

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021121\
 Data File : BF123186.D
 Acq On : 11 Feb 2021 15:26
 Operator : JU/CG
 Sample : M1367-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 INSIDE-SLAB

Quant Time: Feb 11 16:11:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 14:10:38 2021
 Response via : Initial Calibration

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

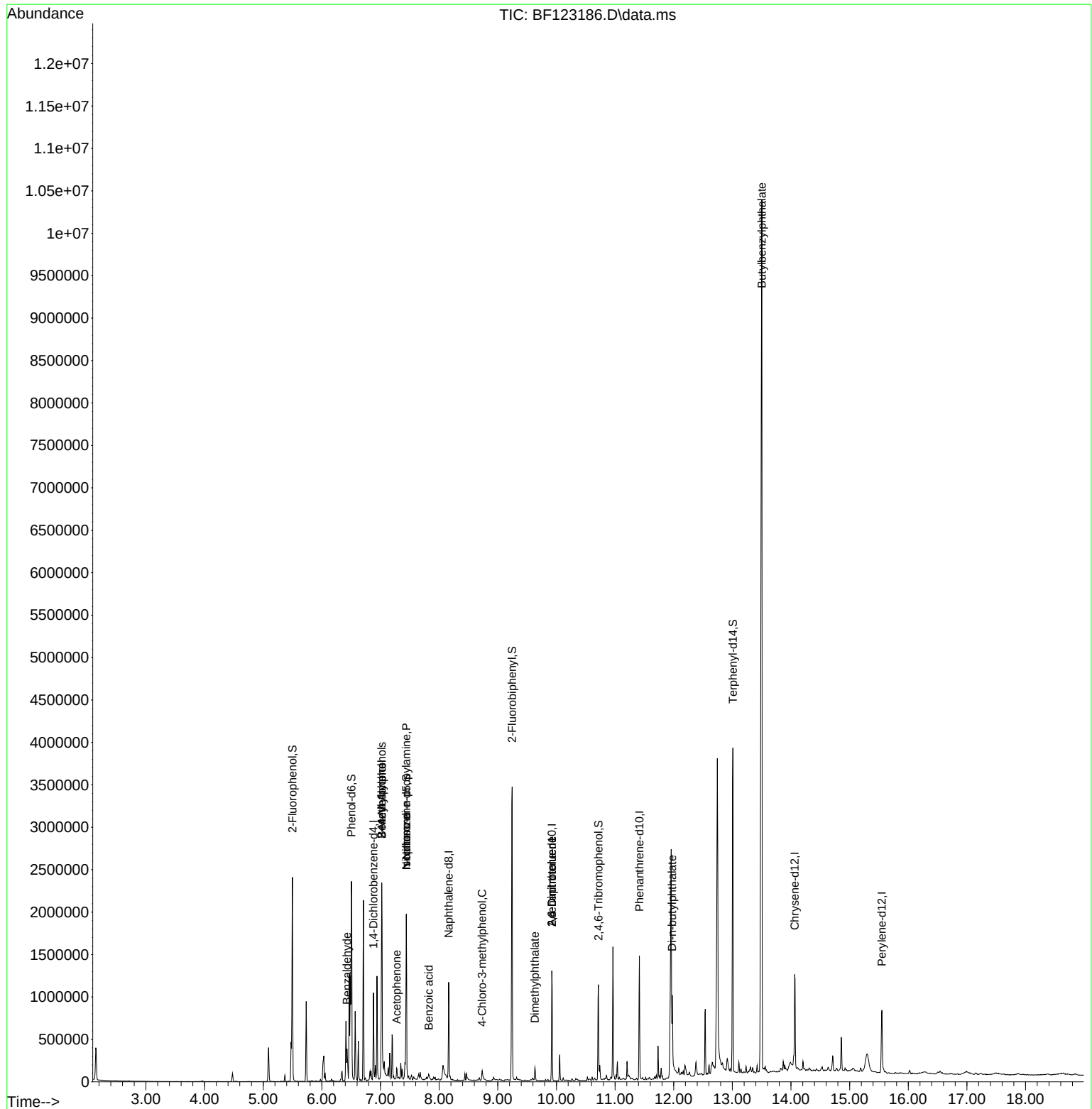
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	126902	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	490436	20.00	ng	0.00
39) Acenaphthene-d10	9.922	164	260806	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	472581	20.00	ng	0.00
76) Chrysene-d12	14.063	240	365436	20.00	ng	-0.01
86) Perylene-d12	15.551	264	343469	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	622645	75.69	ng	0.00
7) Phenol-d6	6.504	99	896827	80.43	ng	0.00
23) Nitrobenzene-d5	7.440	82	603502	61.93	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	138828	49.04	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1139543	64.95	ng	0.00
79) Terphenyl-d14	13.010	244	1204294	64.75	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.428	77	92405	18.13	ng	97
15) Benzyl Alcohol	7.022	79	589777	75.44	ng	97
17) 2-Methylphenol	7.022	107	327458	43.16	ng	# 13
19) n-Nitroso-di-n-propyla...	7.440	70	83023	12.38	ng	# 79
20) 3+4-Methylphenols	7.022	107	323057	36.15	ng	# 36
22) Acetophenone	7.275	105	42889	3.36	ng	# 60
25) Isophorone	7.440	82	597062	33.45	ng	# 65
32) Benzoic acid	7.822	122	664	5.01	ng	# 86
36) 4-Chloro-3-methylphenol	8.734	107	25458	3.13	ng	# 19
50) Dimethylphthalate	9.633	163	48560	2.37	ng	99
51) 2,6-Dinitrotoluene	9.922	165	33255	7.63	ng	# 32
57) 2,4-Dinitrotoluene	9.922	165	33255	5.87	ng	# 26
74) Di-n-butylphthalate	11.975	149	344629	11.12	ng	98
80) Butylbenzylphthalate	13.504	149	3376662	284.46	ng	98

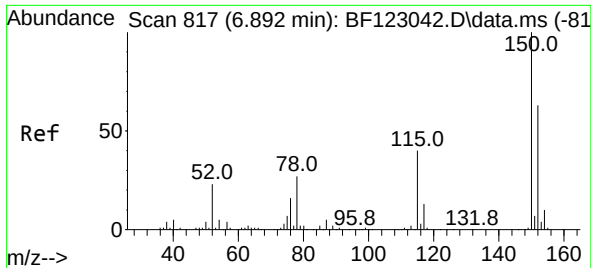
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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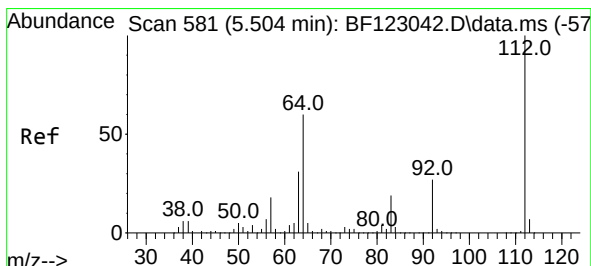
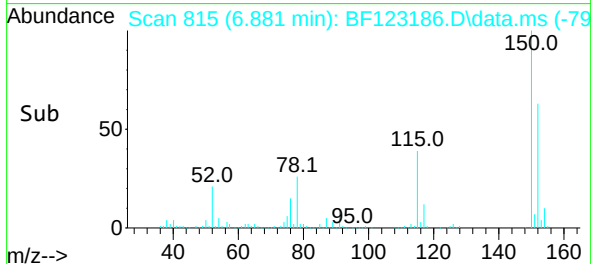
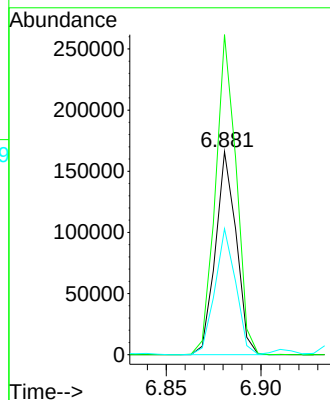
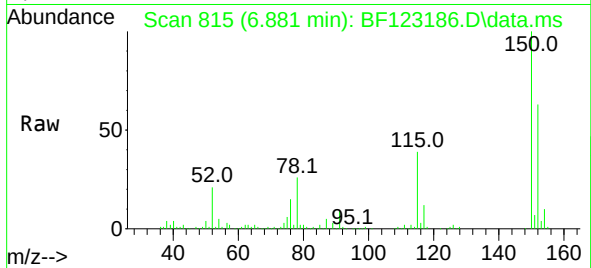




