

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
 Data File : BF132682.D
 Acq On : 07 Mar 2023 17:29
 Operator : CG\JU
 Sample : 01825-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HH-TP3-0306

Quant Time: Mar 08 04:41:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 13:42:31 2023
 Response via : Initial Calibration

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

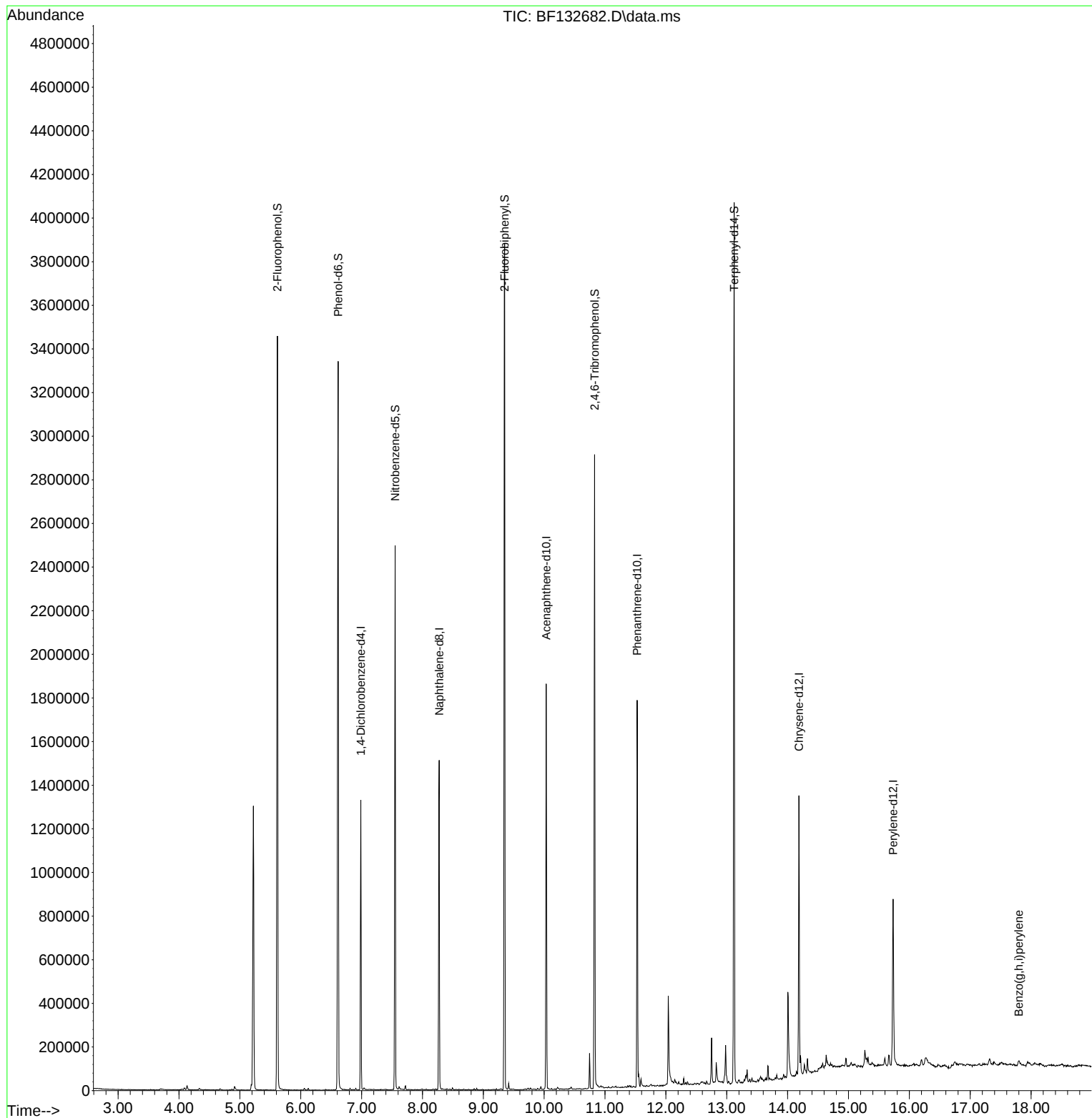
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.987	152	176759	20.000	ng	0.00
21) Naphthalene-d8	8.275	136	648319	20.000	ng	0.00
39) Acenaphthene-d10	10.033	164	349976	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	666572	20.000	ng	0.00
76) Chrysene-d12	14.186	240	402555	20.000	ng	#-0.01
86) Perylene-d12	15.733	264	360434	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	955711	87.752	ng	0.00
7) Phenol-d6	6.616	99	1218696	85.740	ng	0.00
23) Nitrobenzene-d5	7.551	82	776993	56.861	ng	-0.01
42) 2,4,6-Tribromophenol	10.827	330	329110	87.076	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1250845	54.421	ng	0.00
79) Terphenyl-d14	13.121	244	1449143	60.865	ng	0.00
Target Compounds						
92) Benzo(g,h,i)perylene	17.798	276	18821	2.451	ng	Qvalue 97

