

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
 Data File : BF132698.D
 Acq On : 08 Mar 2023 19:28
 Operator : CG\JU
 Sample : 01825-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HH-TP4-0306

Quant Time: Mar 09 00:40:11 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)

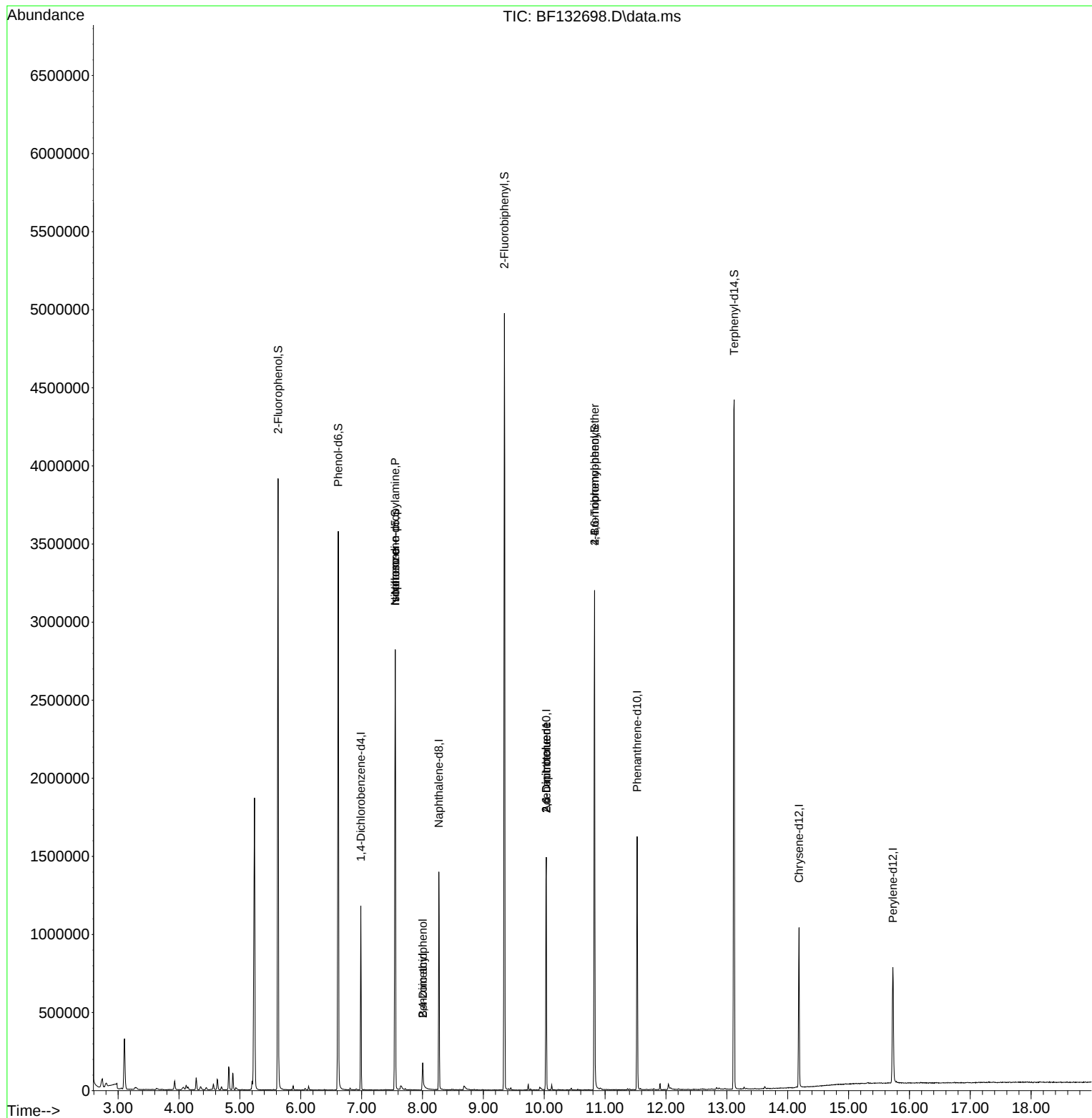
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.987	152	157087	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	591798	20.000	ng	-0.01
39) Acenaphthene-d10	10.033	164	306465	20.000	ng	0.00
64) Phenanthrene-d10	11.528	188	577843	20.000	ng	0.00
76) Chrysene-d12	14.186	240	344114	20.000	ng	-0.01
86) Perylene-d12	15.727	264	375164	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	1116919	115.396	ng	0.01
7) Phenol-d6	6.616	99	1330397	105.320	ng	0.00
23) Nitrobenzene-d5	7.551	82	988376	79.238	ng	-0.01
42) 2,4,6-Tribromophenol	10.828	330	389696	117.744	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	1540033	76.516	ng	-0.01
79) Terphenyl-d14	13.122	244	1730123	85.007	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.551	70	129485	16.656	ng	# 75
25) Isophorone	7.551	82	988369	41.329	ng	# 67
27) 2,4-Dimethylphenol	8.004	122	51772	5.573	ng	# 2
32) Benzoic acid	8.004	122	51772	10.343	ng	# 96
51) 2,6-Dinitrotoluene	10.033	165	40336	7.937	ng	# 22
57) 2,4-Dinitrotoluene	10.033	165	40336	5.966	ng	# 21
67) 4-Bromophenyl-phenylether	10.828	248	25744	3.939	ng	# 1

