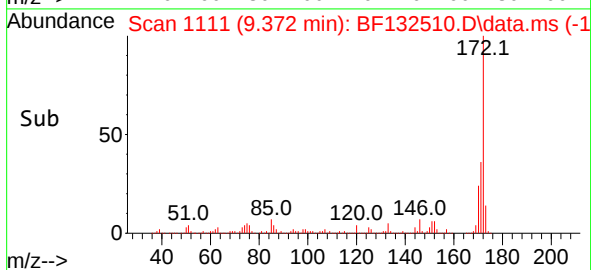
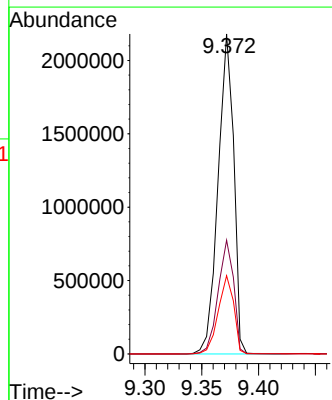
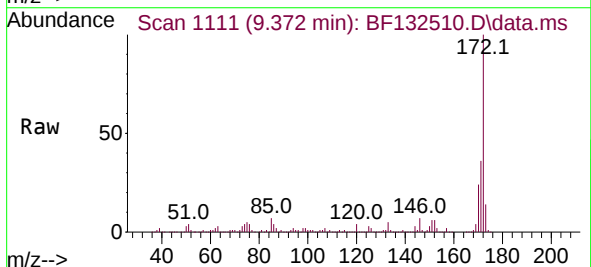
Tgt Ion:172 Resp: 2087710

Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.4 19.7 29.5

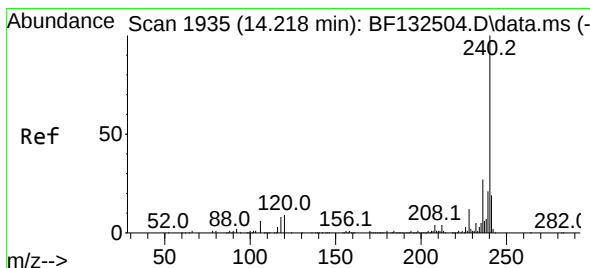
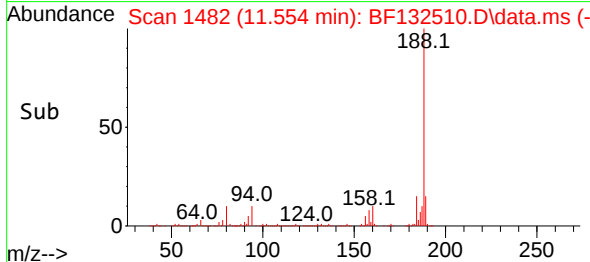
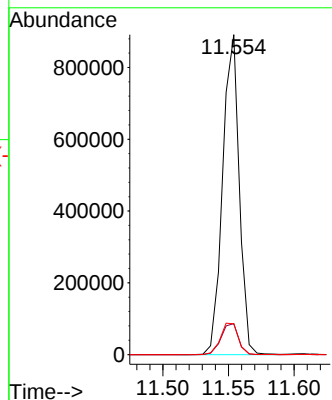
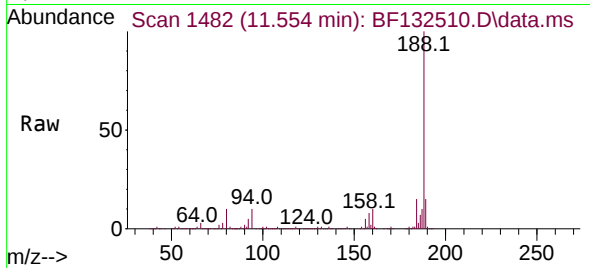




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.554 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF132510.D
Acq: 22 Feb 2023 17:35

