

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022823\
 Data File : BF132573.D
 Acq On : 28 Feb 2023 15:44
 Operator : CG\JU
 Sample : 01723-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HH-CON-1

Quant Time: Feb 28 16:05:24 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)

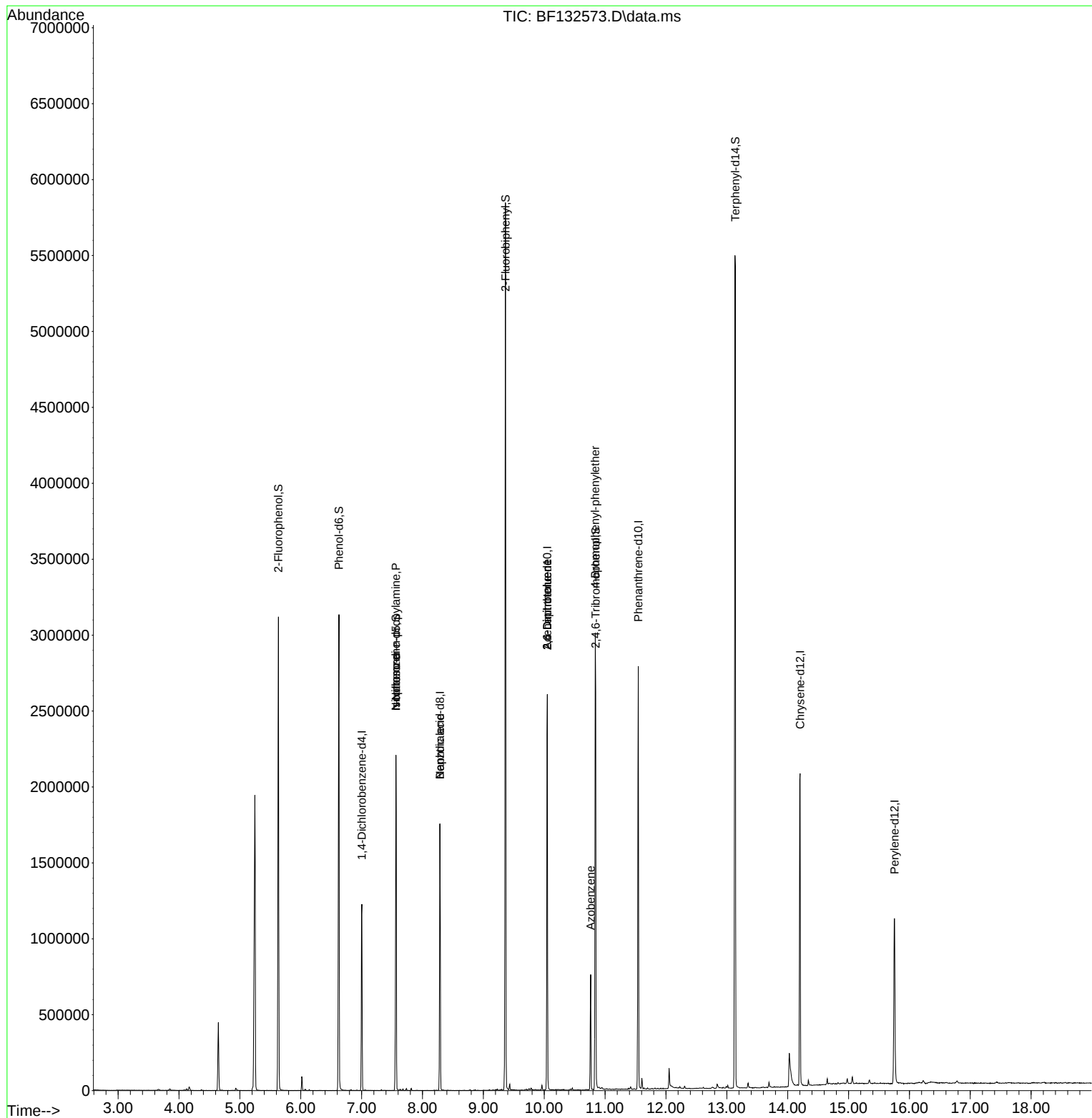
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.004	152	185597	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	683256	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	537015	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	1006045	20.000	ng	0.00
76) Chrysene-d12	14.204	240	742911	20.000	ng	0.00
86) Perylene-d12	15.757	264	562931	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	800148	69.970	ng	0.00
7) Phenol-d6	6.628	99	1069865	71.685	ng	0.00
23) Nitrobenzene-d5	7.563	82	740859	51.444	ng	0.00
42) 2,4,6-Tribromophenol	10.845	330	375881	64.812	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1742971	49.421	ng	0.00
79) Terphenyl-d14	13.139	244	2187794	49.791	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.563	70	100031	10.891	ng	# 81
25) Isophorone	7.563	82	740849	26.832	ng	# 67
32) Benzoic acid	8.287	122	190	3.857	ng	# 1
51) 2,6-Dinitrotoluene	10.051	165	70625	7.931	ng	# 22
57) 2,4-Dinitrotoluene	10.051	165	70625	5.961	ng	# 21
63) Azobenzene	10.763	77	127517	3.153	ng	# 1
67) 4-Bromophenyl-phenylether	10.839	248	23991	2.108	ng	# 1