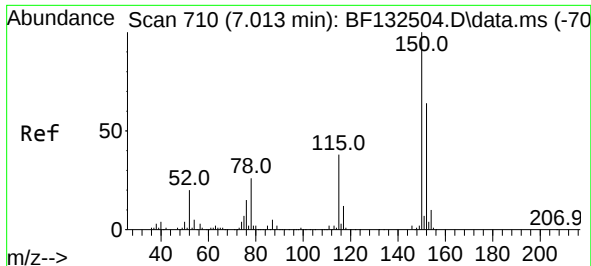
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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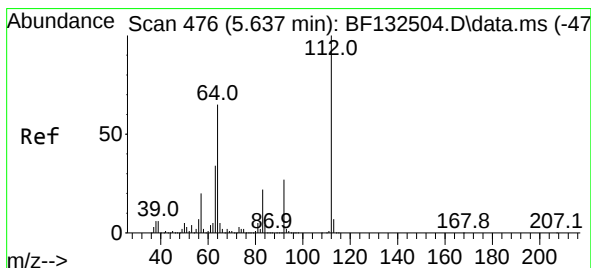
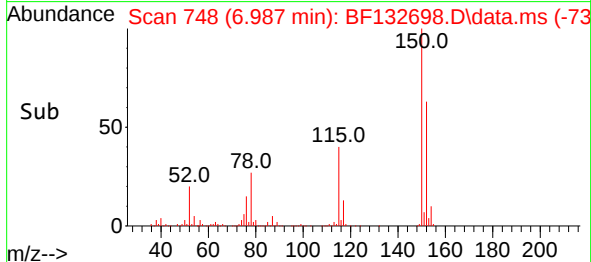
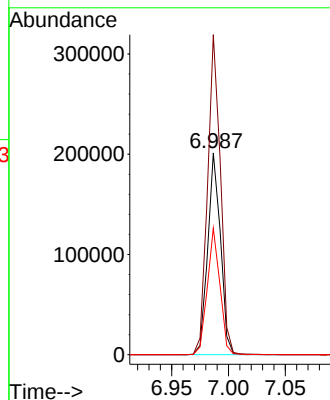
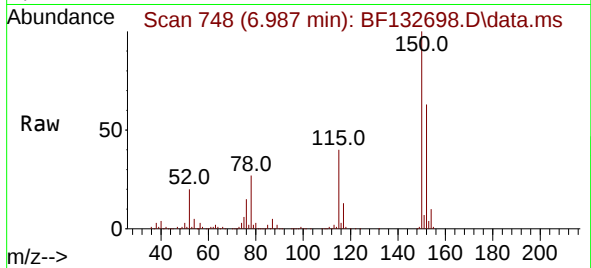




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.987 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132698.D
Acq: 08 Mar 2023 19:28

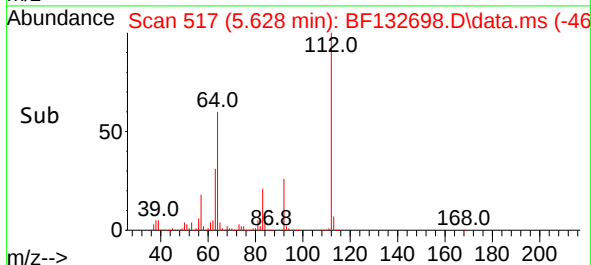
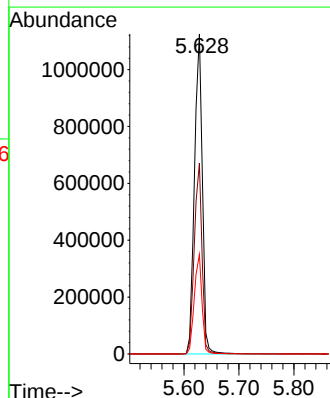
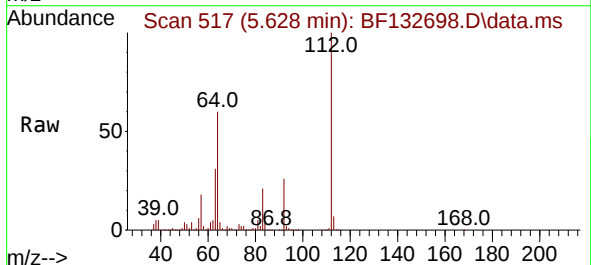
Instrument :
BNA_F
ClientSampleId :
HH-TP4-0306

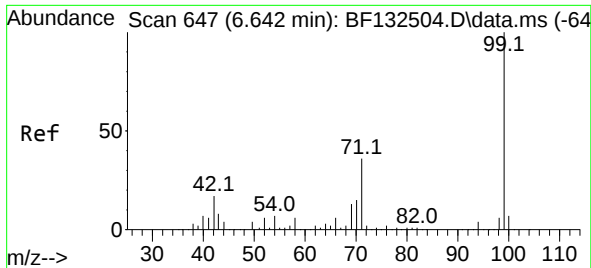
Tgt Ion:152 Resp: 157087
Ion Ratio Lower Upper
152 100
150 158.6 125.4 188.2
115 62.8 47.8 71.6



#5
2-Fluorophenol
Concen: 115.396 ng
RT: 5.628 min Scan# 517
Delta R.T. 0.012 min
Lab File: BF132698.D
Acq: 08 Mar 2023 19:28

Tgt Ion:112 Resp: 1116919
Ion Ratio Lower Upper
112 100
64 59.6 51.6 77.4
63 31.1 27.4 41.2

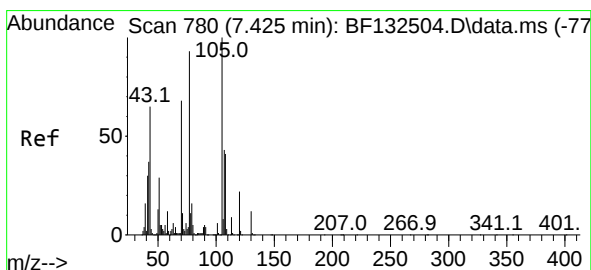
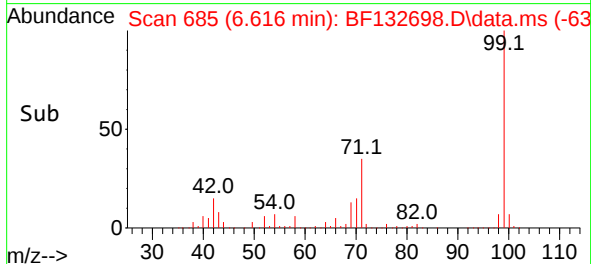
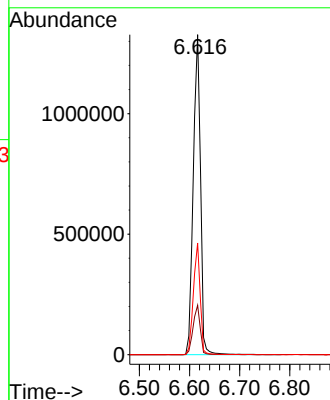
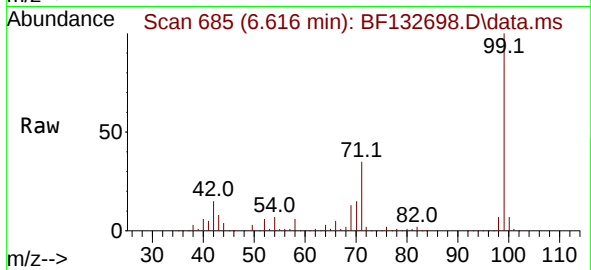




