

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030623\
 Data File : BF132646.D
 Acq On : 06 Mar 2023 13:02
 Operator : CG\JU
 Sample : PB151166TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151166TB

Quant Time: Mar 07 00:53:21 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	194786	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	733429	20.000	ng	0.00
39) Acenaphthene-d10	10.045	164	395094	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	774750	20.000	ng	0.00
76) Chrysene-d12	14.204	240	512377	20.000	ng	0.00
86) Perylene-d12	15.757	264	430001	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1466448	122.185	ng	0.00
7) Phenol-d6	6.628	99	1903893	121.550	ng	0.00
23) Nitrobenzene-d5	7.569	82	1248809	80.783	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	529019	123.984	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1994563	76.869	ng	0.00
79) Terphenyl-d14	13.139	244	2518342	83.100	ng	0.00

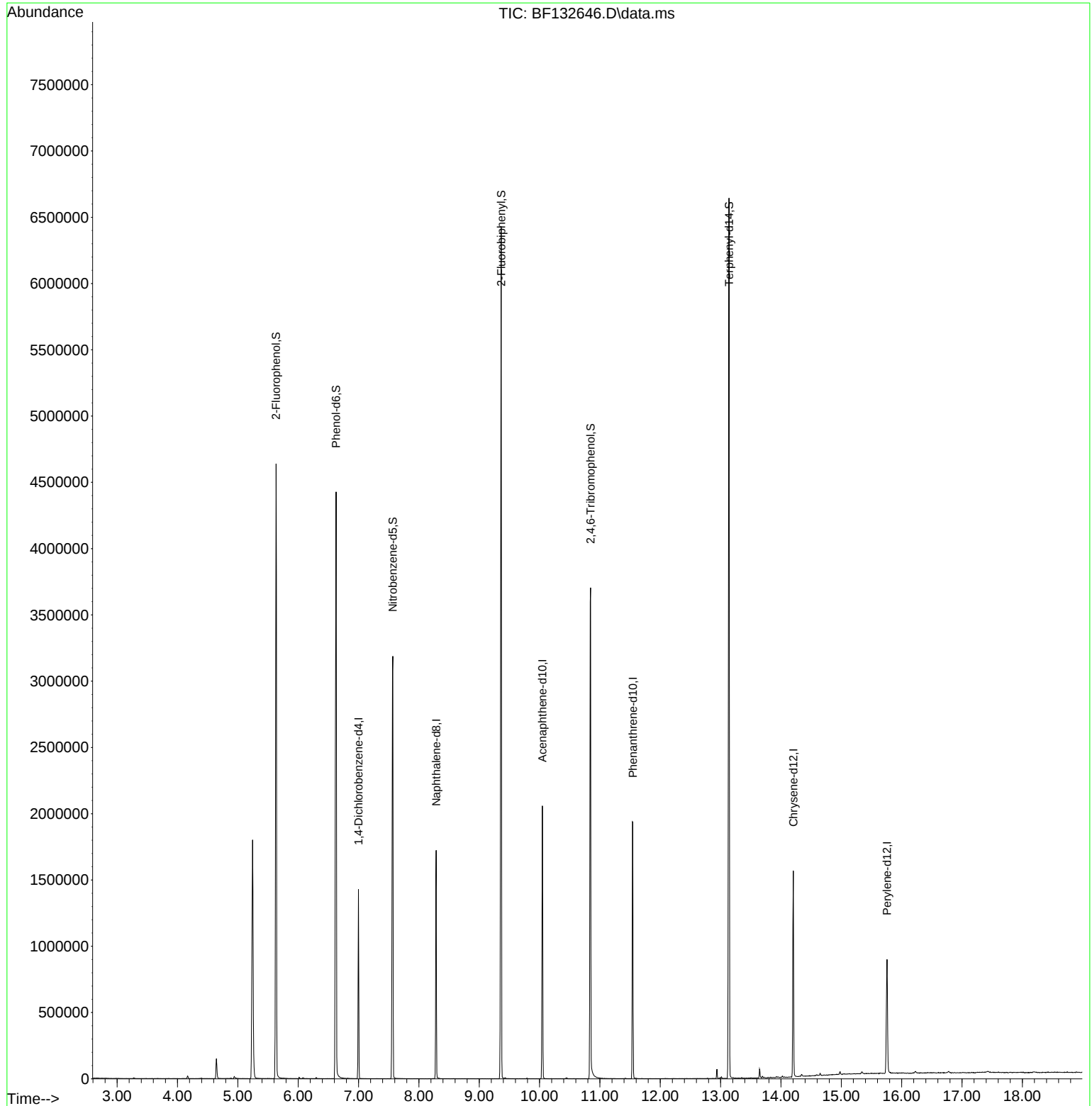
Target Compounds Qvalue

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

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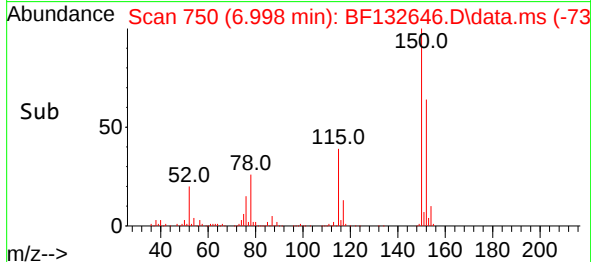
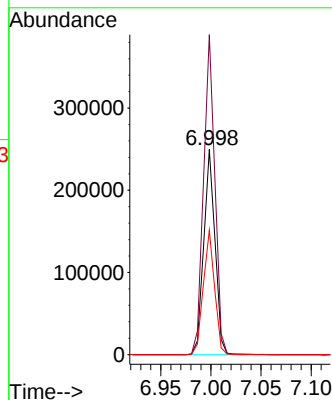
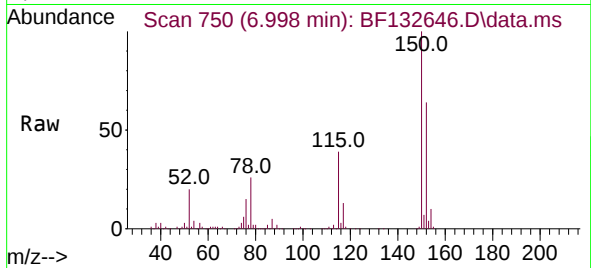




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.998 min Scan# 710
 Delta R.T. -0.009 min
 Lab File: BF132646.D
 Acq: 06 Mar 2023 13:02

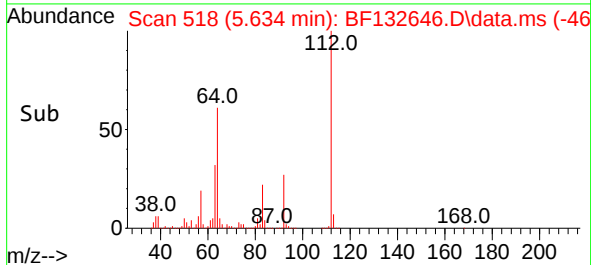
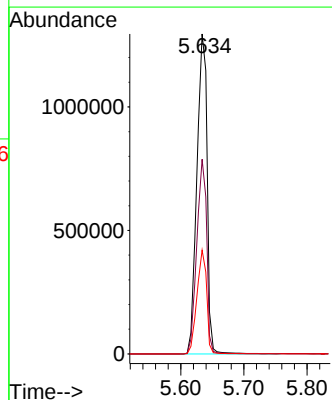
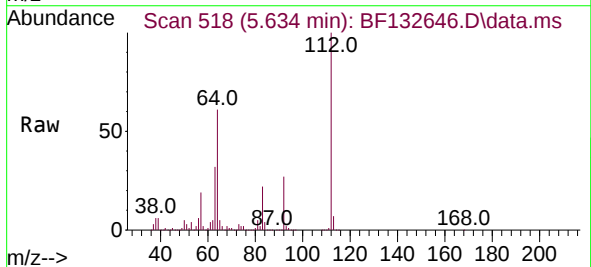
Instrument :
 BNA_F
 ClientSampleId :
 PB151166TB

