

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032619\
 Data File : BF113307.D
 Acq On : 26 Mar 2019 22:50
 Operator : JU/SJ
 Sample : K2103-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-C02-SETTLED-2H-A

Quant Time: Mar 27 05:02:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	179233	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	631408	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	340876	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	656699	20.00	ng	0.00
76) Chrysene-d12	13.83	240	414426	20.00	ng	-0.01
87) Perylene-d12	15.23	264	452229	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	434856	39.67	ng	0.00
7) Phenol-d6	6.35	99	365709	26.37	ng	-0.01
23) Nitrobenzene-d5	7.26	82	999964	94.00	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	311232	73.92	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1776092	80.79	ng	0.00
79) Terphenyl-d14	12.79	244	1551803	82.53	ng	0.00

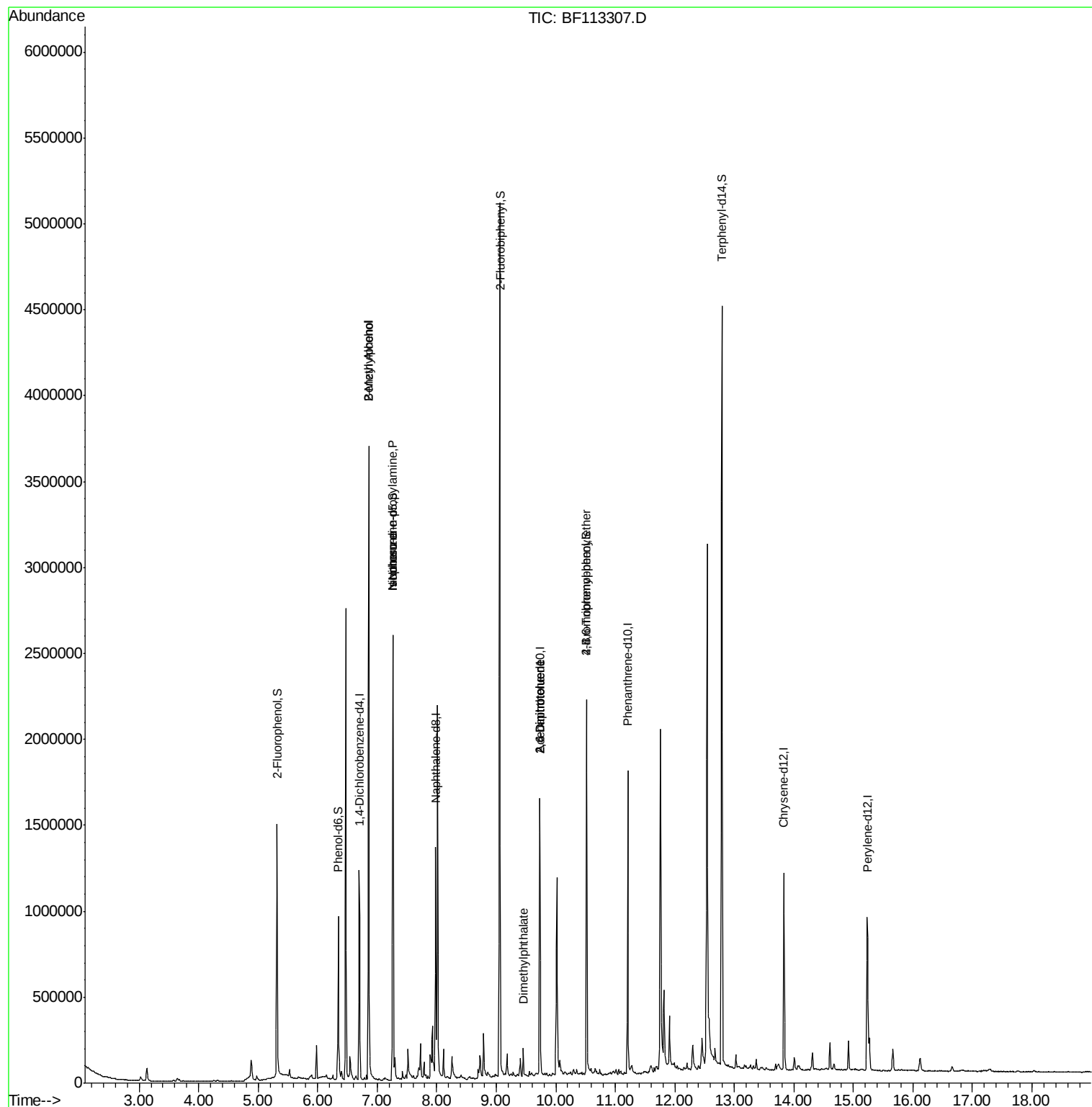
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.86	79	66960	7.320	ng	# 76
17) 2-Methylphenol	6.85	107	29823	2.990	ng	# 1
19) n-Nitroso-di-n-propylamine	7.26	70	131280	15.072	ng	# 77
20) 3+4-Methylphenols	7.13	107	5170	Below Cal		# 79
25) Isophorone	7.26	82	981901	47.628	ng	# 64
50) Dimethylphthalate	9.45	163	53889	2.133	ng	# 99
51) 2,6-Dinitrotoluene	9.73	165	43676	7.664	ng	# 27
57) 2,4-Dinitrotoluene	9.73	165	43676	6.026	ng	# 24
67) 4-Bromophenyl-phenylether	10.52	248	17578	2.456	ng	# 1