#7
Phenol-d6
Concen: 105.320 ng
RT: 6.616 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132698.D
Acq: 08 Mar 2023 19:28

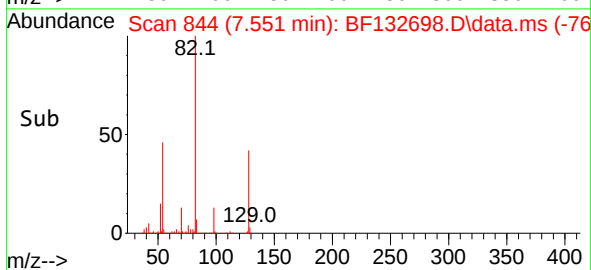
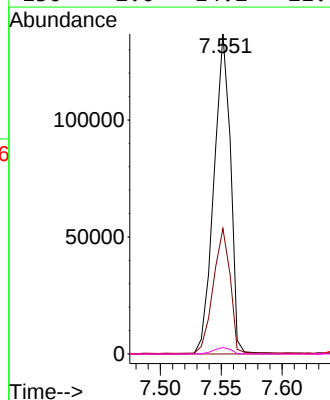
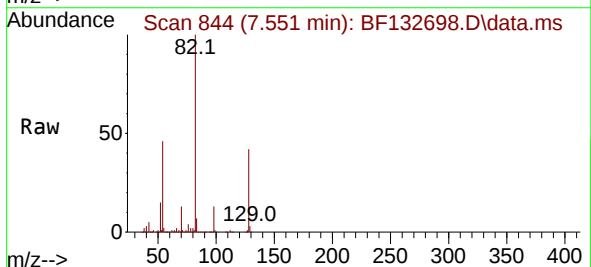
Instrument :
BNA_F
ClientSampleId :
HH-TP4-0306

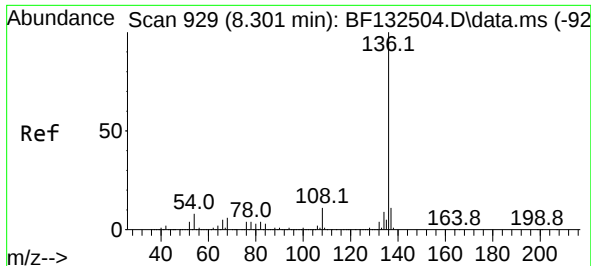
Tgt Ion: 99 Resp: 1330397
Ion Ratio Lower Upper
99 100
42 15.5 13.9 20.9
71 34.9 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.656 ng
RT: 7.551 min Scan# 844
Delta R.T. 0.147 min
Lab File: BF132698.D
Acq: 08 Mar 2023 19:28

Tgt Ion: 70 Resp: 129485
Ion Ratio Lower Upper
70 100
42 39.2 44.1 66.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#

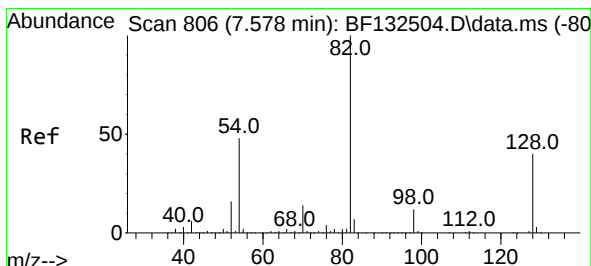
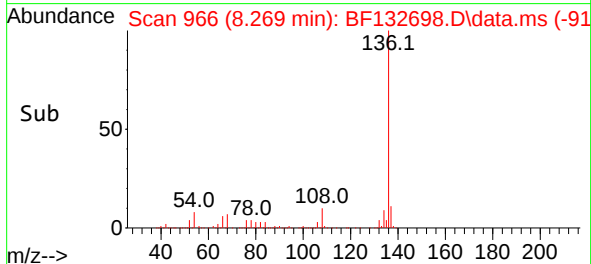
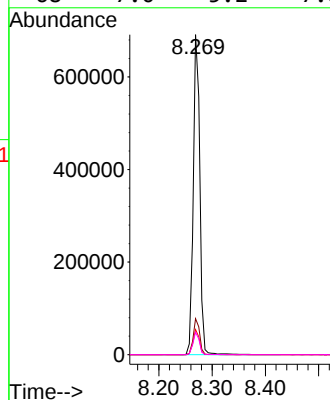
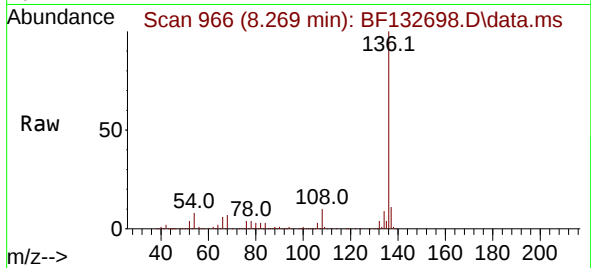




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF132698.D
Acq: 08 Mar 2023 19:28

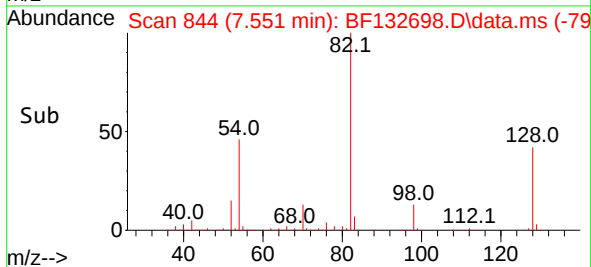
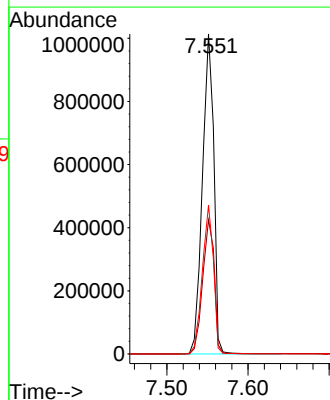
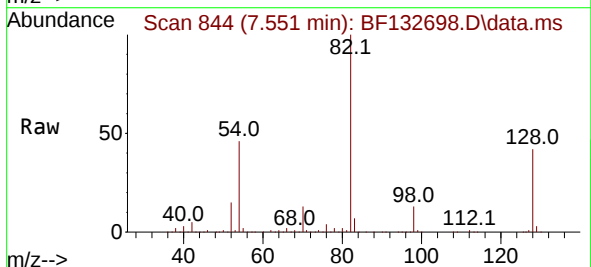
Instrument :
BNA_F
ClientSampleId :
HH-TP4-0306

