

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022823\
 Data File : BF132575.D
 Acq On : 28 Feb 2023 16:48
 Operator : CG\JU
 Sample : 01723-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HH-CON-4

Quant Time: Feb 28 18:03:54 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)

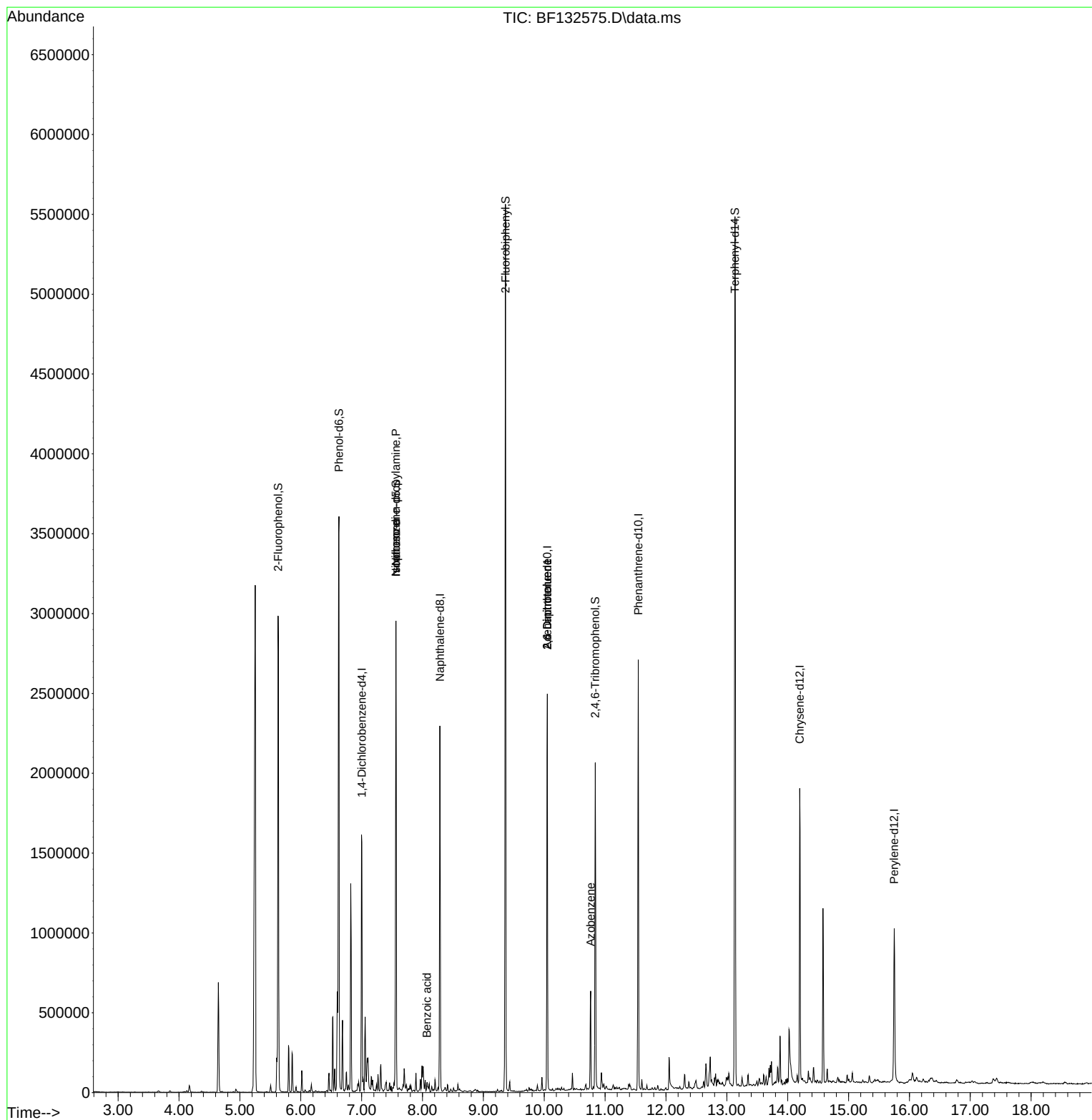
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.004	152	246773	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	908456	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	499583	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	960011	20.000	ng	0.00
76) Chrysene-d12	14.198	240	628010	20.000	ng	# 0.00
86) Perylene-d12	15.751	264	452939	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	867791	57.073	ng	0.00
7) Phenol-d6	6.628	99	1397008	70.400	ng	0.00
23) Nitrobenzene-d5	7.563	82	980690	51.217	ng	0.00
42) 2,4,6-Tribromophenol	10.839	330	228454	42.343	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1696003	51.692	ng	0.00
79) Terphenyl-d14	13.133	244	2060524	55.474	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.563	70	130413	10.678	ng	# 76
25) Isophorone	7.563	82	978804	26.663	ng	# 67
32) Benzoic acid	8.075	122	141	3.848	ng	# 1
51) 2,6-Dinitrotoluene	10.051	165	65603	7.919	ng	# 22
57) 2,4-Dinitrotoluene	10.051	165	65662	5.958	ng	# 21
63) Azobenzene	10.763	77	110050	2.925	ng	# 1