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

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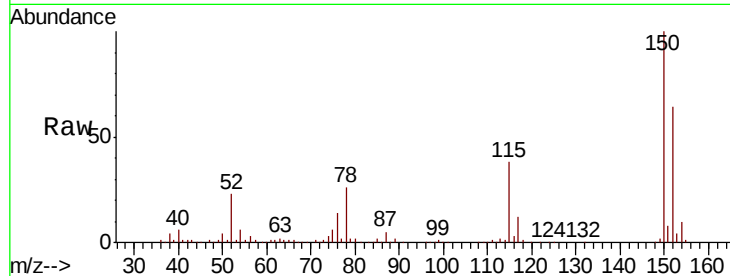


#1

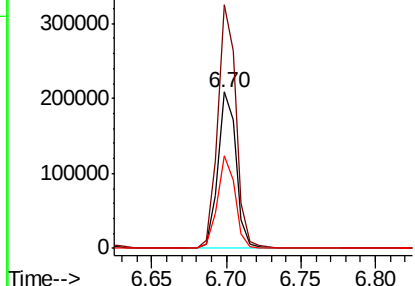
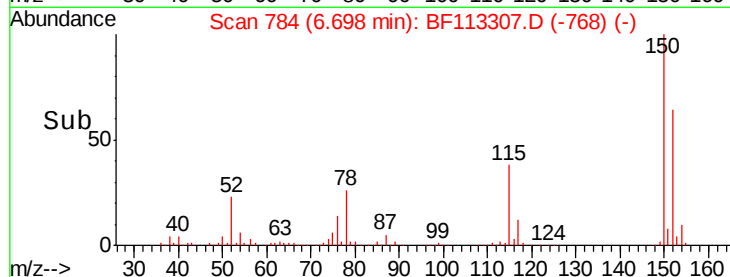
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF113307.D
 Acq: 26 Mar 2019 22:50

Instrument :
 BNA_F
 ClientSampleId :
 MH-C02-SETTLED-2H-A

Tgt Ion:152 Resp: 179233
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.7 187.1
 115 59.2 46.0 69.0



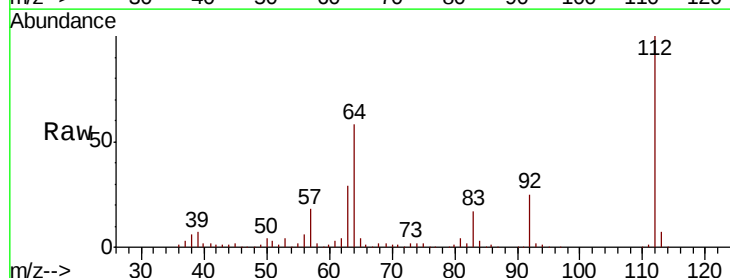
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



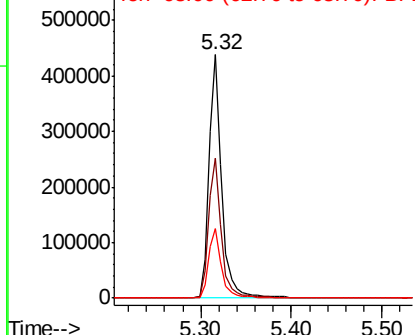
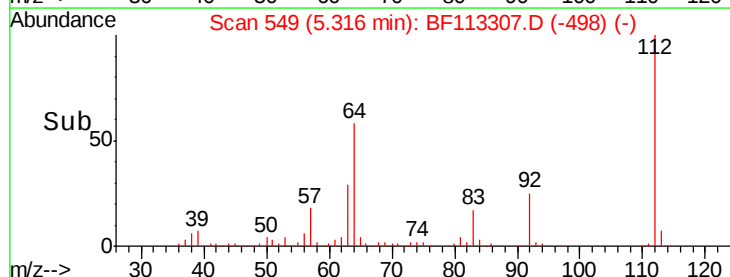
#5