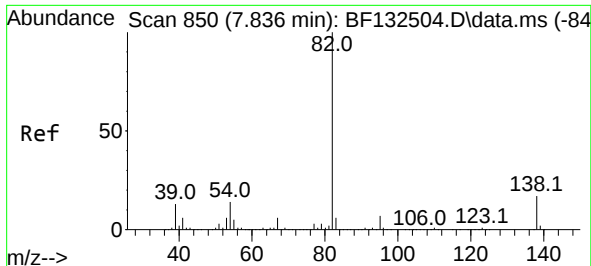
Tgt Ion:136 Resp: 591798
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 7.8 6.2 9.4
68 7.0 5.2 7.8



#23
Nitrobenzene-d5
Concen: 79.238 ng
RT: 7.551 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF132698.D
Acq: 08 Mar 2023 19:28

Tgt Ion: 82 Resp: 988376
Ion Ratio Lower Upper
82 100
128 41.9 32.2 48.2
54 46.5 38.4 57.6

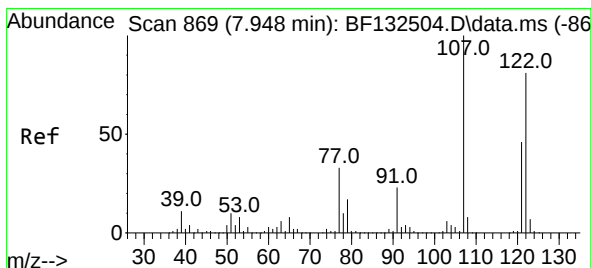
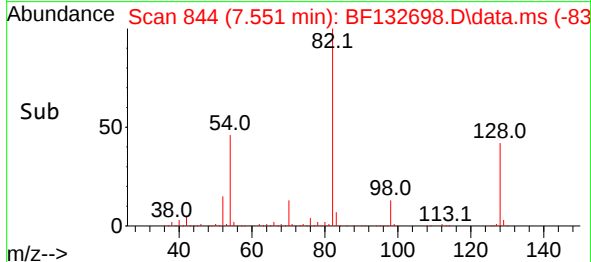
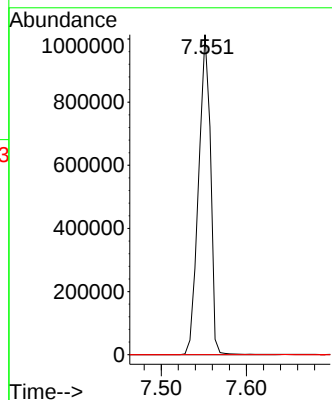
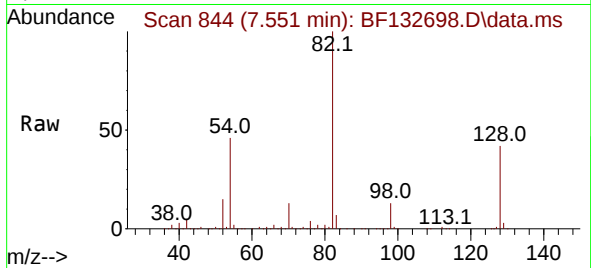




#25
Isophorone
Concen: 41.329 ng
RT: 7.551 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF132698.D
Acq: 08 Mar 2023 19:28

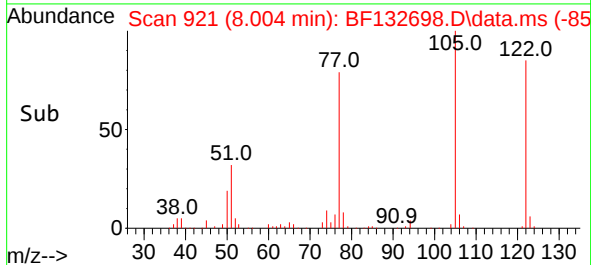
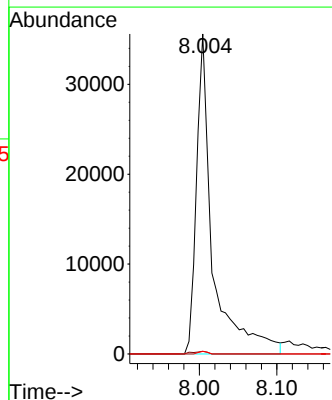
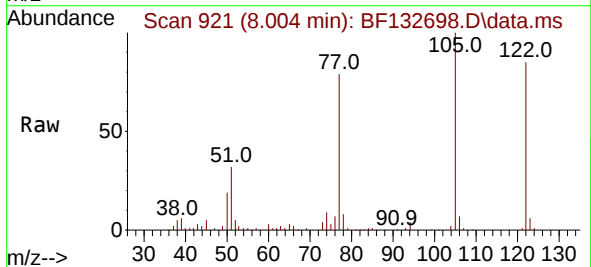
Instrument :
BNA_F
ClientSampleId :
HH-TP4-0306

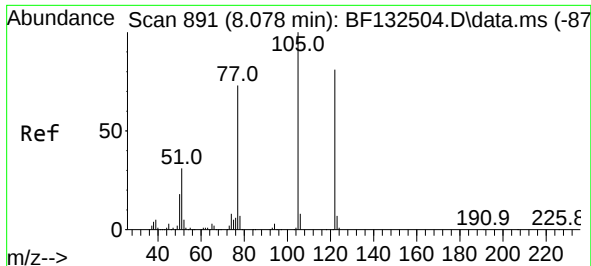
Tgt Ion: 82 Resp: 988369
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#27
2,4-Dimethylphenol
Concen: 5.573 ng
RT: 8.004 min Scan# 921
Delta R.T. 0.076 min
Lab File: BF132698.D
Acq: 08 Mar 2023 19:28