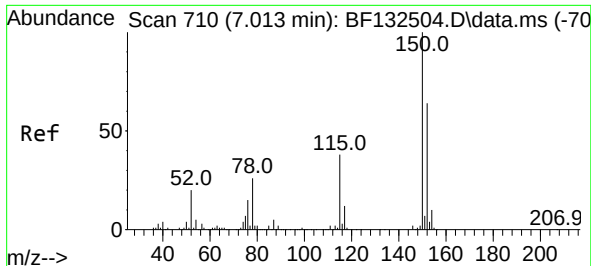
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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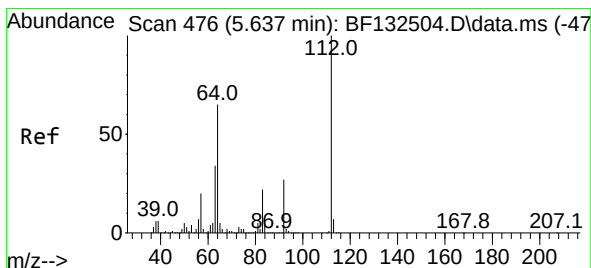
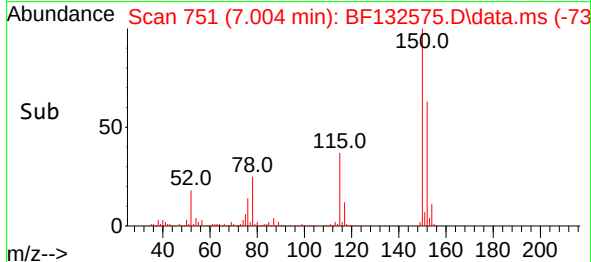
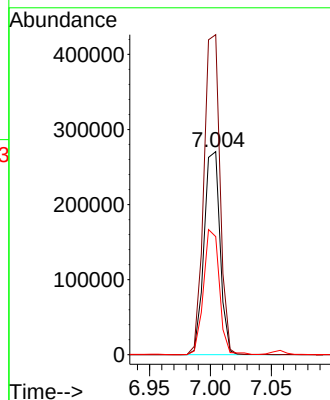
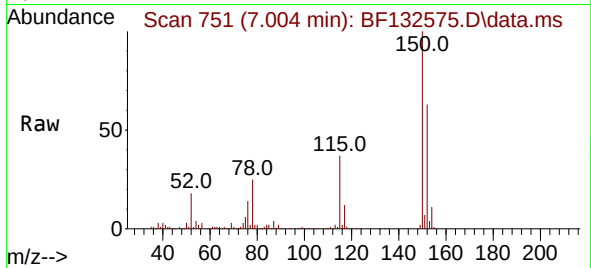




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.004 min Scan# 710
Delta R.T. -0.003 min
Lab File: BF132575.D
Acq: 28 Feb 2023 16:48

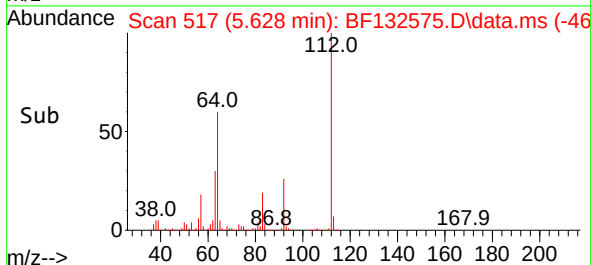
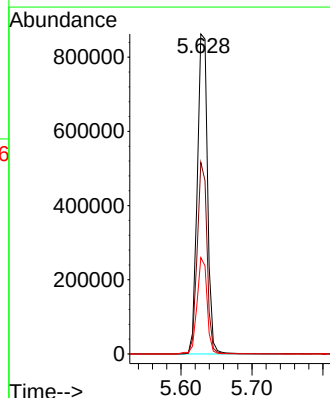
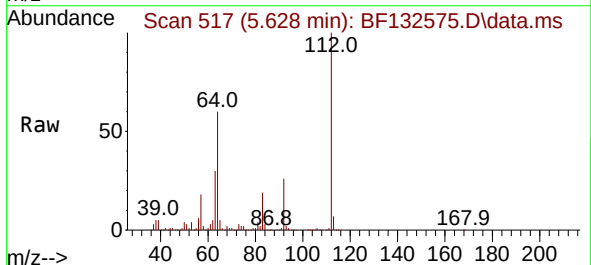
Instrument :
BNA_F
ClientSampleId :
HH-CON-4

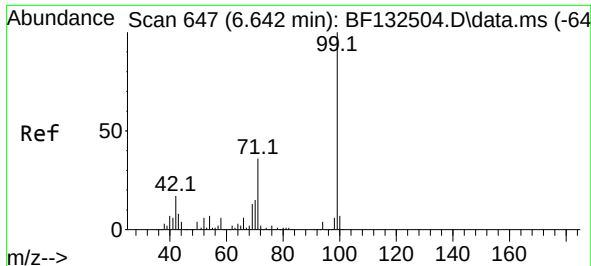
Tgt Ion:152 Resp: 246773
Ion Ratio Lower Upper
152 100
150 157.5 125.4 188.2
115 58.2 47.8 71.6



#5
2-Fluorophenol
Concen: 57.073 ng
RT: 5.628 min Scan# 517
Delta R.T. -0.003 min
Lab File: BF132575.D
Acq: 28 Feb 2023 16:48

Tgt Ion:112 Resp: 867791
Ion Ratio Lower Upper
112 100
64 59.9 51.6 77.4
63 30.1 27.4 41.2

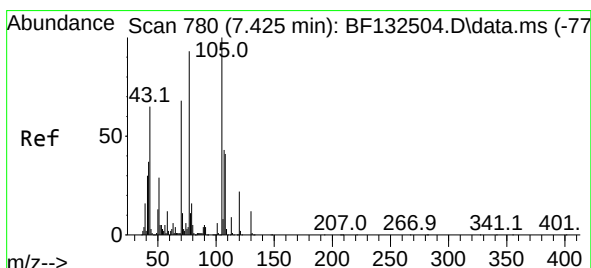
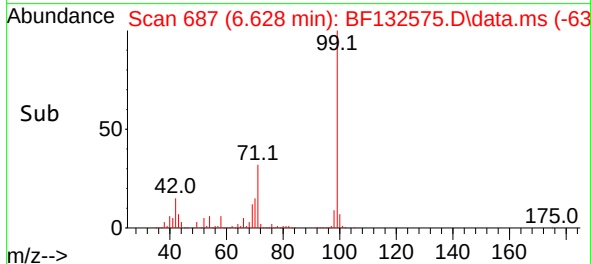
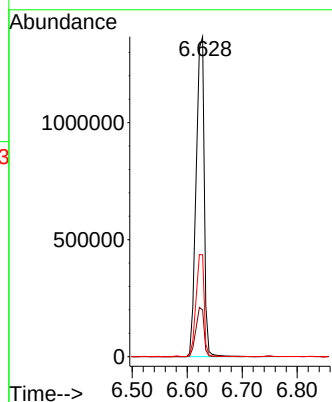
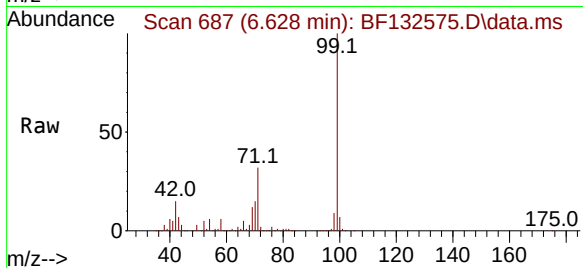