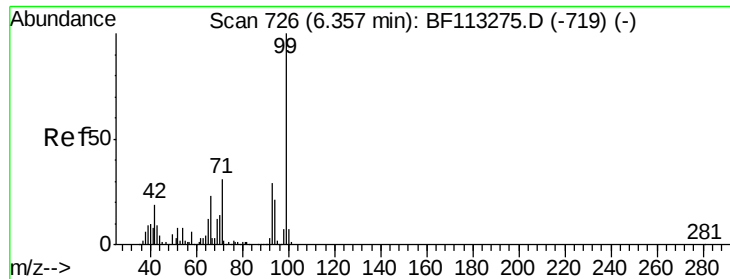
2-Fluorophenol
 Concen: 39.671 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF113307.D
 Acq: 26 Mar 2019 22:50

Tgt Ion:112 Resp: 434856
 Ion Ratio Lower Upper
 112 100
 64 57.7 49.2 73.8
 63 28.8 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 26.373 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF113307.D

Acq: 26 Mar 2019 22:50

Instrument :

BNA_F

ClientSampleId :

MH-C02-SETTLED-2H-A

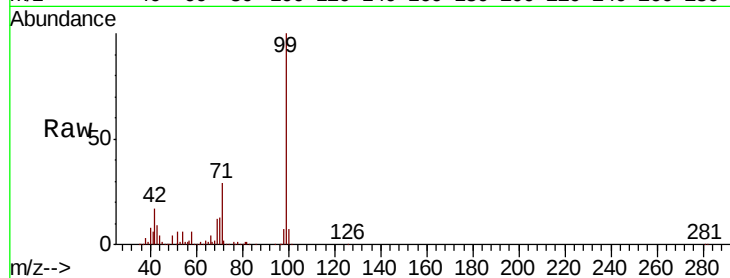
Tgt Ion: 99 Resp: 365709

Ion Ratio Lower Upper

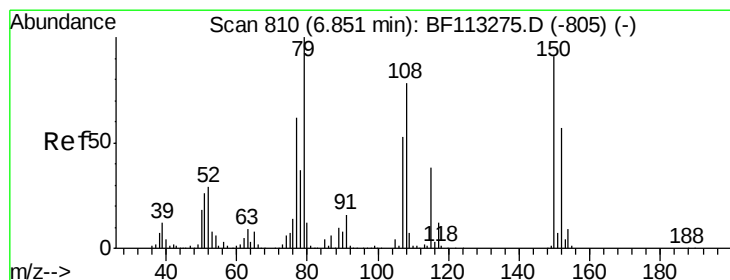
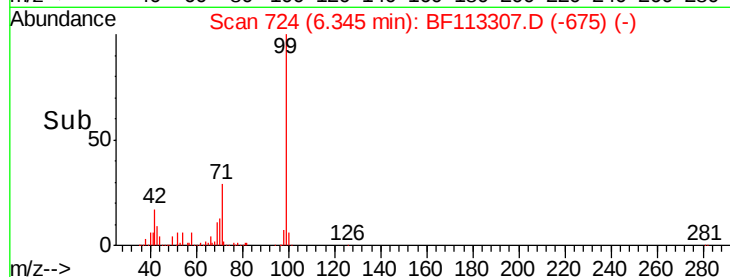
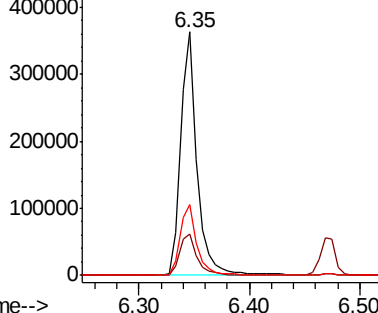
99 100

42 17.1 14.8 22.2

71 29.0 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#15

Benzyl Alcohol

Concen: 7.320 ng

RT: 6.86 min Scan# 811

Delta R.T. 0.01 min

Lab File: BF113307.D

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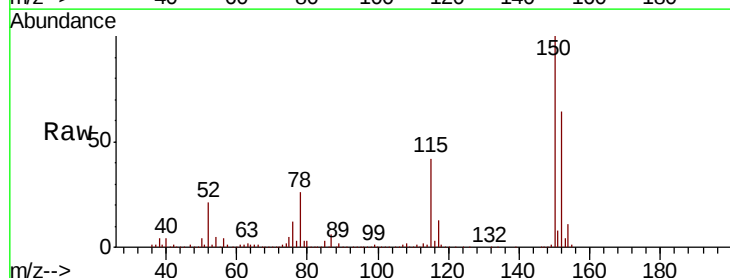
Tgt Ion: 79 Resp: 66960

