

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022421\
 Data File : BF123295.D
 Acq On : 24 Feb 2021 16:03
 Operator : JU/CG
 Sample : M1470-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CBH-139

Quant Time: Feb 24 16:41:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

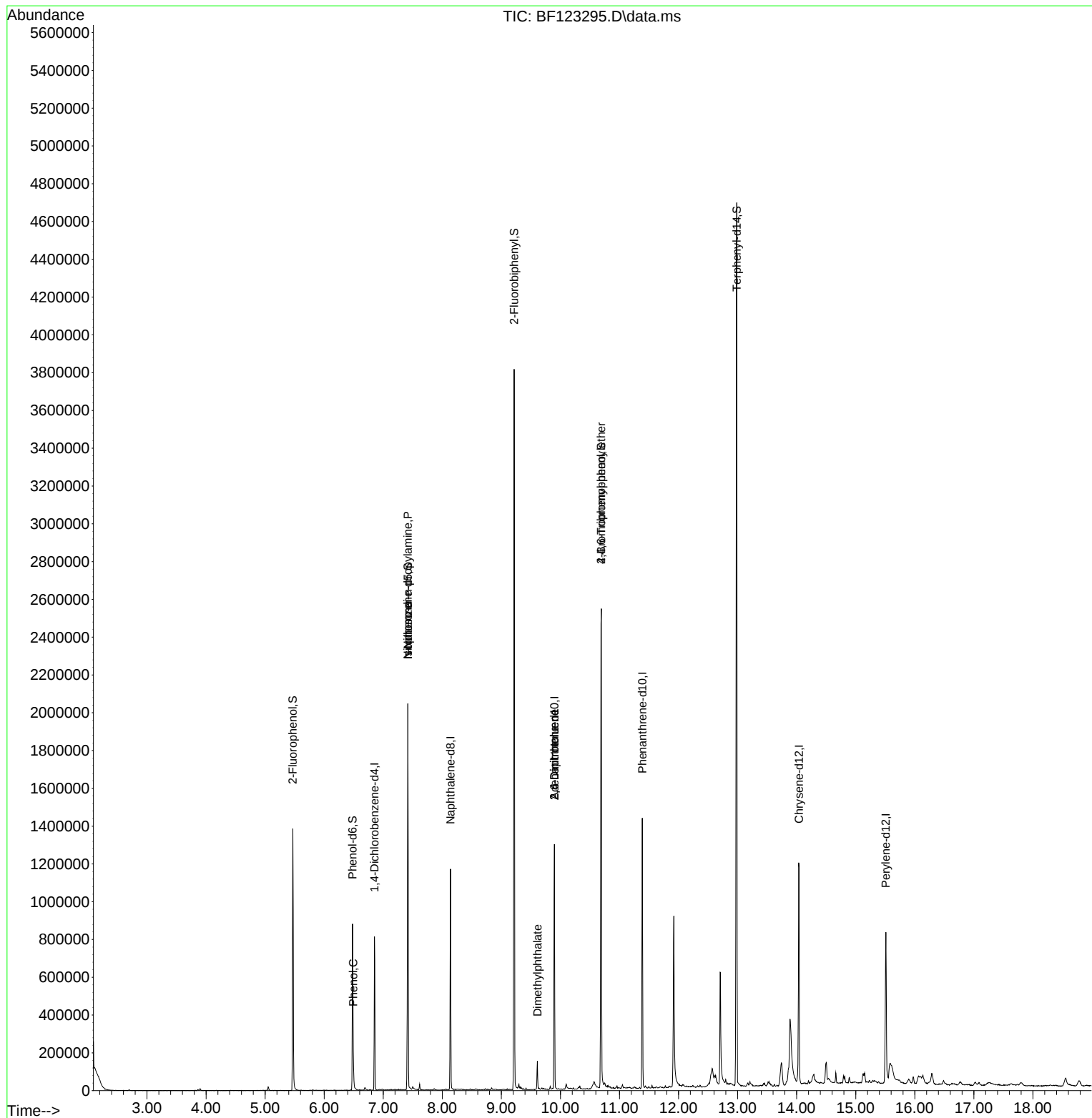
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	105456	20.00	ng	# 0.00
21) Naphthalene-d8	8.139	136	436849	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	237195	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	467763	20.00	ng	0.00
76) Chrysene-d12	14.039	240	392341	20.00	ng	0.00
86) Perylene-d12	15.509	264	347123	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	343301	46.86	ng	0.00
7) Phenol-d6	6.481	99	265135	26.64	ng	-0.01
23) Nitrobenzene-d5	7.416	82	626512	65.65	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	289681	119.94	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1046043	63.35	ng	0.00
79) Terphenyl-d14	12.986	244	1495499	73.30	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.404	77	109	Below Cal	#	1
10) Phenol	6.492	94	22443	2.07	ng	87
19) n-Nitroso-di-n-propyla...	7.416	70	87225	14.73	ng	# 79
25) Isophorone	7.416	82	622336	34.87	ng	# 65
50) Dimethylphthalate	9.610	163	49249	2.78	ng	99
51) 2,6-Dinitrotoluene	9.898	165	30343	7.42	ng	# 32
57) 2,4-Dinitrotoluene	9.898	165	30343	5.52	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	20449	4.01	ng	# 1