Tgt Ion: 122 Resp: 51772
Ion Ratio Lower Upper
122 100
107 0.8 98.7 148.1#
121 0.8 45.8 68.6#

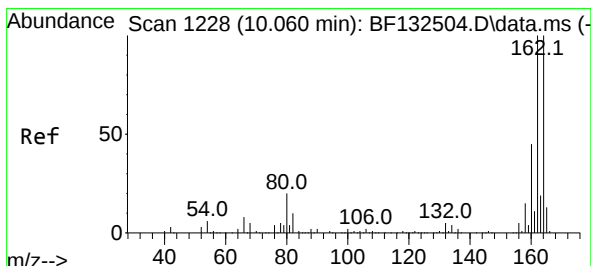
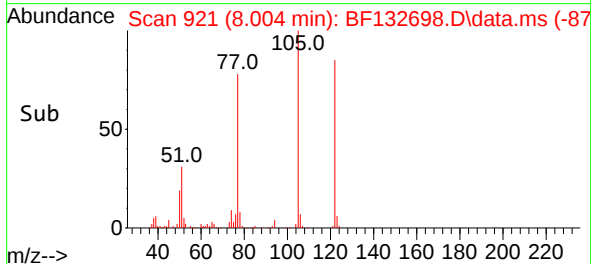
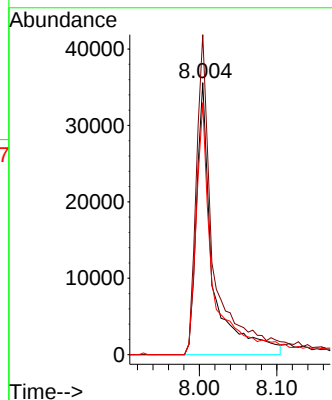
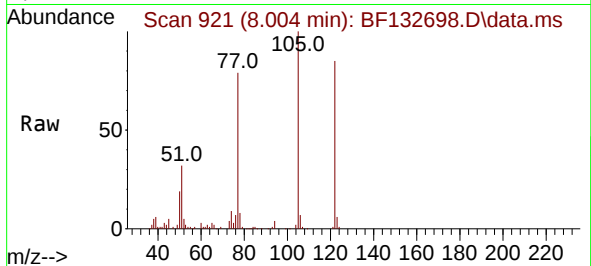




#32
Benzoic acid
Concen: 10.343 ng
RT: 8.004 min Scan# 91
Delta R.T. -0.053 min
Lab File: BF132698.D
Acq: 08 Mar 2023 19:28

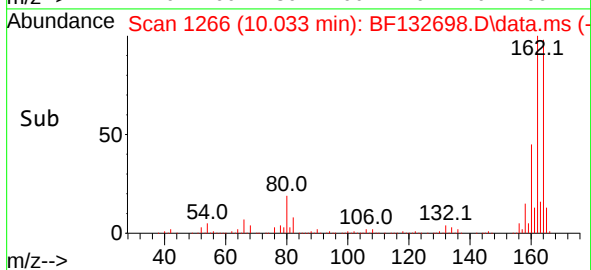
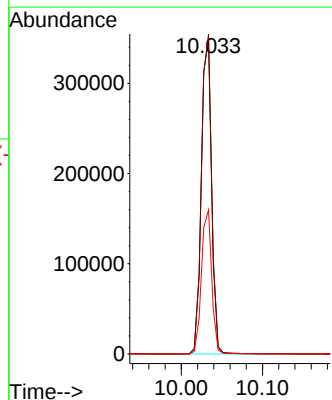
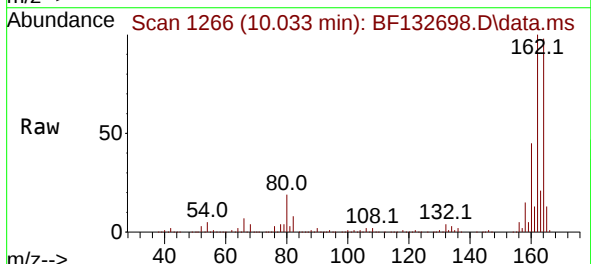
Instrument :
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ClientSampleId :
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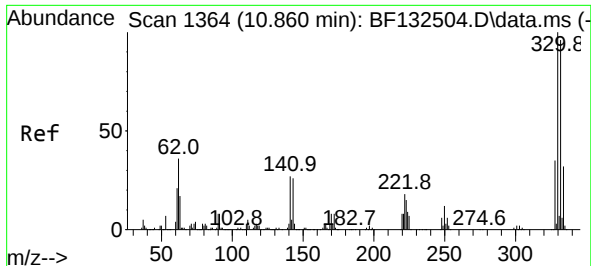
Tgt Ion:122 Resp: 51772
Ion Ratio Lower Upper
122 100
105 117.6 102.6 142.6
77 92.6 70.2 110.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.033 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF132698.D
Acq: 08 Mar 2023 19:28

Tgt Ion:164 Resp: 306465
Ion Ratio Lower Upper
164 100
162 101.9 79.8 119.8
160 45.9 35.8 53.6

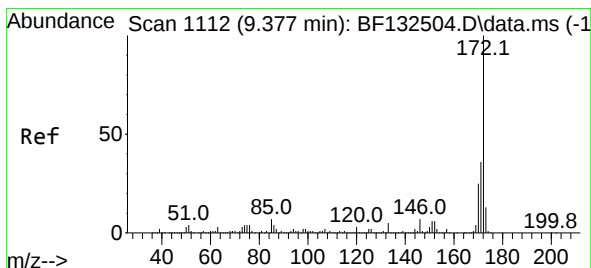
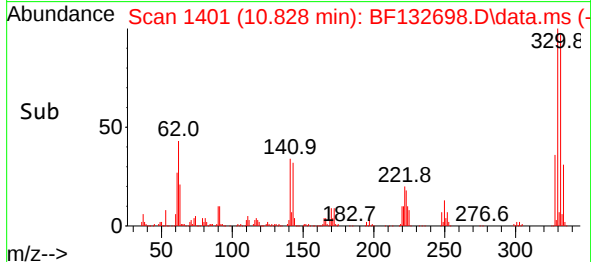
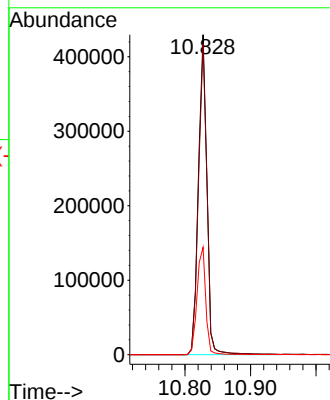
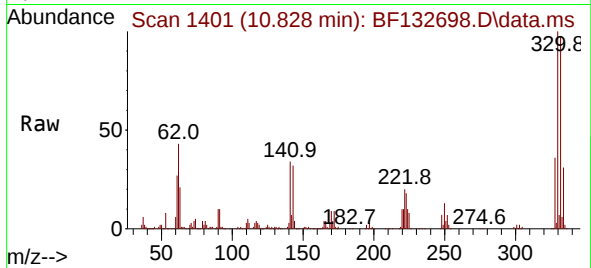