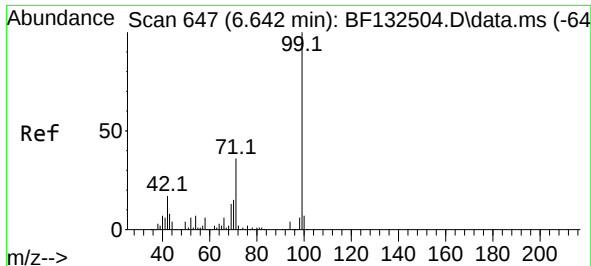
Tgt Ion:152 Resp: 194786
 Ion Ratio Lower Upper
 152 100
 150 155.9 125.4 188.2
 115 60.7 47.8 71.6



#5
 2-Fluorophenol
 Concen: 122.185 ng
 RT: 5.634 min Scan# 518
 Delta R.T. 0.003 min
 Lab File: BF132646.D
 Acq: 06 Mar 2023 13:02

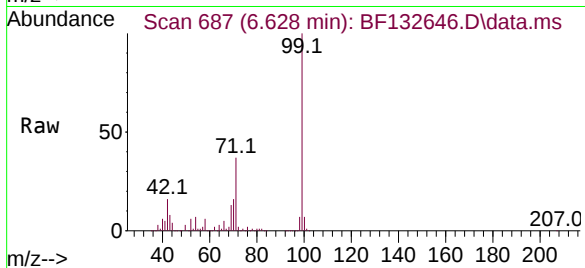
Tgt Ion:112 Resp: 1466448
 Ion Ratio Lower Upper
 112 100
 64 60.8 51.6 77.4
 63 32.4 27.4 41.2





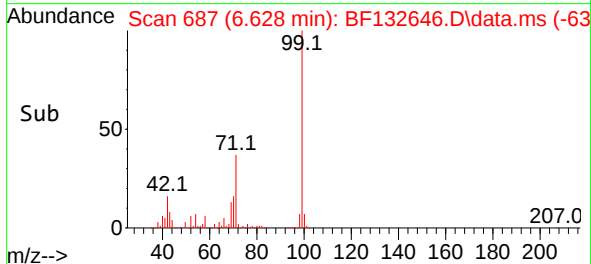
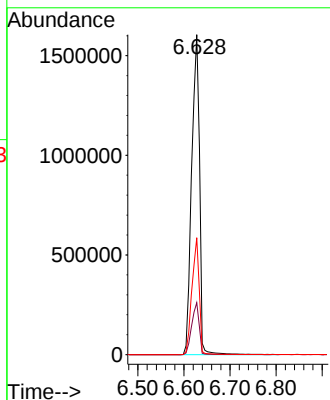
#7
Phenol-d6
Concen: 121.550 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132646.D
Acq: 06 Mar 2023 13:02

Instrument :
BNA_F
ClientSampleId :
PB151166TB



Tgt Ion: 99 Resp: 1903893

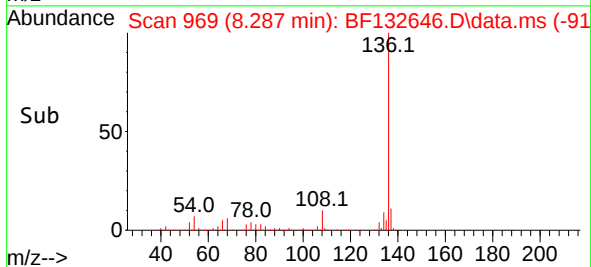
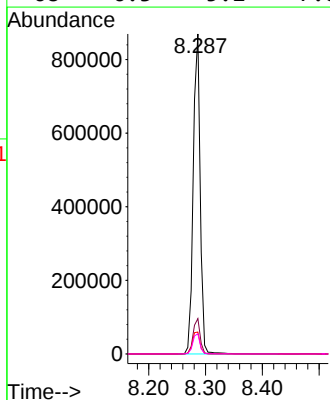
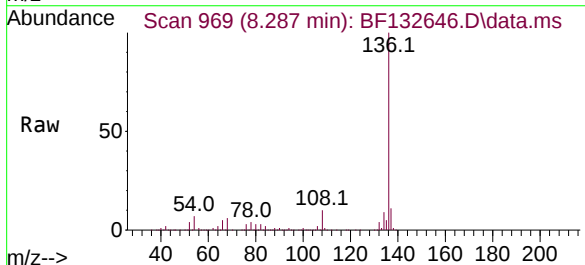
Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.9	20.9
71	36.5	28.5	42.7