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

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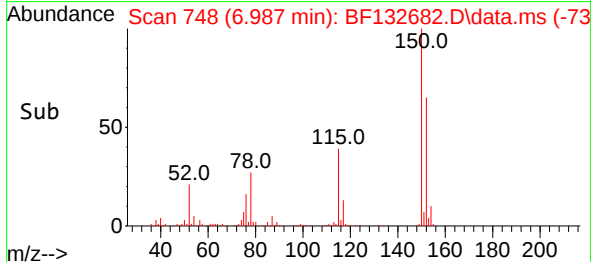
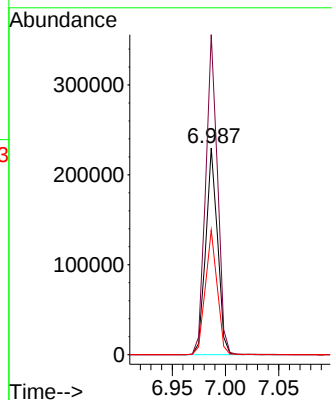
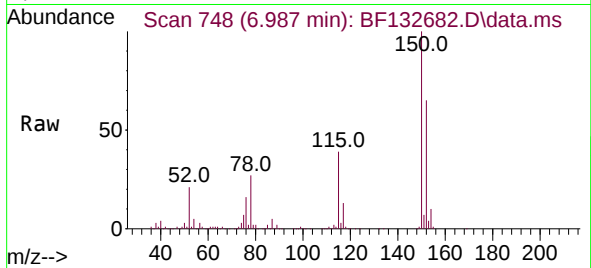




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.987 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF132682.D
 Acq: 07 Mar 2023 17:29

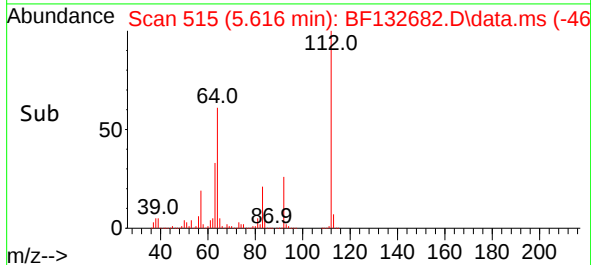
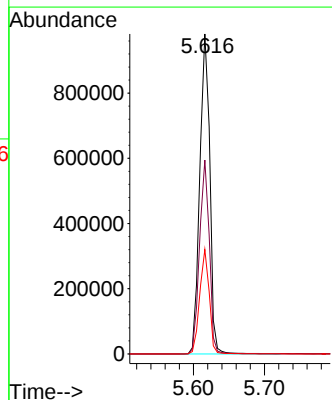
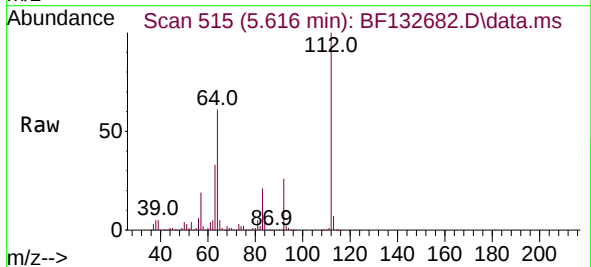
Instrument :
 BNA_F
 ClientSampleId :
 HH-TP3-0306

