

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
 Data File : BF132681.D
 Acq On : 07 Mar 2023 16:56
 Operator : CG\JU
 Sample : 01825-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HH-TP2-0306

Quant Time: Mar 08 04:40:57 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)

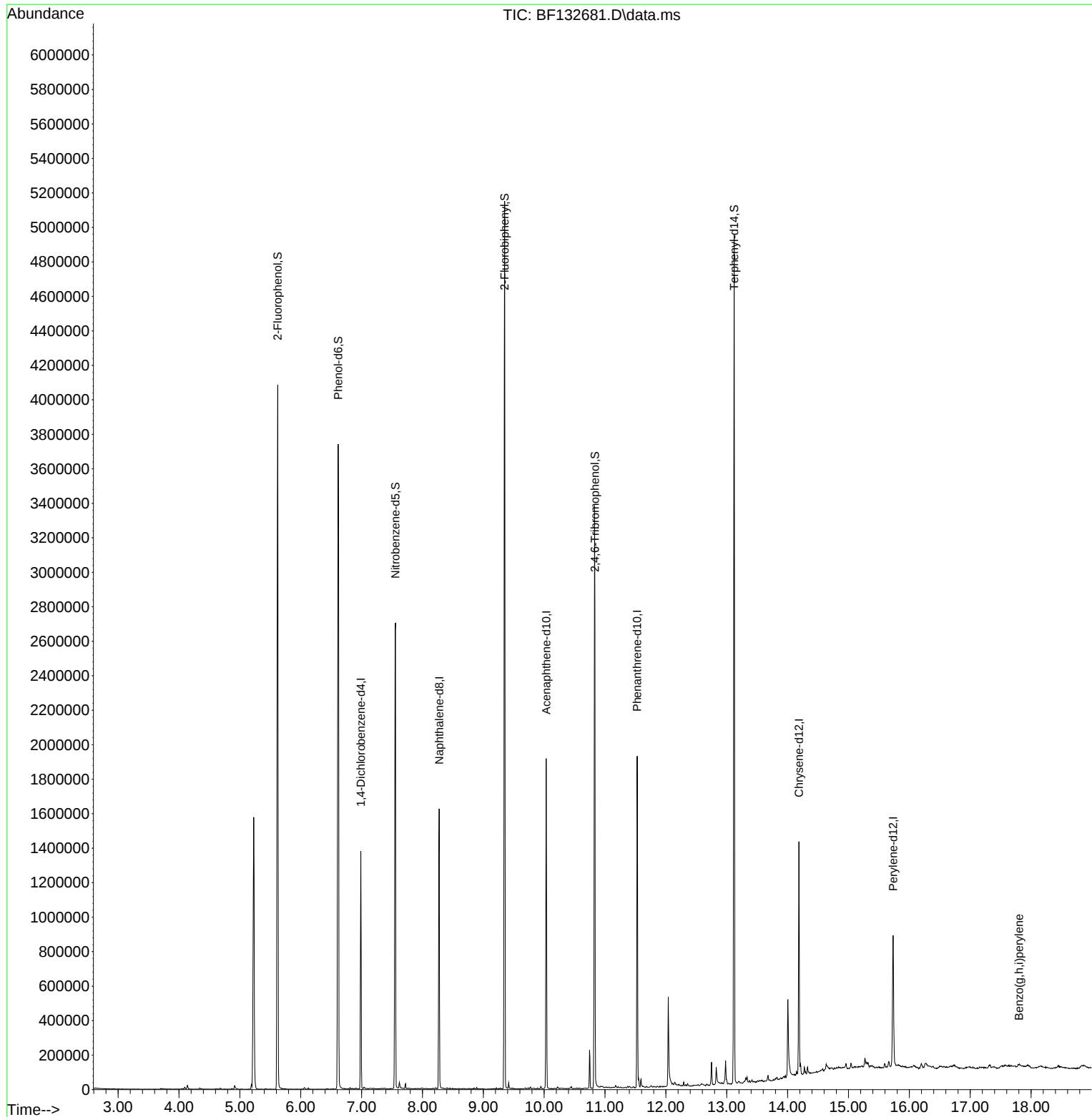
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.987	152	184969	20.000	ng	0.00
21) Naphthalene-d8	8.275	136	689389	20.000	ng	0.00
39) Acenaphthene-d10	10.034	164	370147	20.000	ng	0.00
64) Phenanthrene-d10	11.528	188	716843	20.000	ng	0.00
76) Chrysene-d12	14.186	240	417832	20.000	ng	-0.01
86) Perylene-d12	15.733	264	370530	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	1202486	105.510	ng	0.00
7) Phenol-d6	6.616	99	1564464	105.181	ng	0.00
23) Nitrobenzene-d5	7.557	82	1026131	70.619	ng	0.00
42) 2,4,6-Tribromophenol	10.833	330	425755	106.507	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1559601	64.157	ng	0.00
79) Terphenyl-d14	13.122	244	1757383	71.112	ng	0.00
Target Compounds						
92) Benzo(g,h,i)perylene	17.804	276	13941	2.217	ng	Qvalue # 88