Ion Ratio Lower Upper

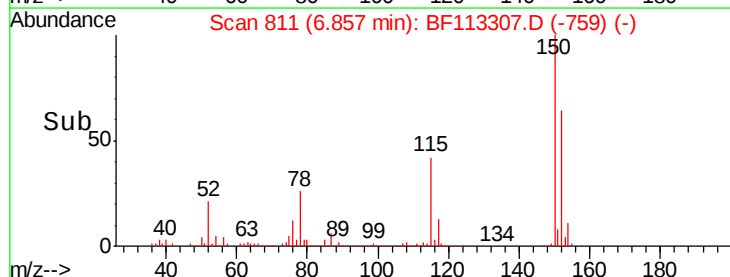
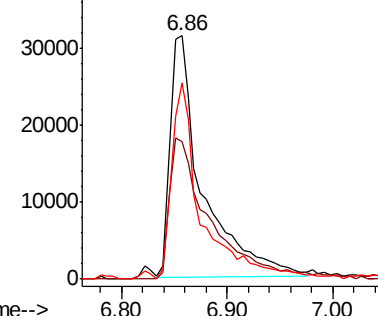
79 100

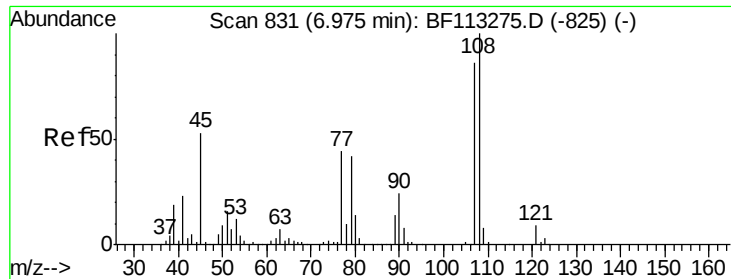
108 56.5 62.0 93.0#

77 80.7 49.9 74.9#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1

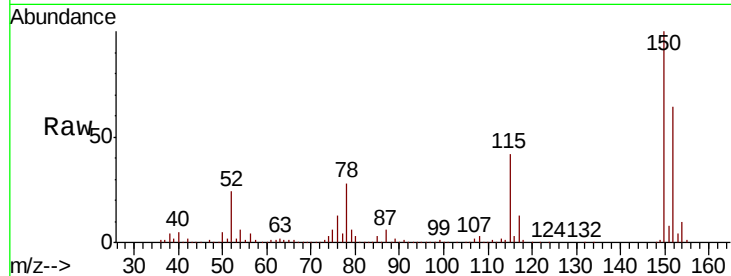




#17
2-Methylphenol
Concen: 2.990 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.12 min
Lab File: BF113307.D
Acq: 26 Mar 2019 22:50

Instrument :
BNA_F
ClientSampleId :
MH-C02-SETTLED-2H-A

Tgt Ion	Ratio	Lower	Upper
107	100		
108	161.7	93.4	140.0#
77	187.7	41.2	61.8#
79	275.5	40.1	60.1#



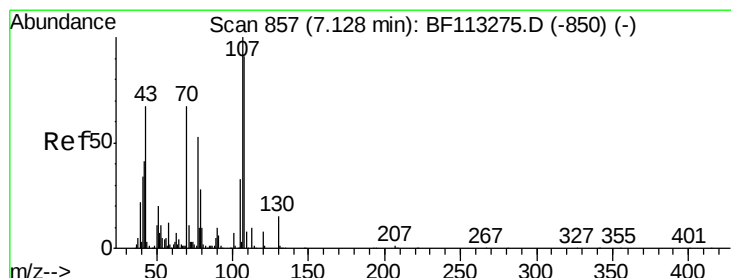
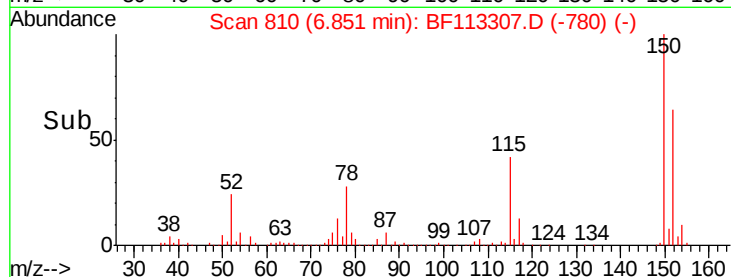
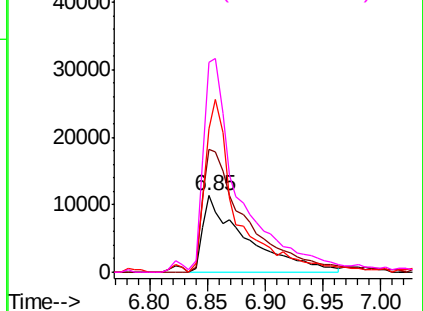
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