Tgt Ion:152 Resp: 176759
 Ion Ratio Lower Upper
 152 100
 150 154.9 125.4 188.2
 115 60.3 47.8 71.6



#5
 2-Fluorophenol
 Concen: 87.752 ng
 RT: 5.616 min Scan# 515
 Delta R.T. -0.000 min
 Lab File: BF132682.D
 Acq: 07 Mar 2023 17:29

Tgt Ion:112 Resp: 955711
 Ion Ratio Lower Upper
 112 100
 64 60.6 51.6 77.4
 63 32.6 27.4 41.2



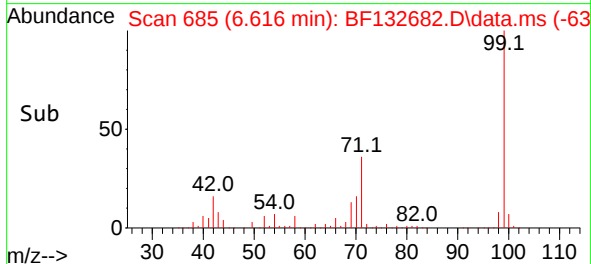
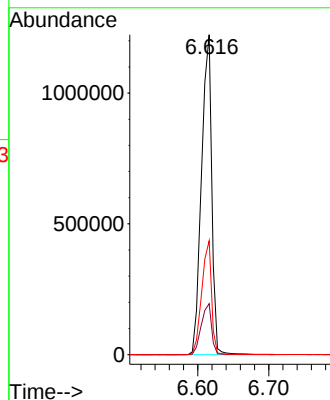
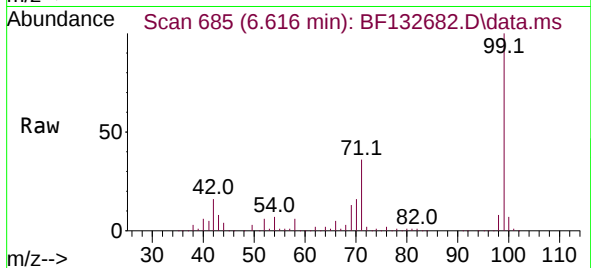


#7
Phenol-d6
Concen: 85.740 ng
RT: 6.616 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132682.D
Acq: 07 Mar 2023 17:29

Instrument :
BNA_F
ClientSampleId :
HH-TP3-0306

Tgt Ion: 99 Resp: 1218696

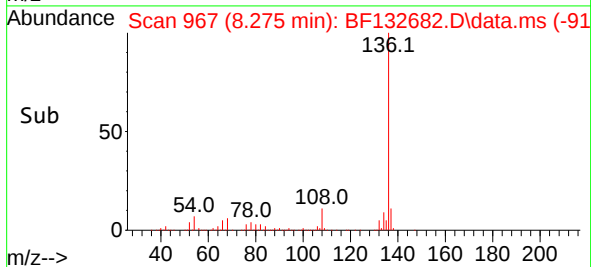
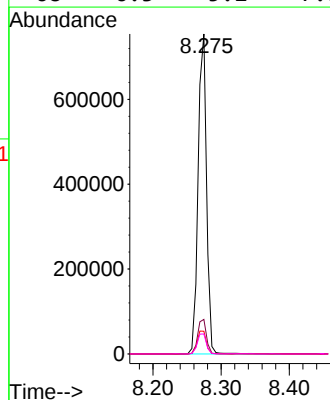
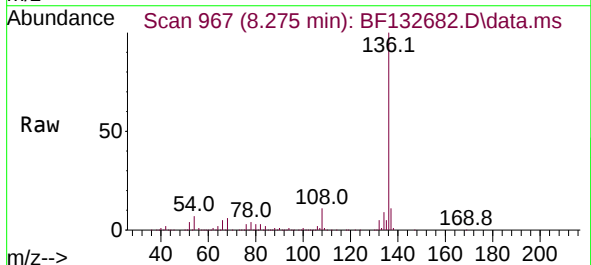
Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.9	20.9
71	35.6	28.5	42.7