#7
Phenol-d6
Concen: 70.400 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132575.D
Acq: 28 Feb 2023 16:48

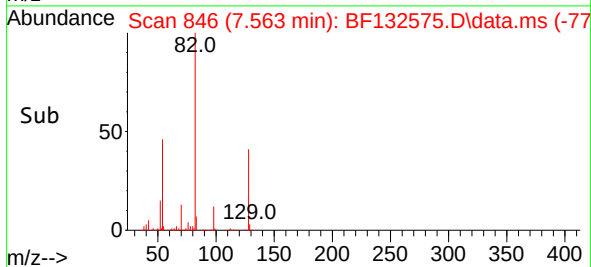
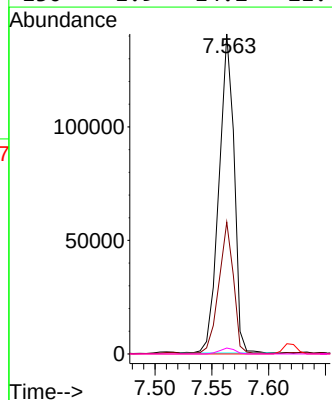
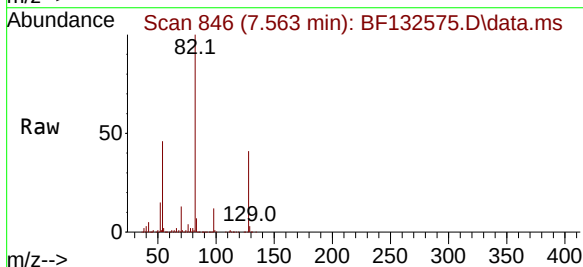
Instrument :
BNA_F
ClientSampleId :
HH-CON-4

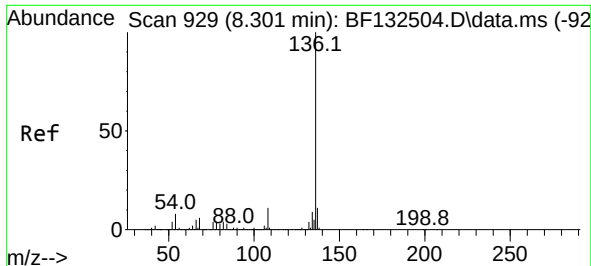
Tgt Ion: 99 Resp: 1397008
Ion Ratio Lower Upper
99 100
42 14.7 13.9 20.9
71 31.8 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.678 ng
RT: 7.563 min Scan# 846
Delta R.T. 0.144 min
Lab File: BF132575.D
Acq: 28 Feb 2023 16:48

Tgt Ion: 70 Resp: 130413
Ion Ratio Lower Upper
70 100
42 41.2 44.1 66.1#
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#



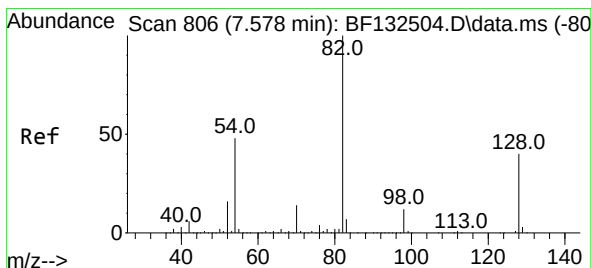
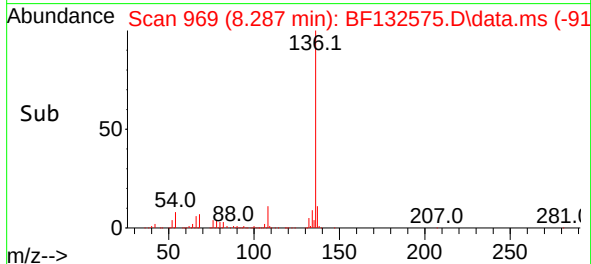
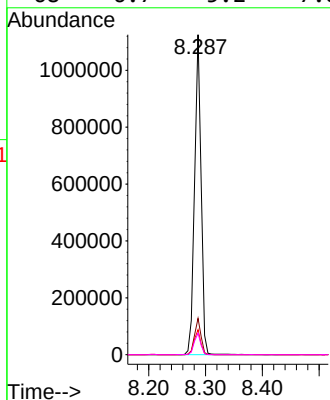
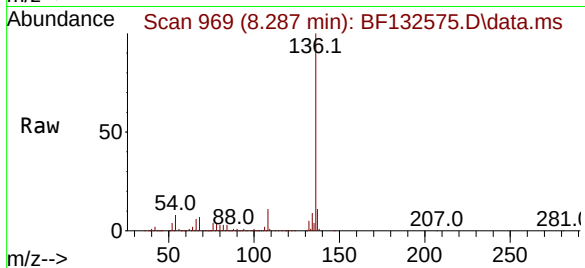


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.287 min Scan# 90
Delta R.T. -0.003 min
Lab File: BF132575.D
Acq: 28 Feb 2023 16:48