#42
 2,4,6-Tribromophenol
 Concen: 117.744 ng
 RT: 10.828 min Scan# 1401
 Delta R.T. -0.006 min
 Lab File: BF132698.D
 Acq: 08 Mar 2023 19:28

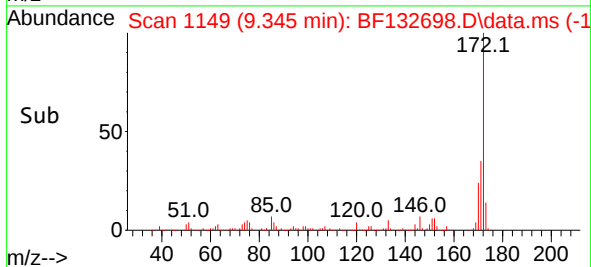
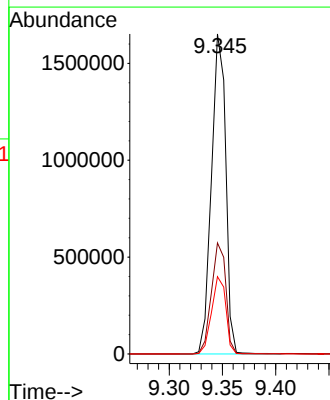
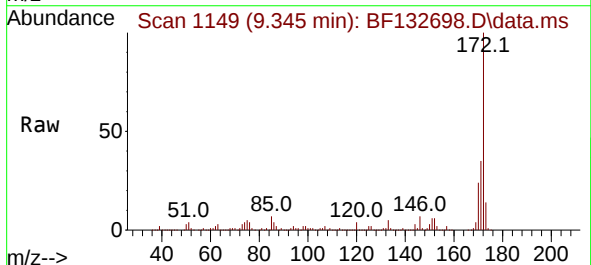
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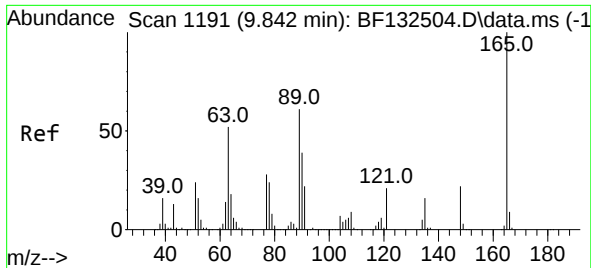
Tgt Ion: 330 Resp: 389696
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.2 114.4
 141 34.5 28.4 42.6



#45
 2-Fluorobiphenyl
 Concen: 76.516 ng
 RT: 9.345 min Scan# 1149
 Delta R.T. -0.012 min
 Lab File: BF132698.D
 Acq: 08 Mar 2023 19:28

Tgt Ion: 172 Resp: 1540033
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.8 43.2
 170 24.1 19.7 29.5

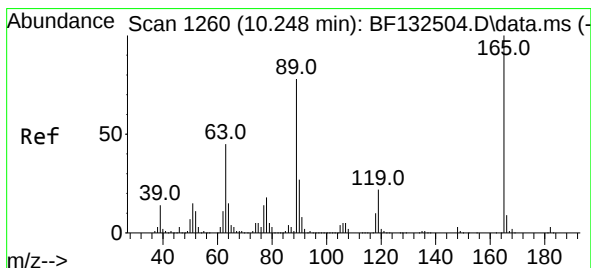
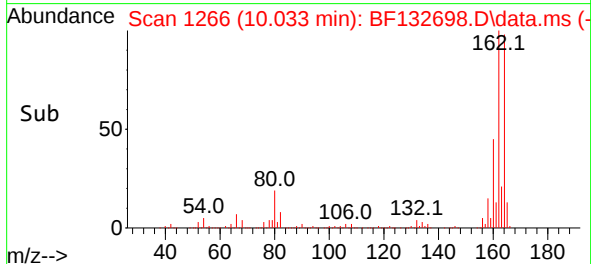
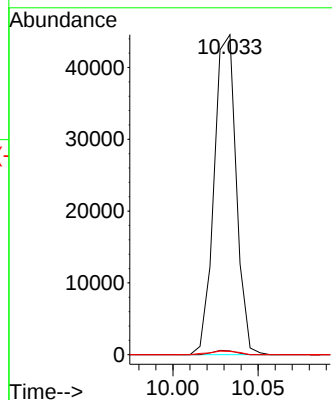
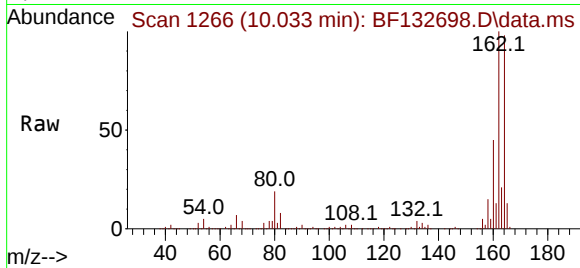




#51
2,6-Dinitrotoluene
Concen: 7.937 ng
RT: 10.033 min Scan# 1191
Delta R.T. 0.212 min
Lab File: BF132698.D
Acq: 08 Mar 2023 19:28