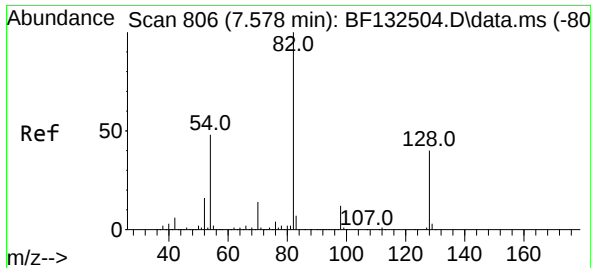


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.275 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF132682.D
Acq: 07 Mar 2023 17:29

Tgt Ion: 136 Resp: 648319

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.1	6.2	9.4
68	6.3	5.2	7.8

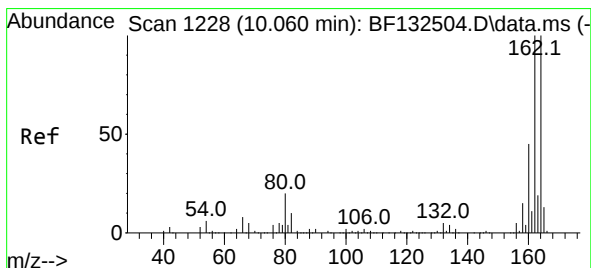
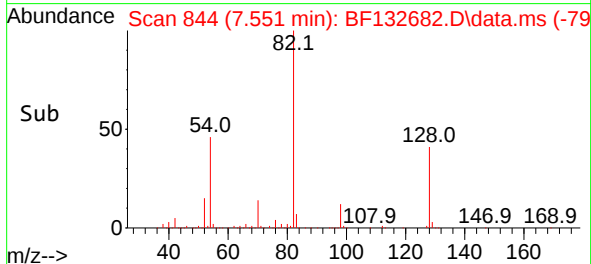
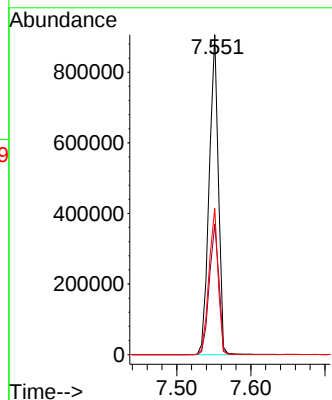
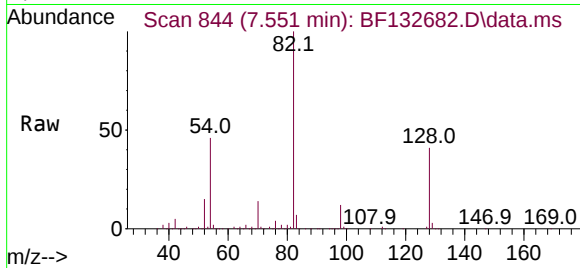




#23
Nitrobenzene-d5
Concen: 56.861 ng
RT: 7.551 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF132682.D
Acq: 07 Mar 2023 17:29