Instrument :
BNA_F
ClientSampleId :
HH-CON-4

Tgt Ion:136 Resp: 908456

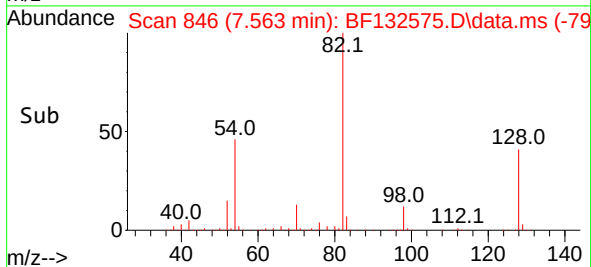
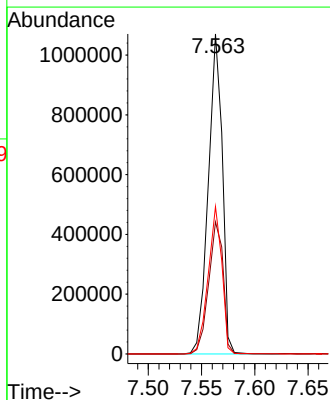
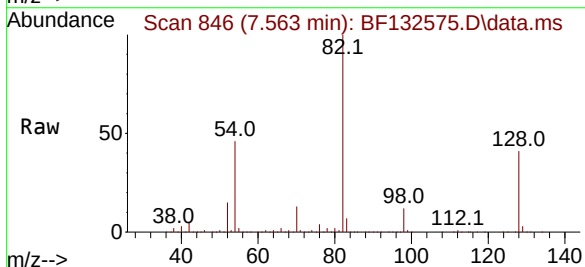
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.8	6.2	9.4
68	6.7	5.2	7.8

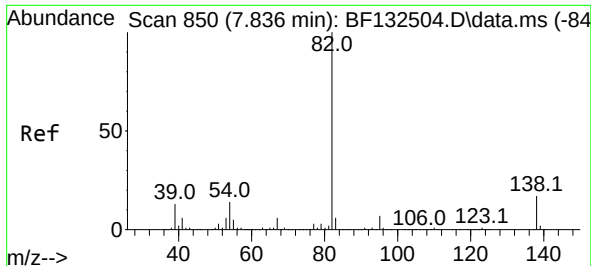


#23
Nitrobenzene-d5
Concen: 51.217 ng
RT: 7.563 min Scan# 846
Delta R.T. -0.009 min
Lab File: BF132575.D
Acq: 28 Feb 2023 16:48

Tgt Ion: 82 Resp: 980690

Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.2	48.2
54	46.1	38.4	57.6

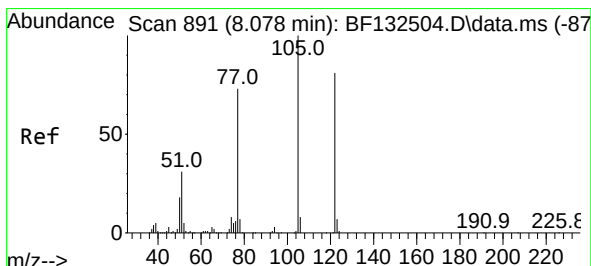
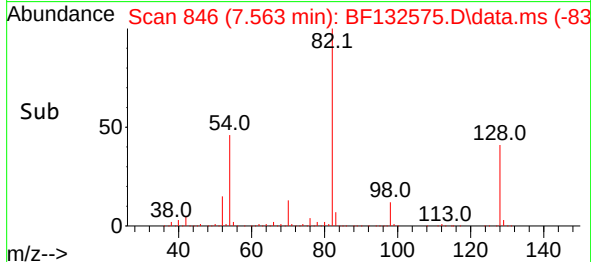
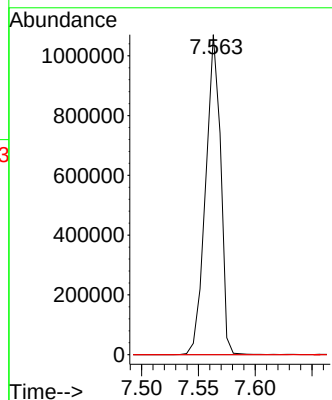
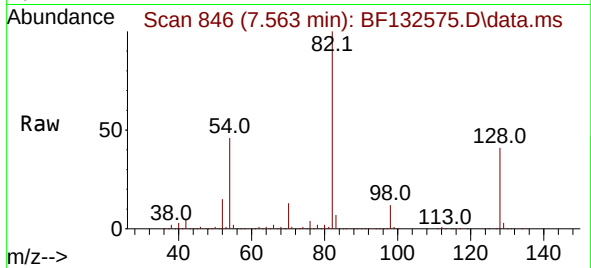




#25
Isophorone
Concen: 26.663 ng
RT: 7.563 min Scan# 84
Delta R.T. -0.262 min
Lab File: BF132575.D
Acq: 28 Feb 2023 16:48

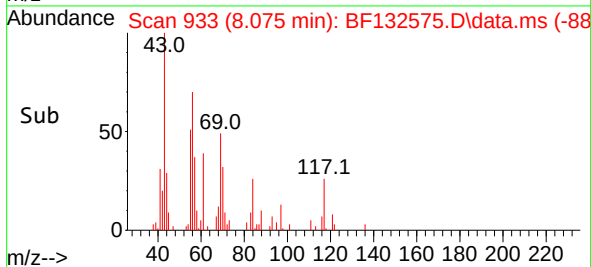
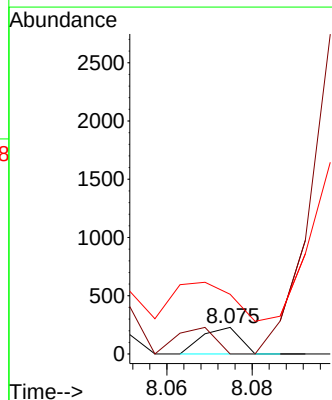
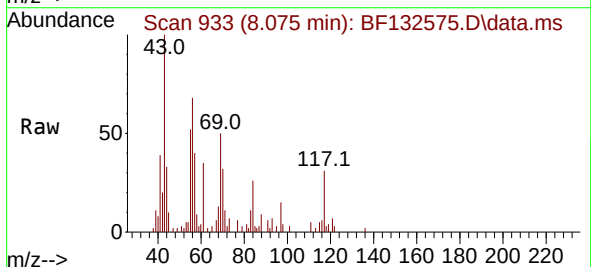
Instrument :
BNA_F
ClientSampleId :
HH-CON-4