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF123186.D
Acq: 11 Feb 2021 15:26

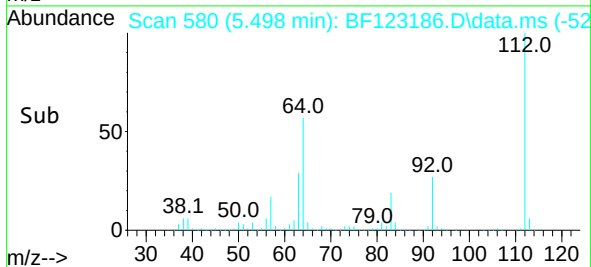
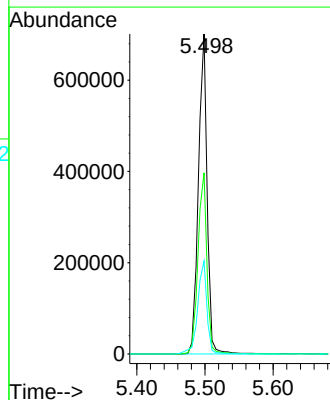
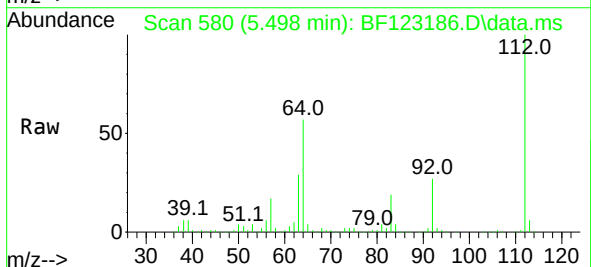
Instrument :
BNA_F
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INSIDE-SLAB

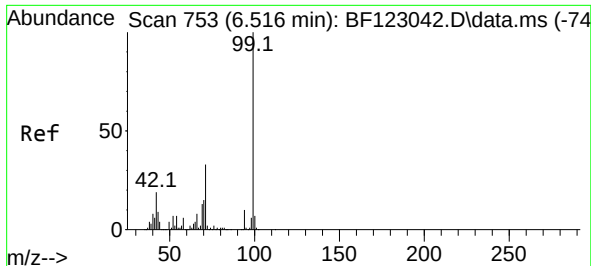
Tgt Ion:152 Resp: 126902
Ion Ratio Lower Upper
152 100
150 157.6 125.8 188.6
115 62.0 49.3 73.9



#5
2-Fluorophenol
Concen: 75.69 ng
RT: 5.498 min Scan# 580
Delta R.T. -0.000 min
Lab File: BF123186.D
Acq: 11 Feb 2021 15:26

Tgt Ion:112 Resp: 622645
Ion Ratio Lower Upper
112 100
64 56.6 46.9 70.3
63 29.1 24.5 36.7

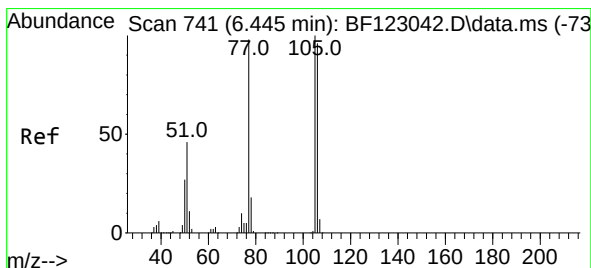
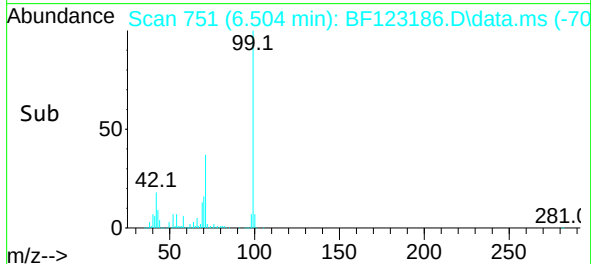
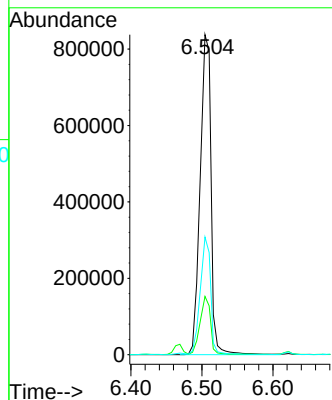
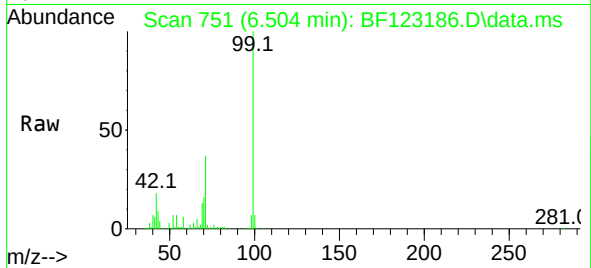




#7
Phenol-d6
Concen: 80.43 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF123186.D
Acq: 11 Feb 2021 15:26

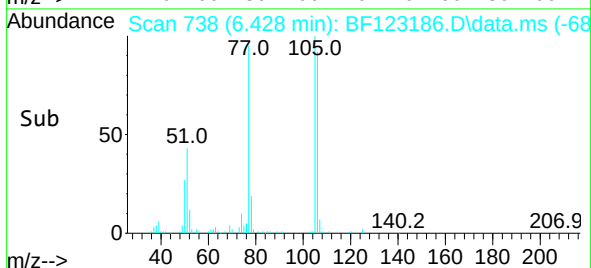
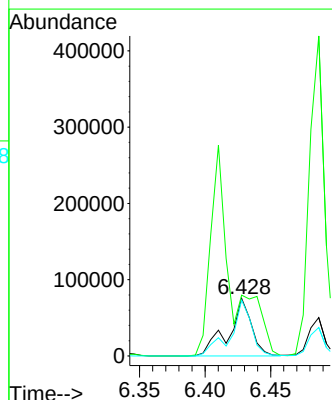
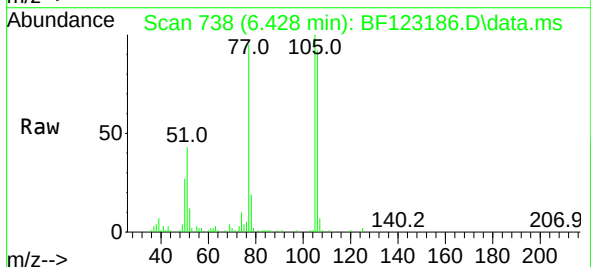
Instrument :
BNA_F
ClientSampleId :
INSIDE-SLAB

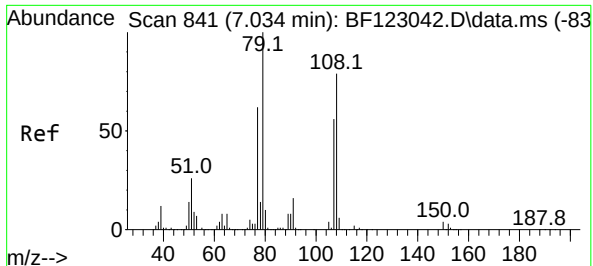
Tgt Ion: 99 Resp: 896827
Ion Ratio Lower Upper
99 100
42 18.2 13.8 20.6
71 36.7 26.9 40.3



#9
Benzaldehyde
Concen: 18.13 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF123186.D
Acq: 11 Feb 2021 15:26

Tgt Ion: 77 Resp: 92405
Ion Ratio Lower Upper
77 100
105 105.6 80.6 120.6
106 97.0 77.2 117.2