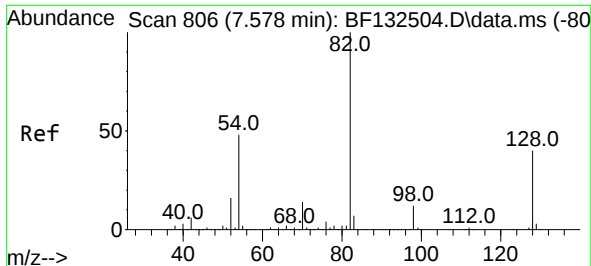


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.287 min Scan# 969
Delta R.T. -0.003 min
Lab File: BF132646.D
Acq: 06 Mar 2023 13:02

Tgt Ion:136 Resp: 733429

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.8	6.2	9.4
68	6.3	5.2	7.8

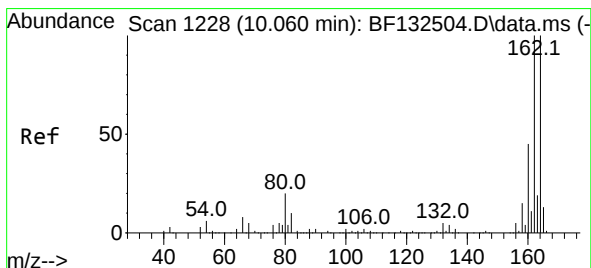
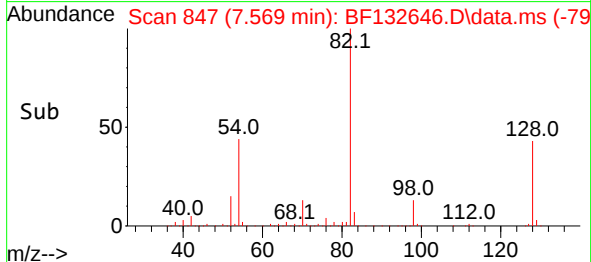
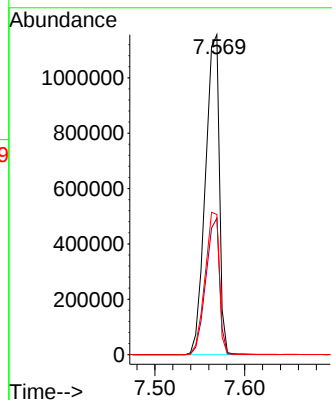
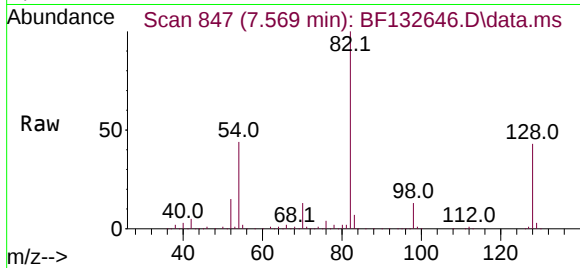




#23
Nitrobenzene-d5
Concen: 80.783 ng
RT: 7.569 min Scan# 84
Delta R.T. -0.003 min
Lab File: BF132646.D
Acq: 06 Mar 2023 13:02