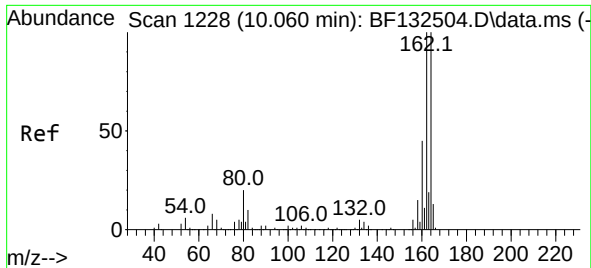
Tgt Ion: 82 Resp: 978804
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.848 ng
RT: 8.075 min Scan# 933
Delta R.T. 0.009 min
Lab File: BF132575.D
Acq: 28 Feb 2023 16:48

Tgt Ion:122 Resp: 141
Ion Ratio Lower Upper
122 100
105 0.0 102.6 142.6#
77 224.6 70.2 110.2#

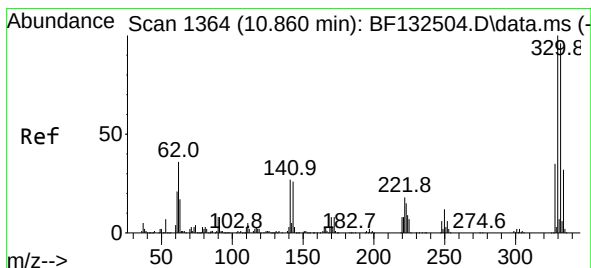
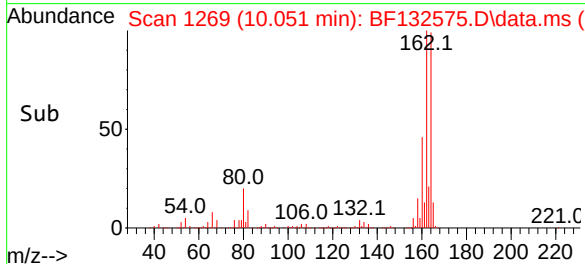
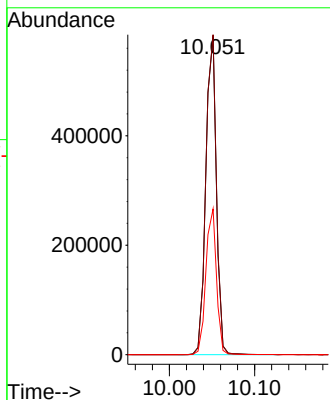
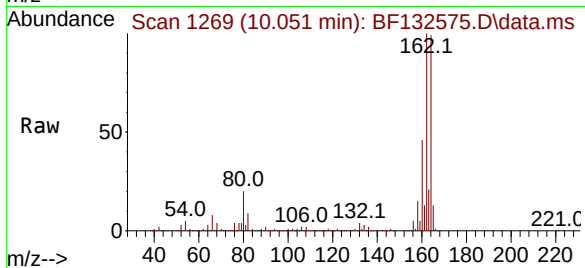




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.051 min Scan# 1
Delta R.T. -0.003 min
Lab File: BF132575.D
Acq: 28 Feb 2023 16:48

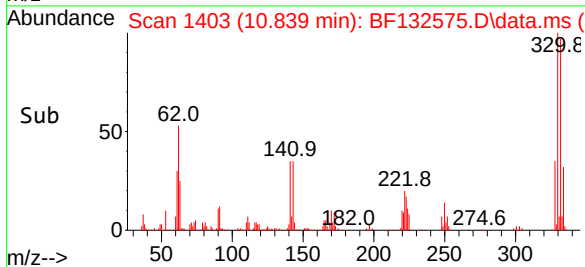
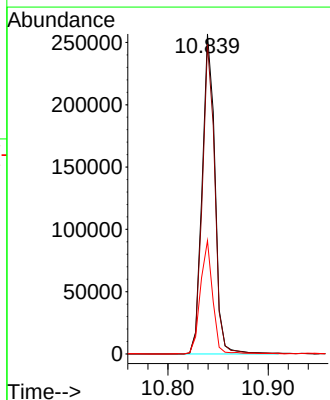
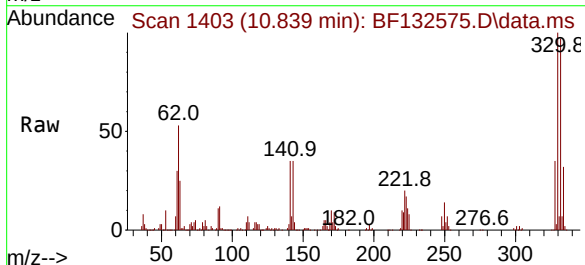
Instrument :
BNA_F
ClientSampleId :
HH-CON-4

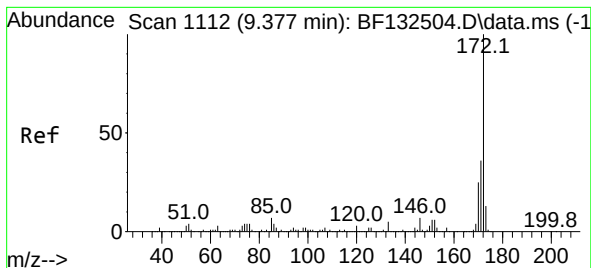
Tgt Ion:164 Resp: 499583
Ion Ratio Lower Upper
164 100
162 100.6 79.8 119.8
160 45.8 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 42.343 ng
RT: 10.839 min Scan# 1403
Delta R.T. -0.009 min
Lab File: BF132575.D
Acq: 28 Feb 2023 16:48