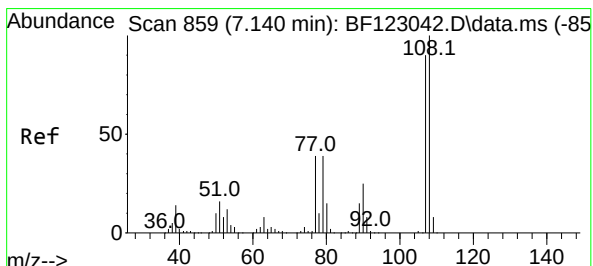
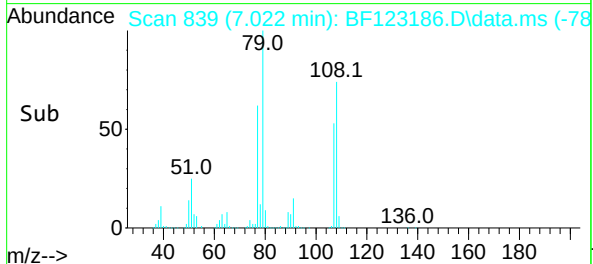
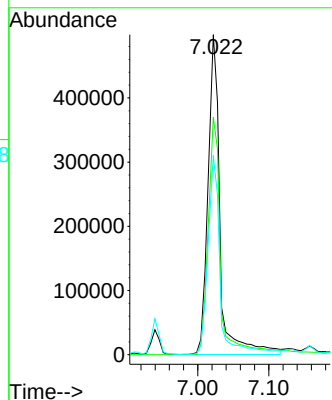
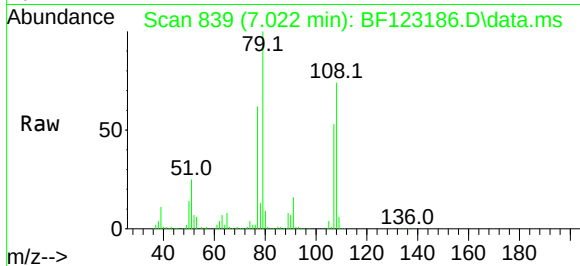




#15
Benzyl Alcohol
Concen: 75.44 ng
RT: 7.022 min Scan# 839
Delta R.T. -0.000 min
Lab File: BF123186.D
Acq: 11 Feb 2021 15:26

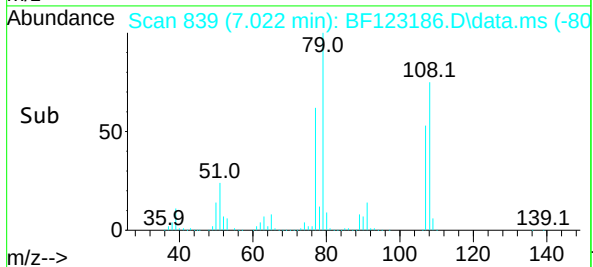
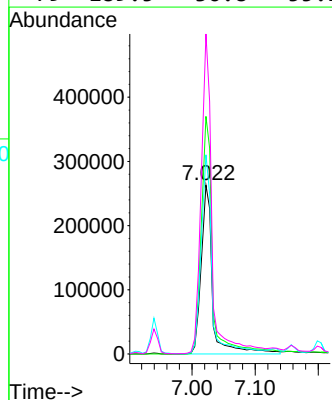
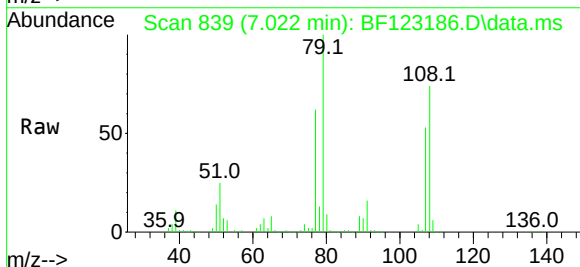
Instrument :
BNA_F
ClientSampleId :
INSIDE-SLAB

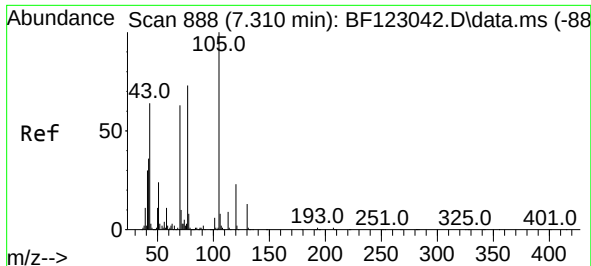
Tgt Ion: 79 Resp: 589777
Ion Ratio Lower Upper
79 100
108 74.3 62.4 93.6
77 62.3 49.0 73.6



#17
2-Methylphenol
Concen: 43.16 ng
RT: 7.022 min Scan# 839
Delta R.T. -0.112 min
Lab File: BF123186.D
Acq: 11 Feb 2021 15:26

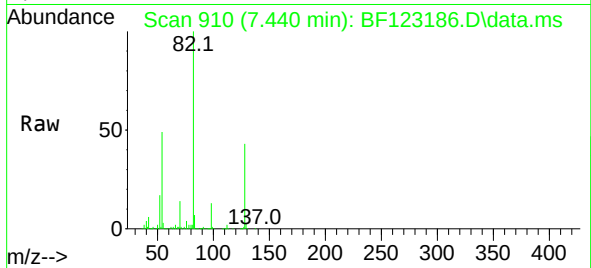
Tgt Ion: 107 Resp: 327458
Ion Ratio Lower Upper
107 100
108 140.8 91.1 136.7#
77 118.0 36.3 54.5#
79 189.5 36.8 55.2#



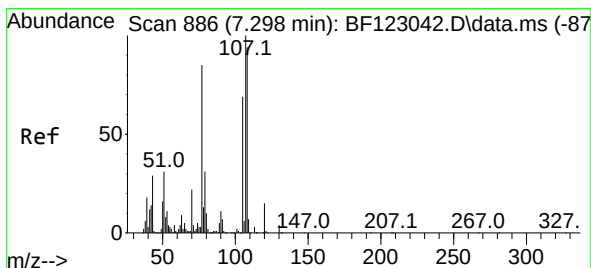
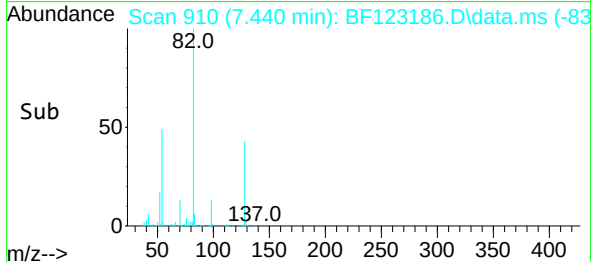
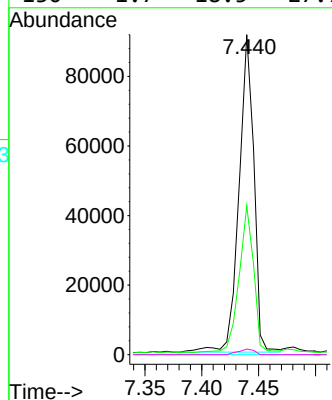


#19
n-Nitroso-di-n-propylamine
Concen: 12.38 ng
RT: 7.440 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF123186.D
Acq: 11 Feb 2021 15:26

Instrument :
BNA_F
ClientSampleId :
INSIDE-SLAB

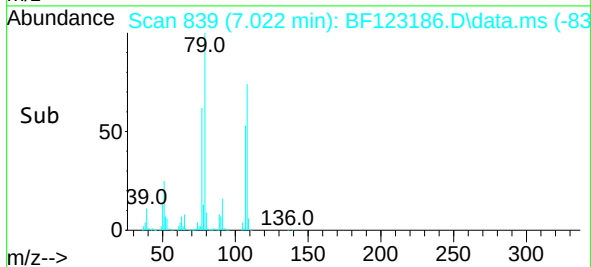
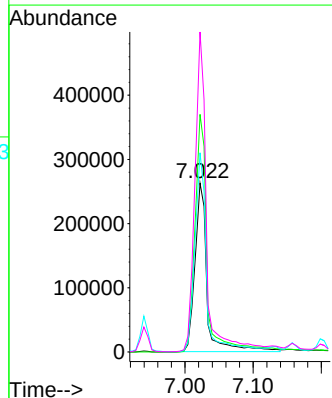
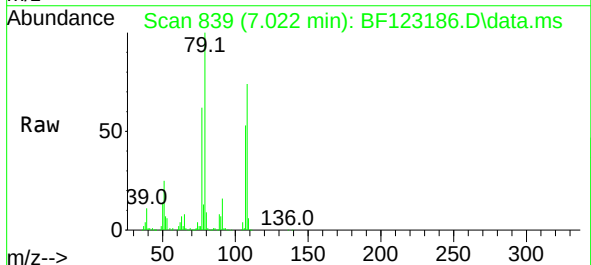


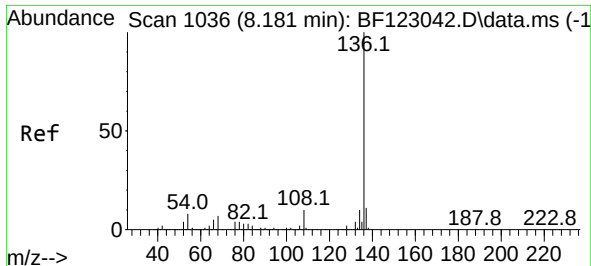
Tgt Ion:	70	Resp:	83023
Ion Ratio	Lower	Upper	
70	100		
42	46.5	43.0	64.4
101	0.0	7.9	11.9#
130	1.7	18.5	27.7#