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

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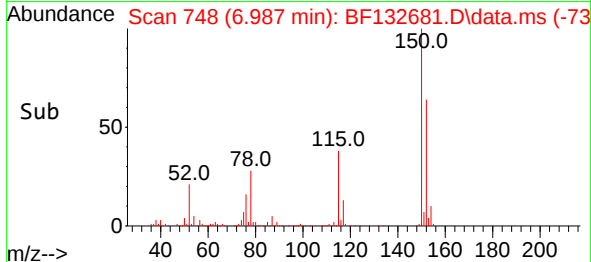
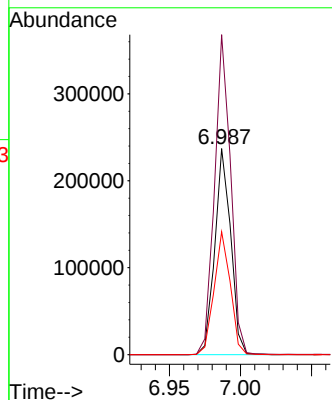
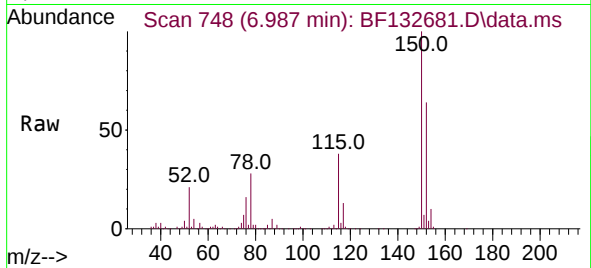




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.987 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF132681.D
Acq: 07 Mar 2023 16:56

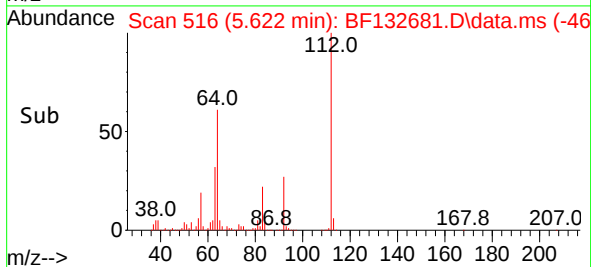
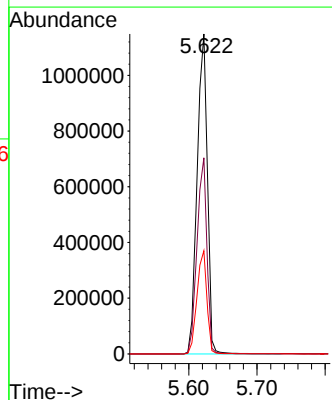
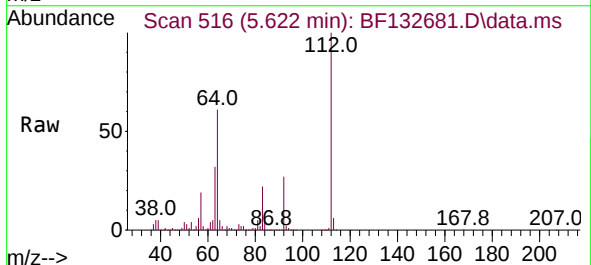
Instrument :
BNA_F
ClientSampleId :
HH-TP2-0306