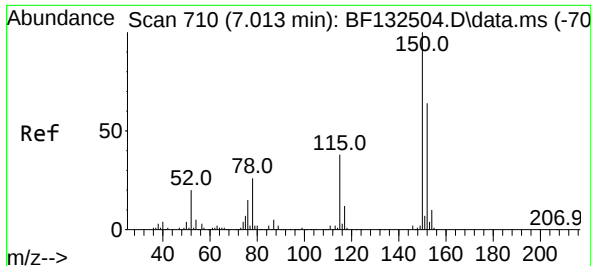
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
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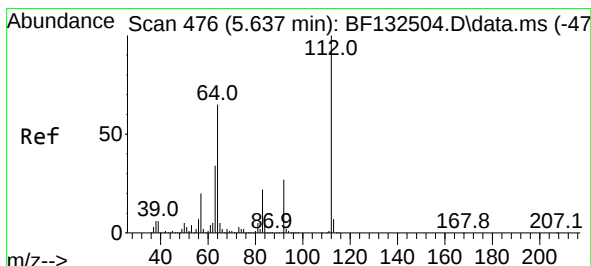
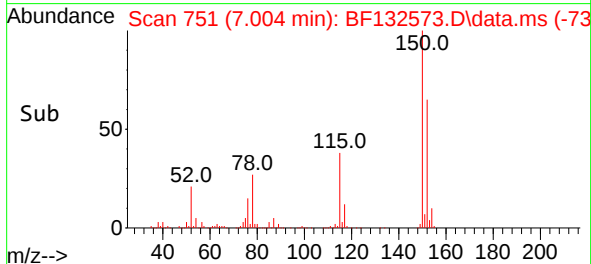
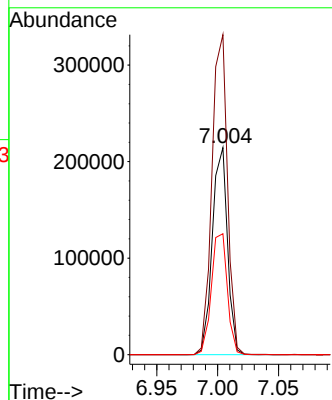
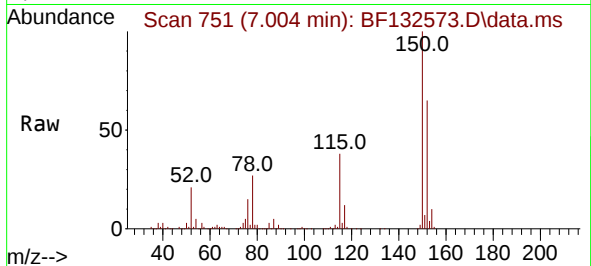




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.004 min Scan# 710
Delta R.T. -0.003 min
Lab File: BF132573.D
Acq: 28 Feb 2023 15:44

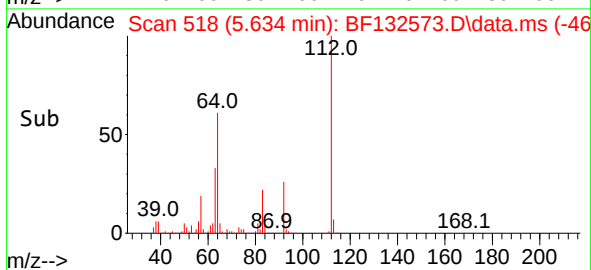
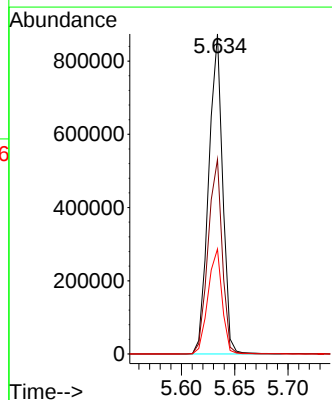
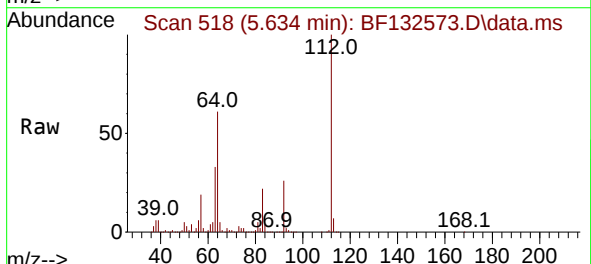
Instrument :
BNA_F
ClientSampleId :
HH-CON-1

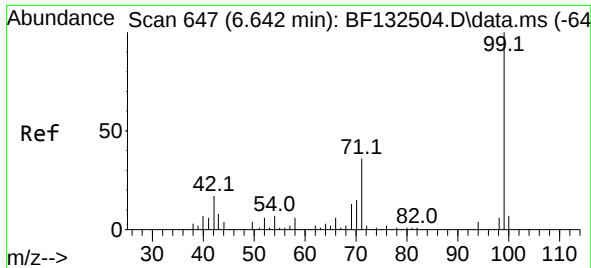
Tgt Ion:152 Resp: 185597
Ion Ratio Lower Upper
152 100
150 154.6 125.4 188.2
115 58.4 47.8 71.6



#5
2-Fluorophenol
Concen: 69.970 ng
RT: 5.634 min Scan# 518
Delta R.T. 0.003 min
Lab File: BF132573.D
Acq: 28 Feb 2023 15:44

Tgt Ion:112 Resp: 800148
Ion Ratio Lower Upper
112 100
64 60.8 51.6 77.4
63 32.8 27.4 41.2

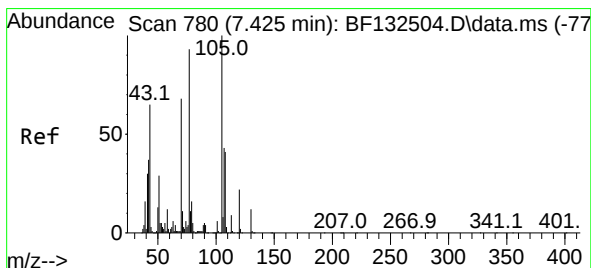
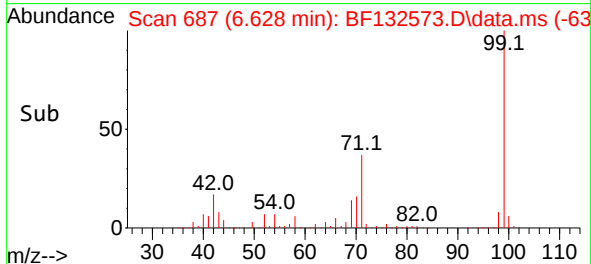
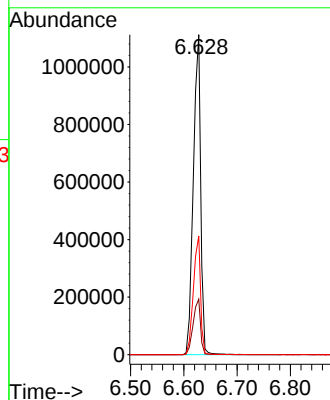
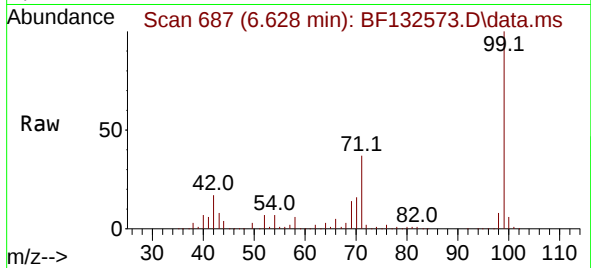