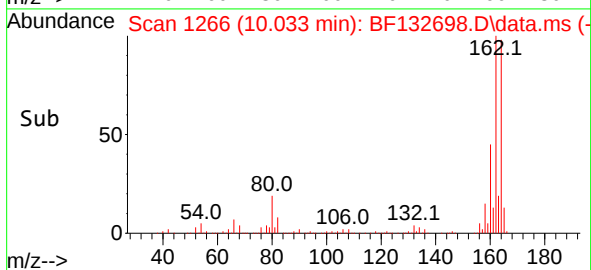
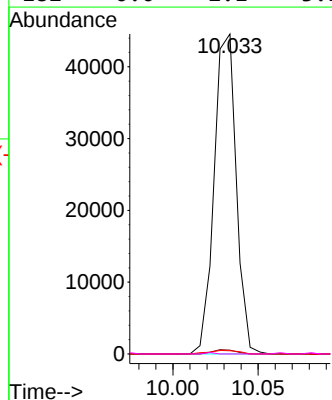
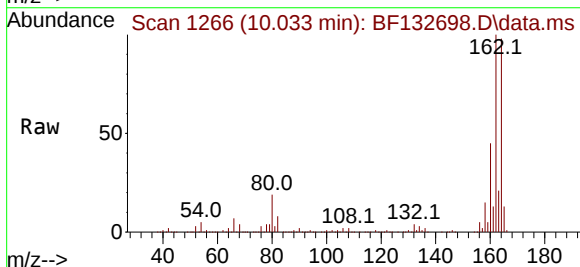
Instrument :
BNA_F
ClientSampleId :
HH-TP4-0306

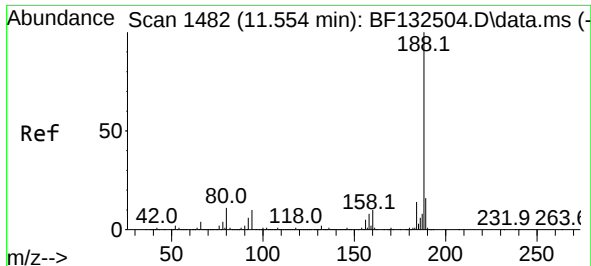
Tgt Ion:165 Resp: 40336
Ion Ratio Lower Upper
165 100
63 1.2 47.3 70.9#
89 1.0 48.9 73.3#



#57
2,4-Dinitrotoluene
Concen: 5.966 ng
RT: 10.033 min Scan# 1266
Delta R.T. -0.194 min
Lab File: BF132698.D
Acq: 08 Mar 2023 19:28

Tgt Ion:165 Resp: 40336
Ion Ratio Lower Upper
165 100
63 1.2 36.5 54.7#
89 1.0 62.4 93.6#
182 0.0 2.1 3.1#

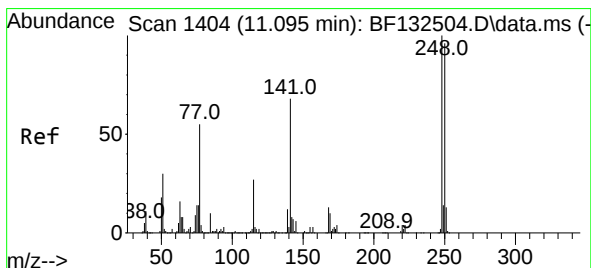
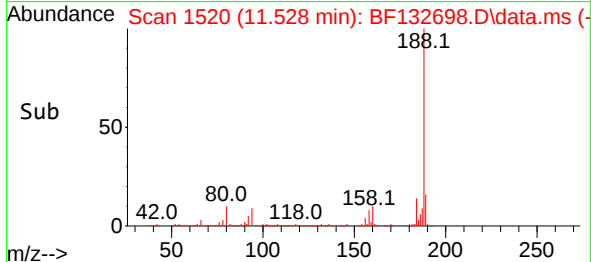
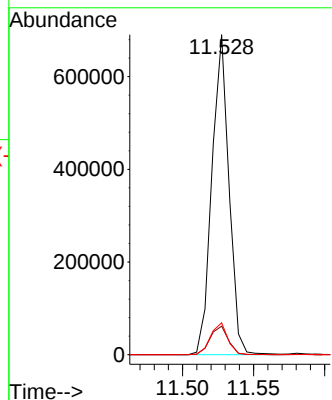
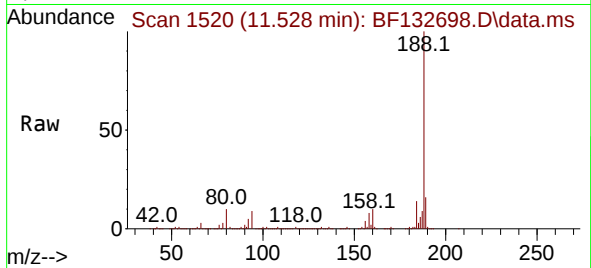




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.528 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132698.D
Acq: 08 Mar 2023 19:28

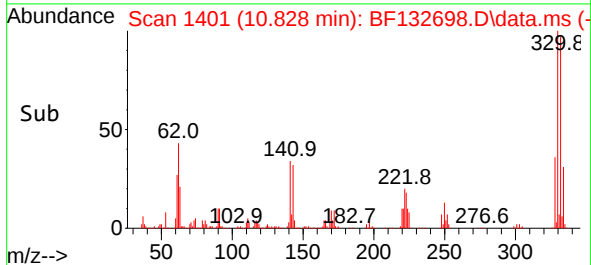
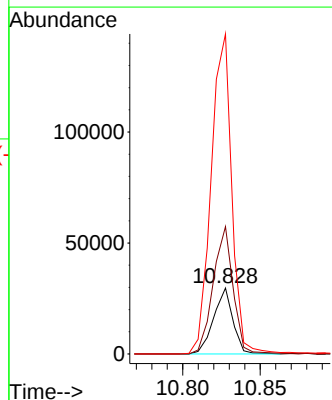
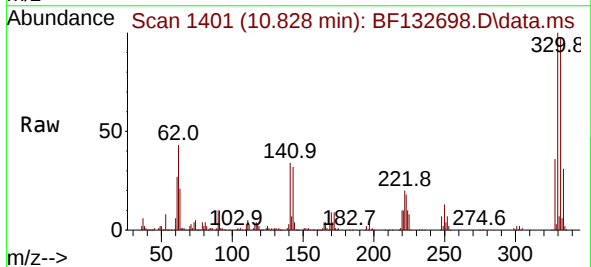
Instrument :
BNA_F
ClientSampleId :
HH-TP4-0306