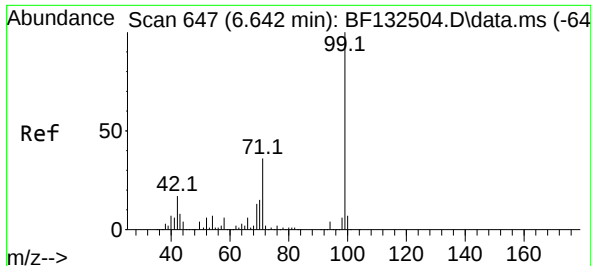
Tgt Ion:152 Resp: 184969
Ion Ratio Lower Upper
152 100
150 155.3 125.4 188.2
115 59.6 47.8 71.6



#5
2-Fluorophenol
Concen: 105.510 ng
RT: 5.622 min Scan# 516
Delta R.T. 0.006 min
Lab File: BF132681.D
Acq: 07 Mar 2023 16:56

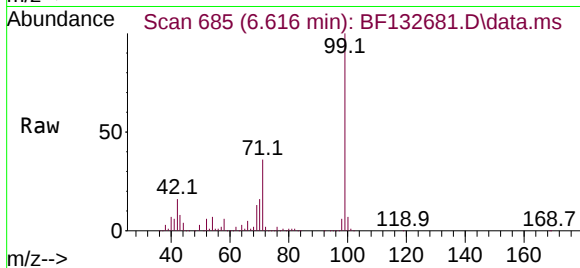
Tgt Ion:112 Resp: 1202486
Ion Ratio Lower Upper
112 100
64 61.3 51.6 77.4
63 32.2 27.4 41.2





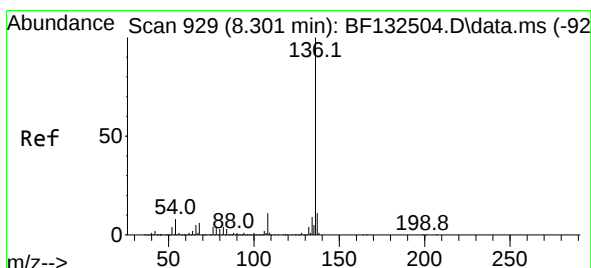
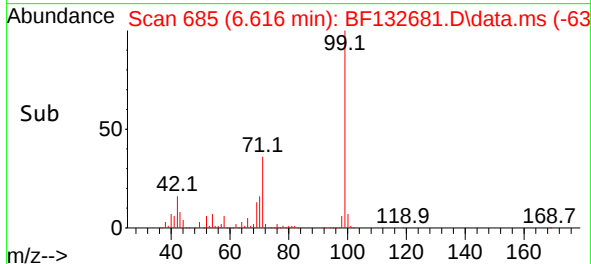
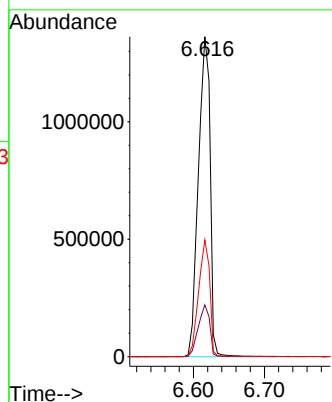
#7
Phenol-d6
Concen: 105.181 ng
RT: 6.616 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132681.D
Acq: 07 Mar 2023 16:56