#7
Phenol-d6
Concen: 71.685 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132573.D
Acq: 28 Feb 2023 15:44

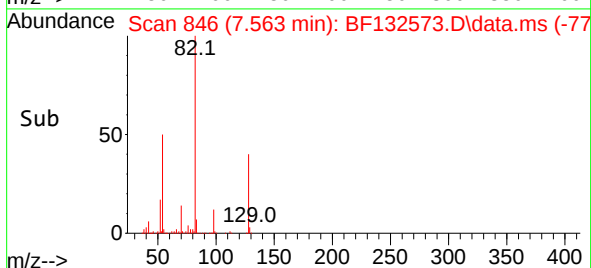
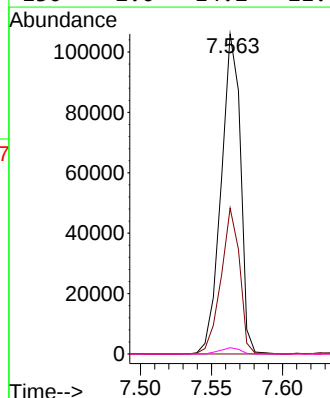
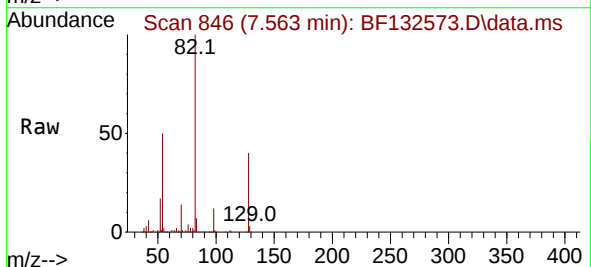
Instrument :
BNA_F
ClientSampleId :
HH-CON-1

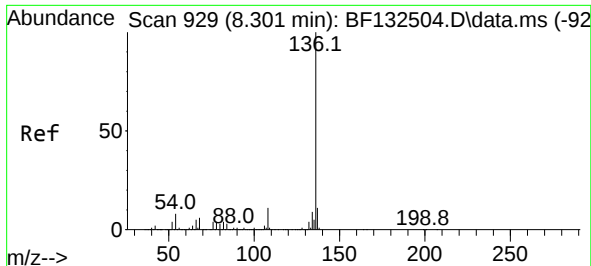
Tgt Ion: 99 Resp: 1069865
Ion Ratio Lower Upper
99 100
42 17.3 13.9 20.9
71 37.1 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.891 ng
RT: 7.563 min Scan# 846
Delta R.T. 0.144 min
Lab File: BF132573.D
Acq: 28 Feb 2023 15:44

Tgt Ion: 70 Resp: 100031
Ion Ratio Lower Upper
70 100
42 45.6 44.1 66.1
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#

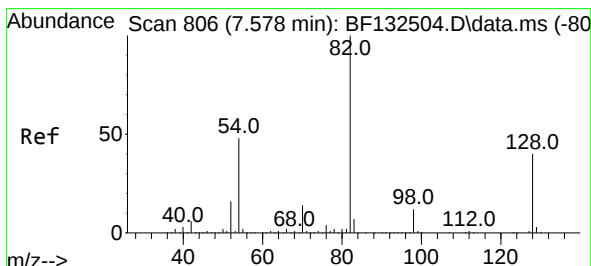
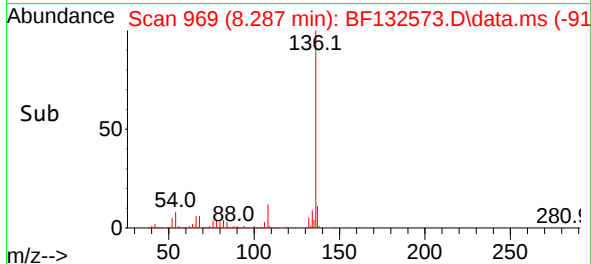
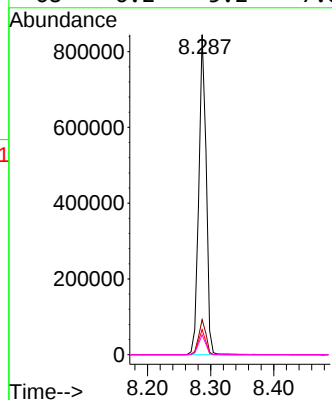
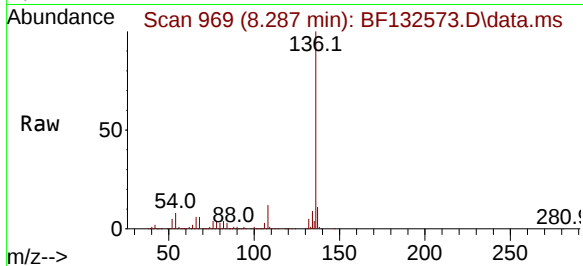




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.287 min Scan# 910
Delta R.T. -0.003 min
Lab File: BF132573.D
Acq: 28 Feb 2023 15:44

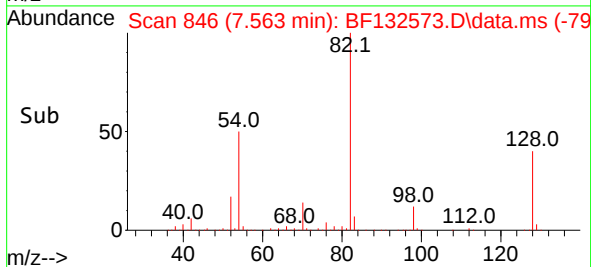
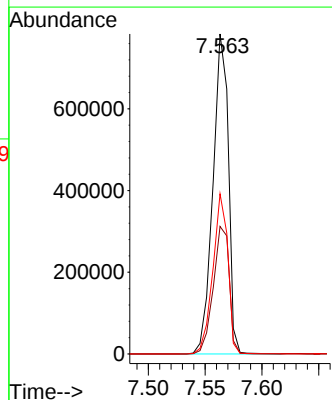
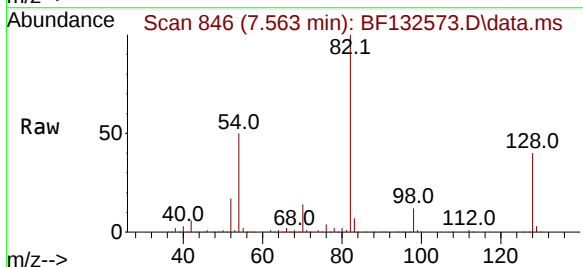
Instrument :
BNA_F
ClientSampleId :
HH-CON-1