#20
3+4-Methylphenols
Concen: 36.15 ng
RT: 7.022 min Scan# 839
Delta R.T. -0.265 min
Lab File: BF123186.D
Acq: 11 Feb 2021 15:26

Tgt Ion:	107	Resp:	323057
Ion Ratio	Lower	Upper	
107	100		
108	140.8	68.7	108.7#
77	118.0	89.8	129.8
79	189.5	9.8	49.8#

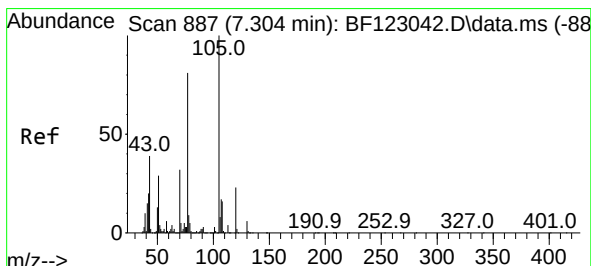
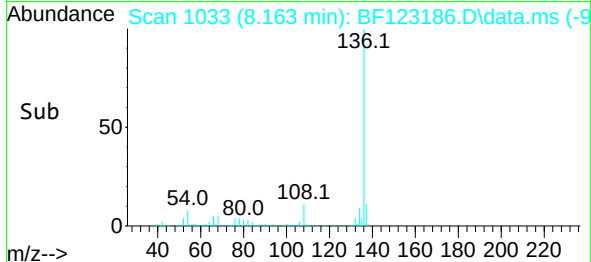
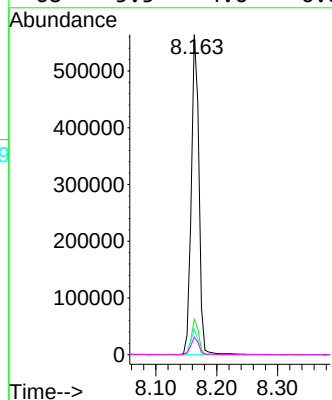
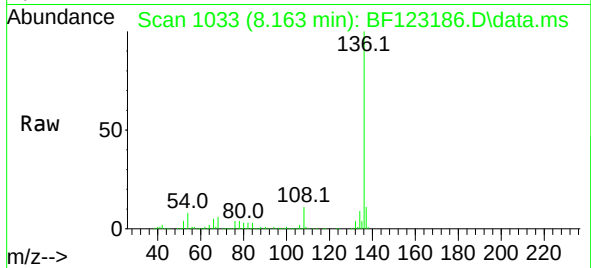




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF123186.D
Acq: 11 Feb 2021 15:26

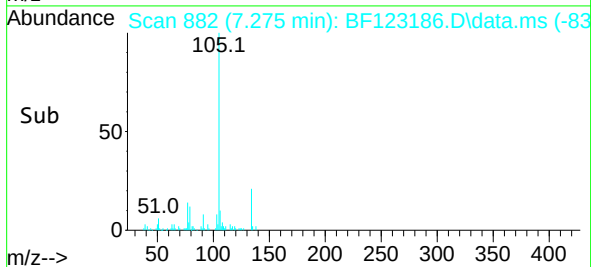
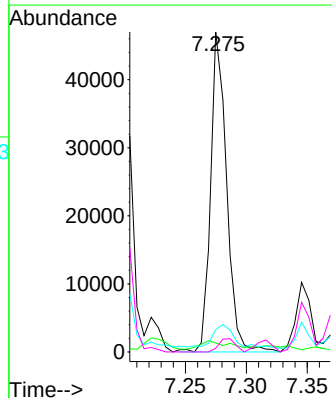
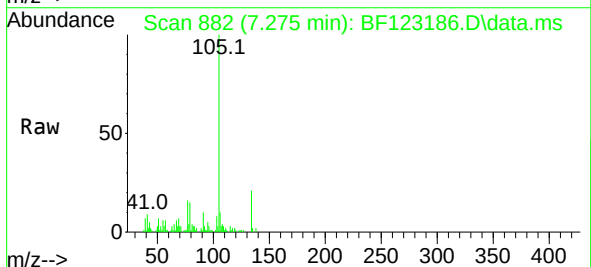
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ClientSampleId :
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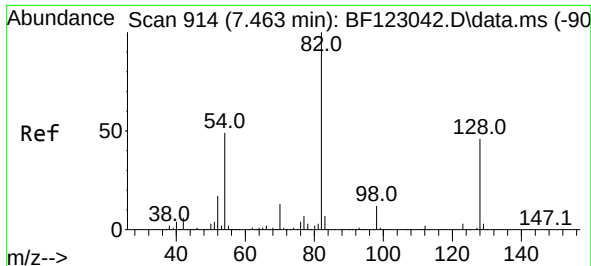
Tgt Ion:136	Resp: 490436
Ion Ratio	Lower Upper
136	100
137	11.1 8.8 13.2
54	8.0 5.5 8.3
68	5.5 4.6 6.8



#22
Acetophenone
Concen: 3.36 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.018 min
Lab File: BF123186.D
Acq: 11 Feb 2021 15:26

Tgt Ion:105	Resp: 42889
Ion Ratio	Lower Upper
105	100
71	2.8 6.5 9.7#
51	7.0 24.3 36.5#
120	1.2 18.1 27.1#





#23

Nitrobenzene-d5

Concen: 61.93 ng

RT: 7.440 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF123186.D

Acq: 11 Feb 2021 15:26

Tgt Ion: 82 Resp: 603502

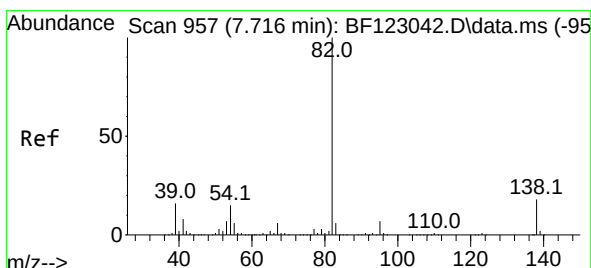
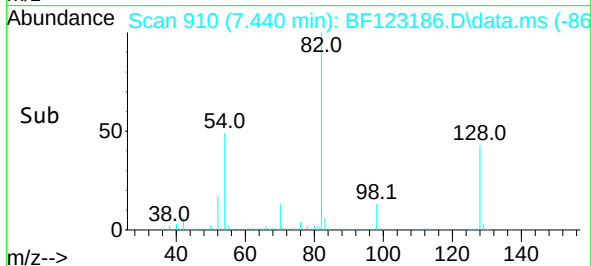
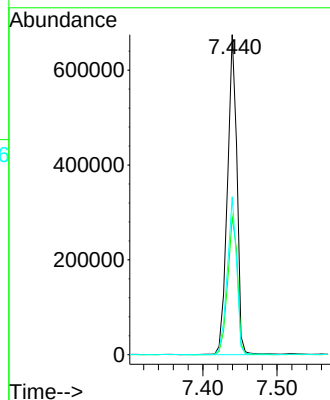
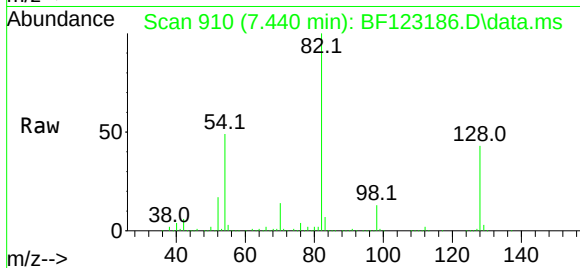
Ion	Ratio	Lower	Upper
82	100		
128	43.0	37.0	55.4
54	49.3	38.4	57.6

Instrument :

BNA_F

ClientSampleId :