Tgt Ion:330 Resp: 228454
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 34.2 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 51.692 ng

RT: 9.363 min Scan# 1112

Delta R.T. -0.009 min

Lab File: BF132575.D

Acq: 28 Feb 2023 16:48

Instrument :

BNA_F

ClientSampleId :

HH-CON-4

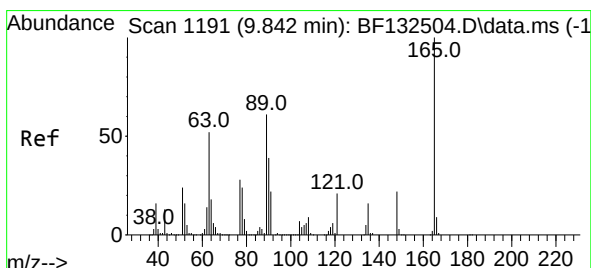
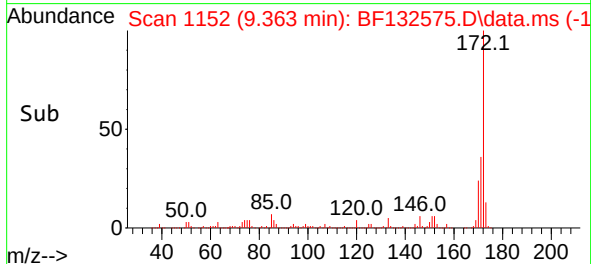
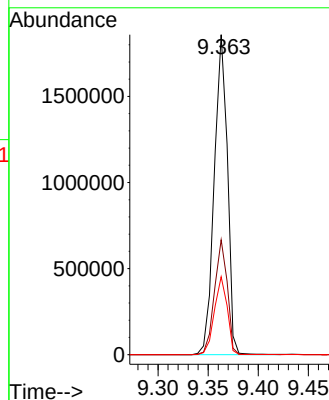
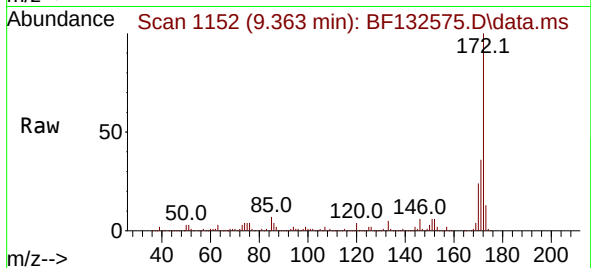
Tgt Ion:172 Resp: 1696003

Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 24.4 19.7 29.5



#51

2,6-Dinitrotoluene

Concen: 7.919 ng

RT: 10.051 min Scan# 1269

Delta R.T. 0.215 min

Lab File: BF132575.D

Acq: 28 Feb 2023 16:48

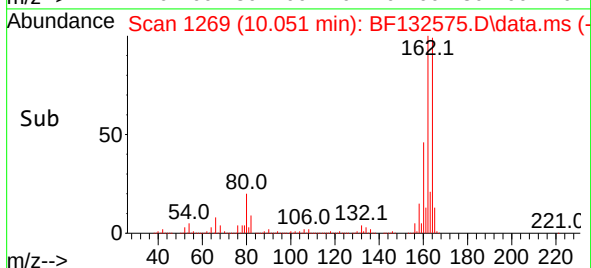
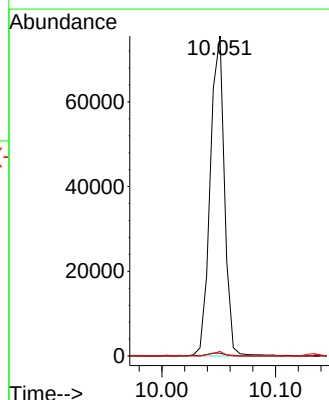
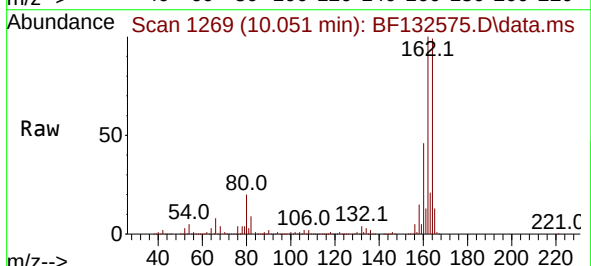
Tgt Ion:165 Resp: 65603