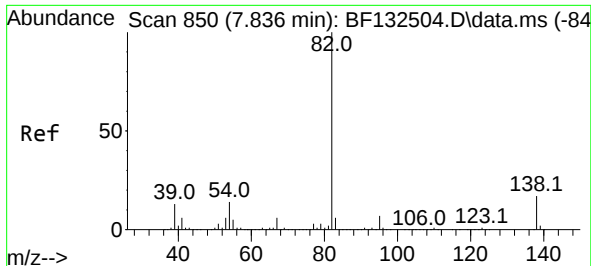
Tgt Ion:136 Resp: 683256
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.9 6.2 9.4
68 6.2 5.2 7.8



#23
Nitrobenzene-d5
Concen: 51.444 ng
RT: 7.563 min Scan# 846
Delta R.T. -0.009 min
Lab File: BF132573.D
Acq: 28 Feb 2023 15:44

Tgt Ion: 82 Resp: 740859
Ion Ratio Lower Upper
82 100
128 39.8 32.2 48.2
54 50.0 38.4 57.6

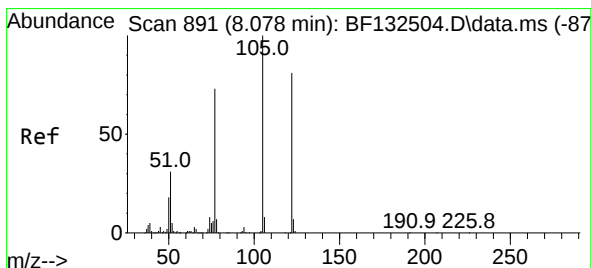
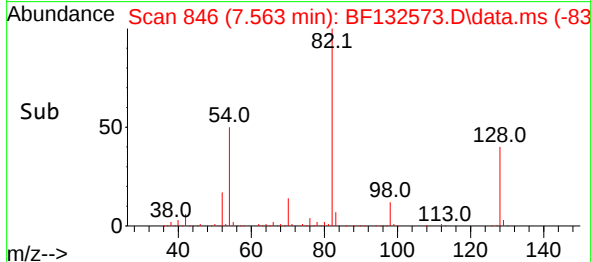
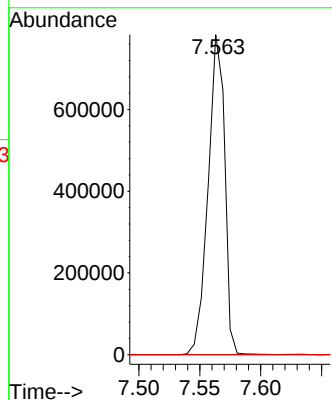
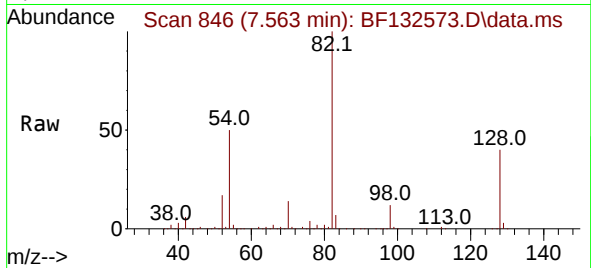




#25
Isophorone
Concen: 26.832 ng
RT: 7.563 min Scan# 84
Delta R.T. -0.262 min
Lab File: BF132573.D
Acq: 28 Feb 2023 15:44

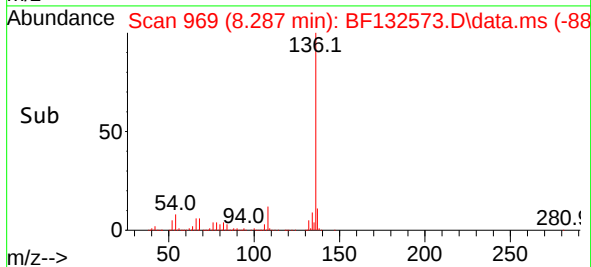
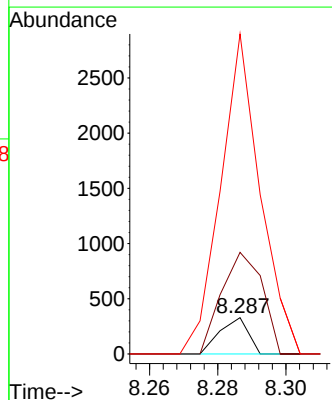
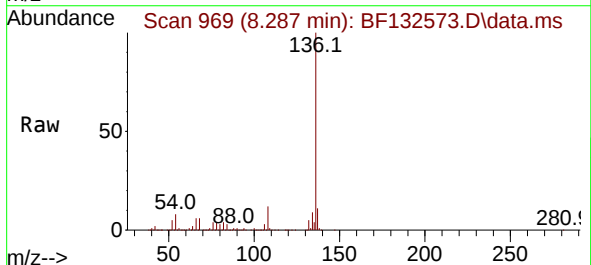
Instrument :
BNA_F
ClientSampleId :
HH-CON-1

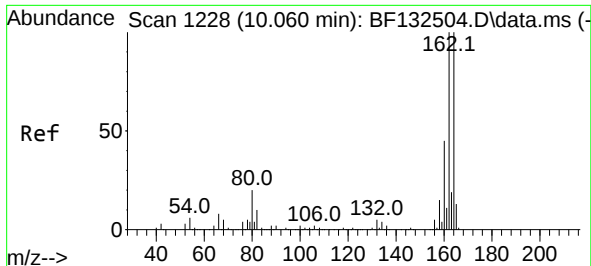
Tgt Ion: 82 Resp: 740849
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.857 ng
RT: 8.287 min Scan# 969
Delta R.T. 0.221 min
Lab File: BF132573.D
Acq: 28 Feb 2023 15:44