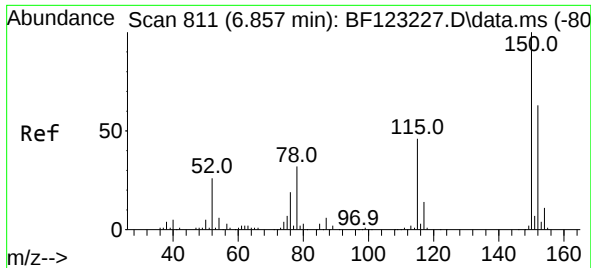
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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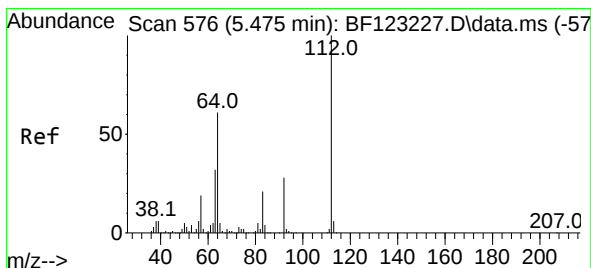
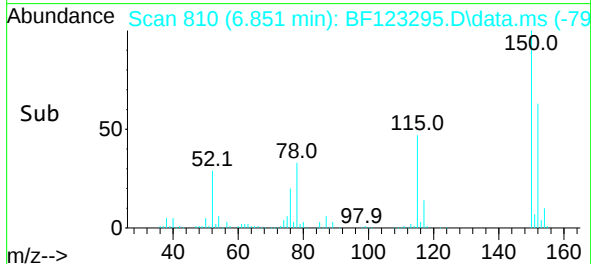
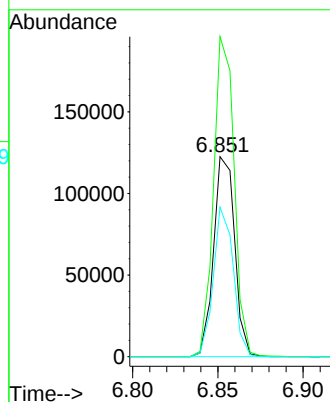
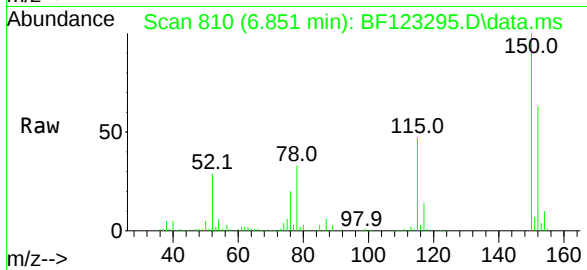




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF123295.D
Acq: 24 Feb 2021 16:03

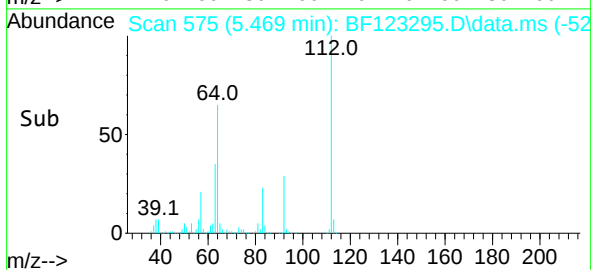
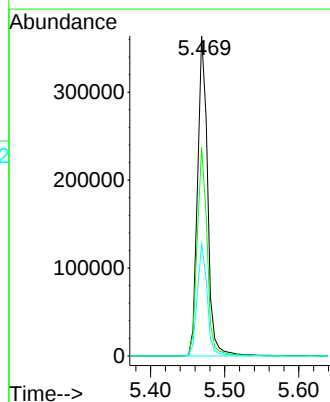
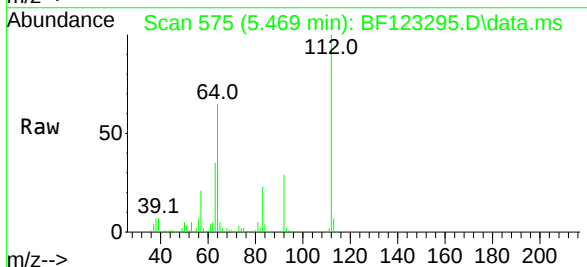
Instrument :
BNA_F
ClientSampleId :
CBH-139

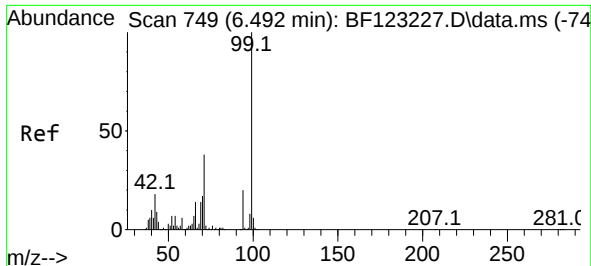
Tgt Ion:152 Resp: 105456
Ion Ratio Lower Upper
152 100
150 159.9 125.8 188.6
115 74.7 49.3 73.9#



#5
2-Fluorophenol
Concen: 46.86 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF123295.D
Acq: 24 Feb 2021 16:03

Tgt Ion:112 Resp: 343301
Ion Ratio Lower Upper
112 100
64 65.1 46.9 70.3
63 35.2 24.5 36.7

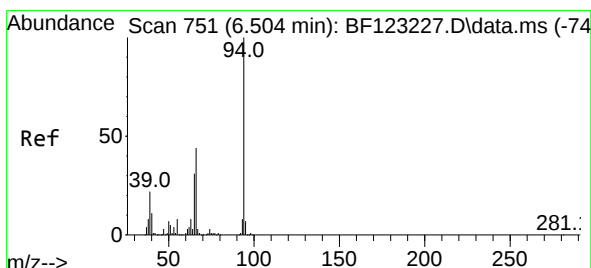
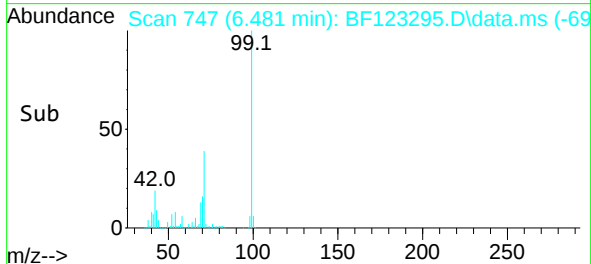
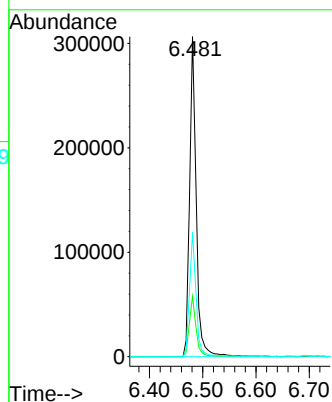
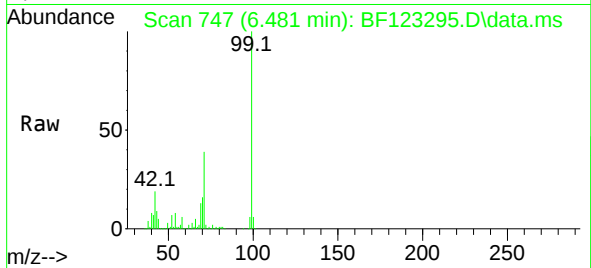