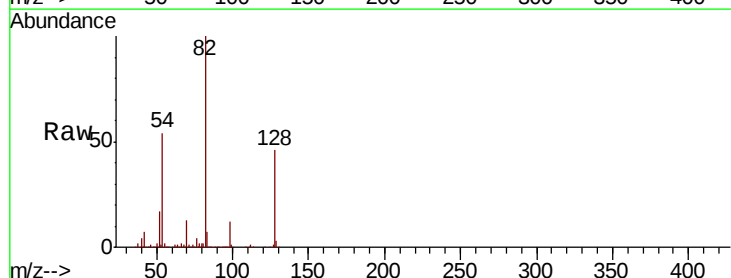
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#19
n-Nitroso-di-n-propylamine
Concen: 15.072 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.14 min
Lab File: BF113307.D
Acq: 26 Mar 2019 22:50

Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.7	48.4	72.6
101	0.0	7.8	11.8#
130	2.3	18.2	27.4#



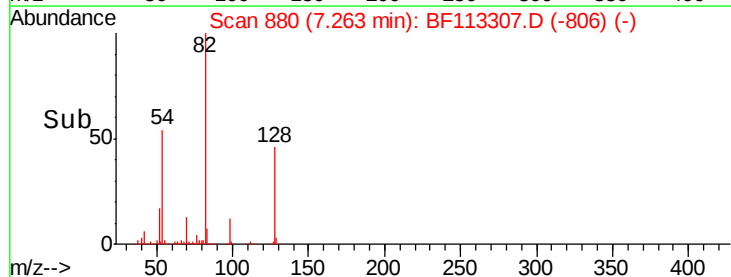
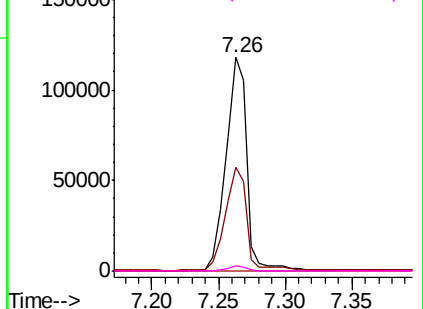
Abundance

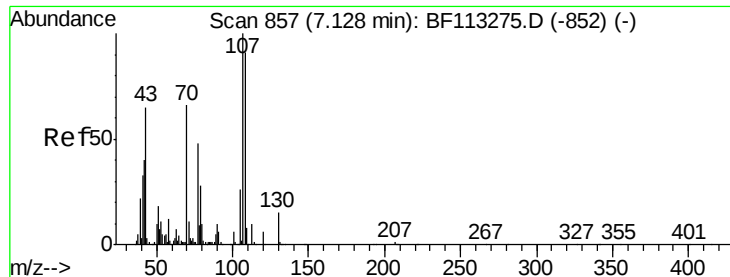
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

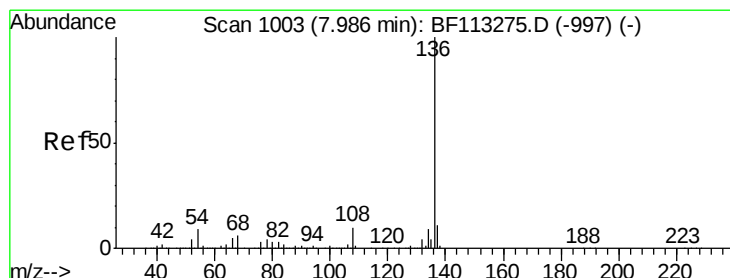
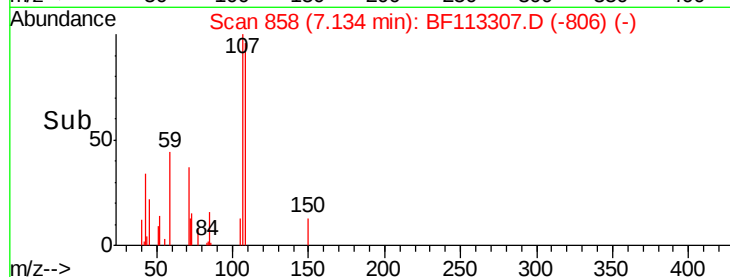
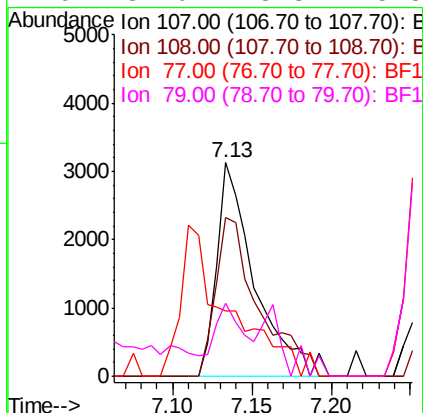
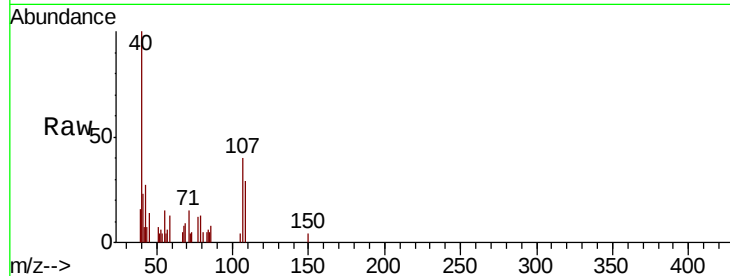