Instrument :
BNA_F
ClientSampleId :
HH-TP2-0306



Tgt Ion: 99 Resp: 1564464

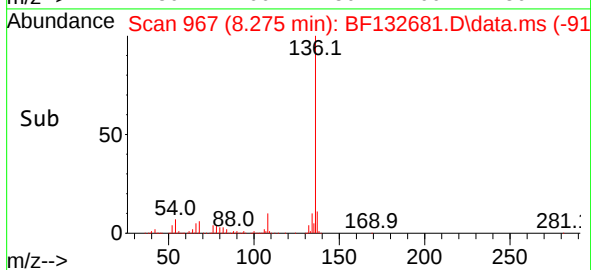
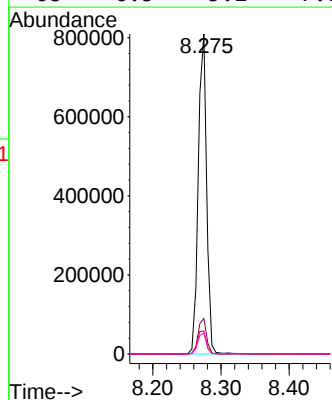
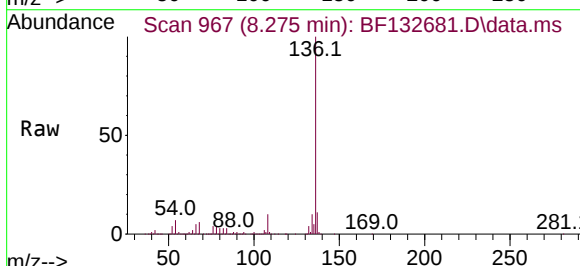
Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.9	20.9
71	36.5	28.5	42.7

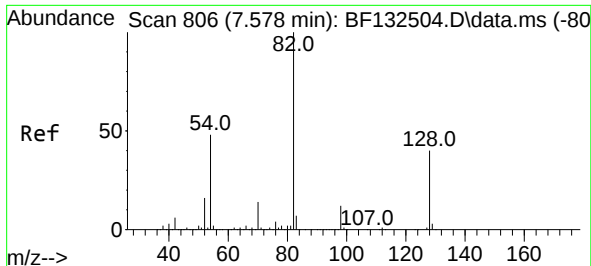


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.275 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF132681.D
Acq: 07 Mar 2023 16:56

Tgt Ion: 136 Resp: 689389

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.1	6.2	9.4
68	6.5	5.2	7.8





#23

Nitrobenzene-d5

Concen: 70.619 ng

RT: 7.557 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF132681.D

Acq: 07 Mar 2023 16:56

Instrument :

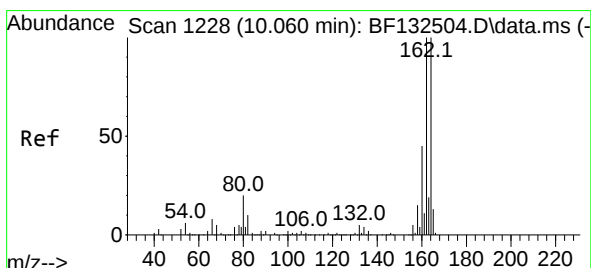
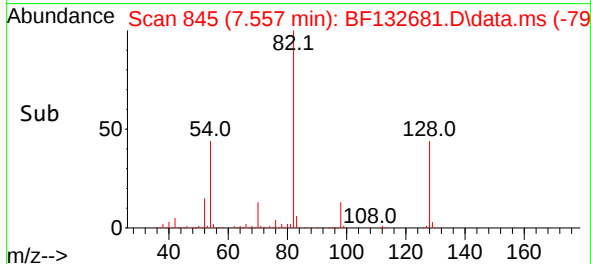
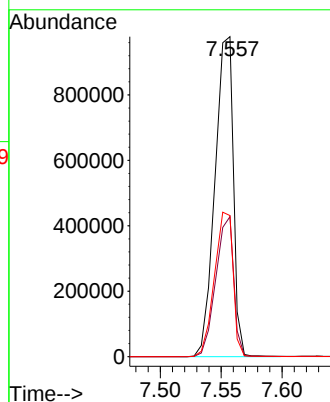
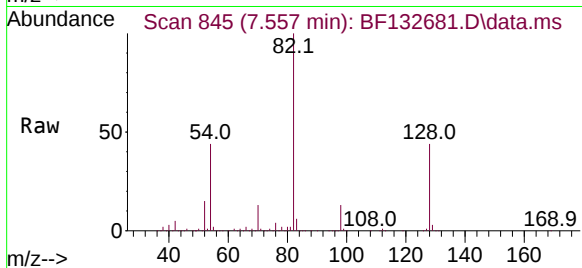
BNA_F