#7
Phenol-d6
Concen: 26.64 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123295.D
Acq: 24 Feb 2021 16:03

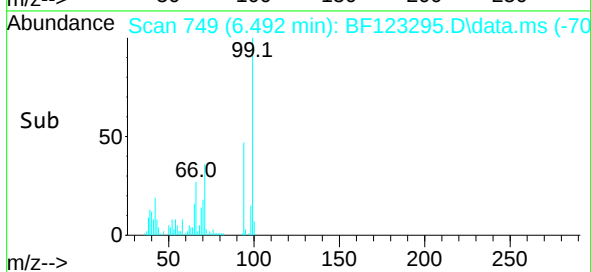
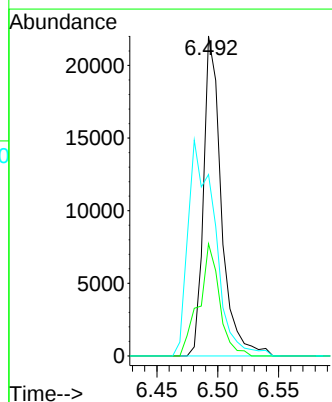
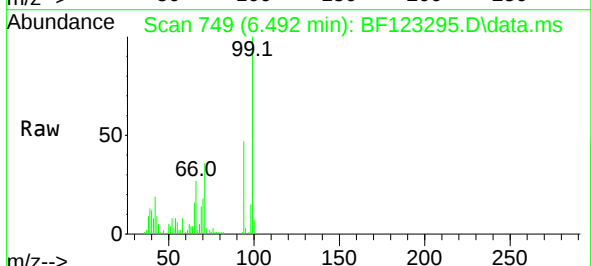
Instrument :
BNA_F
ClientSampleId :
CBH-139

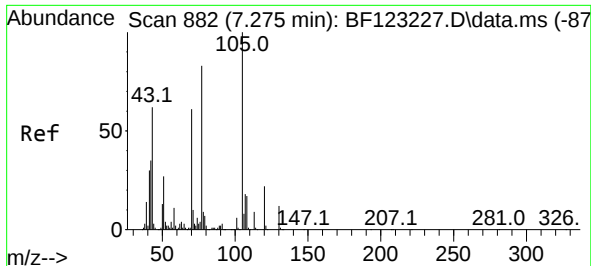
Tgt Ion: 99 Resp: 265135
Ion Ratio Lower Upper
99 100
42 18.9 13.8 20.6
71 38.8 26.9 40.3



#10
Phenol
Concen: 2.07 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF123295.D
Acq: 24 Feb 2021 16:03

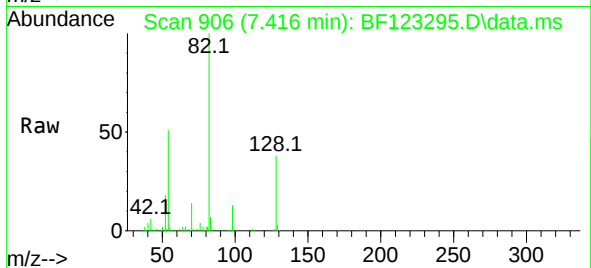
Tgt Ion: 94 Resp: 22443
Ion Ratio Lower Upper
94 100
65 35.1 11.2 51.2
66 56.7 25.8 65.8



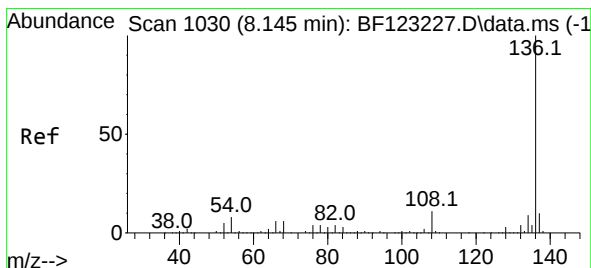
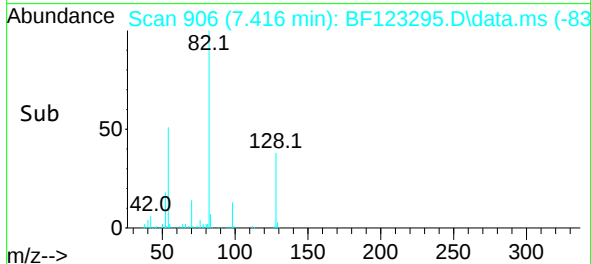
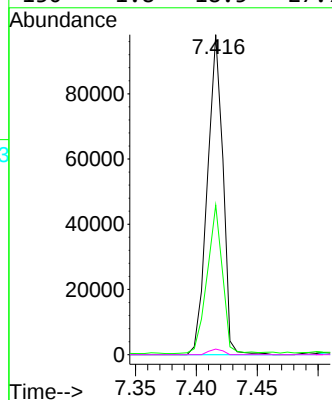


#19
n-Nitroso-di-n-propylamine
Concen: 14.73 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF123295.D
Acq: 24 Feb 2021 16:03