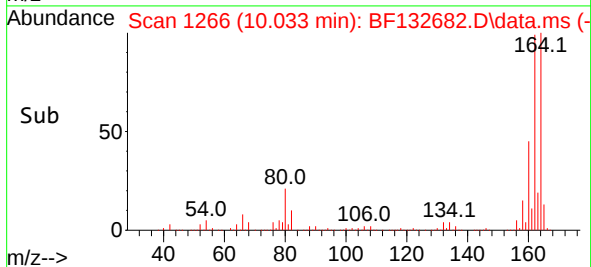
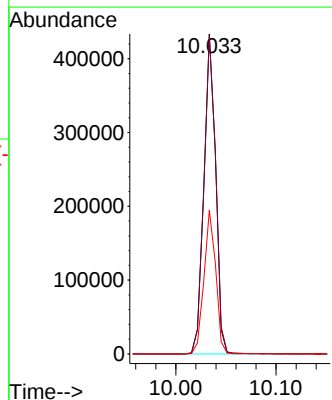
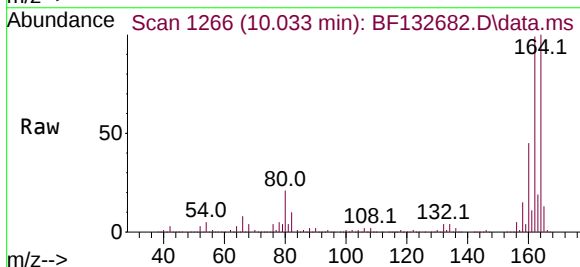
Instrument :
BNA_F
ClientSampleId :
HH-TP3-0306

Tgt Ion: 82 Resp: 776993
Ion Ratio Lower Upper
82 100
128 40.7 32.2 48.2
54 45.7 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.033 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF132682.D
Acq: 07 Mar 2023 17:29

Tgt Ion: 164 Resp: 349976
Ion Ratio Lower Upper
164 100
162 99.3 79.8 119.8
160 44.9 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 87.076 ng

RT: 10.827 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF132682.D

Acq: 07 Mar 2023 17:29

Instrument :

BNA_F

ClientSampleId :

HH-TP3-0306

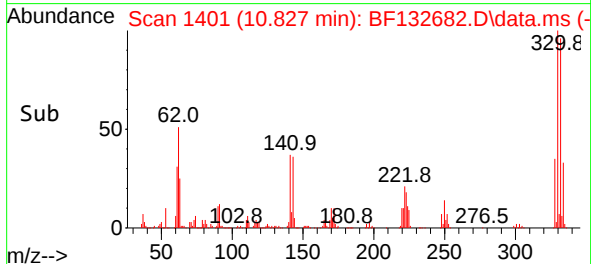
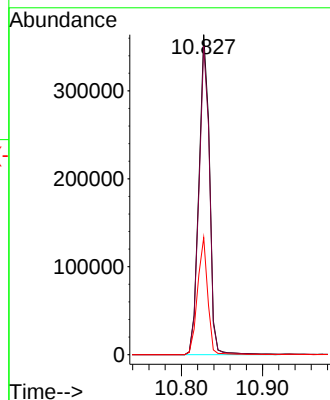
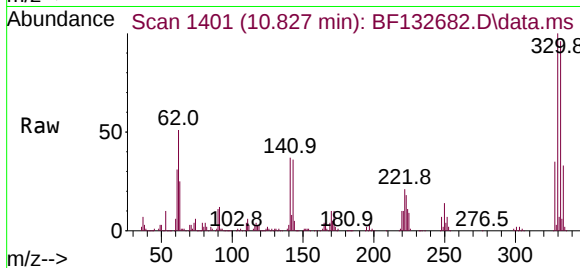
Tgt Ion:330 Resp: 329110