Tgt Ion:122 Resp: 190
Ion Ratio Lower Upper
122 100
105 279.6 102.6 142.6#
77 881.2 70.2 110.2#

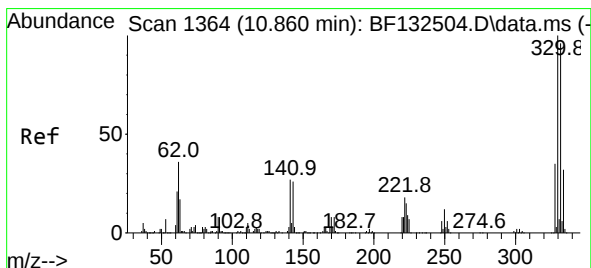
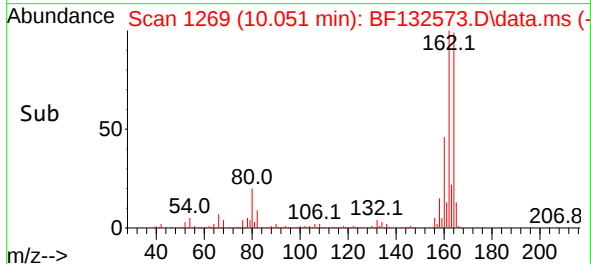
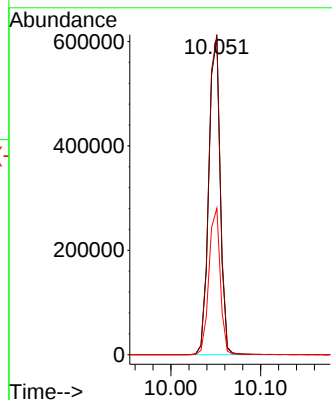
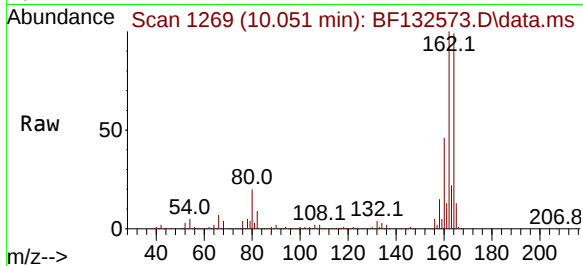




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.051 min Scan# 1403
Delta R.T. -0.003 min
Lab File: BF132573.D
Acq: 28 Feb 2023 15:44

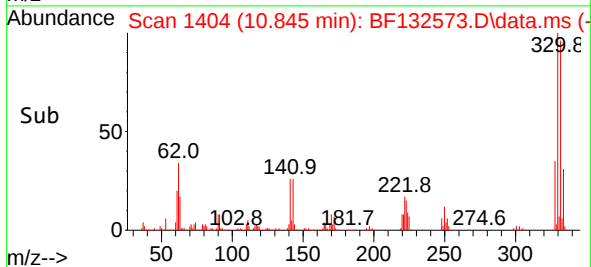
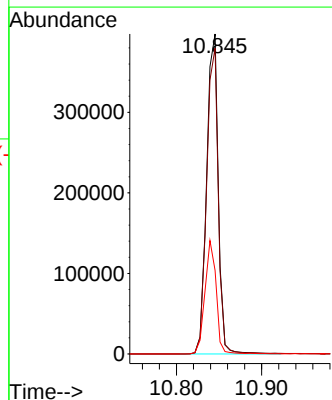
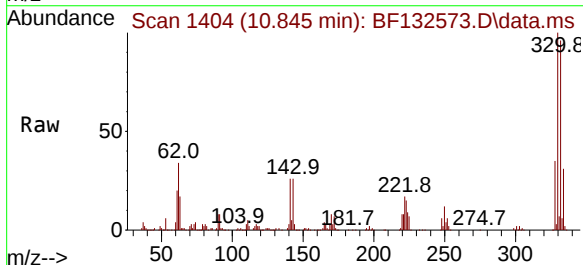
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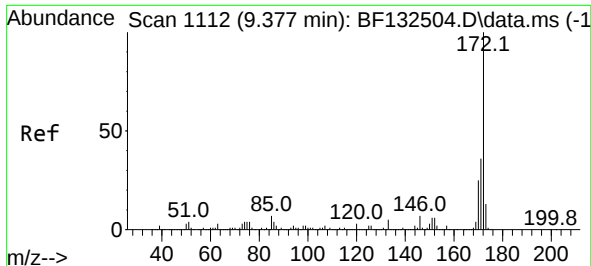
Tgt Ion:164 Resp: 537015
Ion Ratio Lower Upper
164 100
162 100.8 79.8 119.8
160 46.1 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 64.812 ng
RT: 10.845 min Scan# 1404
Delta R.T. -0.003 min
Lab File: BF132573.D
Acq: 28 Feb 2023 15:44

Tgt Ion:330 Resp: 375881
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 34.5 28.4 42.6

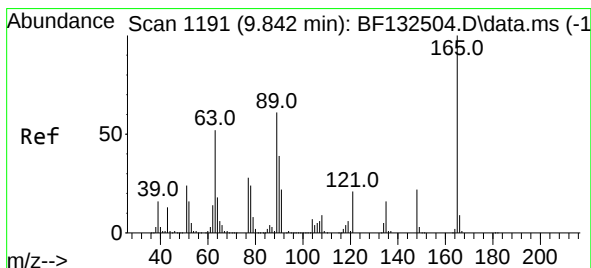
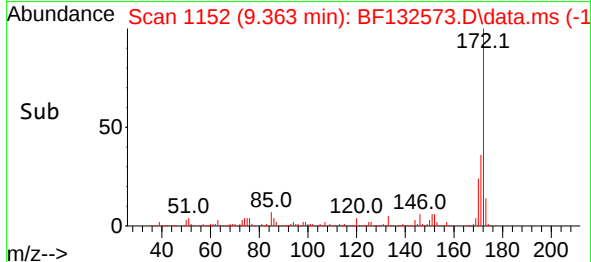
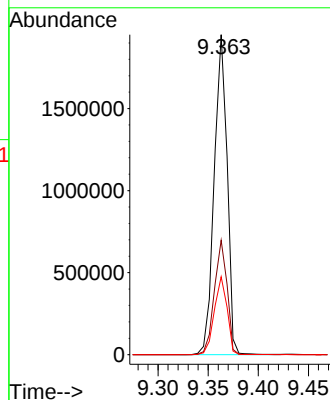
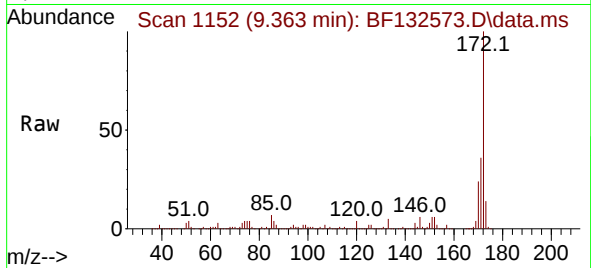