Instrument :
BNA_F
ClientSampleId :
CBH-139

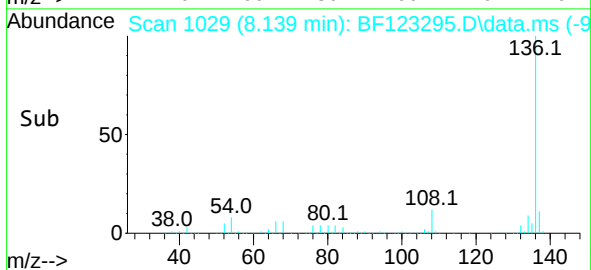
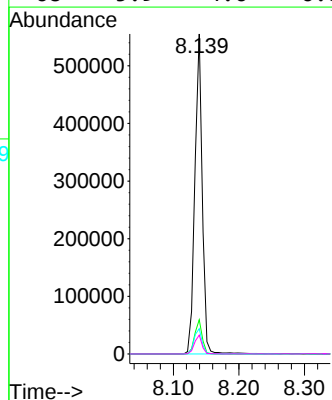
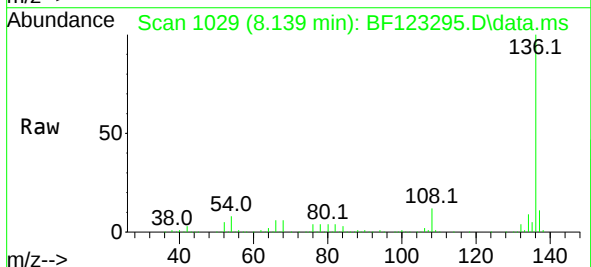


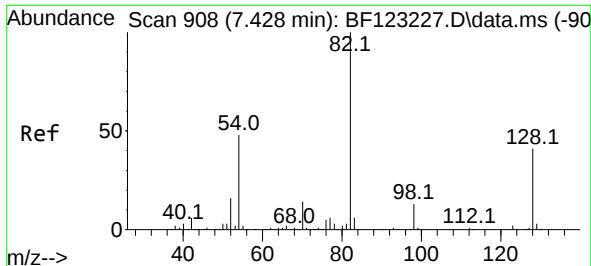
Tgt Ion: 70 Resp: 87225
Ion Ratio Lower Upper
70 100
42 46.7 43.0 64.4
101 0.0 7.9 11.9#
130 1.8 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123295.D
Acq: 24 Feb 2021 16:03

Tgt Ion: 136 Resp: 436849
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.9 5.5 8.3
68 5.9 4.6 6.8





#23

Nitrobenzene-d5

Concen: 65.65 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF123295.D

Acq: 24 Feb 2021 16:03

Tgt Ion: 82 Resp: 626512

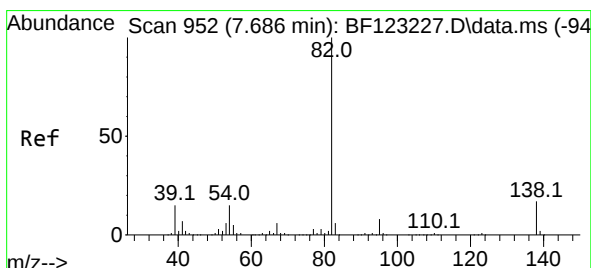
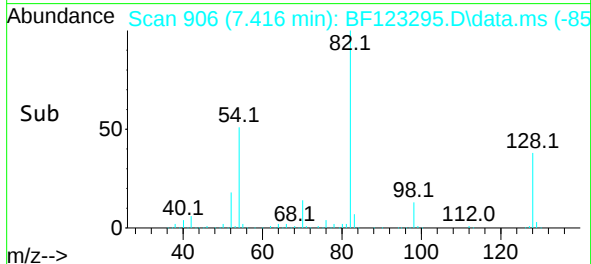
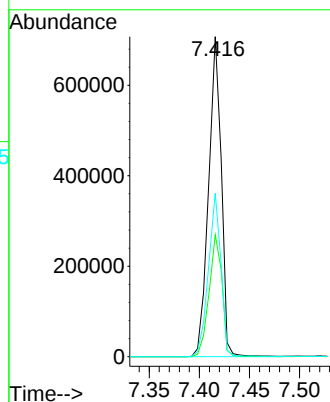
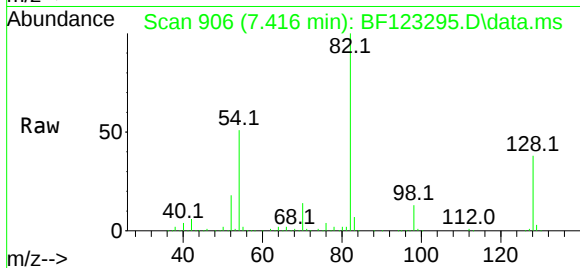
Ion	Ratio	Lower	Upper
82	100		
128	38.1	37.0	55.4
54	51.1	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

CBH-139



#25

Isophorone

Concen: 34.87 ng

RT: 7.416 min Scan# 906

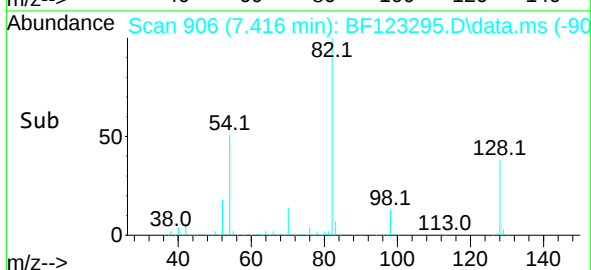
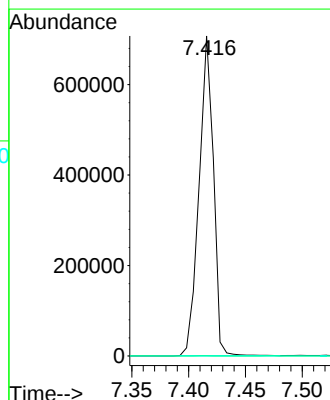
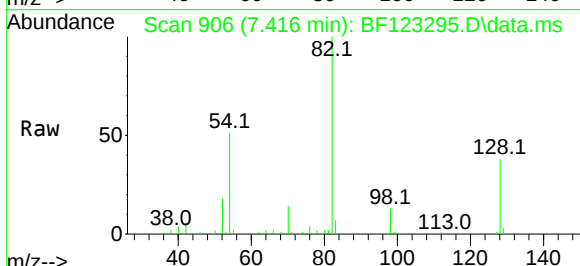
Delta R.T. -0.271 min

