

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)

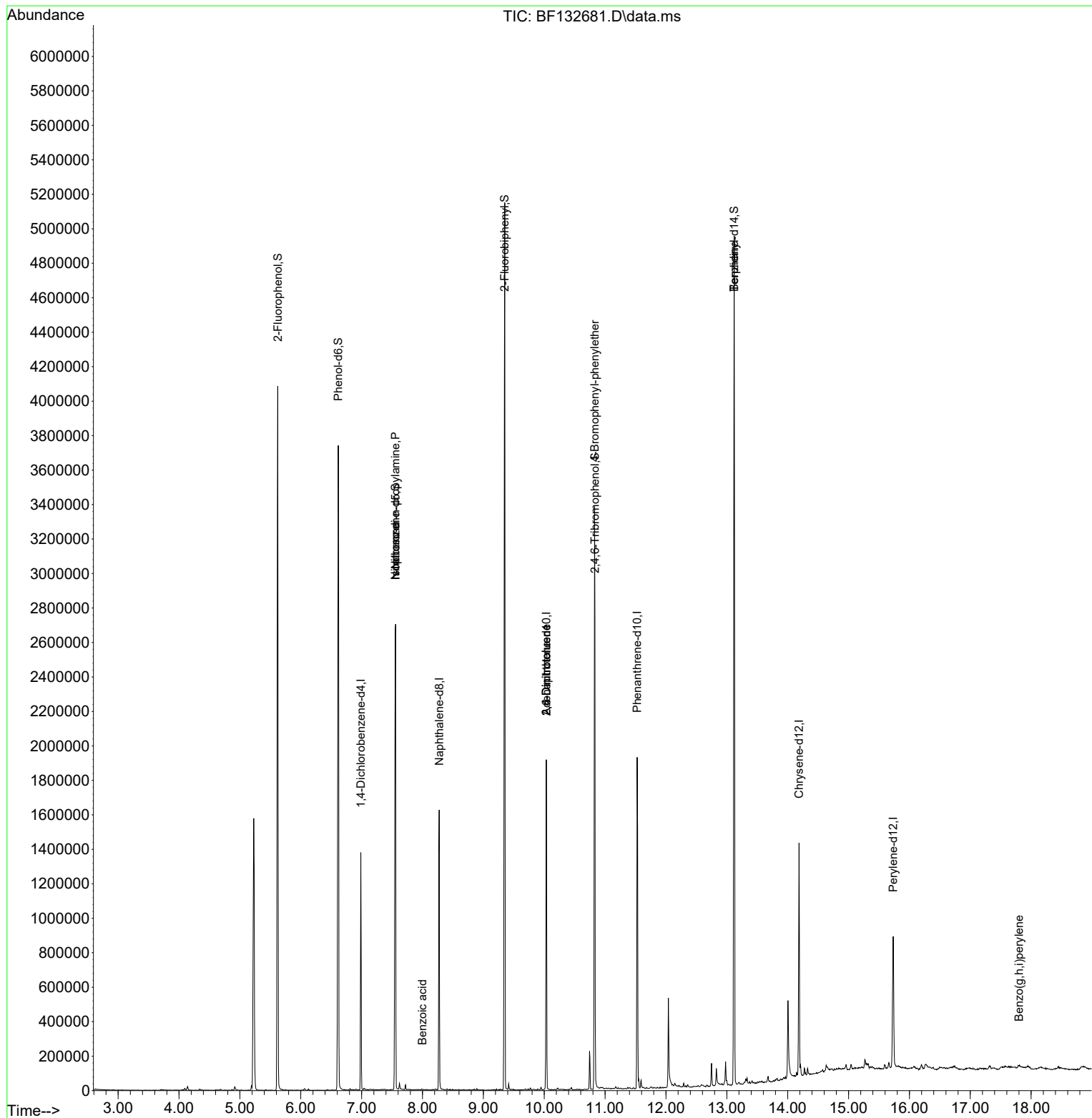
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.987	152	184969	20.000	ng	0.00
21) Naphthalene-d8	8.275	136	689389	20.000	ng	0.00
39) Acenaphthene-d10	10.034	164	370147	20.000	ng	0.00
64) Phenanthrene-d10	11.528	188	716843	20.000	ng	0.00
76) Chrysene-d12	14.186	240	417832	20.000	ng	-0.01
86) Perylene-d12	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						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.557	70	134992	14.747	ng	# 73
25) Isophorone	7.557	82	1026099	36.833	ng	# 67
32) Benzoic acid	7.998	122	62	3.843	ng	91
51) 2,6-Dinitrotoluene	10.034	165	48319	7.872	ng	# 22
57) 2,4-Dinitrotoluene	10.034	165	48319	5.917	ng	# 20
67) 4-Bromophenyl-phenylether	10.828	248	28039	3.458	ng	# 1
77) Benzidine	13.122	184	24804	2.439	ng	# 92
92) Benzo(g,h,i)perylene	17.804	276	13941	2.217	ng	# 88

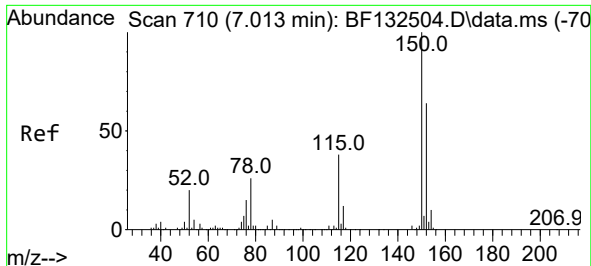
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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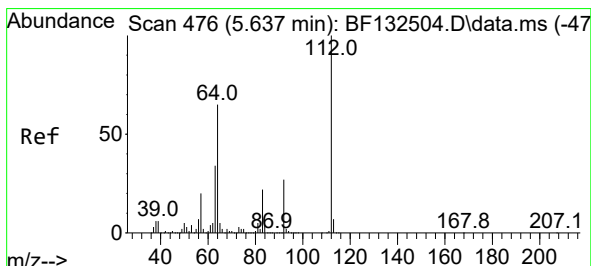
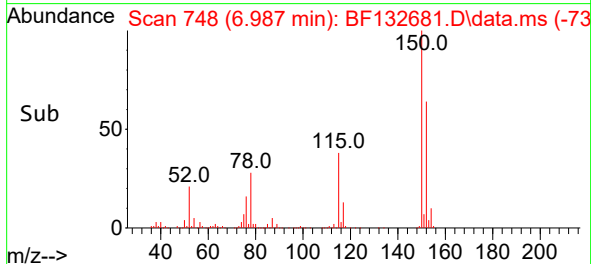
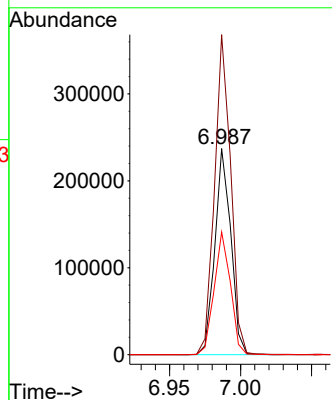
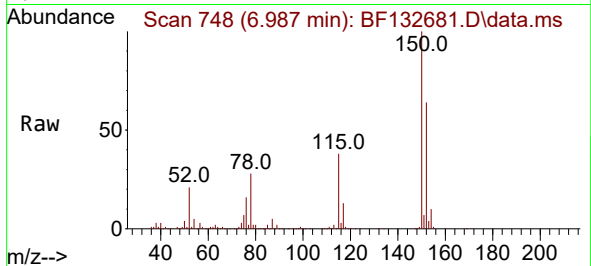