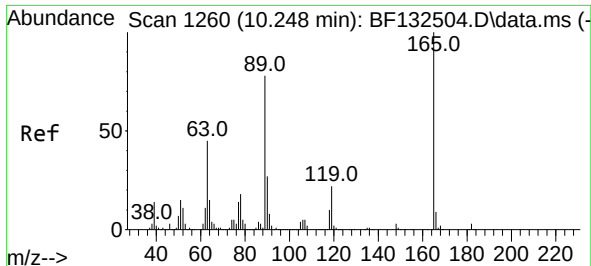
Ion Ratio Lower Upper

165 100

63 0.9 47.3 70.9#

89 1.4 48.9 73.3#

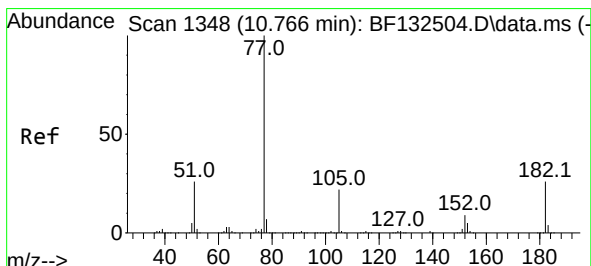
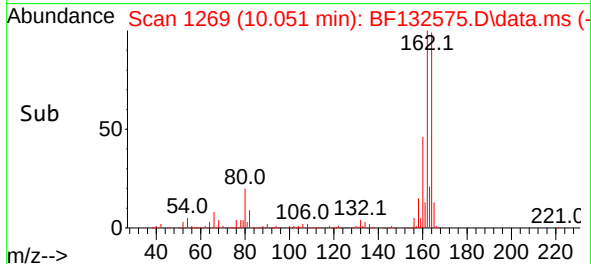
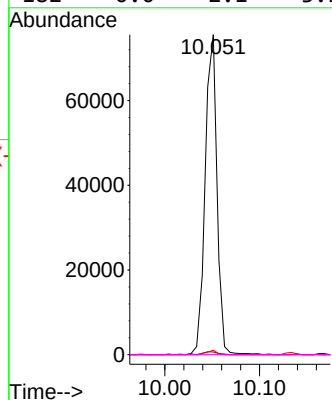
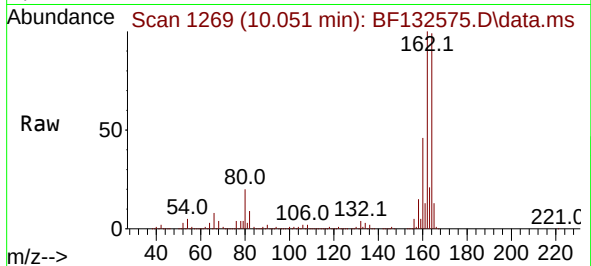




#57
2,4-Dinitrotoluene
Concen: 5.958 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.191 min
Lab File: BF132575.D
Acq: 28 Feb 2023 16:48

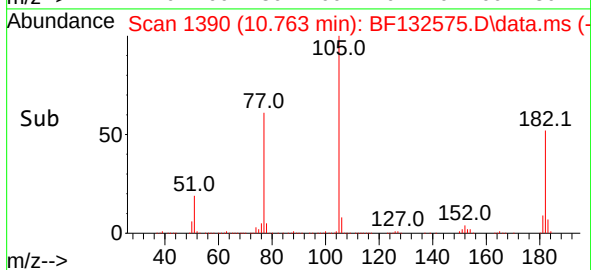
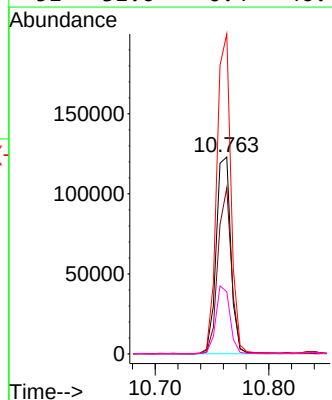
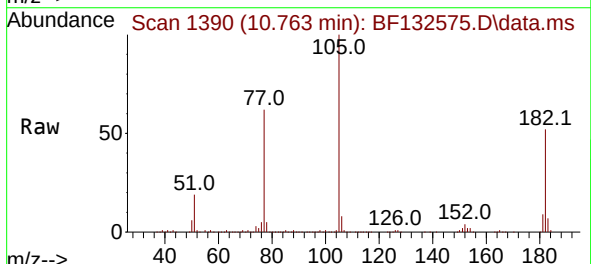
Instrument :
BNA_F
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HH-CON-4

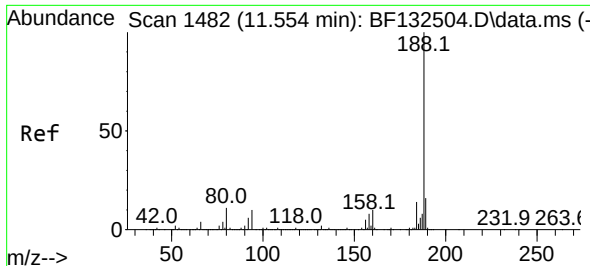
Tgt Ion:165 Resp: 65662
Ion Ratio Lower Upper
165 100
63 0.9 36.5 54.7#
89 1.4 62.4 93.6#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 2.925 ng
RT: 10.763 min Scan# 1390
Delta R.T. 0.009 min
Lab File: BF132575.D
Acq: 28 Feb 2023 16:48

Tgt Ion: 77 Resp: 110050
Ion Ratio Lower Upper
77 100
182 84.3 5.5 45.5#
105 162.4 1.8 41.8#
51 31.6 6.4 46.4

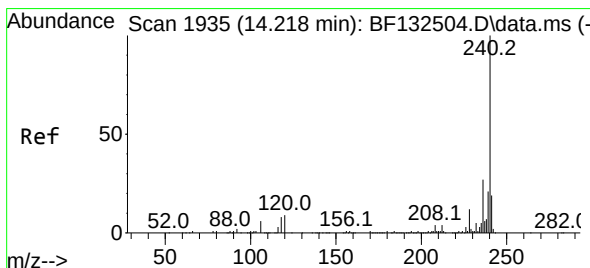
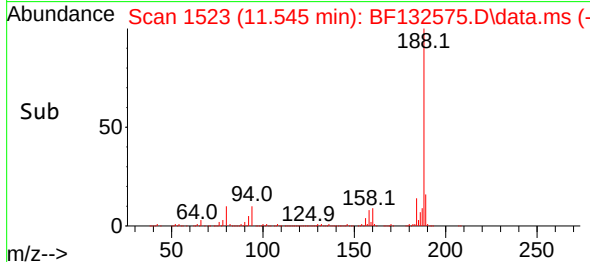
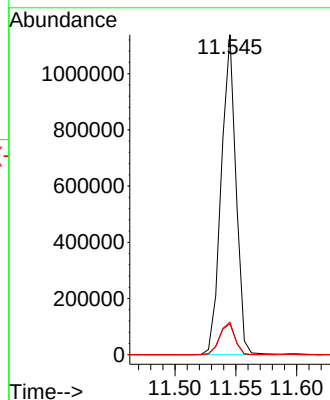
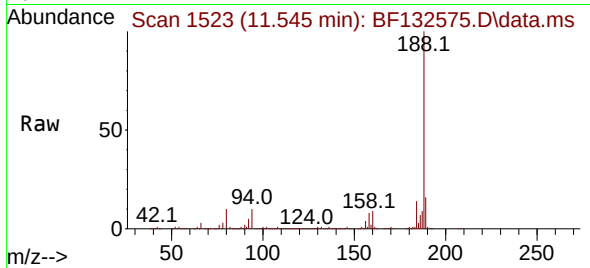