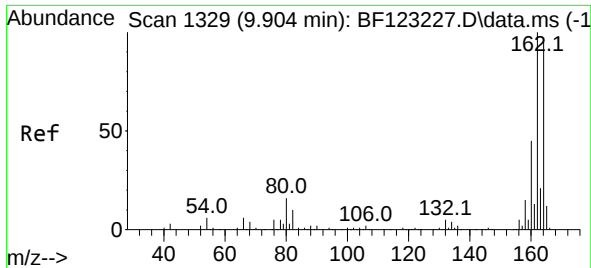
Lab File: BF123295.D

Acq: 24 Feb 2021 16:03

Tgt Ion: 82 Resp: 622336

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	14.6	21.8#

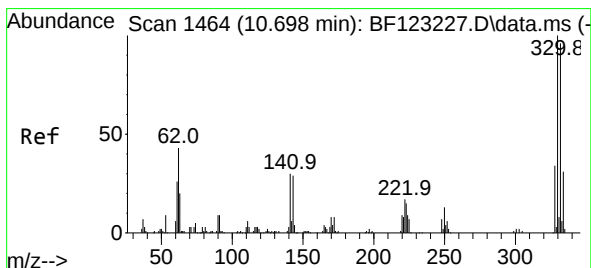
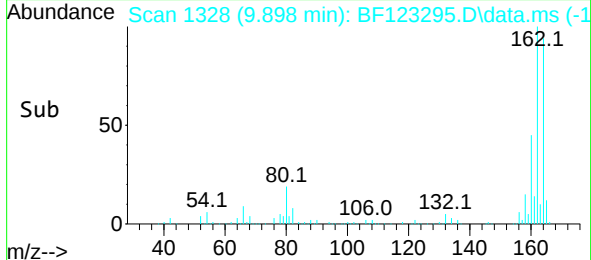
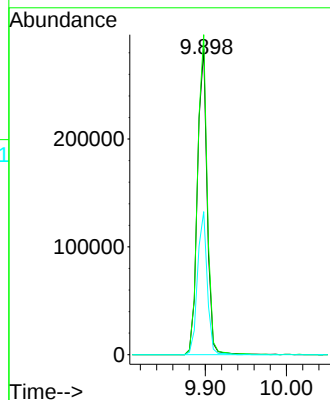
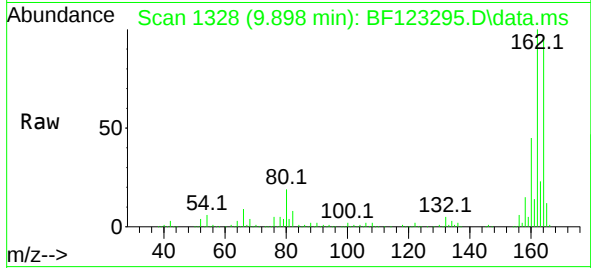




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123295.D
Acq: 24 Feb 2021 16:03

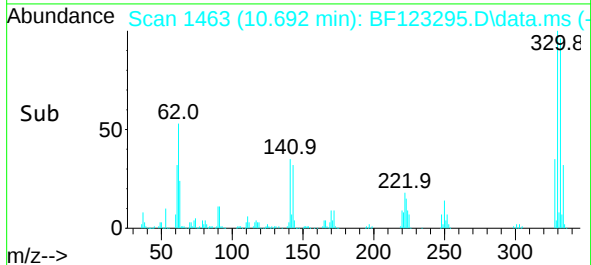
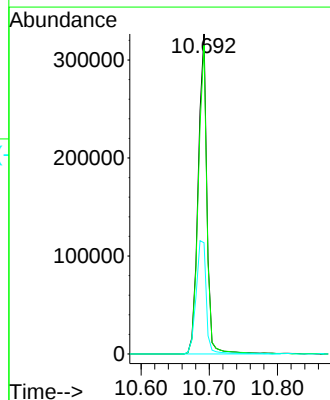
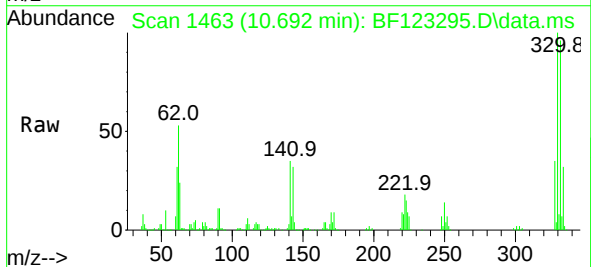
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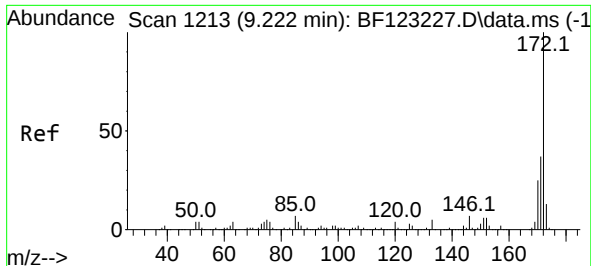
Tgt Ion:164 Resp: 237195
Ion Ratio Lower Upper
164 100
162 104.6 80.8 121.2
160 46.8 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 119.94 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF123295.D
Acq: 24 Feb 2021 16:03

Tgt Ion:330 Resp: 289681
Ion Ratio Lower Upper
330 100
332 95.0 77.5 116.3
141 40.7 23.8 35.8#