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.987 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132681.D
Acq: 07 Mar 2023 16:56

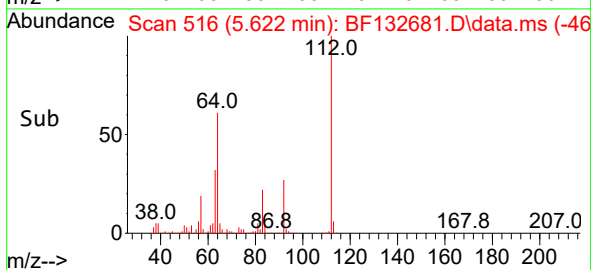
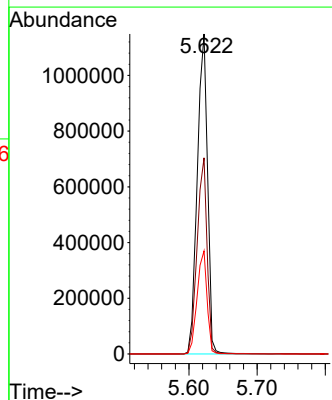
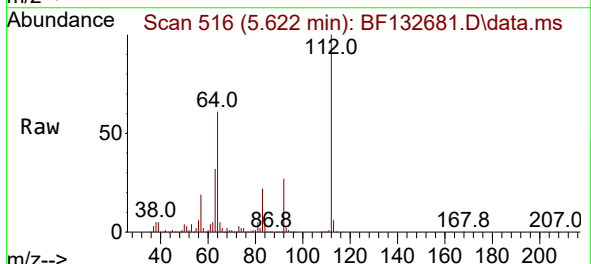
Instrument :
BNA_F
ClientSampleId :
HH-TP2-0306

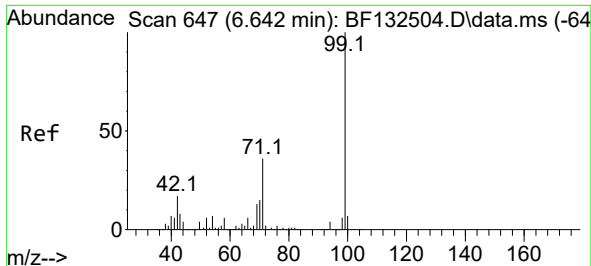
Tgt Ion:152 Resp: 184969
Ion Ratio Lower Upper
152 100
150 155.3 125.4 188.2
115 59.6 47.8 71.6



#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

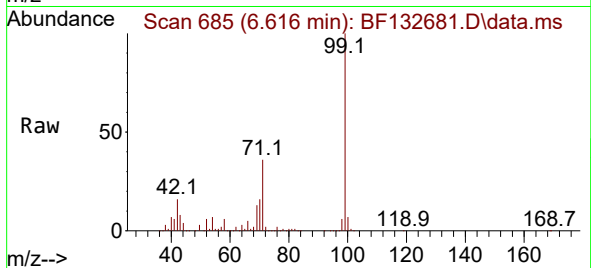
Tgt Ion:112 Resp: 1202486
Ion Ratio Lower Upper
112 100
64 61.3 51.6 77.4
63 32.2 27.4 41.2





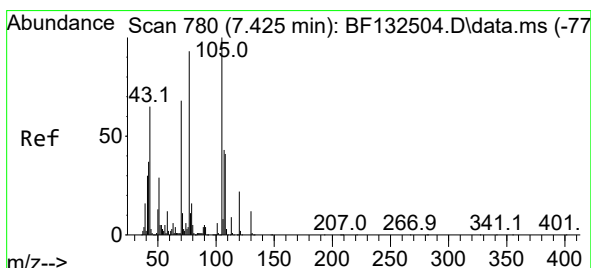
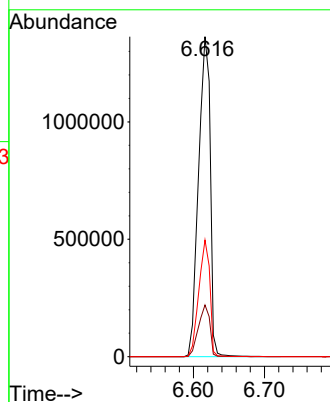
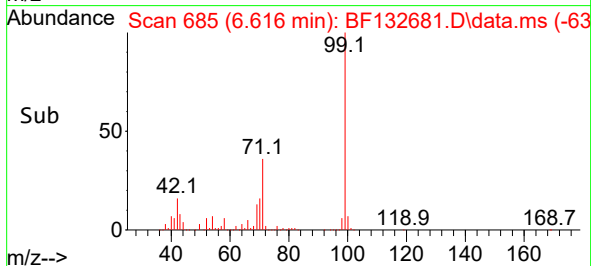
#7
Phenol-d6
Concen: 105.181 ng
RT: 6.616 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132681.D
Acq: 07 Mar 2023 16:56