ClientSampleId :

HH-TP2-0306

Tgt Ion: 82 Resp: 1026131

Ion	Ratio	Lower	Upper
82	100		
128	43.7	32.2	48.2
54	44.1	38.4	57.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.034 min Scan# 1266

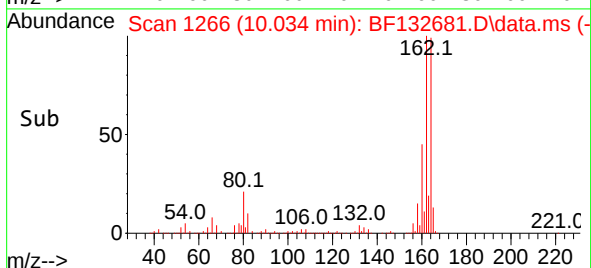
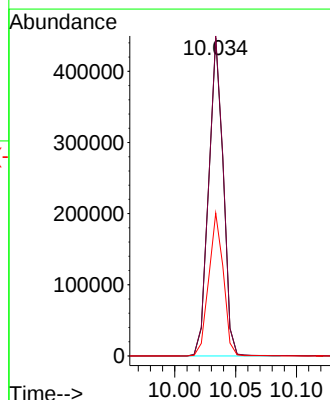
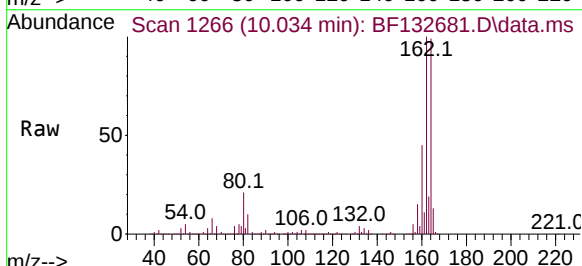
Delta R.T. -0.006 min

Lab File: BF132681.D

Acq: 07 Mar 2023 16:56

Tgt Ion: 164 Resp: 370147

Ion	Ratio	Lower	Upper
164	100		
162	100.6	79.8	119.8
160	44.9	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 106.507 ng

RT: 10.833 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF132681.D

Acq: 07 Mar 2023 16:56

Instrument :

BNA_F

ClientSampleId :

HH-TP2-0306

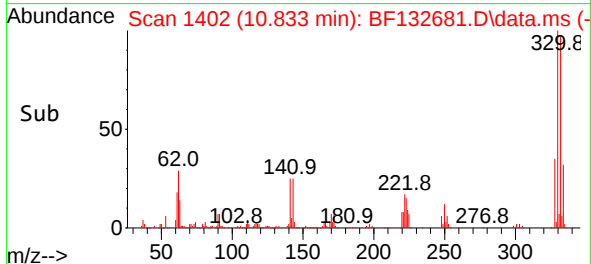
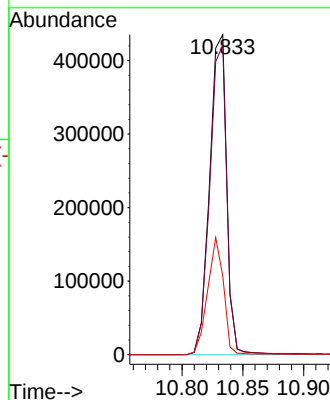
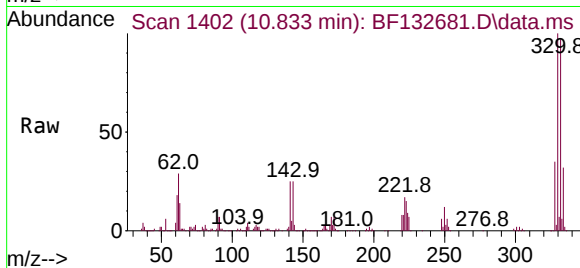
Tgt Ion:330 Resp: 425755