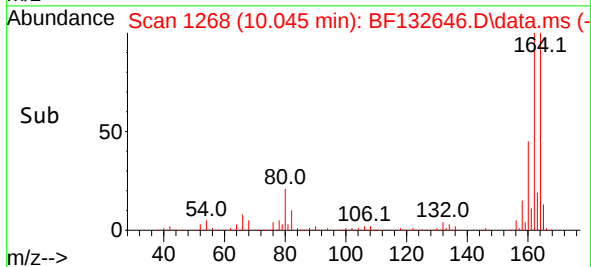
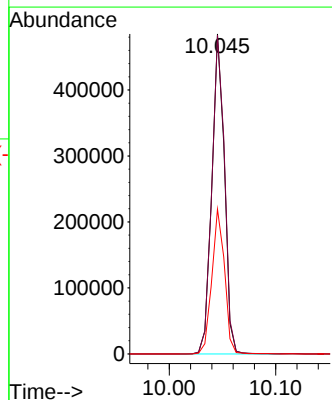
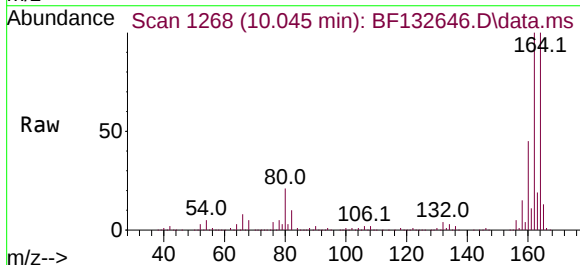
Instrument :
BNA_F
ClientSampleId :
PB151166TB

Tgt Ion: 82 Resp: 1248809
Ion Ratio Lower Upper
82 100
128 42.6 32.2 48.2
54 43.8 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: BF132646.D
Acq: 06 Mar 2023 13:02

Tgt Ion:164 Resp: 395094
Ion Ratio Lower Upper
164 100
162 99.5 79.8 119.8
160 45.2 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 123.984 ng

RT: 10.845 min Scan# 1404

Delta R.T. -0.003 min

Lab File: BF132646.D

Acq: 06 Mar 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB151166TB

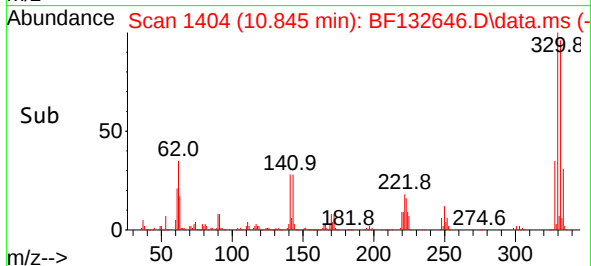
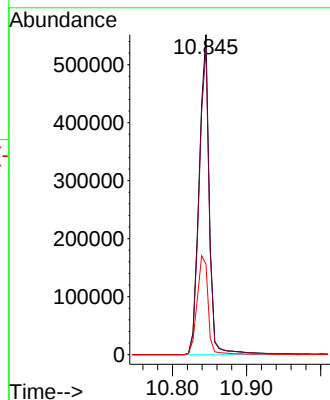
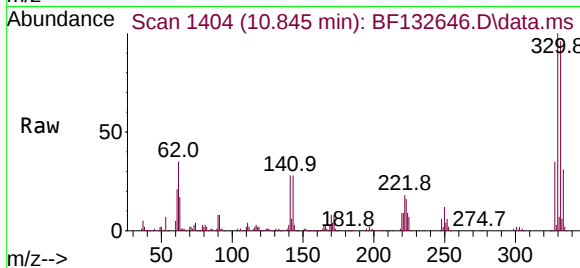
Tgt Ion:330 Resp: 529019

Ion Ratio Lower Upper

330 100

332 96.5 76.2 114.4

141 33.2 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 76.869 ng

RT: 9.363 min Scan# 1152

Delta R.T. -0.009 min

Lab File: BF132646.D

Acq: 06 Mar 2023 13:02

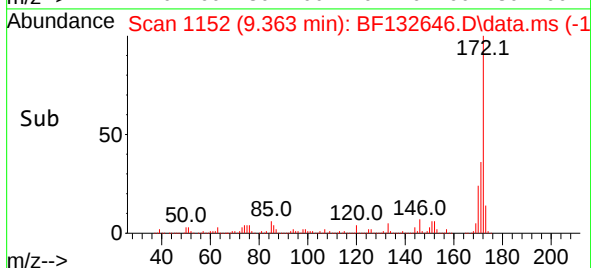
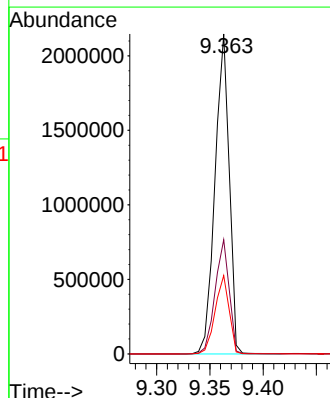
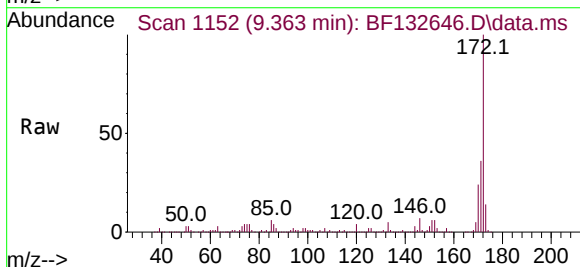
Tgt Ion:172 Resp: 1994563

Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 24.5 19.7 29.5

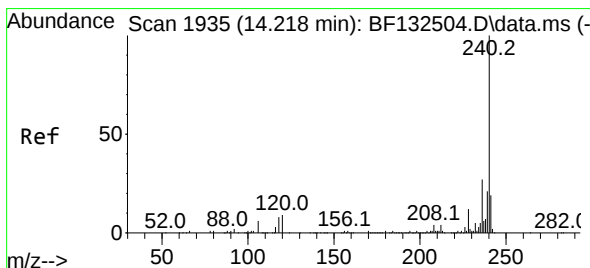
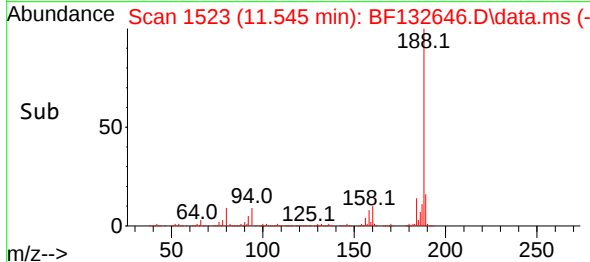
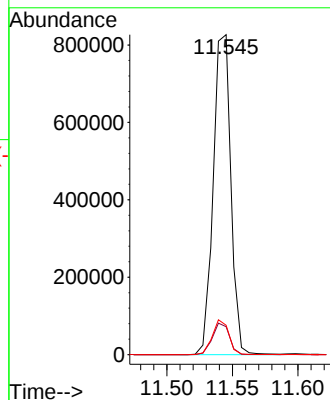
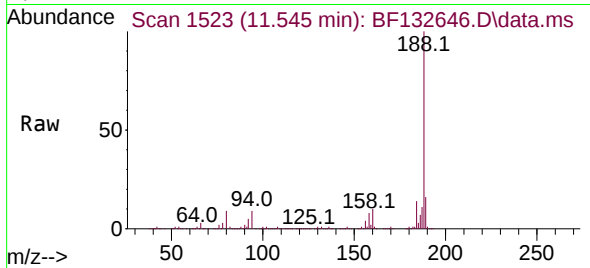




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132646.D
Acq: 06 Mar 2023 13:02

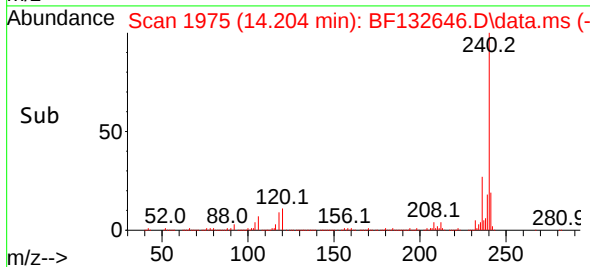
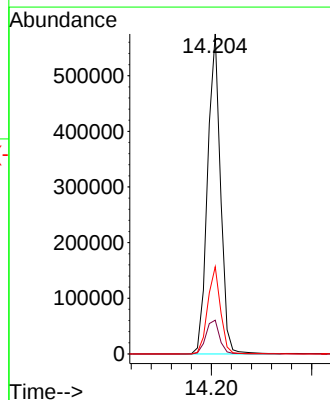
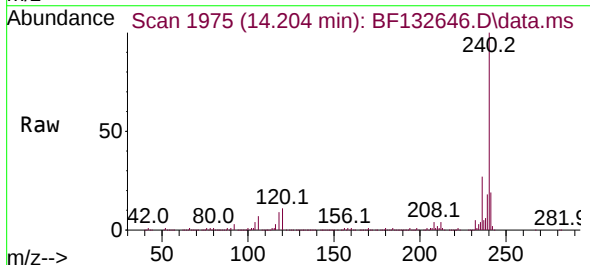
Instrument :
BNA_F
ClientSampleId :
PB151166TB