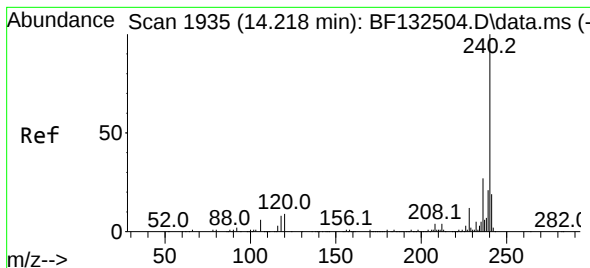
Tgt Ion:188 Resp: 577843
Ion Ratio Lower Upper
188 100
94 8.9 8.3 12.5
80 10.0 8.7 13.1



#67
4-Bromophenyl-phenylether
Concen: 3.939 ng
RT: 10.828 min Scan# 1401
Delta R.T. -0.247 min
Lab File: BF132698.D
Acq: 08 Mar 2023 19:28

Tgt Ion:248 Resp: 25744
Ion Ratio Lower Upper
248 100
250 192.9 77.0 115.4#
141 484.8 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.186 min Scan# 1935

Delta R.T. -0.012 min

Lab File: BF132698.D

Acq: 08 Mar 2023 19:28

Instrument :

BNA_F

ClientSampleId :

HH-TP4-0306

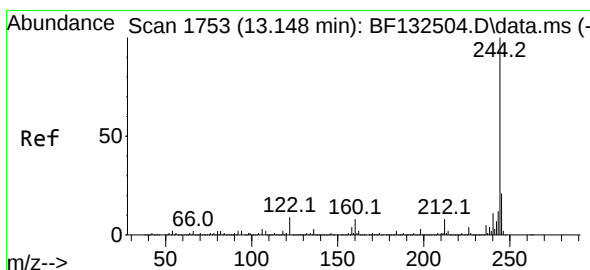
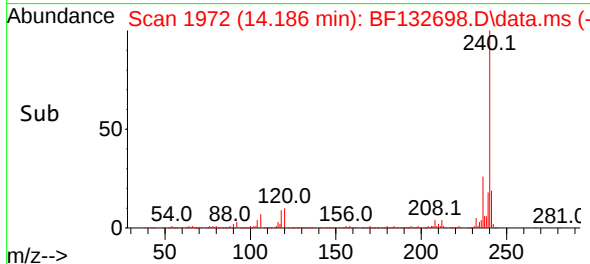
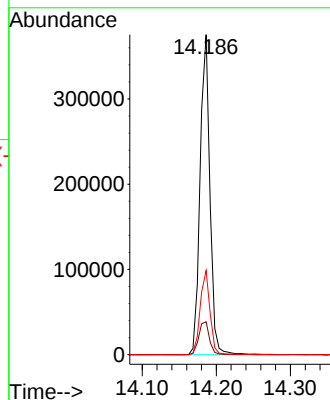
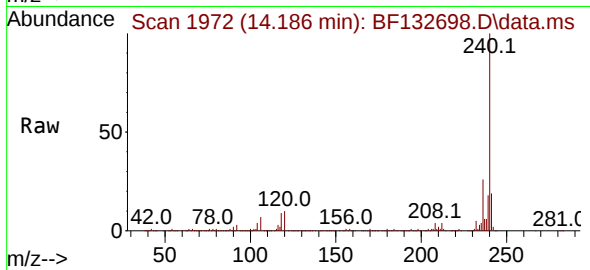
Tgt Ion:240 Resp: 344114

Ion Ratio Lower Upper

240 100

120 10.3 7.2 10.8

236 26.3 21.8 32.6



#79

Terphenyl-d14

Concen: 85.007 ng

RT: 13.122 min Scan# 1791

Delta R.T. -0.006 min

Lab File: BF132698.D

Acq: 08 Mar 2023 19:28

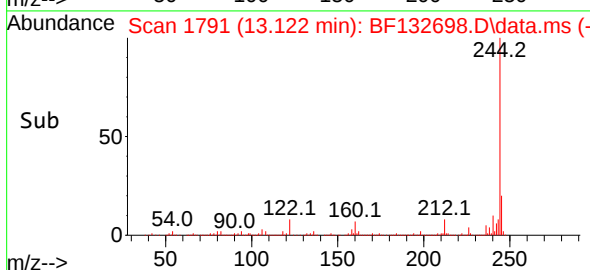
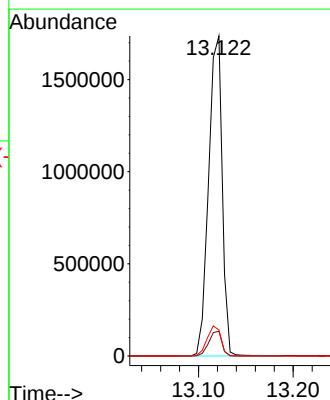
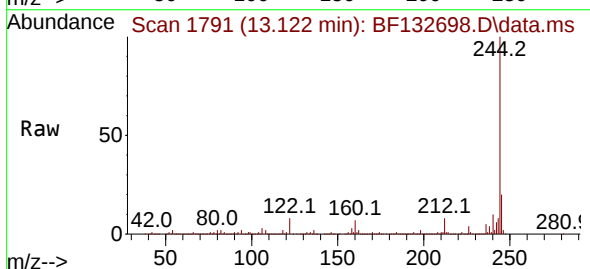
Tgt Ion:244 Resp: 1730123

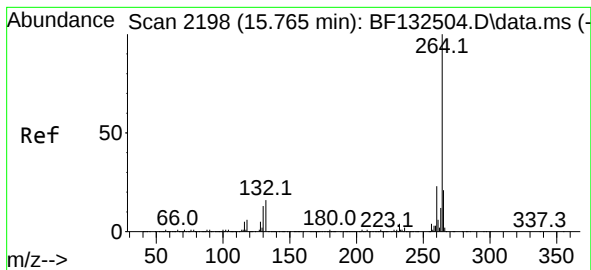
Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

122 8.1 7.5 11.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.727 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF132698.D
Acq: 08 Mar 2023 19:28

Instrument :
BNA_F
ClientSampleId :
HH-TP4-0306

Tgt Ion:264 Resp: 375164

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.8	28.2
265	22.0	17.1	25.7