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#25

Isophorone

Concen: 33.45 ng

RT: 7.440 min Scan# 910

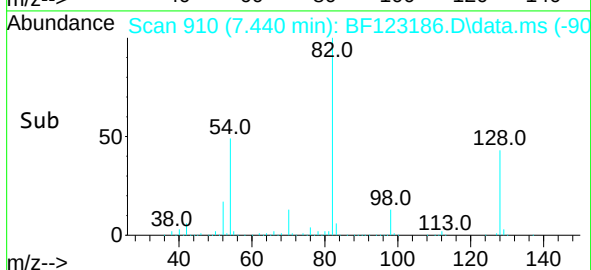
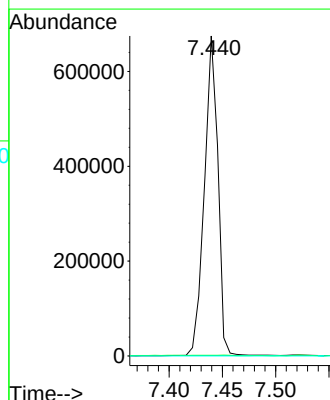
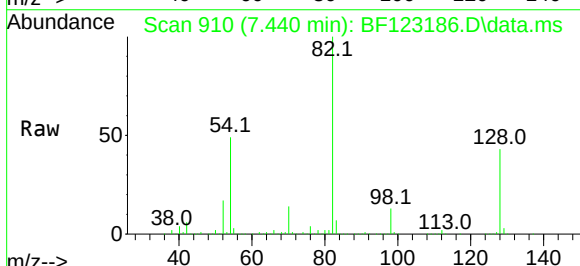
Delta R.T. -0.265 min

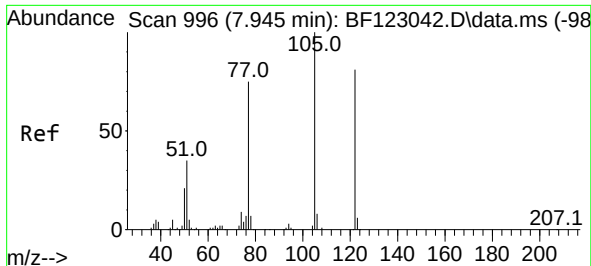
Lab File: BF123186.D

Acq: 11 Feb 2021 15:26

Tgt Ion: 82 Resp: 597062

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.8	8.6#
138	0.0	14.6	21.8#

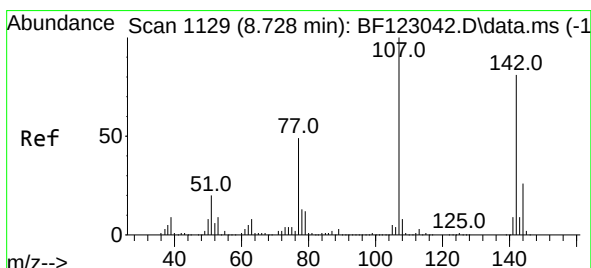
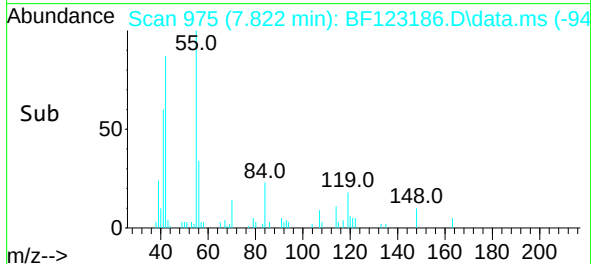
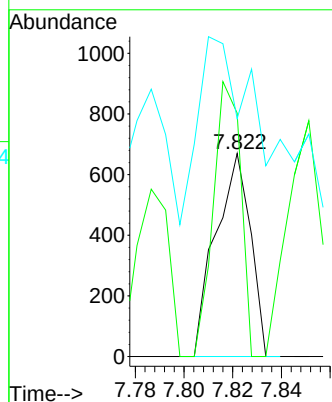
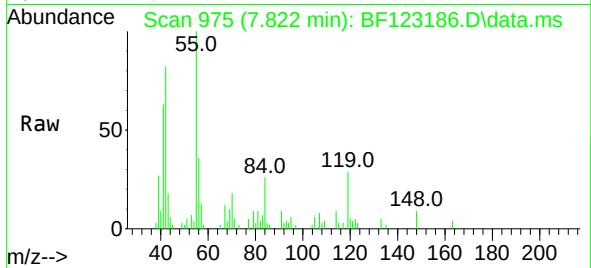




#32
Benzoic acid
Concen: 5.01 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.118 min
Lab File: BF123186.D
Acq: 11 Feb 2021 15:26

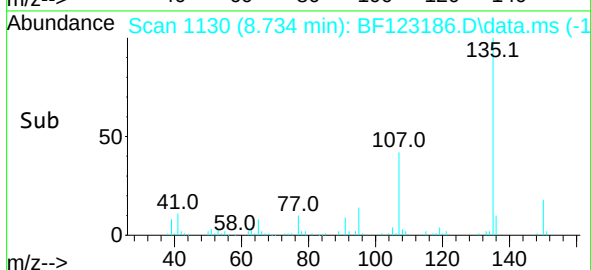
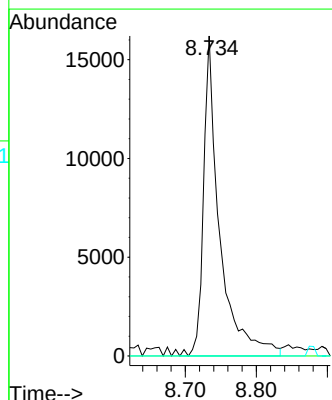
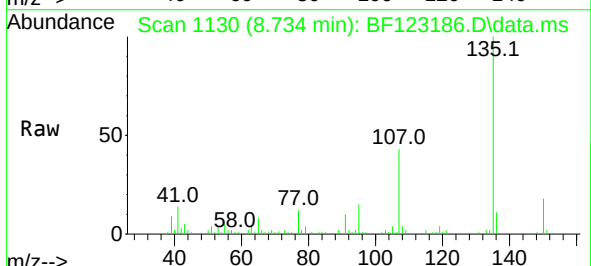
Instrument :
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ClientSampleId :
INSIDE-SLAB

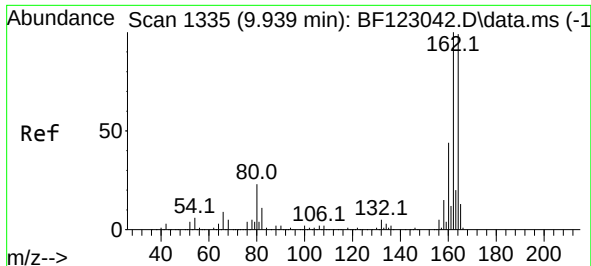
Tgt Ion:122 Resp: 664
Ion Ratio Lower Upper
122 100
105 119.9 104.8 144.8
77 117.2 71.0 111.0#



#36
4-Chloro-3-methylphenol
Concen: 3.13 ng
RT: 8.734 min Scan# 1130
Delta R.T. 0.018 min
Lab File: BF123186.D
Acq: 11 Feb 2021 15:26

Tgt Ion:107 Resp: 25458
Ion Ratio Lower Upper
107 100
144 0.0 20.2 30.2#
142 0.0 64.4 96.6#

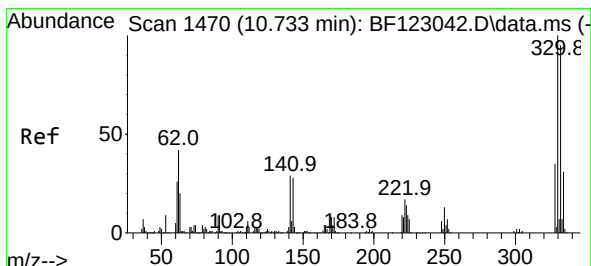
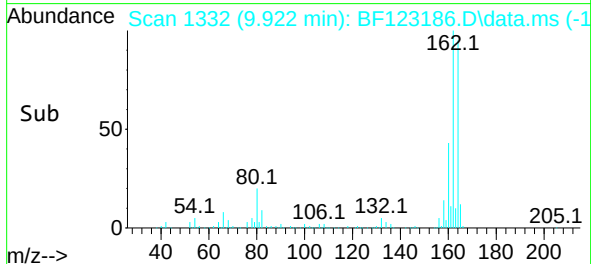
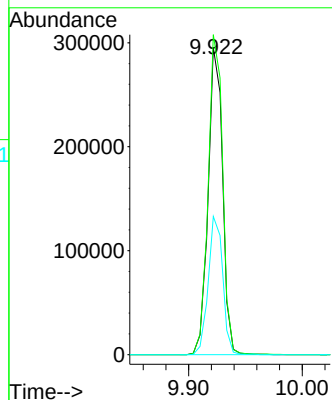
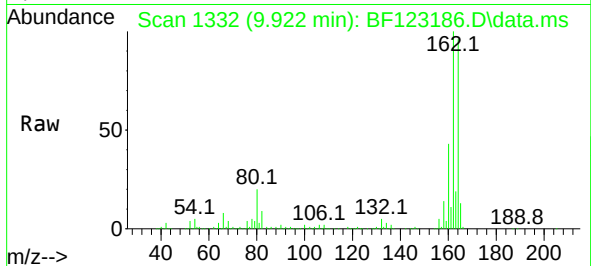