Instrument :
BNA_F
ClientSampleId :
HH-TP2-0306

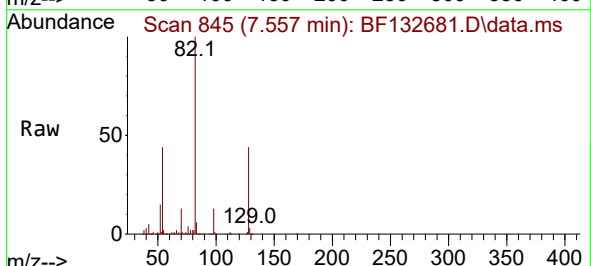


Tgt Ion: 99 Resp: 1564464

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

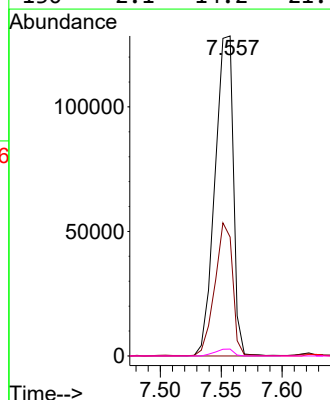
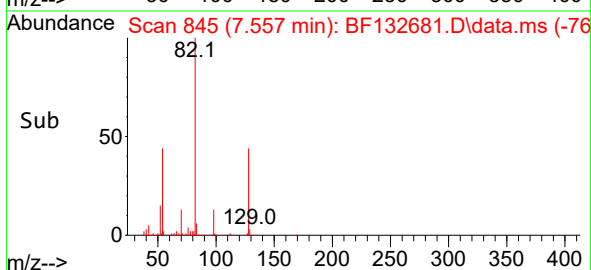


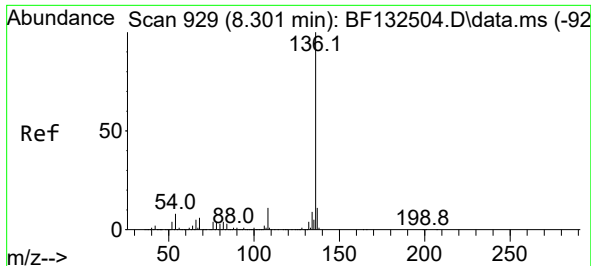
#19
n-Nitroso-di-n-propylamine
Concen: 14.747 ng
RT: 7.557 min Scan# 845
Delta R.T. 0.153 min
Lab File: BF132681.D
Acq: 07 Mar 2023 16:56



Tgt Ion: 70 Resp: 134992

Ion	Ratio	Lower	Upper
70	100		
42	37.1	44.1	66.1#
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#

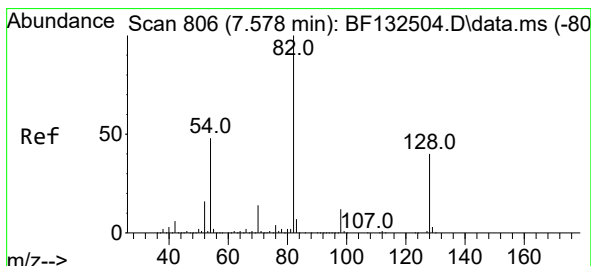
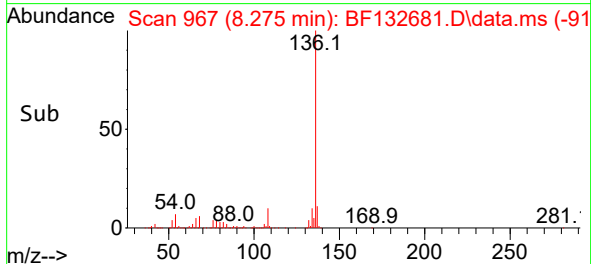
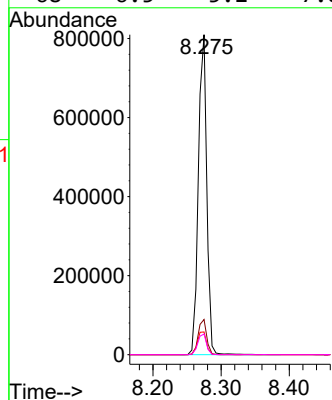
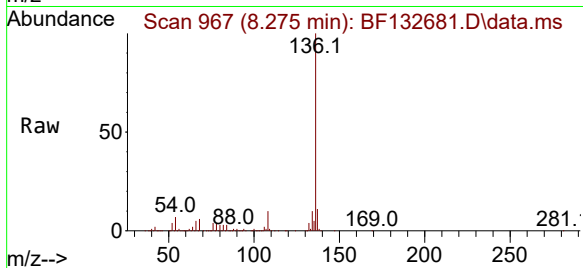




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.275 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132681.D
Acq: 07 Mar 2023 16:56

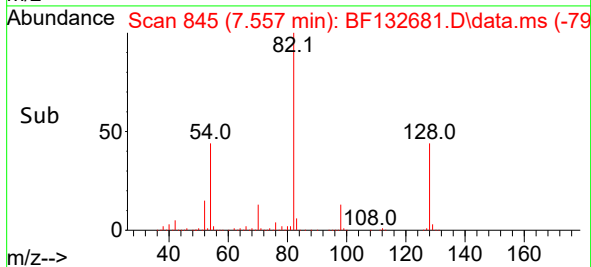
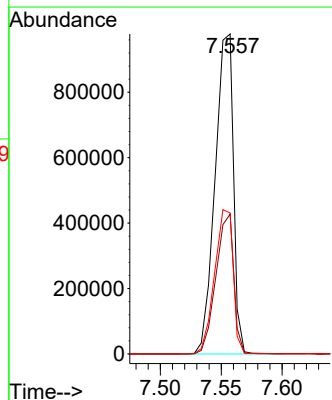
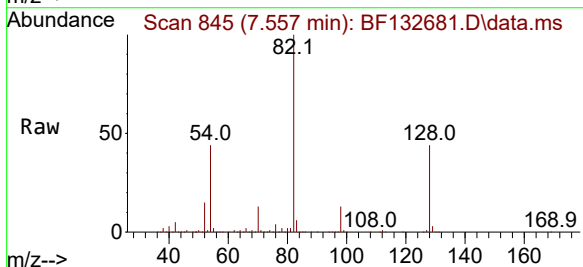
Instrument :
BNA_F
ClientSampleId :
HH-TP2-0306