#45
2-Fluorobiphenyl
Concen: 49.421 ng
RT: 9.363 min Scan# 1112
Delta R.T. -0.009 min
Lab File: BF132573.D
Acq: 28 Feb 2023 15:44

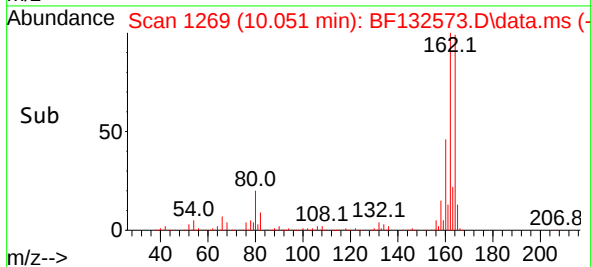
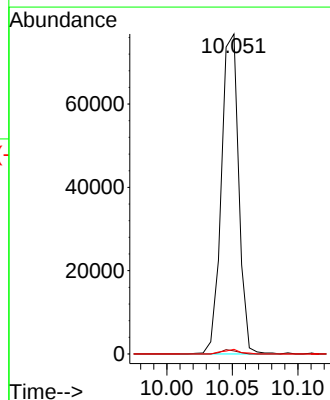
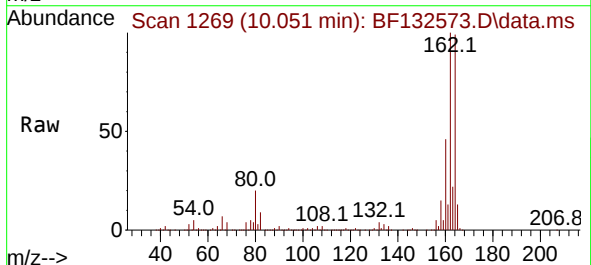
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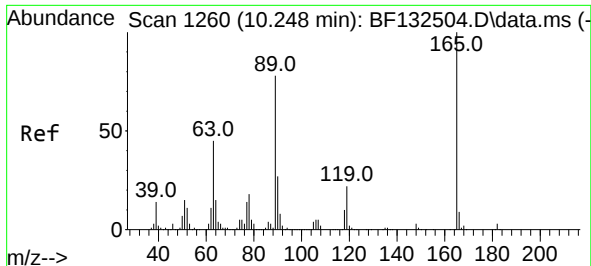
Tgt Ion:172 Resp: 1742971
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 24.3 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.931 ng
RT: 10.051 min Scan# 1269
Delta R.T. 0.215 min
Lab File: BF132573.D
Acq: 28 Feb 2023 15:44

Tgt Ion:165 Resp: 70625
Ion Ratio Lower Upper
165 100
63 1.0 47.3 70.9#
89 1.5 48.9 73.3#

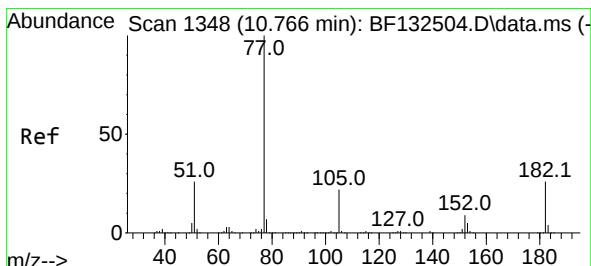
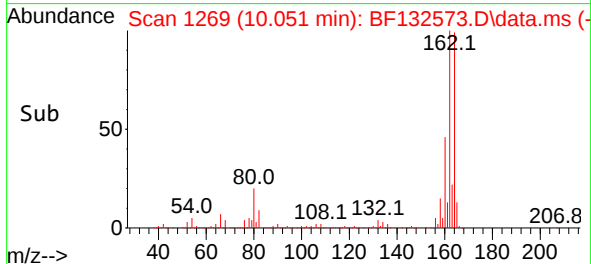
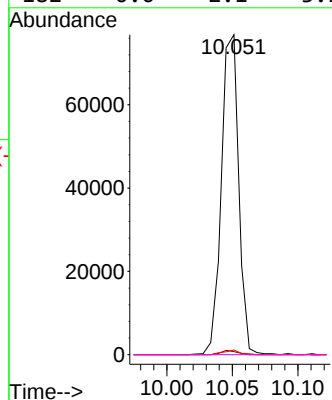
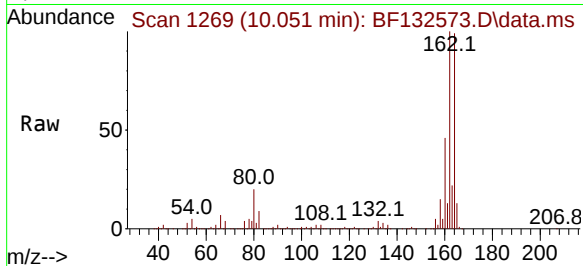




#57
2,4-Dinitrotoluene
Concen: 5.961 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.191 min
Lab File: BF132573.D
Acq: 28 Feb 2023 15:44