#20
 3+4-Methylphenols
 Concen: Below Cal
 RT: 7.13 min Scan# 858
 Delta R.T. 0.01 min
 Lab File: BF113307.D
 Acq: 26 Mar 2019 22:50

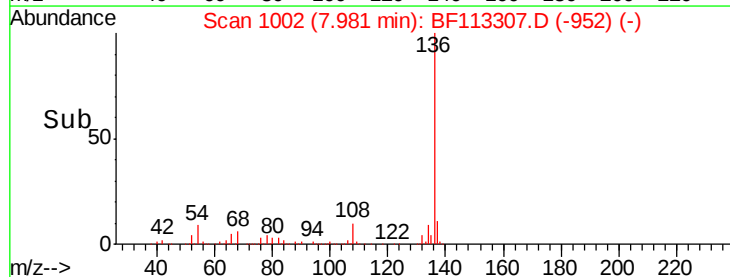
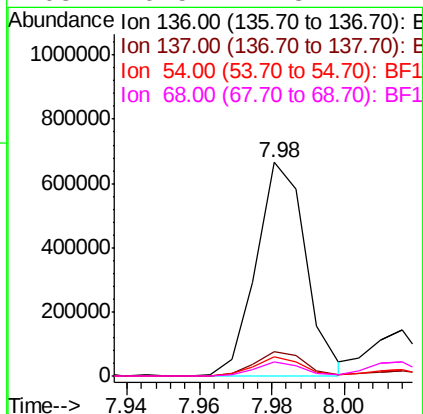
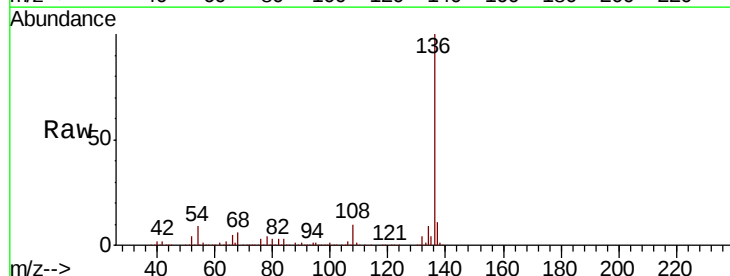
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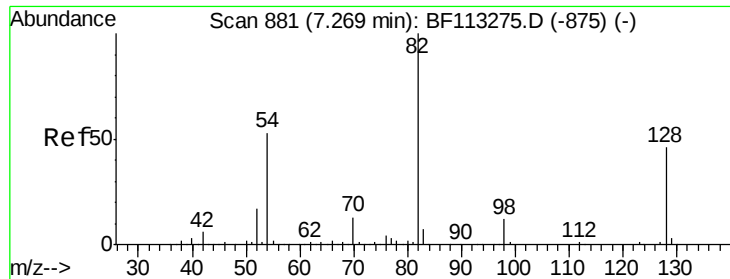
Tgt Ion:	107	Resp:	5170
Ion	Ratio	Lower	Upper
107	100		
108	74.4	71.4	111.4
77	30.7	33.5	73.5#
79	34.0	8.3	48.3



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BF113307.D
 Acq: 26 Mar 2019 22:50

Tgt Ion:	136	Resp:	631408
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.7	7.0	10.6
68	6.5	4.8	7.2