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF123186.D
Acq: 11 Feb 2021 15:26

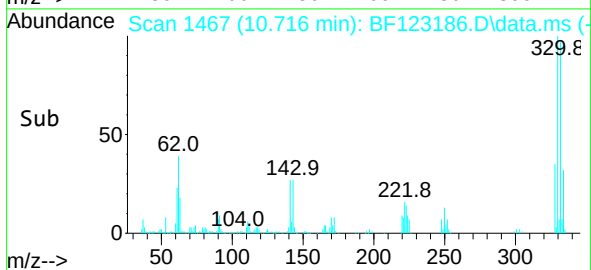
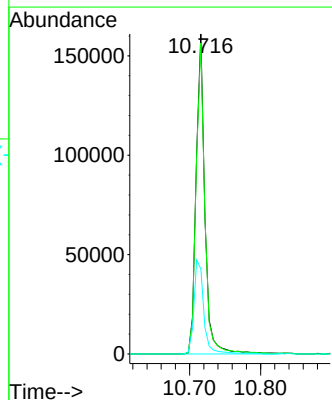
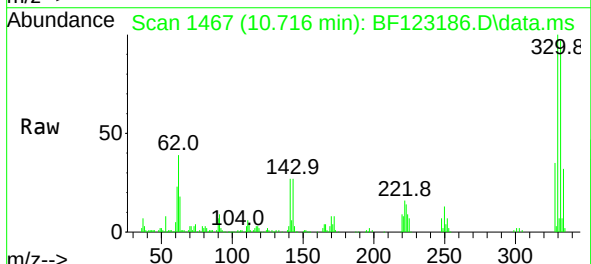
Instrument :
BNA_F
ClientSampleId :
INSIDE-SLAB

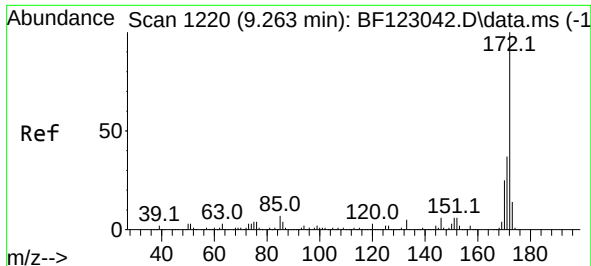
Tgt Ion:164 Resp: 260806
Ion Ratio Lower Upper
164 100
162 104.2 80.8 121.2
160 45.0 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 49.04 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF123186.D
Acq: 11 Feb 2021 15:26

Tgt Ion:330 Resp: 138828
Ion Ratio Lower Upper
330 100
332 97.6 77.5 116.3
141 33.1 23.8 35.8

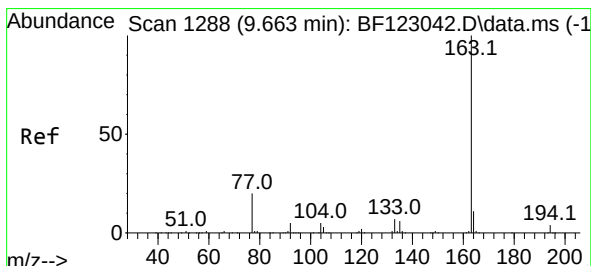
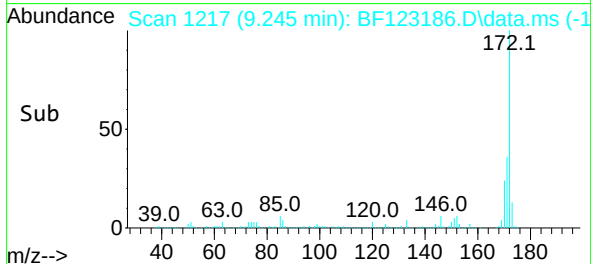
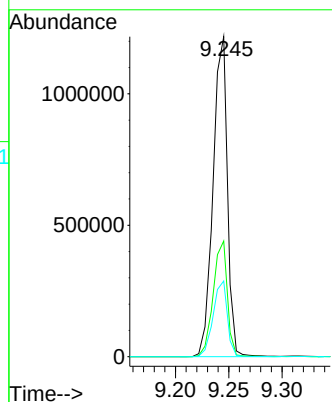
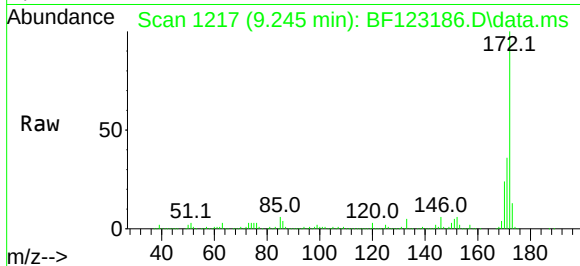




#45
2-Fluorobiphenyl
Concen: 64.95 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.000 min
Lab File: BF123186.D
Acq: 11 Feb 2021 15:26

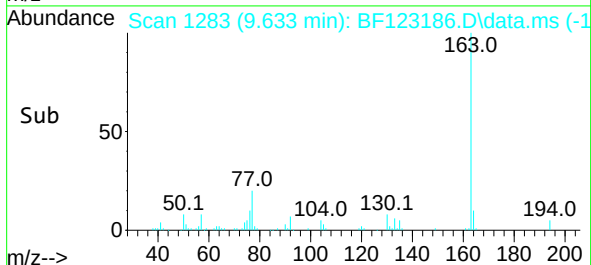
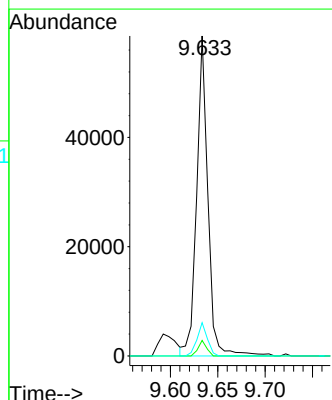
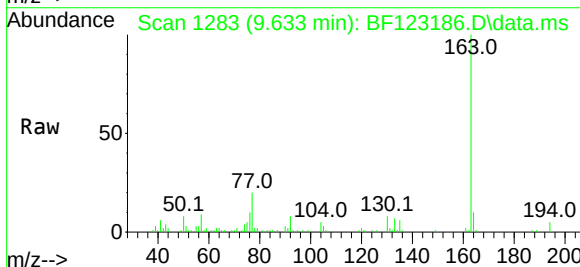
Instrument :
BNA_F
ClientSampleId :
INSIDE-SLAB

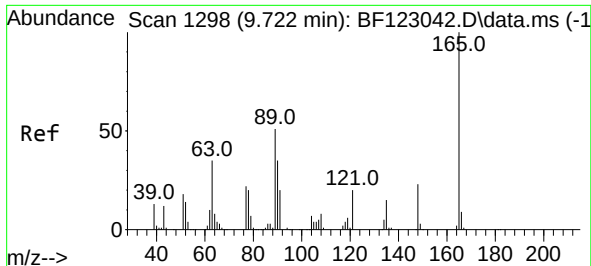
Tgt Ion:172 Resp: 1139543
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.7 19.5 29.3



#50
Dimethylphthalate
Concen: 2.37 ng
RT: 9.633 min Scan# 1283
Delta R.T. -0.018 min
Lab File: BF123186.D
Acq: 11 Feb 2021 15:26

Tgt Ion:163 Resp: 48560
Ion Ratio Lower Upper
163 100
194 4.9 3.4 5.0
164 10.4 8.1 12.1