Ion Ratio Lower Upper

330 100

332 96.8 76.2 114.4

141 34.3 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 64.157 ng

RT: 9.351 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF132681.D

Acq: 07 Mar 2023 16:56

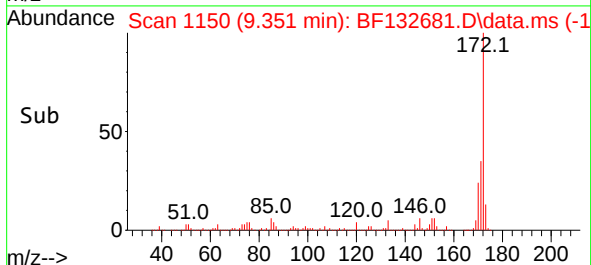
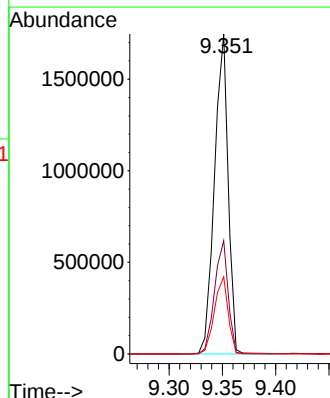
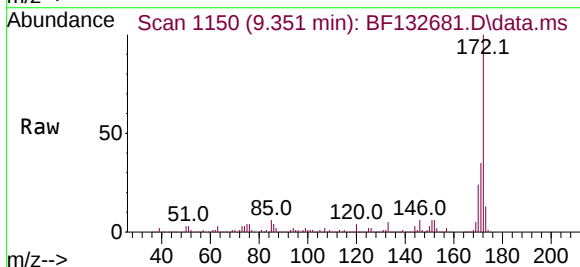
Tgt Ion:172 Resp: 1559601

Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 24.1 19.7 29.5

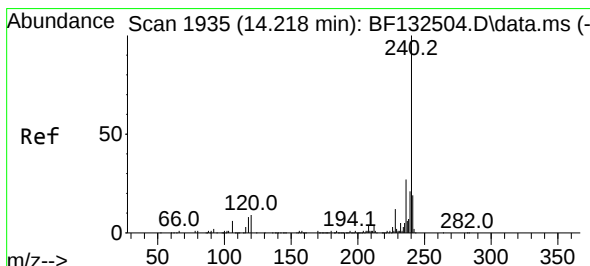
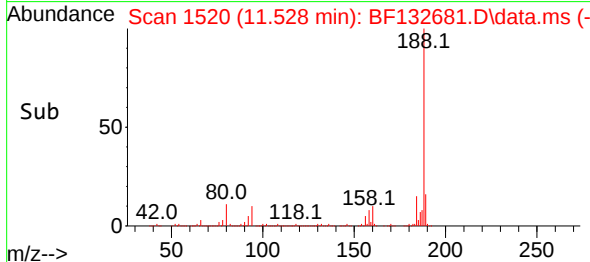
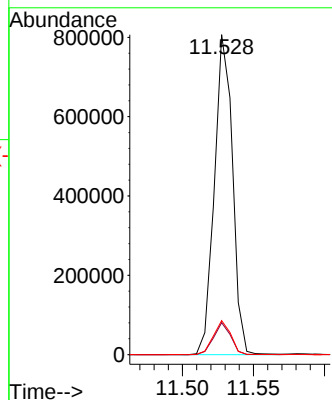
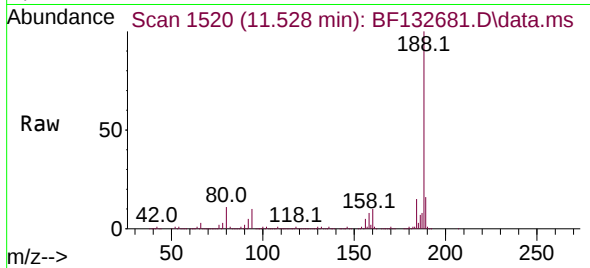




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.528 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132681.D
Acq: 07 Mar 2023 16:56