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132575.D
Acq: 28 Feb 2023 16:48

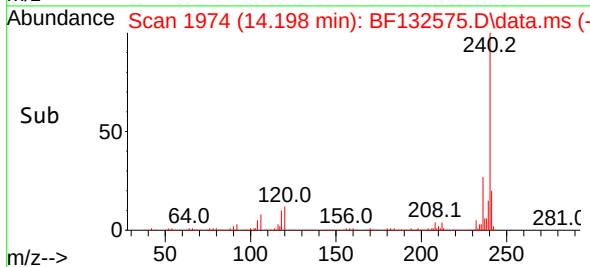
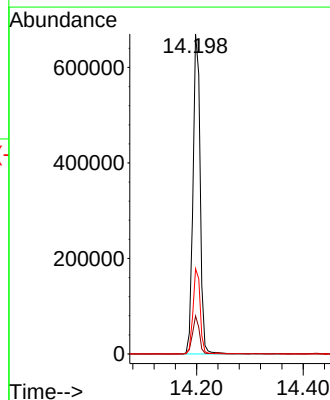
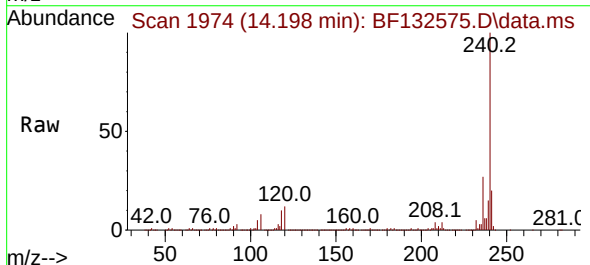
Instrument :
BNA_F
ClientSampleId :
HH-CON-4

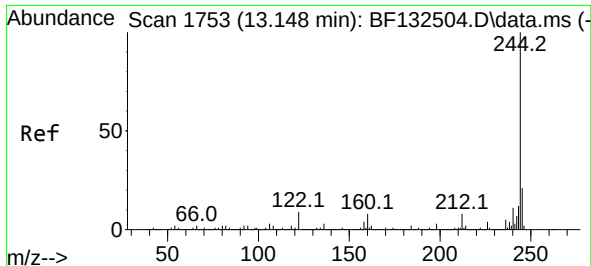
Tgt Ion:188 Resp: 960011
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 10.2 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.198 min Scan# 1974
Delta R.T. -0.009 min
Lab File: BF132575.D
Acq: 28 Feb 2023 16:48

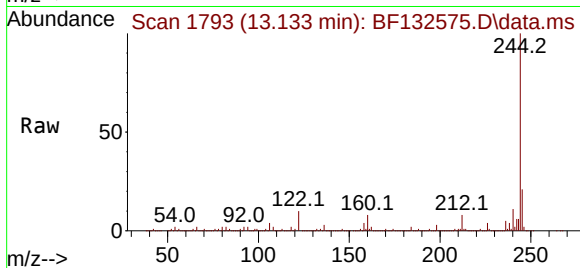
Tgt Ion:240 Resp: 628010
Ion Ratio Lower Upper
240 100
120 11.9 7.2 10.8#
236 26.7 21.8 32.6



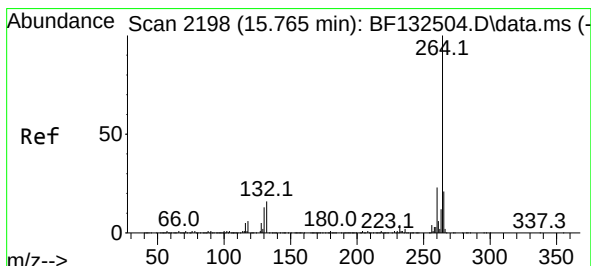
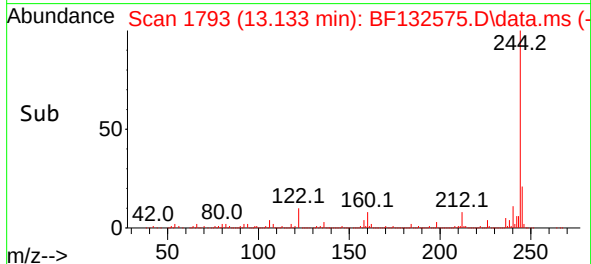
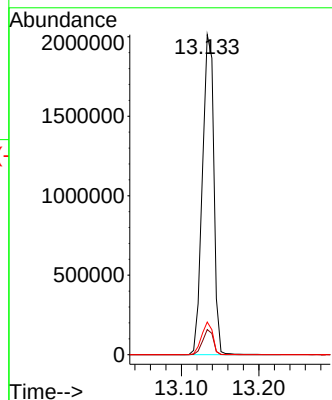


#79
 Terphenyl-d14
 Concen: 55.474 ng
 RT: 13.133 min Scan# 11
 Delta R.T. -0.009 min
 Lab File: BF132575.D
 Acq: 28 Feb 2023 16:48

Instrument :
 BNA_F
 ClientSampleId :
 HH-CON-4



Tgt Ion:244 Resp: 2060524
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 10.2 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.751 min Scan# 2238
 Delta R.T. -0.003 min
 Lab File: BF132575.D
 Acq: 28 Feb 2023 16:48

Tgt Ion:264 Resp: 452939
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.8 28.2
 265 23.0 17.1 25.7