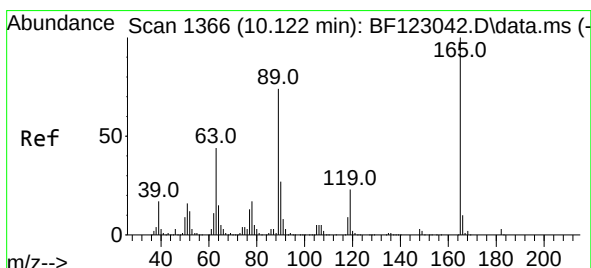
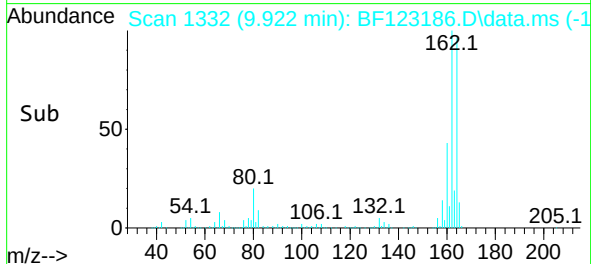
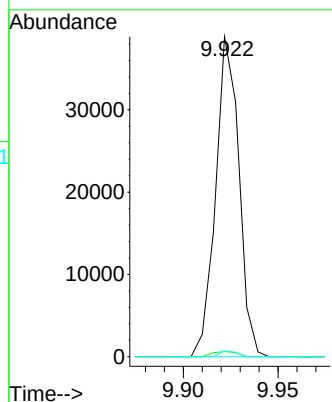
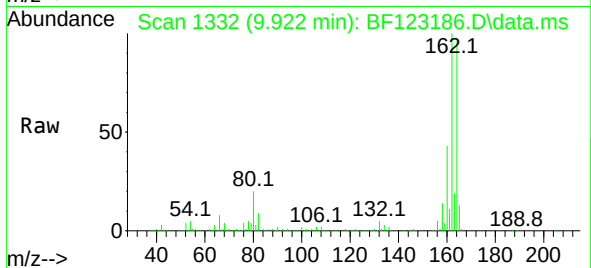




#51
2,6-Dinitrotoluene
Concen: 7.63 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.212 min
Lab File: BF123186.D
Acq: 11 Feb 2021 15:26

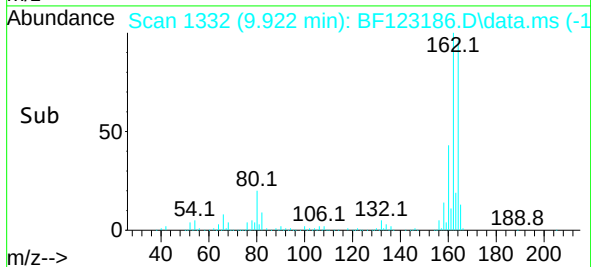
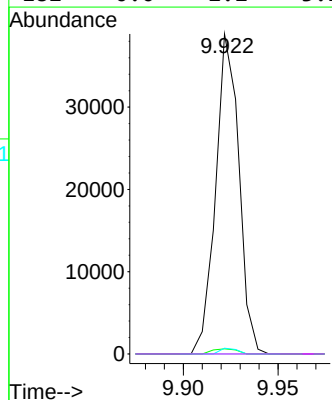
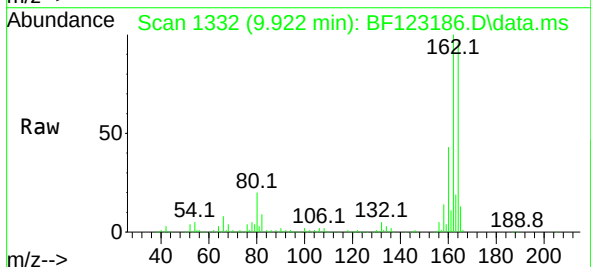
Instrument :
BNA_F
ClientSampleId :
INSIDE-SLAB

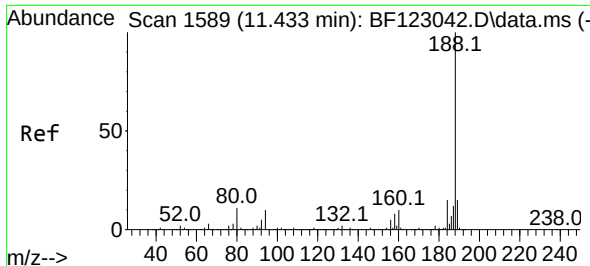
Tgt Ion:165 Resp: 33255
Ion Ratio Lower Upper
165 100
63 1.6 36.6 55.0#
89 1.8 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.87 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.194 min
Lab File: BF123186.D
Acq: 11 Feb 2021 15:26

Tgt Ion:165 Resp: 33255
Ion Ratio Lower Upper
165 100
63 1.6 34.3 51.5#
89 1.8 55.2 82.8#
182 0.0 2.2 3.2#

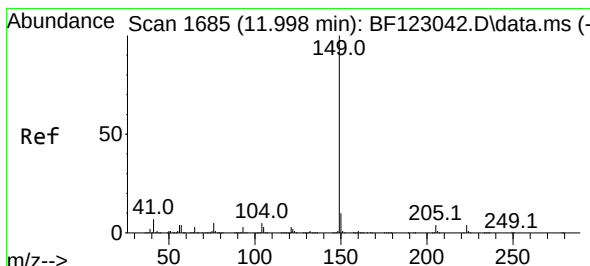
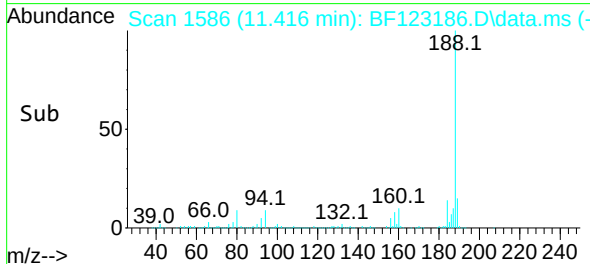
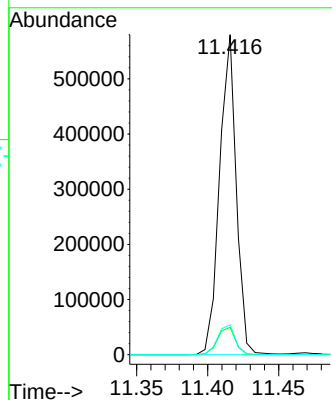
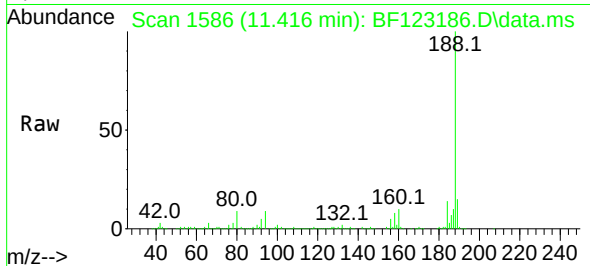




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF123186.D
Acq: 11 Feb 2021 15:26

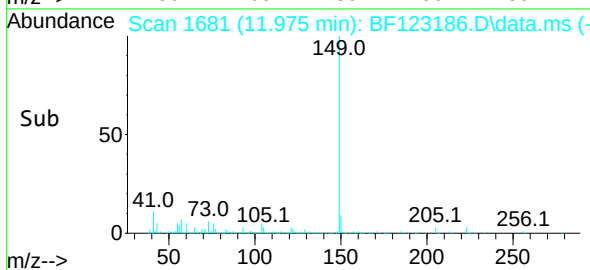
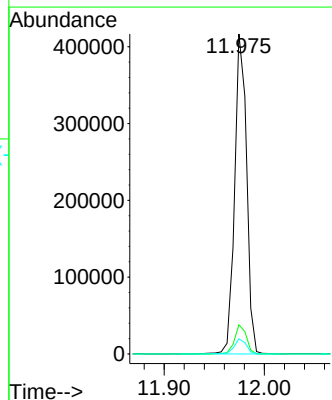
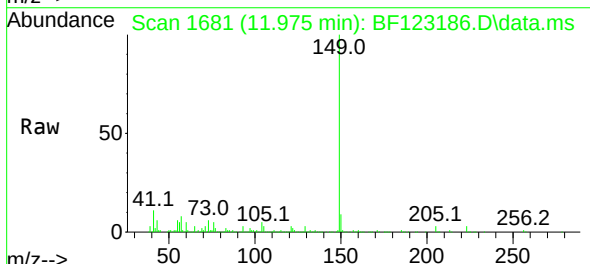
Instrument :
BNA_F
ClientSampleId :
INSIDE-SLAB