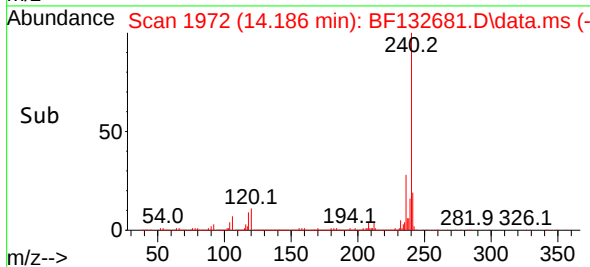
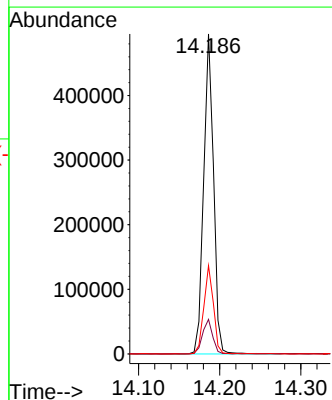
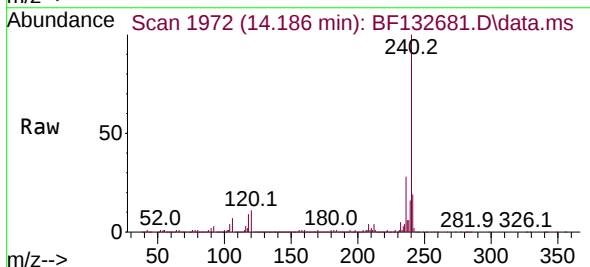
Instrument :
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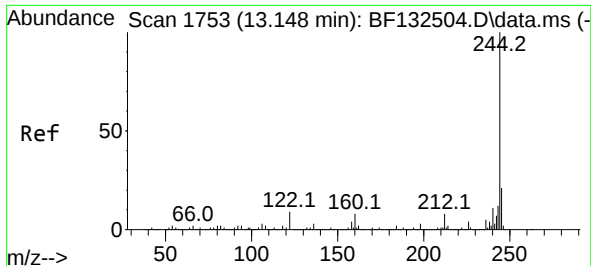
Tgt Ion:188 Resp: 716843
Ion Ratio Lower Upper
188 100
94 10.0 8.3 12.5
80 10.6 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 1972
Delta R.T. -0.012 min
Lab File: BF132681.D
Acq: 07 Mar 2023 16:56

Tgt Ion:240 Resp: 417832
Ion Ratio Lower Upper
240 100
120 10.8 7.2 10.8
236 27.6 21.8 32.6

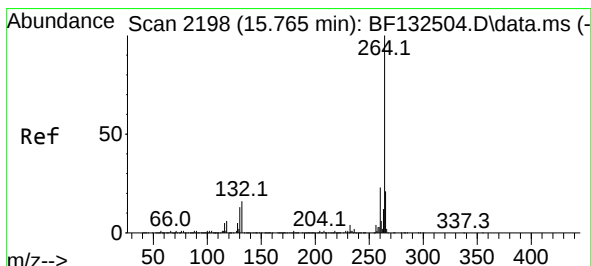
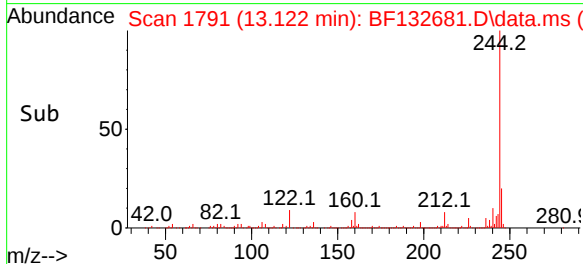
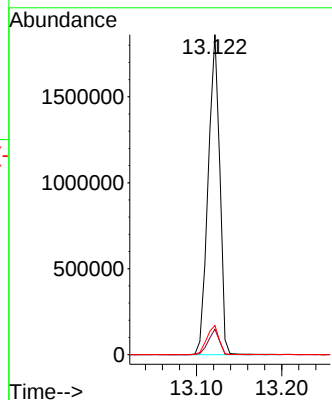
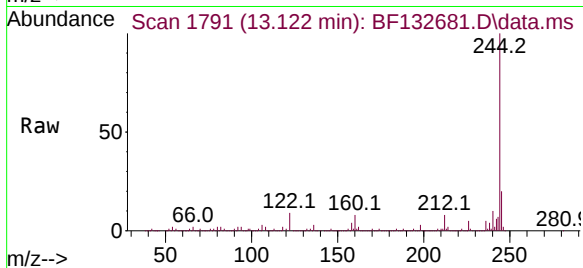