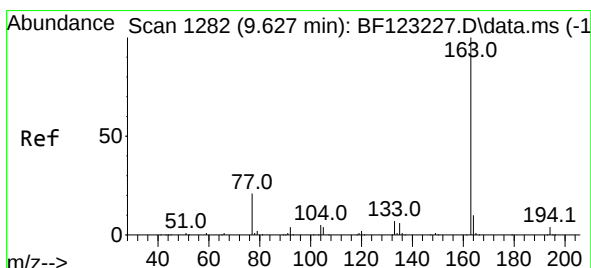
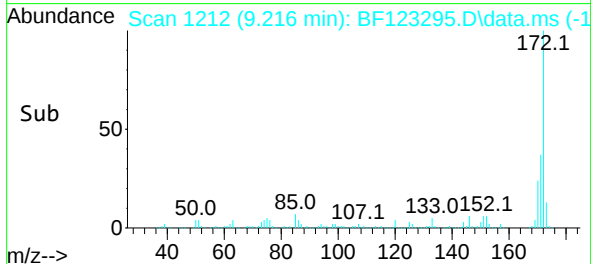
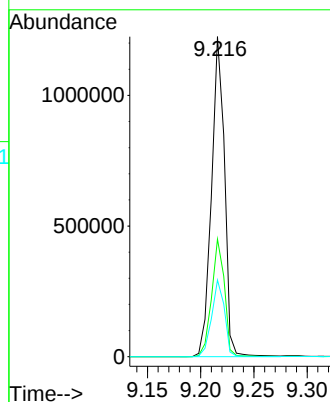
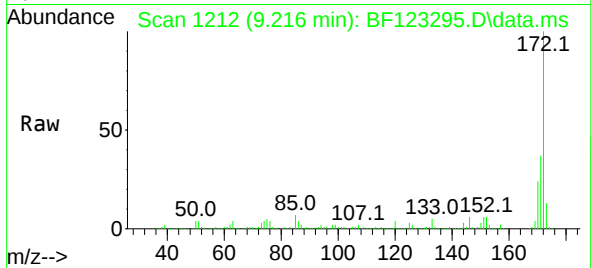




#45
2-Fluorobiphenyl
Concen: 63.35 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123295.D
Acq: 24 Feb 2021 16:03

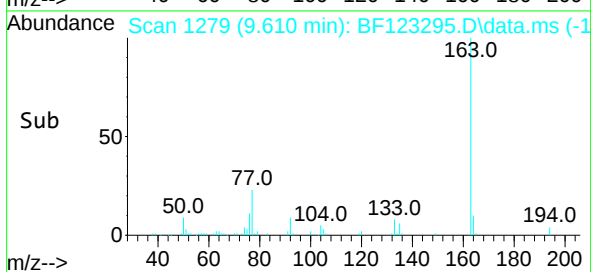
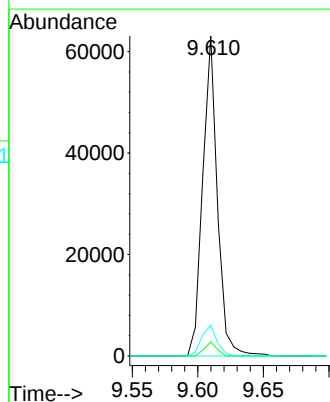
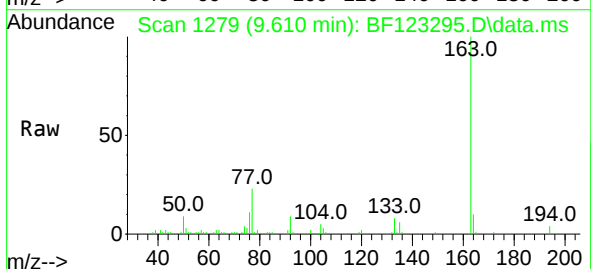
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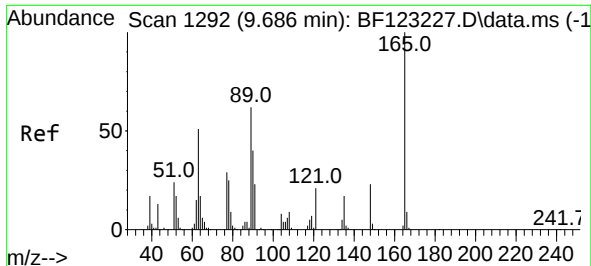
Tgt Ion:172 Resp: 1046043
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 23.9 19.5 29.3



#50
Dimethylphthalate
Concen: 2.78 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF123295.D
Acq: 24 Feb 2021 16:03

Tgt Ion:163 Resp: 49249
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 9.6 8.1 12.1

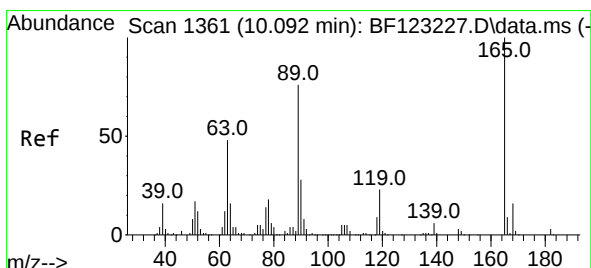
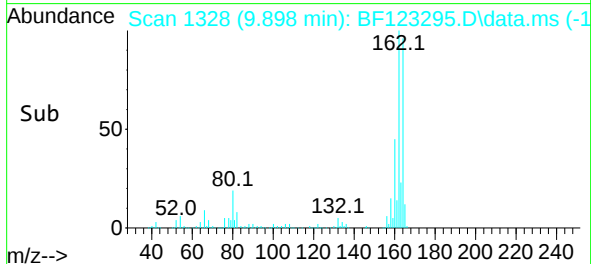
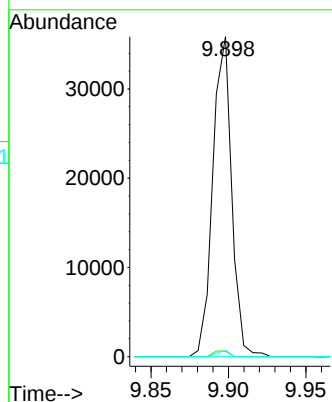
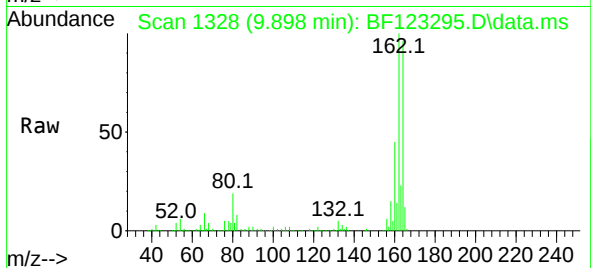




#51
2,6-Dinitrotoluene
Concen: 7.42 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF123295.D
Acq: 24 Feb 2021 16:03