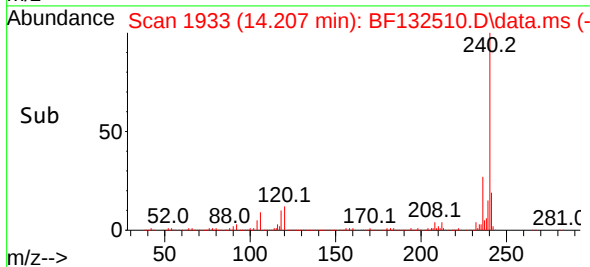
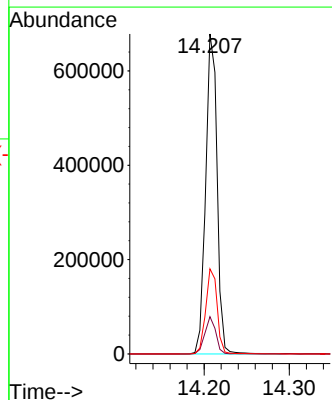
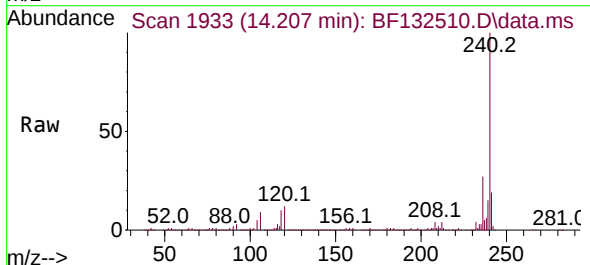
Instrument :
BNA_F
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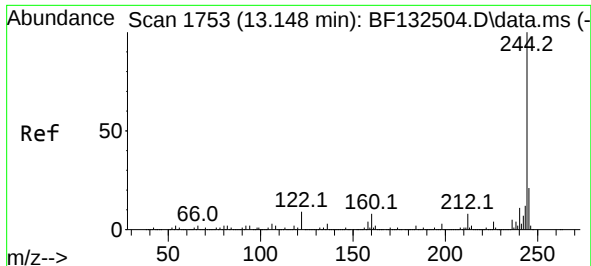
Tgt Ion:188 Resp: 786222
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 9.6 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.207 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BF132510.D
Acq: 22 Feb 2023 17:35

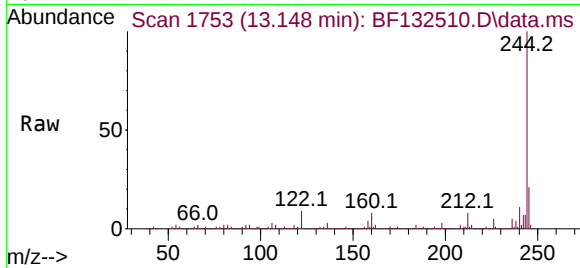
Tgt Ion:240 Resp: 631119
Ion Ratio Lower Upper
240 100
120 11.6 7.2 10.8#
236 26.6 21.8 32.6



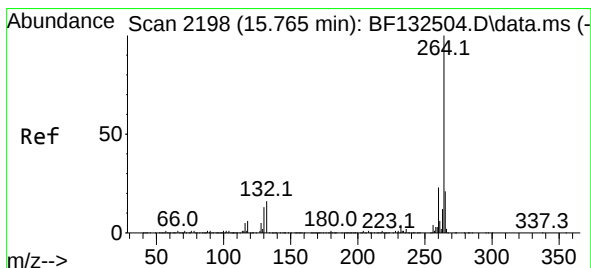
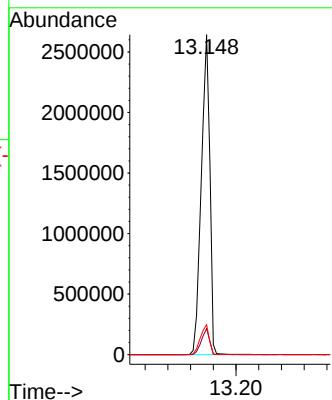
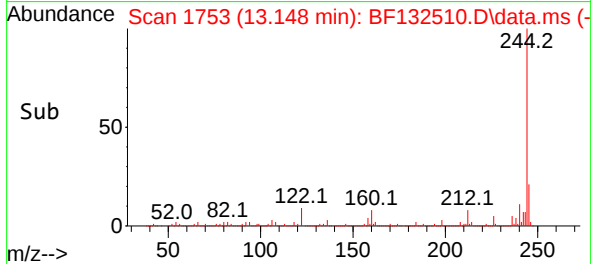


#79
 Terphenyl-d14
 Concen: 73.190 ng
 RT: 13.148 min Scan# 1753
 Delta R.T. 0.000 min
 Lab File: BF132510.D
 Acq: 22 Feb 2023 17:35

Instrument :
 BNA_F
 ClientSampleId :
 PB151002BL



Tgt Ion:244 Resp: 2732020
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 9.3 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.766 min Scan# 2198
 Delta R.T. 0.000 min
 Lab File: BF132510.D
 Acq: 22 Feb 2023 17:35

Tgt Ion:264 Resp: 556384
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 21.5 17.1 25.7