Ion Ratio Lower Upper

330 100

332 96.5 76.2 114.4

141 34.8 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 54.421 ng

RT: 9.351 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF132682.D

Acq: 07 Mar 2023 17:29

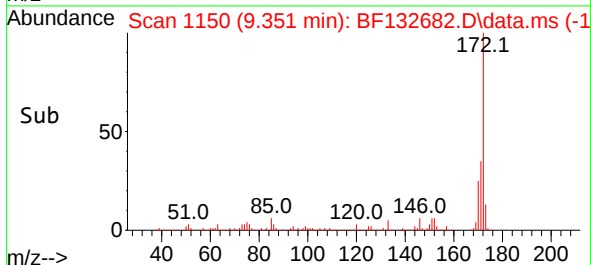
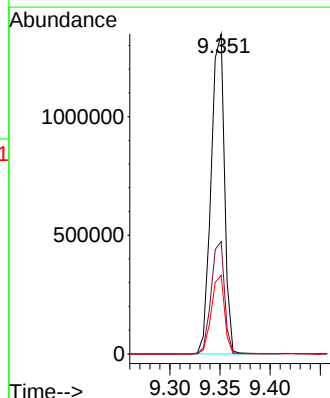
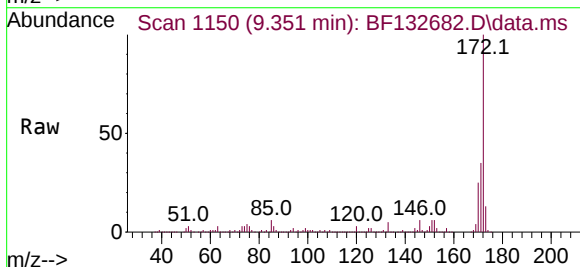
Tgt Ion:172 Resp: 1250845

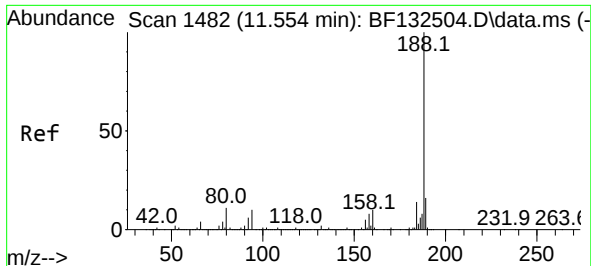
Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 24.6 19.7 29.5

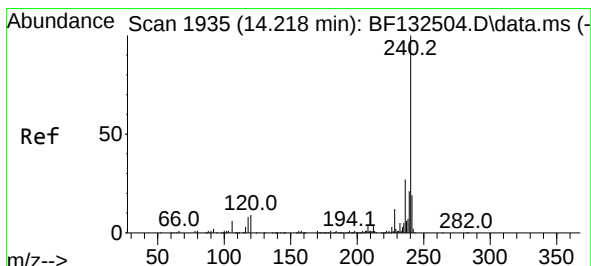
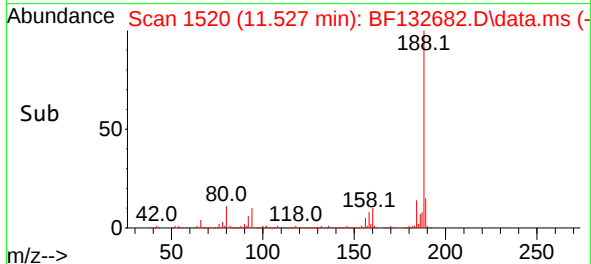
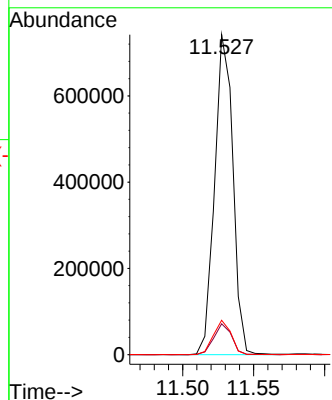
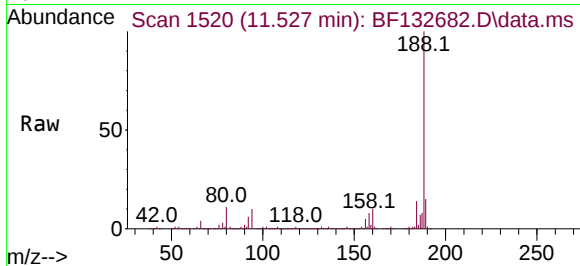




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.527 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132682.D
Acq: 07 Mar 2023 17:29