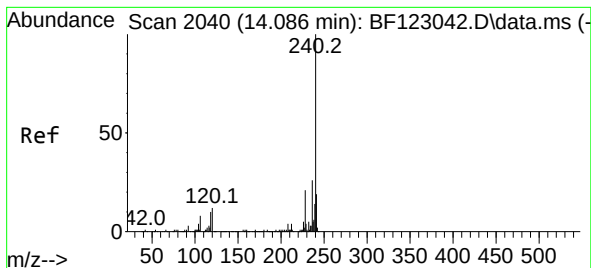
Tgt Ion:188 Resp: 472581
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 9.3 8.2 12.4



#74
Di-n-butylphthalate
Concen: 11.12 ng
RT: 11.975 min Scan# 1681
Delta R.T. -0.006 min
Lab File: BF123186.D
Acq: 11 Feb 2021 15:26

Tgt Ion:149 Resp: 344629
Ion Ratio Lower Upper
149 100
150 9.1 7.8 11.6
104 4.7 4.2 6.4





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.012 min

Lab File: BF123186.D

Acq: 11 Feb 2021 15:26

Tgt Ion:240 Resp: 365436

Ion Ratio Lower Upper

240 100

120 12.1 8.6 12.8

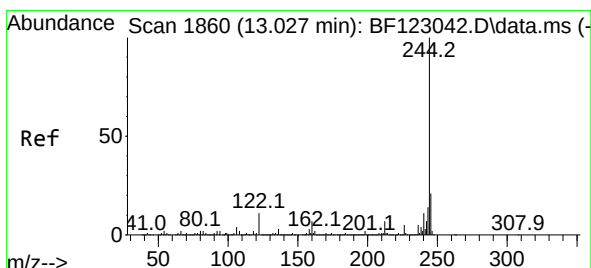
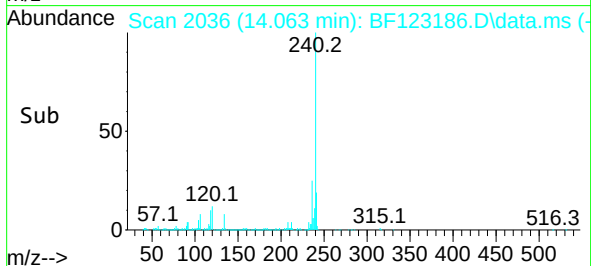
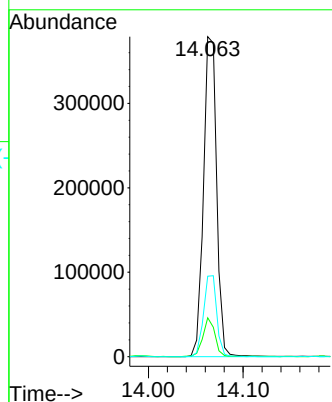
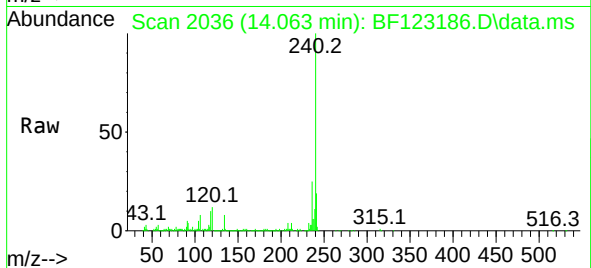
236 25.1 20.3 30.5

Instrument :

BNA_F

ClientSampleId :

INSIDE-SLAB



#79

Terphenyl-d14

Concen: 64.75 ng

RT: 13.010 min Scan# 1857

Delta R.T. -0.000 min

Lab File: BF123186.D

Acq: 11 Feb 2021 15:26

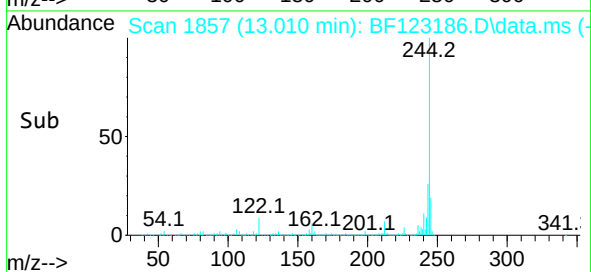
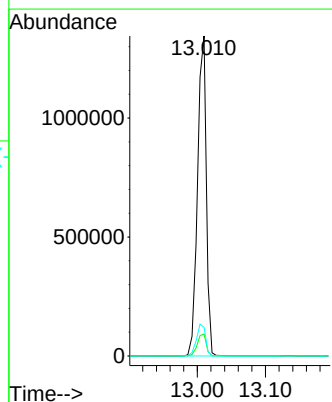
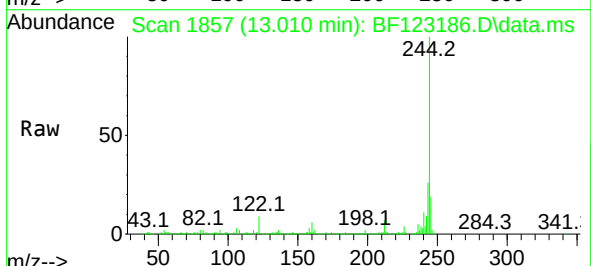
Tgt Ion:244 Resp: 1204294

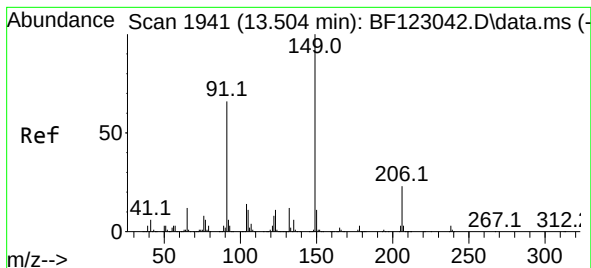
Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 8.9 8.3 12.5

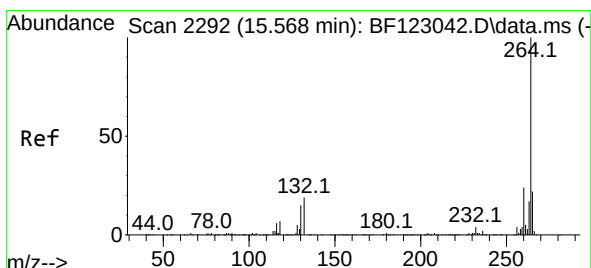
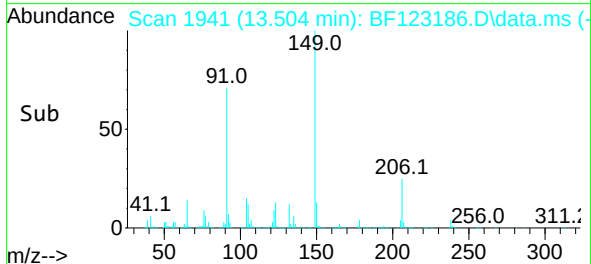
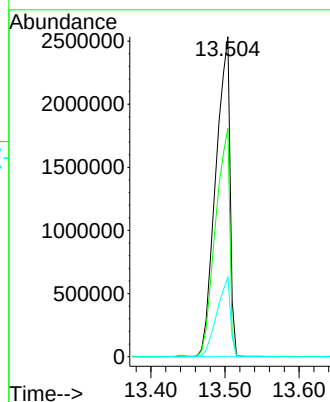
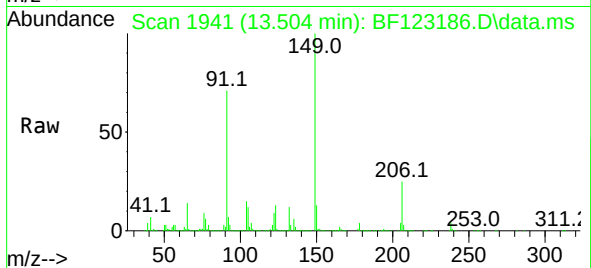




#80
Butylbenzylphthalate
Concen: 284.46 ng
RT: 13.504 min Scan# 1941
Delta R.T. 0.018 min
Lab File: BF123186.D
Acq: 11 Feb 2021 15:26

Instrument :
BNA_F
ClientSampleId :
INSIDE-SLAB

Tgt Ion:149 Resp: 3376662
Ion Ratio Lower Upper
149 100
91 71.4 56.5 84.7
206 24.8 17.0 25.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.551 min Scan# 2289
Delta R.T. -0.000 min
Lab File: BF123186.D
Acq: 11 Feb 2021 15:26

Tgt Ion:264 Resp: 343469
Ion Ratio Lower Upper
264 100
260 24.0 18.6 28.0
265 21.2 17.0 25.6