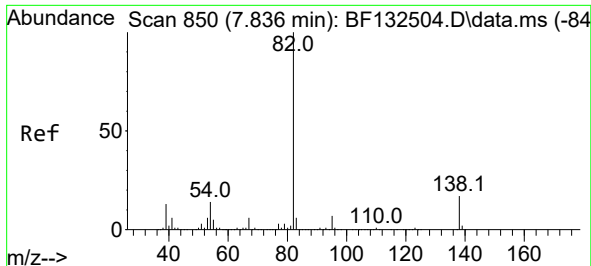
Tgt Ion:136 Resp: 689389
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.1 6.2 9.4
68 6.5 5.2 7.8



#23
Nitrobenzene-d5
Concen: 70.619 ng
RT: 7.557 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF132681.D
Acq: 07 Mar 2023 16:56

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

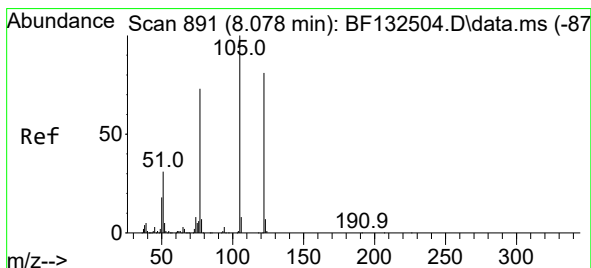
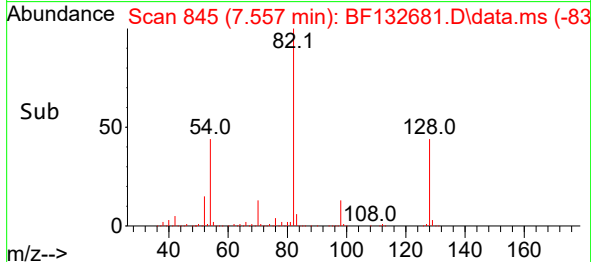
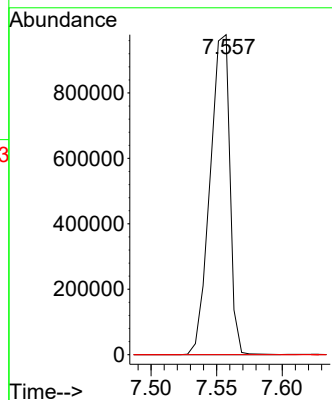
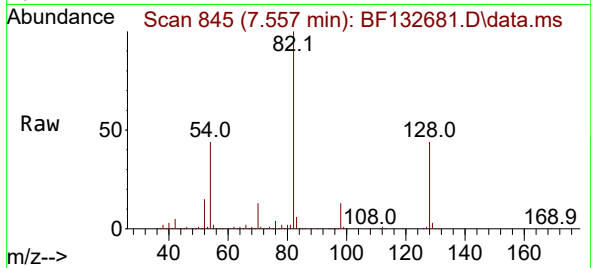




#25
Isophorone
Concen: 36.833 ng
RT: 7.557 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF132681.D
Acq: 07 Mar 2023 16:56

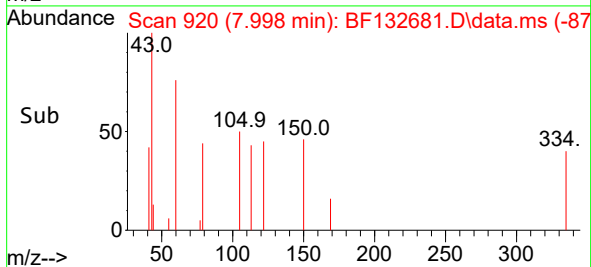
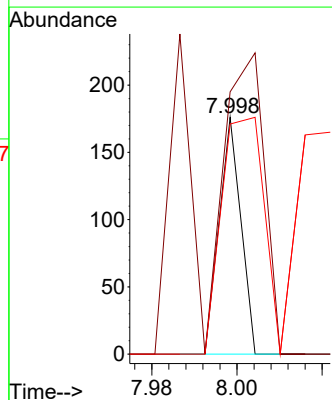
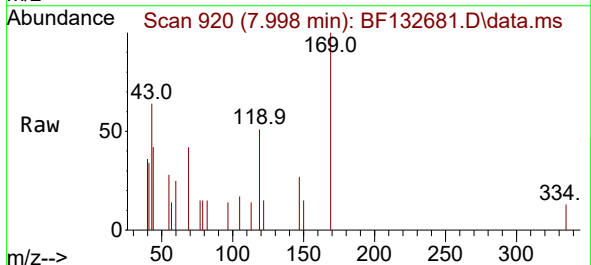
Instrument :
BNA_F
ClientSampleId :
HH-TP2-0306

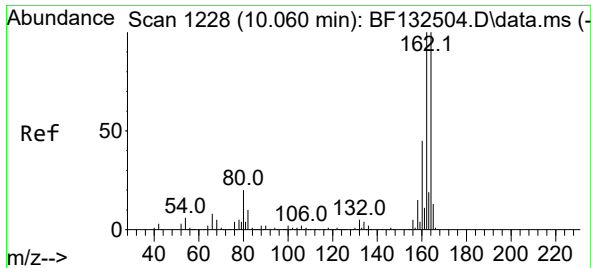
Tgt Ion: 82 Resp: 1026099
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.843 ng
RT: 7.998 min Scan# 920
Delta R.T. -0.059 min
Lab File: BF132681.D
Acq: 07 Mar 2023 16:56

Tgt Ion: 122 Resp: 62
Ion Ratio Lower Upper
122 100
105 110.8 102.6 142.6
77 97.2 70.2 110.2