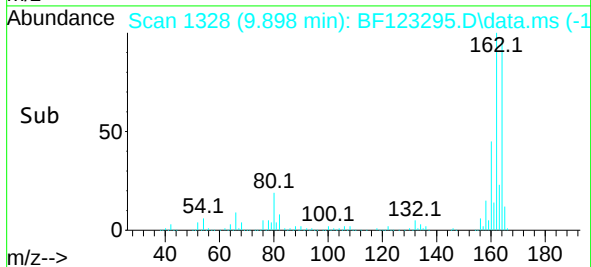
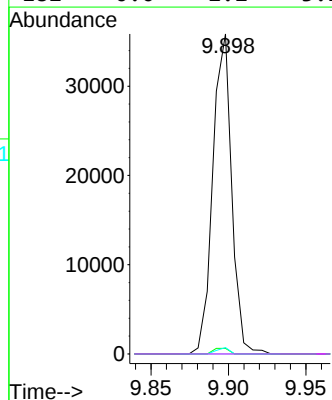
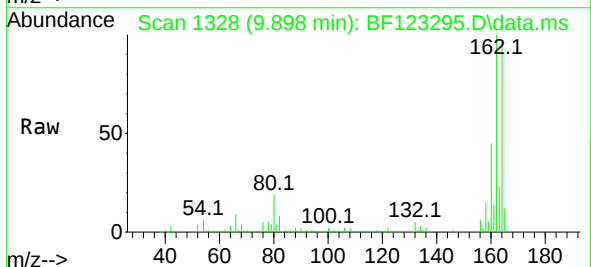
Instrument :
BNA_F
ClientSampled :
CBH-139

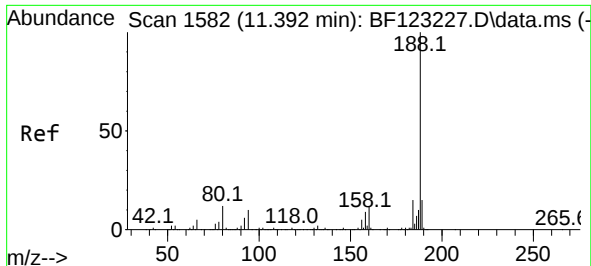
Tgt Ion:165 Resp: 30343
Ion Ratio Lower Upper
165 100
63 1.7 36.6 55.0#
89 2.0 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.52 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF123295.D
Acq: 24 Feb 2021 16:03

Tgt Ion:165 Resp: 30343
Ion Ratio Lower Upper
165 100
63 1.7 34.3 51.5#
89 2.0 55.2 82.8#
182 0.0 2.2 3.2#

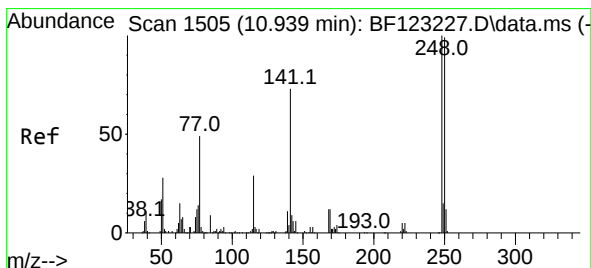
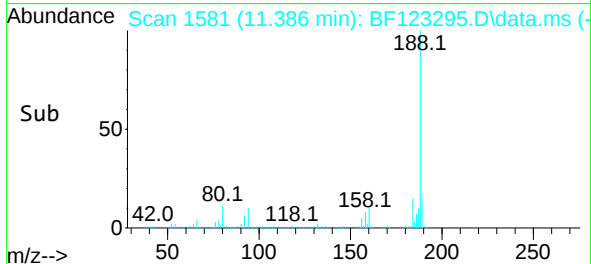
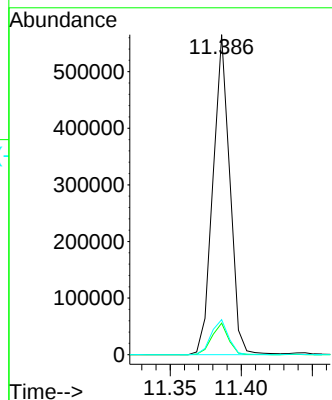
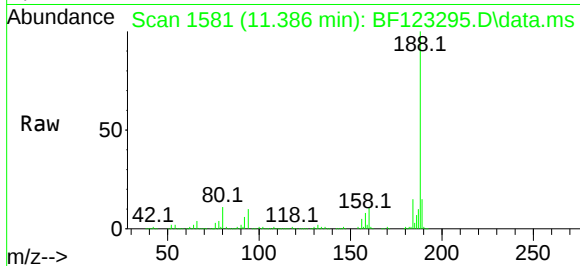




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123295.D
Acq: 24 Feb 2021 16:03

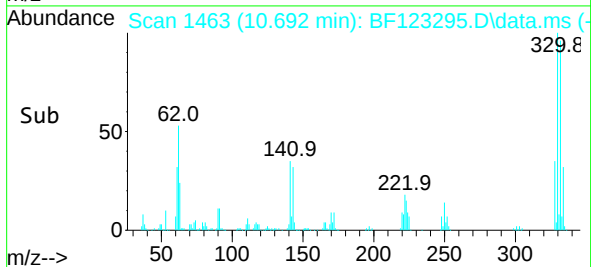
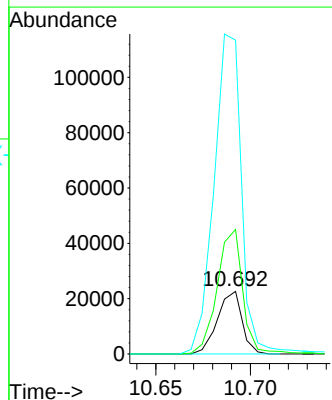
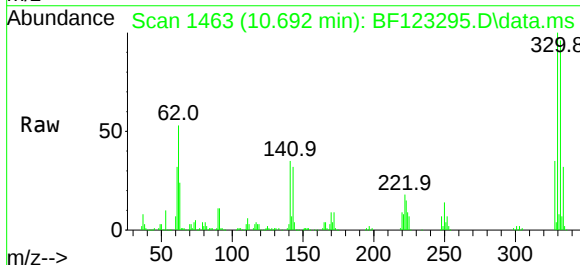
Instrument :
BNA_F
ClientSampleId :
CBH-139