#79
 Terphenyl-d14
 Concen: 71.112 ng
 RT: 13.122 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132681.D
 Acq: 07 Mar 2023 16:56

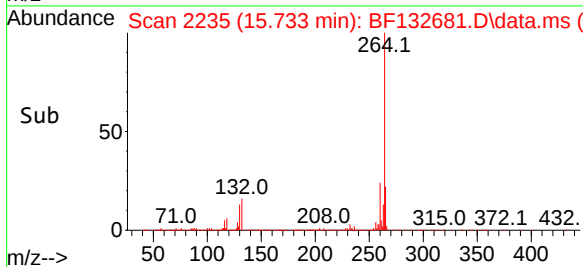
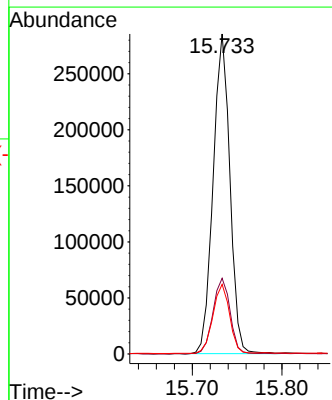
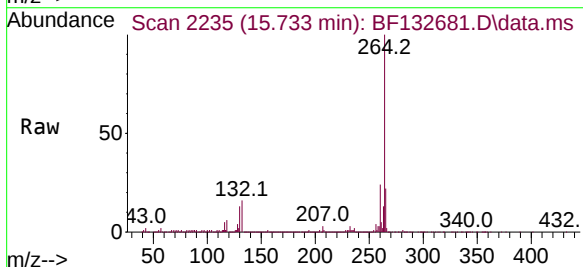
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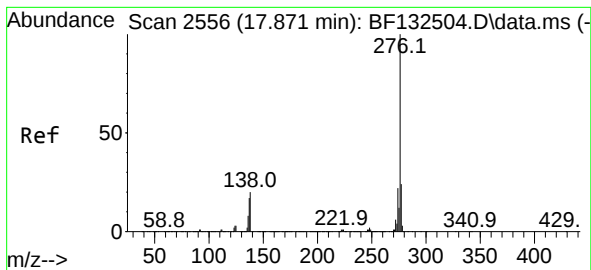
Tgt Ion:244 Resp: 1757383
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 9.1 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.733 min Scan# 2235
 Delta R.T. -0.006 min
 Lab File: BF132681.D
 Acq: 07 Mar 2023 16:56

Tgt Ion:264 Resp: 370530
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 21.7 17.1 25.7





#92

Benzo(g,h,i)perylene

Concen: 2.217 ng

RT: 17.804 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF132681.D

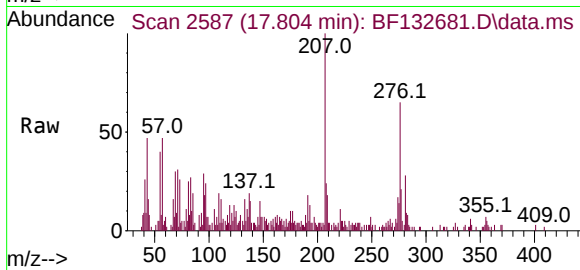
Acq: 07 Mar 2023 16:56

Instrument :

BNA_F

ClientSampleId :

HH-TP2-0306



Tgt Ion:276 Resp: 13941

Ion Ratio Lower Upper

276 100

277 32.4 18.9 28.3#

138 22.3 16.2 24.4