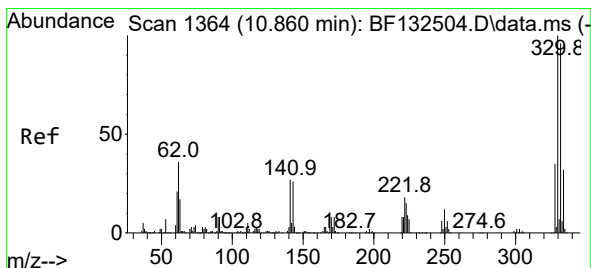
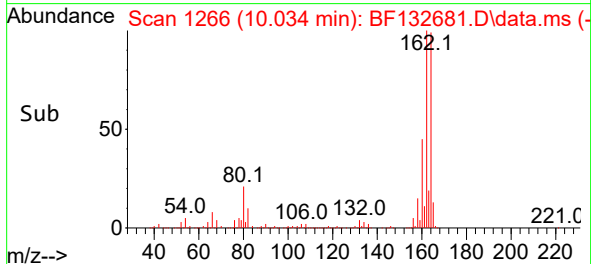
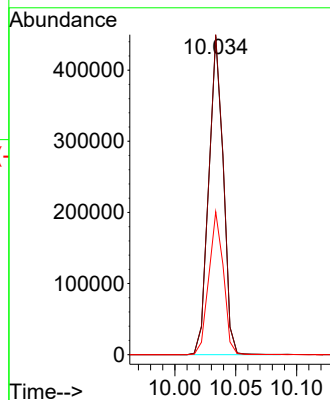
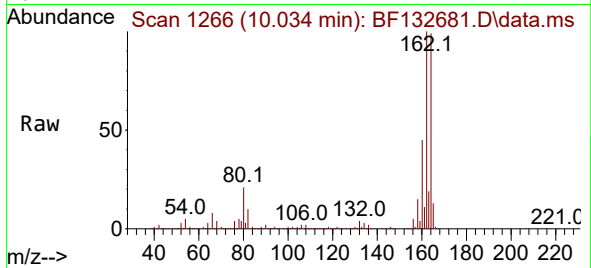




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.034 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132681.D
Acq: 07 Mar 2023 16:56

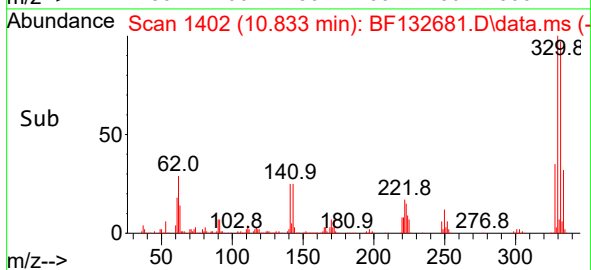
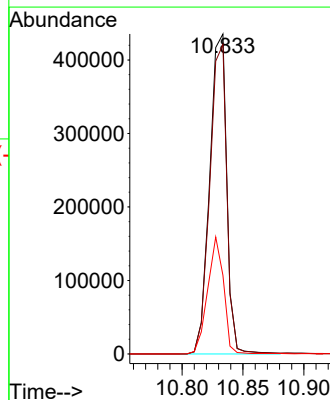
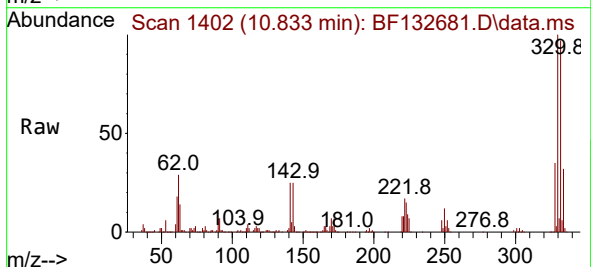
Instrument :
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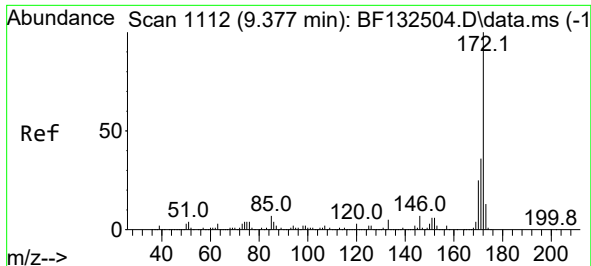
Tgt Ion:164 Resp: 370147
Ion Ratio Lower Upper
164 100
162 100.6 79.8 119.8
160 44.9 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 106.507 ng
RT: 10.833 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF132681.D
Acq: 07 Mar 2023 16:56

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

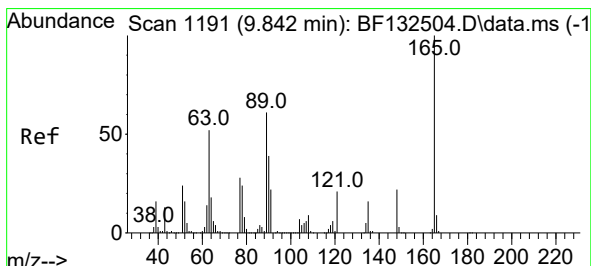
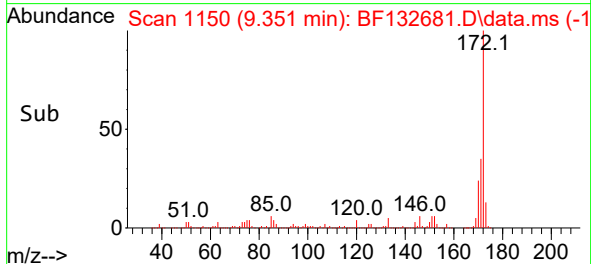
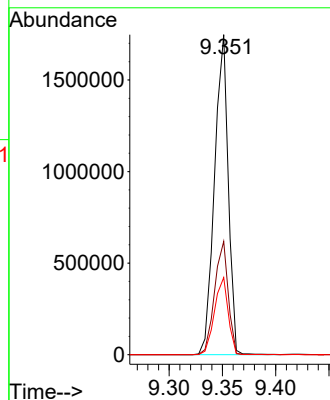
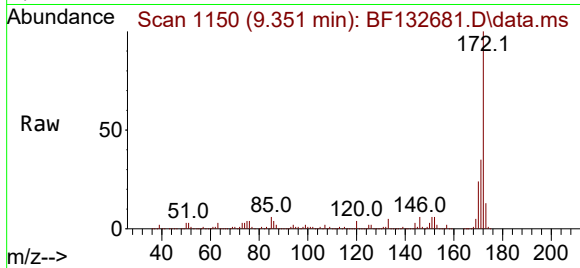




#45
2-Fluorobiphenyl
Concen: 64.157 ng
RT: 9.351 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF132681.D
Acq: 07 Mar 2023 16:56