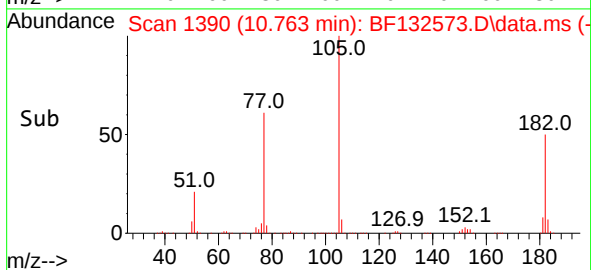
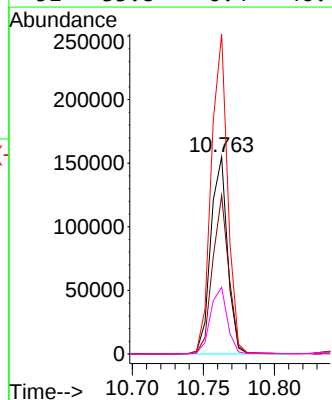
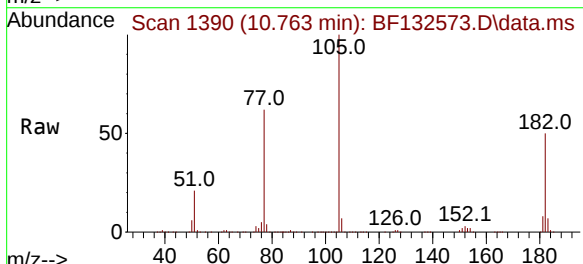
Instrument :
BNA_F
ClientSampleId :
HH-CON-1

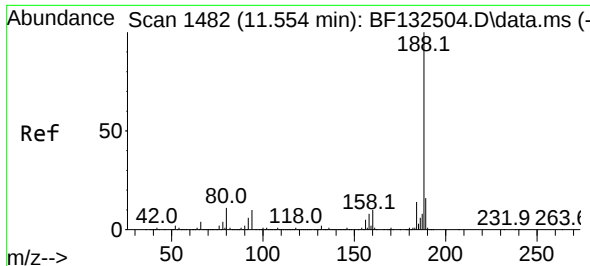
Tgt Ion:165 Resp: 70625
Ion Ratio Lower Upper
165 100
63 1.0 36.5 54.7#
89 1.5 62.4 93.6#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 3.153 ng
RT: 10.763 min Scan# 1390
Delta R.T. 0.009 min
Lab File: BF132573.D
Acq: 28 Feb 2023 15:44

Tgt Ion: 77 Resp: 127517
Ion Ratio Lower Upper
77 100
182 80.5 5.5 45.5#
105 162.5 1.8 41.8#
51 33.8 6.4 46.4

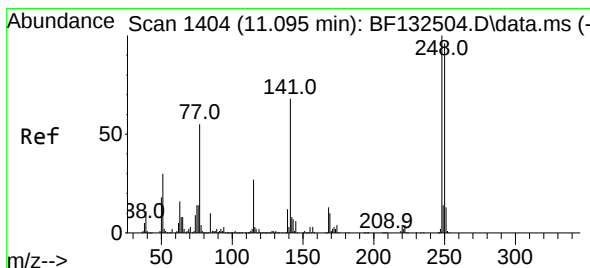
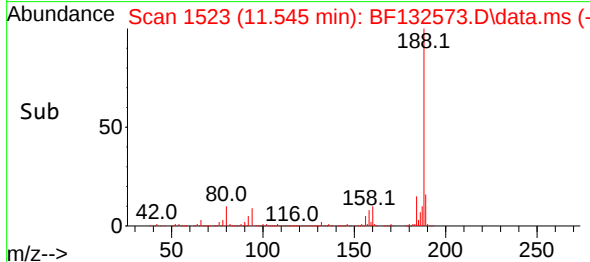
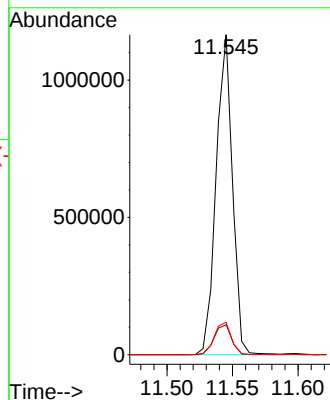
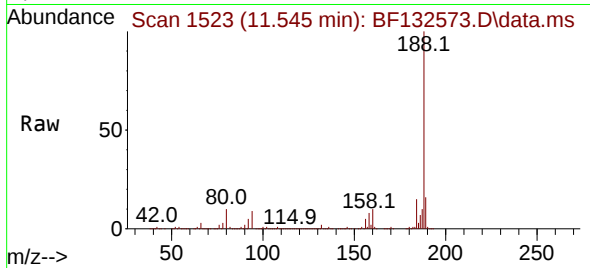




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132573.D
Acq: 28 Feb 2023 15:44

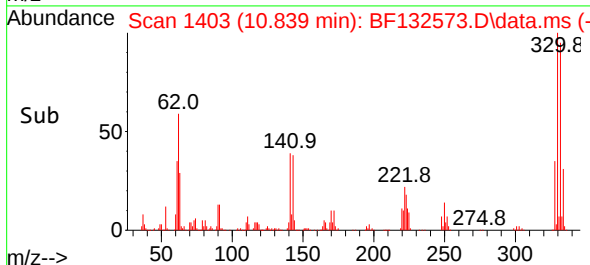
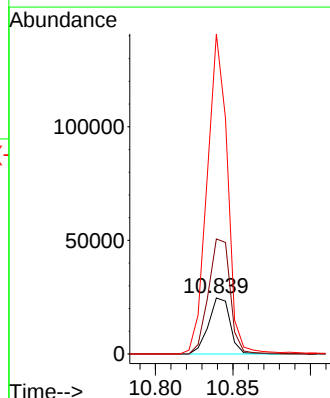
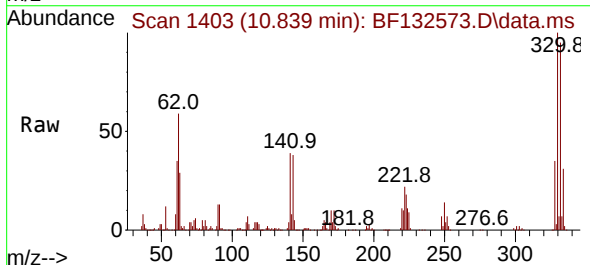
Instrument :
BNA_F
ClientSampleId :
HH-CON-1