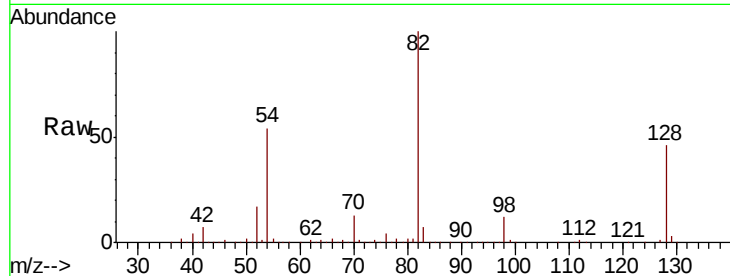




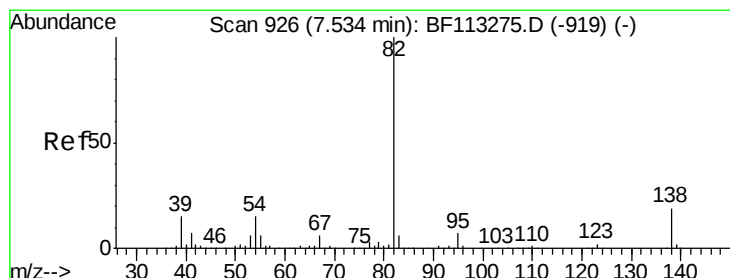
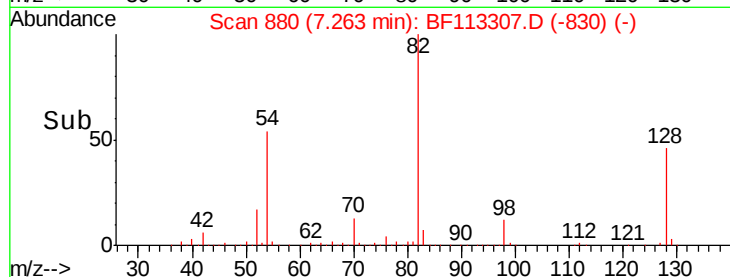
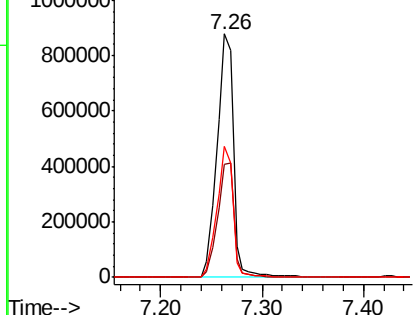
#23
Nitrobenzene-d5
Concen: 93.999 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF113307.D
Acq: 26 Mar 2019 22:50

Instrument :
BNA_F
ClientSampleId :
MH-C02-SETTLED-2H-A

Tgt Ion: 82 Resp: 999964
Ion Ratio Lower Upper
82 100
128 46.3 36.5 54.7
54 53.7 42.2 63.2

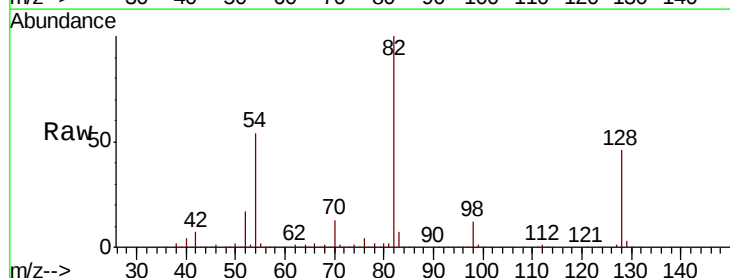


Abundance Ion 82.00 (81.70 to 82.70): BF1
1200000 Ion 128.00 (127.70 to 128.70): BF1
1000000 Ion 54.00 (53.70 to 54.70): BF1

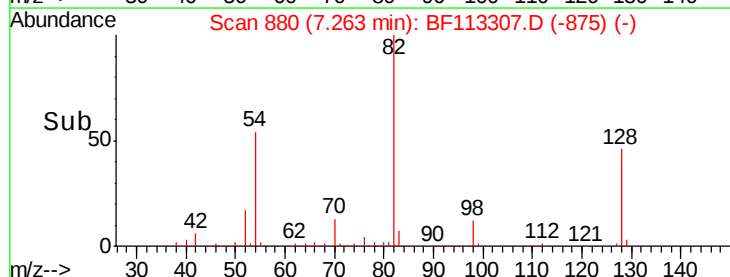
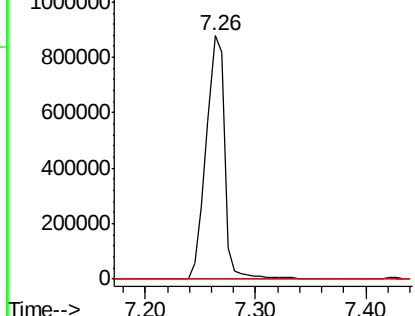