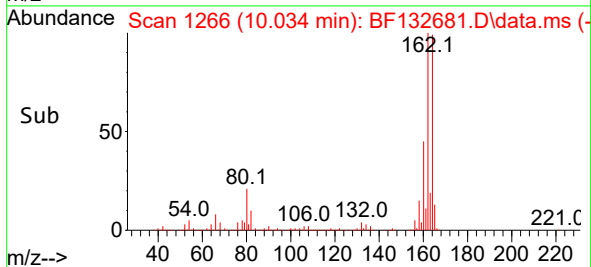
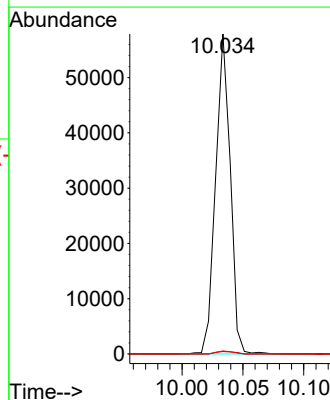
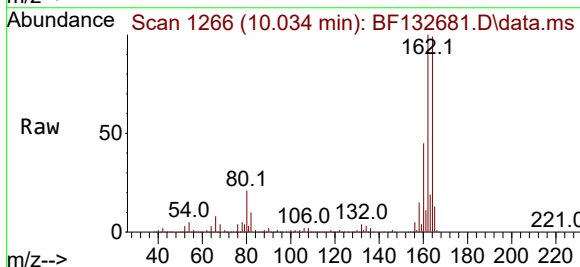
Instrument :
BNA_F
ClientSampleId :
HH-TP2-0306

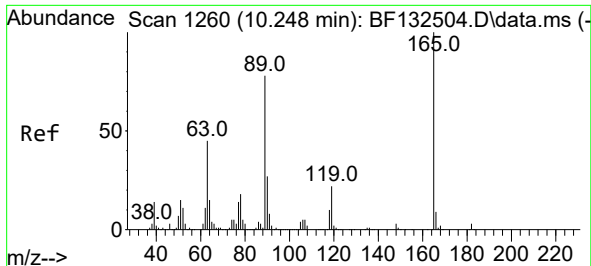
Tgt Ion:172 Resp: 1559601
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 24.1 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.872 ng
RT: 10.034 min Scan# 1266
Delta R.T. 0.212 min
Lab File: BF132681.D
Acq: 07 Mar 2023 16:56

Tgt Ion:165 Resp: 48319
Ion Ratio Lower Upper
165 100
63 0.7 47.3 70.9#
89 1.0 48.9 73.3#





#57

2,4-Dinitrotoluene

Concen: 5.917 ng

RT: 10.034 min Scan# 1

Delta R.T. -0.194 min

Lab File: BF132681.D

Acq: 07 Mar 2023 16:56

Instrument :

BNA_F

ClientSampleId :

HH-TP2-0306

Tgt Ion:165 Resp: 48319

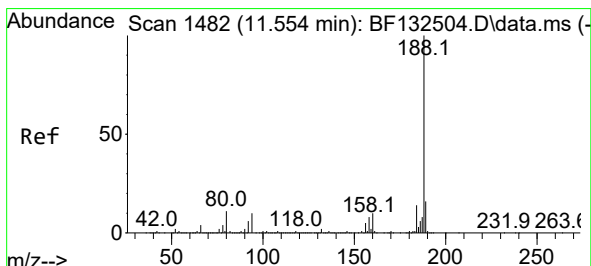
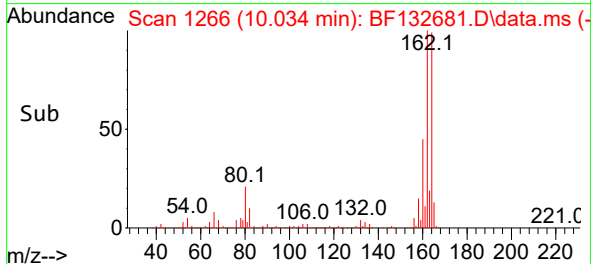
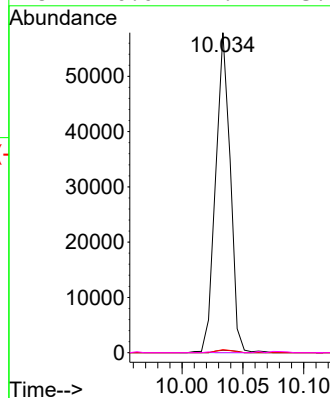
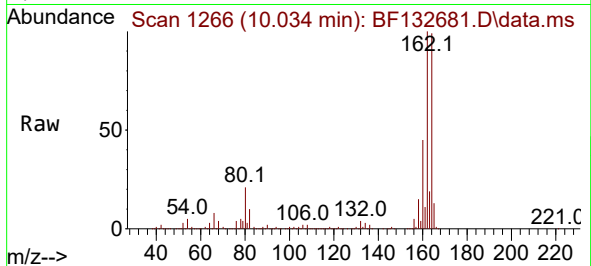
Ion Ratio Lower Upper

165 100

63 0.7 36.5 54.7#

89 1.0 62.4 93.6#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.528 min Scan# 1520

Delta R.T. -0.006 min

Lab File: BF132681.D

Acq: 07 Mar 2023 16:56

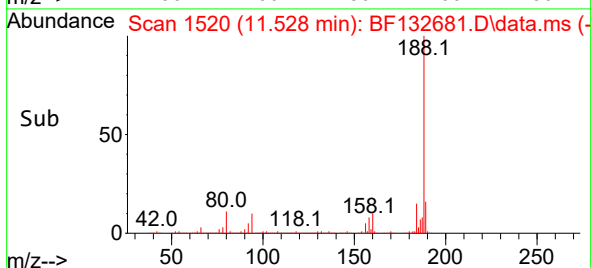
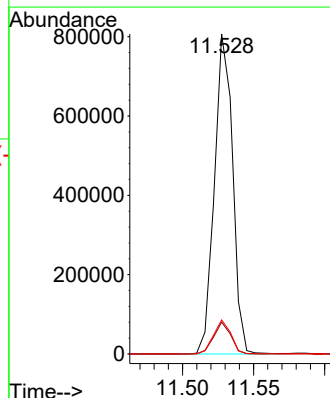
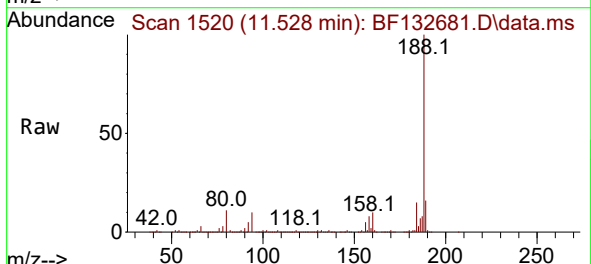
Tgt Ion:188 Resp: 716843