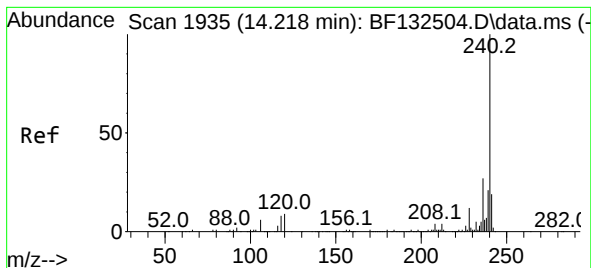
Tgt Ion:188 Resp: 1006045
Ion Ratio Lower Upper
188 100
94 9.3 8.3 12.5
80 10.1 8.7 13.1



#67
4-Bromophenyl-phenylether
Concen: 2.108 ng
RT: 10.839 min Scan# 1403
Delta R.T. -0.250 min
Lab File: BF132573.D
Acq: 28 Feb 2023 15:44

Tgt Ion:248 Resp: 23991
Ion Ratio Lower Upper
248 100
250 205.7 77.0 115.4#
141 571.9 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.204 min Scan# 1935

Delta R.T. -0.003 min

Lab File: BF132573.D

Acq: 28 Feb 2023 15:44

Instrument :

BNA_F

ClientSampleId :

HH-CON-1

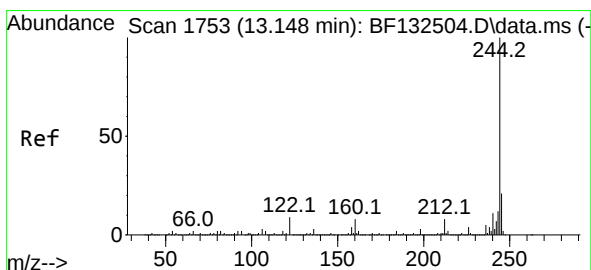
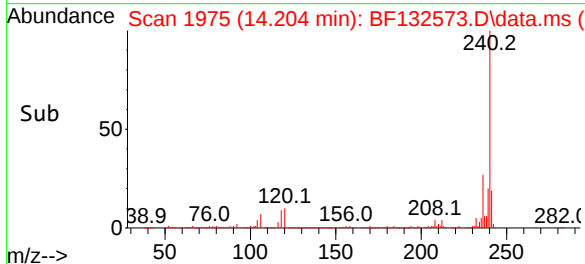
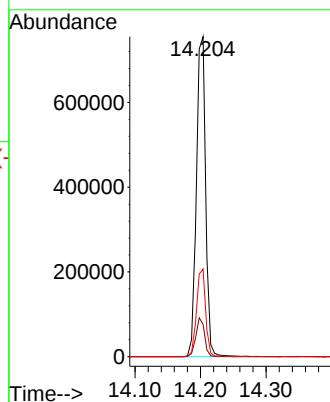
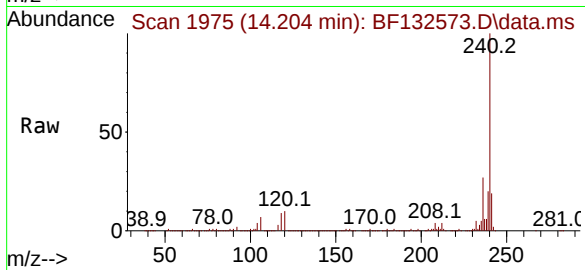
Tgt Ion:240 Resp: 742911

Ion Ratio Lower Upper

240 100

120 10.1 7.2 10.8

236 27.4 21.8 32.6



#79

Terphenyl-d14

Concen: 49.791 ng

RT: 13.139 min Scan# 1794

Delta R.T. -0.003 min

Lab File: BF132573.D

Acq: 28 Feb 2023 15:44

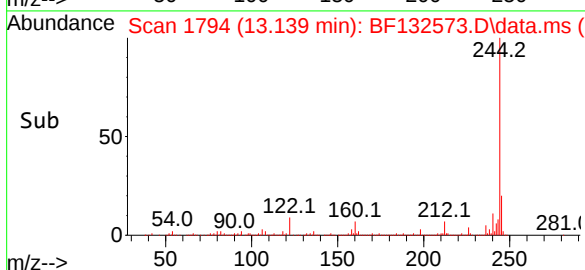
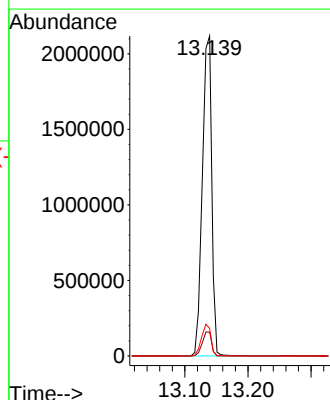
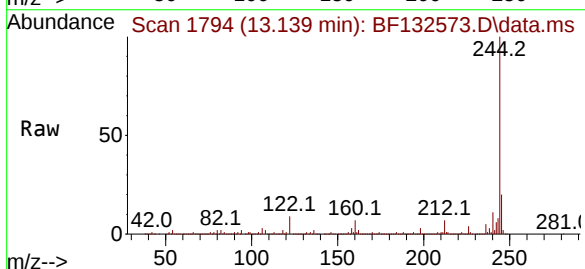
Tgt Ion:244 Resp: 2187794

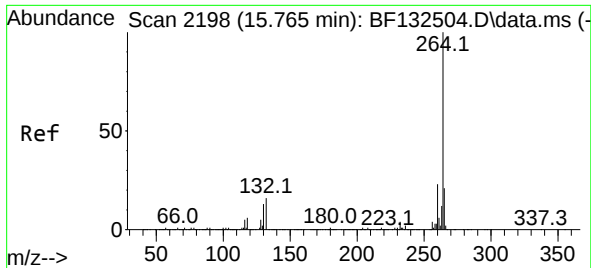
Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

122 8.6 7.5 11.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.757 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BF132573.D
 Acq: 28 Feb 2023 15:44

Instrument :
 BNA_F
 ClientSampleId :
 HH-CON-1

Tgt Ion:264 Resp: 562931
 Ion Ratio Lower Upper
 264 100
 260 24.8 18.8 28.2
 265 21.8 17.1 25.7