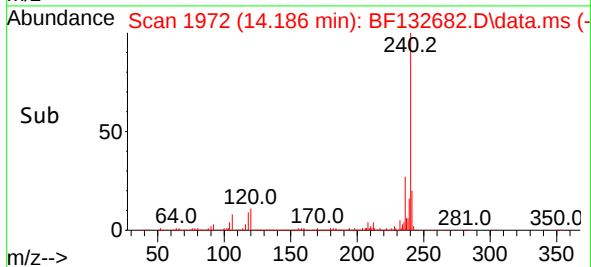
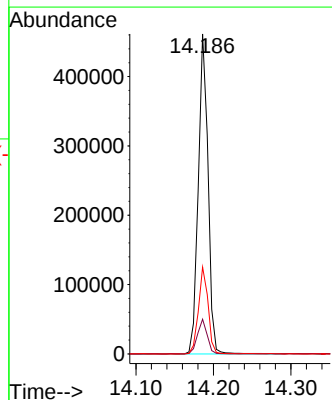
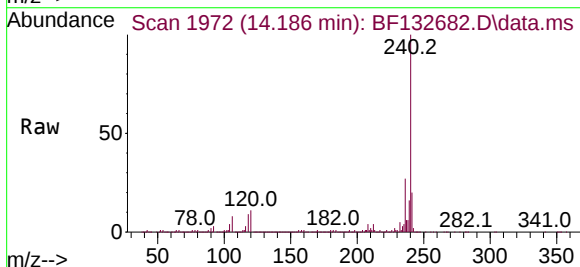
Instrument :
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HH-TP3-0306

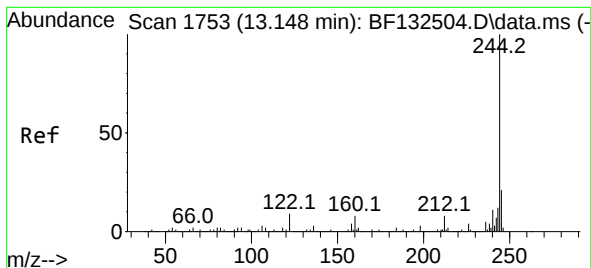
Tgt Ion:188 Resp: 666572
Ion Ratio Lower Upper
188 100
94 9.6 8.3 12.5
80 10.7 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 1972
Delta R.T. -0.012 min
Lab File: BF132682.D
Acq: 07 Mar 2023 17:29

Tgt Ion:240 Resp: 402555
Ion Ratio Lower Upper
240 100
120 10.8 7.2 10.8#
236 27.1 21.8 32.6





#79

Terphenyl-d14

Concen: 60.865 ng

RT: 13.121 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132682.D

Acq: 07 Mar 2023 17:29

Instrument :

BNA_F

ClientSampleId :

HH-TP3-0306

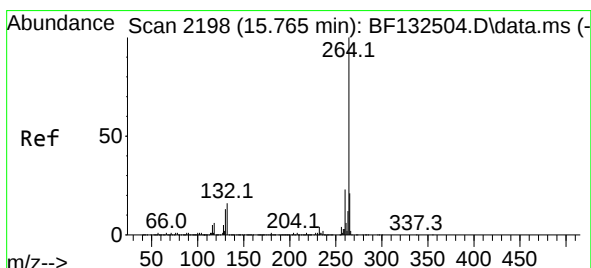
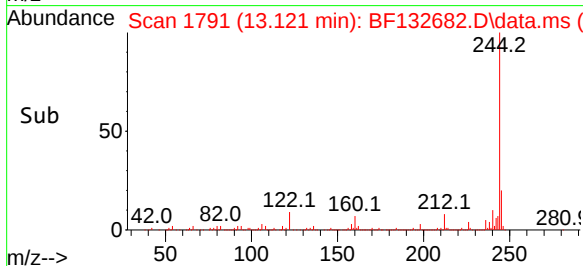
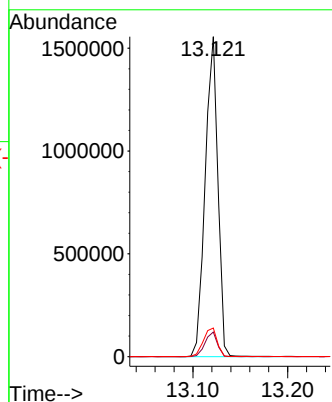
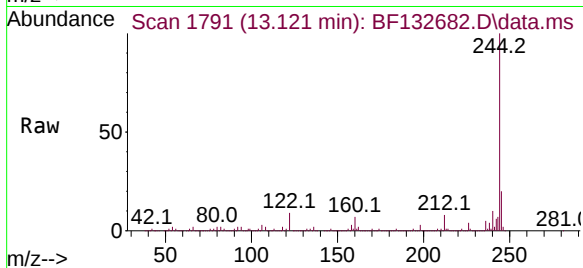
Tgt Ion:244 Resp: 1449143