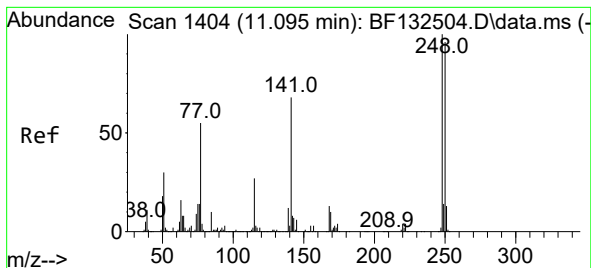
Ion Ratio Lower Upper

188 100

94 10.0 8.3 12.5

80 10.6 8.7 13.1

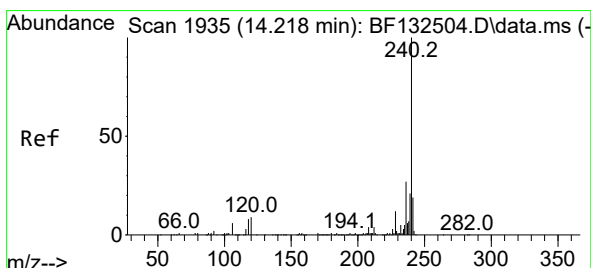
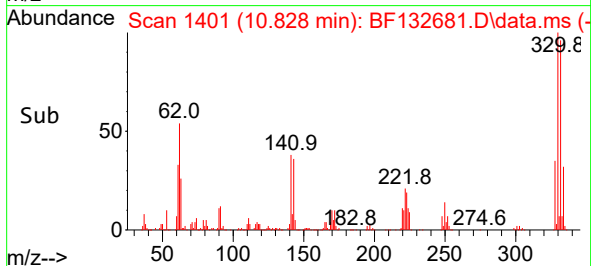
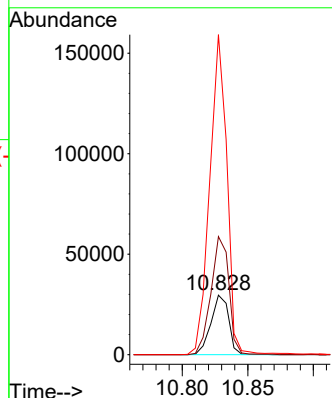
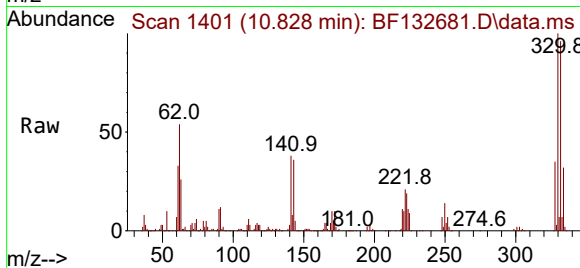




#67
4-Bromophenyl-phenylether
Concen: 3.458 ng
RT: 10.828 min Scan# 1404
Delta R.T. -0.247 min
Lab File: BF132681.D
Acq: 07 Mar 2023 16:56

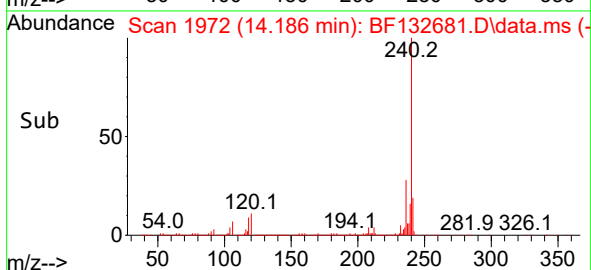
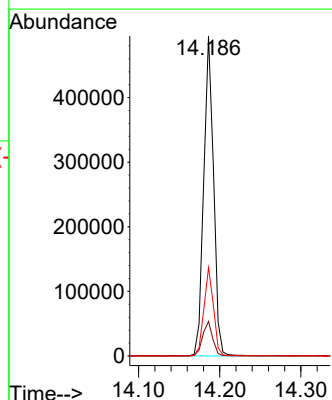
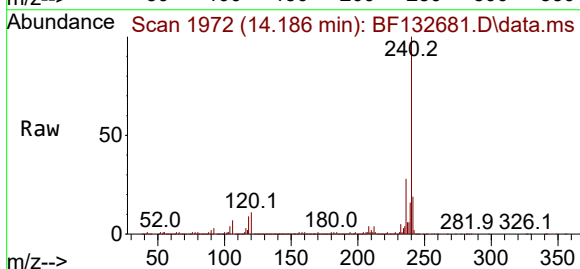
Instrument :
BNA_F
ClientSampleId :
HH-TP2-0306

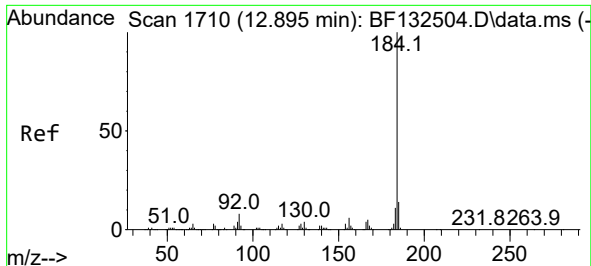
Tgt Ion:248 Resp: 28039
Ion Ratio Lower Upper
248 100
250 198.4 77.0 115.4#
141 537.4 54.2 81.2#