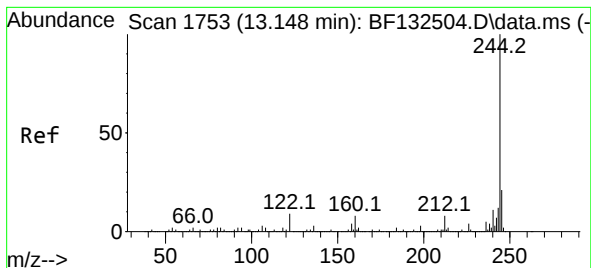
Tgt Ion:188 Resp: 774750
Ion Ratio Lower Upper
188 100
94 8.7 8.3 12.5
80 9.2 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.204 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BF132646.D
Acq: 06 Mar 2023 13:02

Tgt Ion:240 Resp: 512377
Ion Ratio Lower Upper
240 100
120 10.5 7.2 10.8
236 27.2 21.8 32.6





#79

Terphenyl-d14

Concen: 83.100 ng

RT: 13.139 min Scan# 11

Delta R.T. -0.003 min

Lab File: BF132646.D

Acq: 06 Mar 2023 13:02

Instrument :

BNA_F

ClientSampleId :

PB151166TB

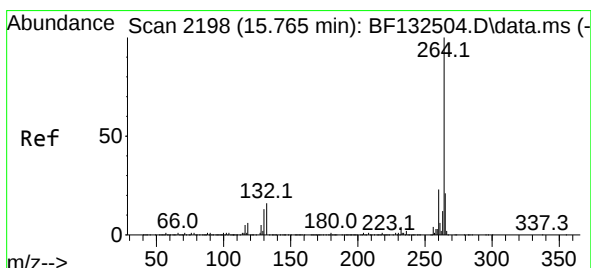
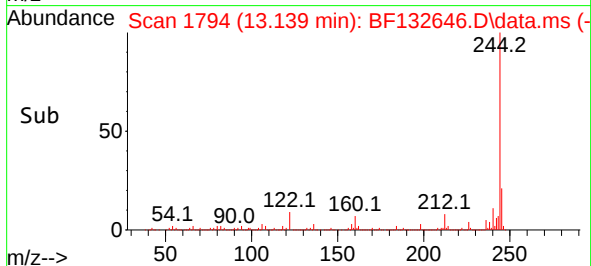
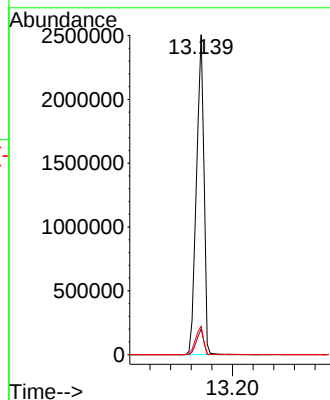
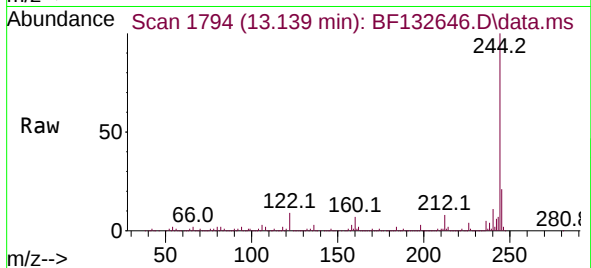
Tgt Ion:244 Resp: 2518342

Ion Ratio Lower Upper

244 100

212 8.0 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: BF132646.D

Acq: 06 Mar 2023 13:02

Tgt Ion:264 Resp: 430001

Ion Ratio Lower Upper

264 100

260 24.8 18.8 28.2

265 21.6 17.1 25.7