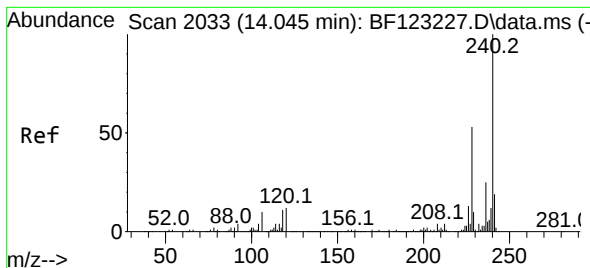
Tgt Ion:188 Resp: 467763
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.2
80 11.0 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 4.01 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF123295.D
Acq: 24 Feb 2021 16:03

Tgt Ion:248 Resp: 20449
Ion Ratio Lower Upper
248 100
250 198.9 76.8 115.2#
141 501.2 59.8 89.8#

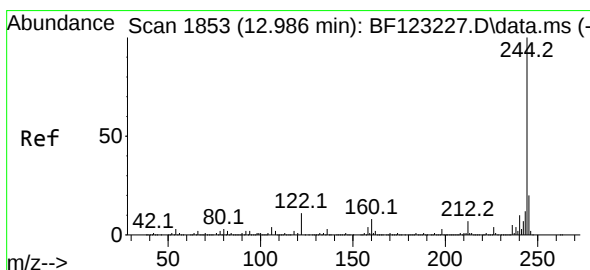
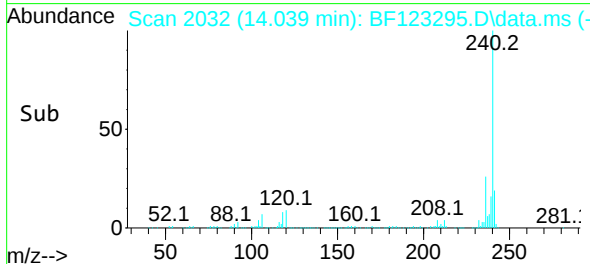
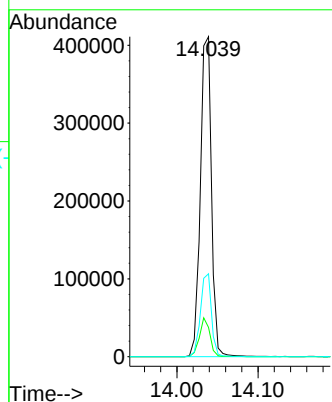
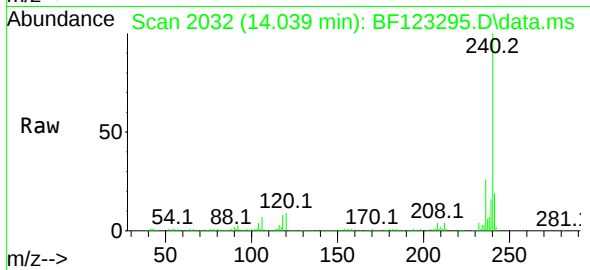




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123295.D
Acq: 24 Feb 2021 16:03

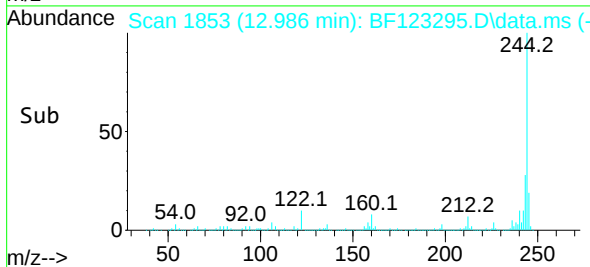
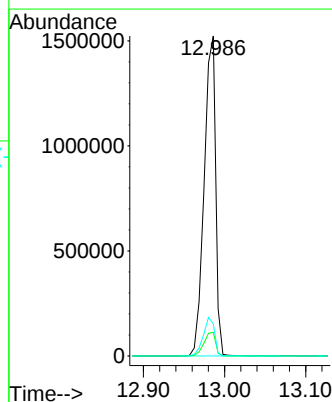
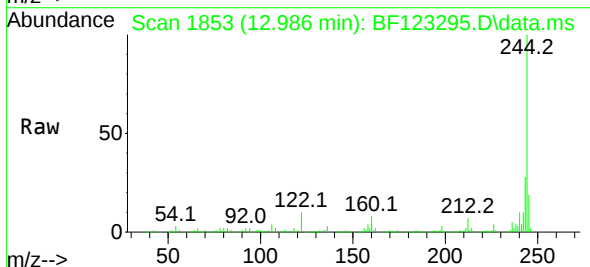
Instrument :
BNA_F
ClientSampled :
CBH-139

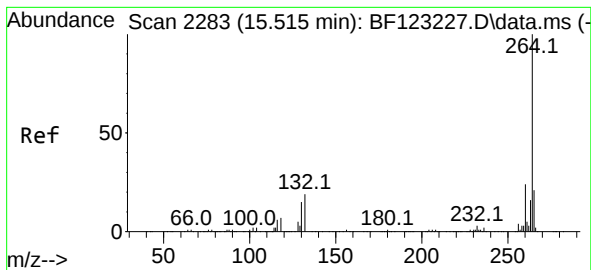
Tgt Ion:240 Resp: 392341
Ion Ratio Lower Upper
240 100
120 9.2 8.6 12.8
236 25.9 20.3 30.5



#79
Terphenyl-d14
Concen: 73.30 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF123295.D
Acq: 24 Feb 2021 16:03

Tgt Ion:244 Resp: 1495499
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 10.0 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.509 min Scan# 2282
 Delta R.T. -0.006 min
 Lab File: BF123295.D
 Acq: 24 Feb 2021 16:03

Instrument :
 BNA_F
 ClientSampleId :
 CBH-139

Tgt Ion:264 Resp: 347123
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 28.0
 265 20.9 17.0 25.6