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

122 8.9 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.733 min Scan# 2235

Delta R.T. -0.006 min

Lab File: BF132682.D

Acq: 07 Mar 2023 17:29

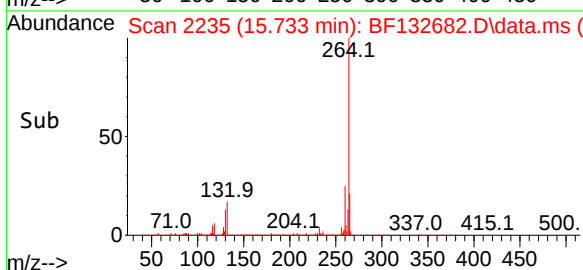
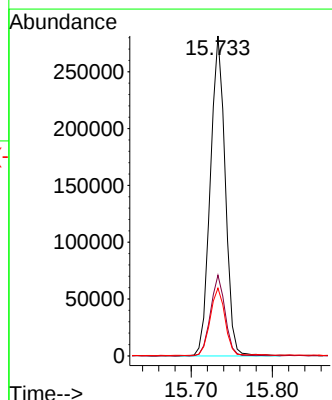
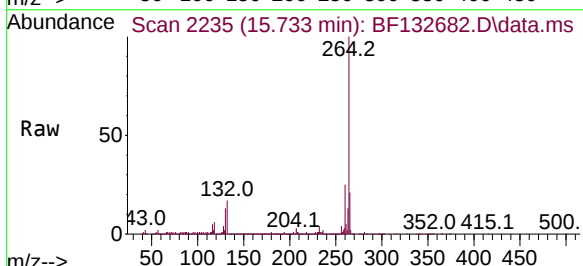
Tgt Ion:264 Resp: 360434

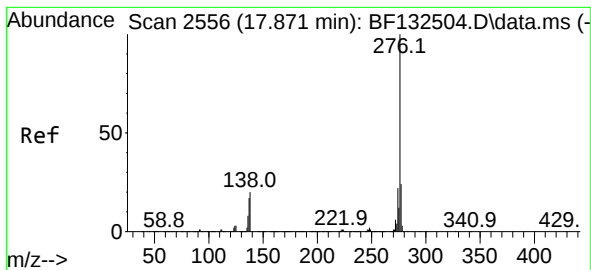
Ion Ratio Lower Upper

264 100

260 25.2 18.8 28.2

265 21.2 17.1 25.7





#92

Benzo(g,h,i)perylene

Concen: 2.451 ng

RT: 17.798 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF132682.D

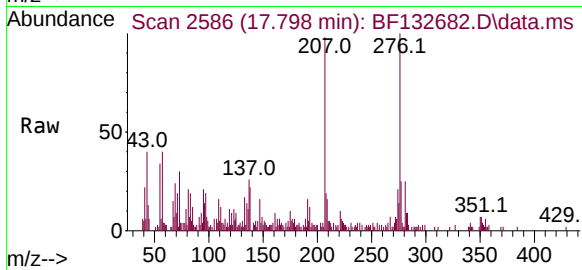
Acq: 07 Mar 2023 17:29

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:276 Resp: 18821

Ion Ratio Lower Upper

276 100

277 25.0 18.9 28.3

138 21.7 16.2 24.4