#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

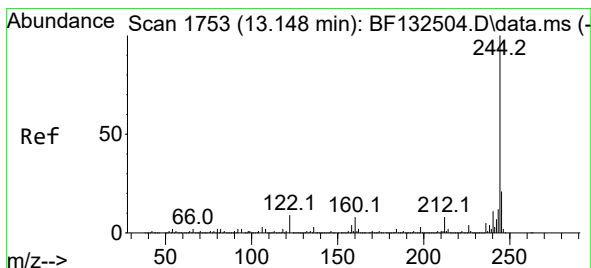
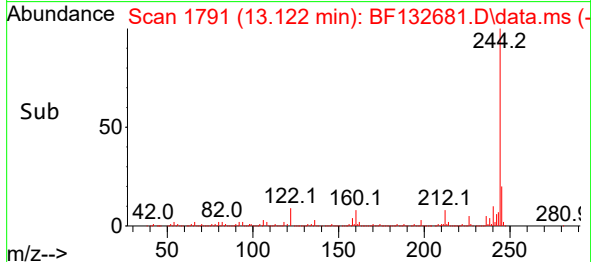
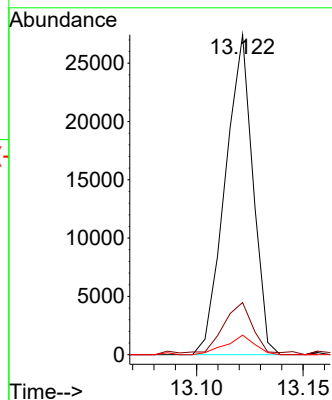
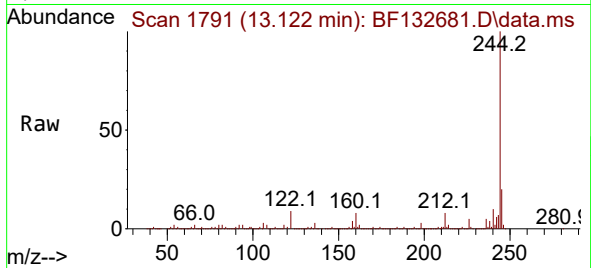




#77
Benzidine
Concen: 2.439 ng
RT: 13.122 min Scan# 1791
Delta R.T. 0.247 min
Lab File: BF132681.D
Acq: 07 Mar 2023 16:56

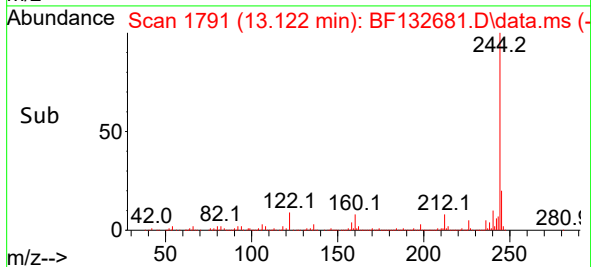
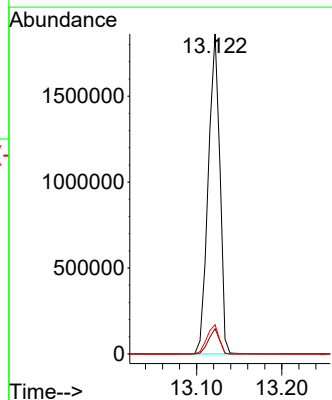
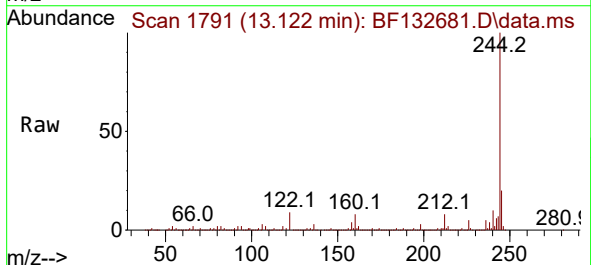
Instrument :
BNA_F
ClientSampleId :
HH-TP2-0306

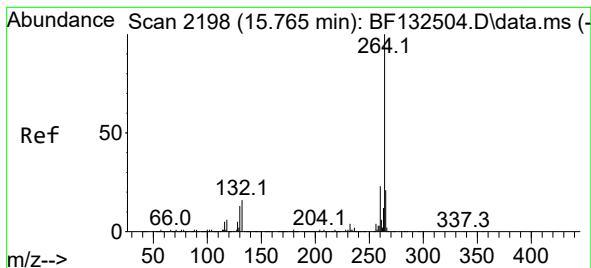
Tgt Ion:184 Resp: 24804
Ion Ratio Lower Upper
184 100
185 16.3 11.7 17.5
183 6.1 8.7 13.1#



#79
Terphenyl-d14
Concen: 71.112 ng
RT: 13.122 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF132681.D
Acq: 07 Mar 2023 16:56

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# 21

Delta R.T. -0.006 min

Lab File: BF132681.D

Acq: 07 Mar 2023 16:56

Instrument :

BNA_F

ClientSampleId :

HH-TP2-0306

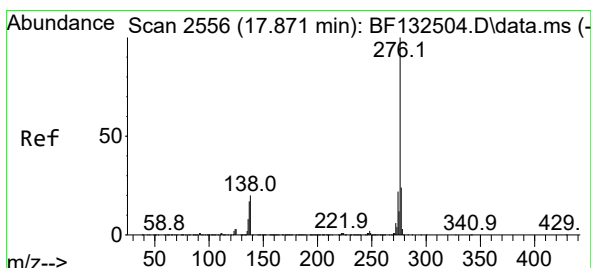
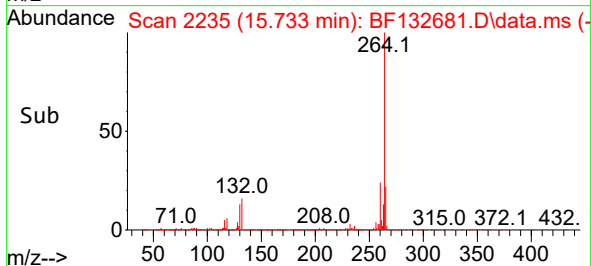
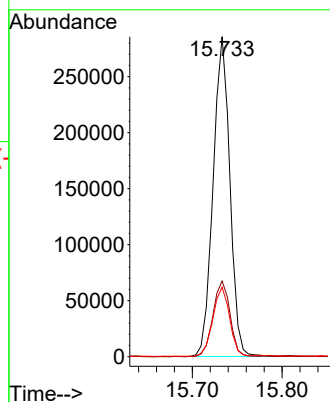
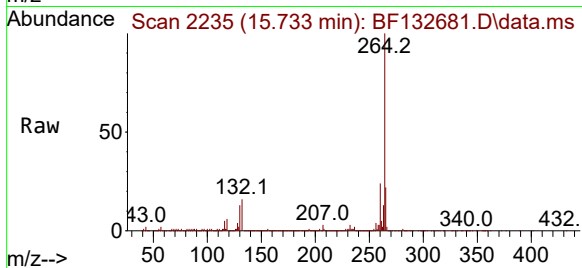
Tgt Ion:264 Resp: 370530

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# 2587

Delta R.T. -0.029 min

Lab File: BF132681.D

Acq: 07 Mar 2023 16:56

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