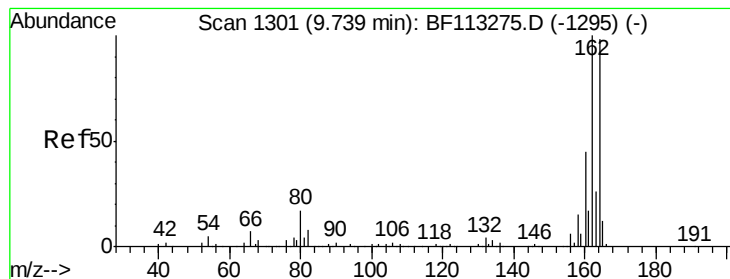
#25
Isophorone
Concen: 47.628 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.27 min
Lab File: BF113307.D
Acq: 26 Mar 2019 22:50

Tgt Ion: 82 Resp: 981901
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.2 22.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
1200000 Ion 95.00 (94.70 to 95.70): BF1
1000000 Ion 138.00 (137.70 to 138.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113307.D

Acq: 26 Mar 2019 22:50

Instrument :

BNA_F

ClientSampleId :

MH-C02-SETTLED-2H-A

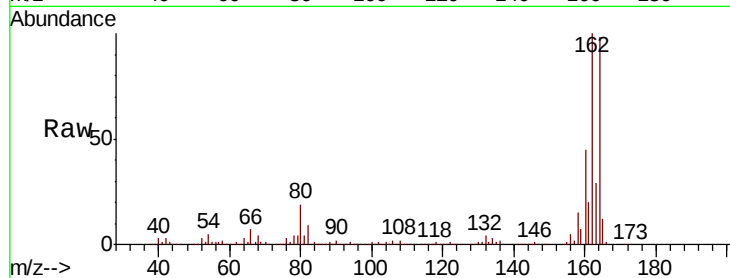
Tgt Ion:164 Resp: 340876

Ion Ratio Lower Upper

164 100

162 101.7 81.8 122.6

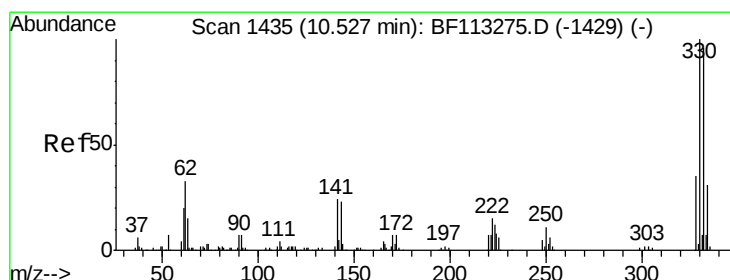
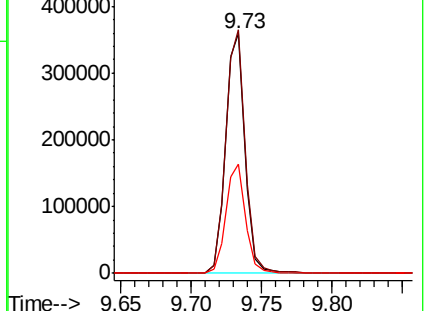
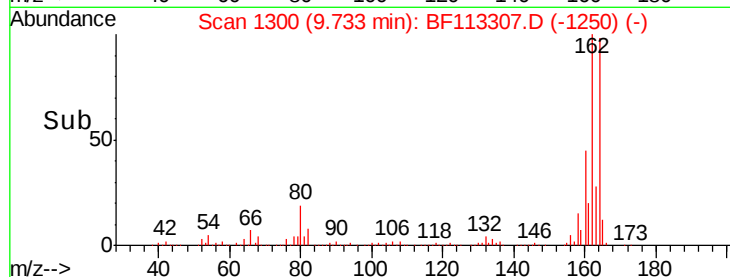
160 45.4 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 73.916 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113307.D

Acq: 26 Mar 2019 22:50

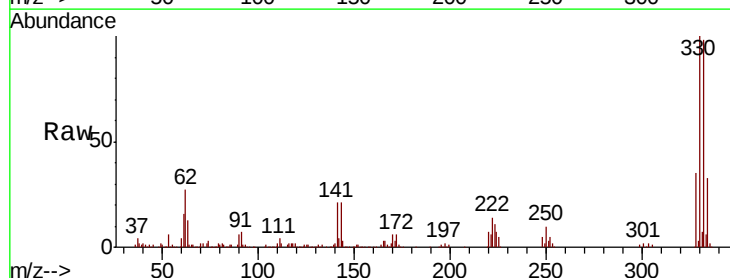
Tgt Ion:330 Resp: 311232

Ion Ratio Lower Upper

330 100

332 95.9 77.8 116.6

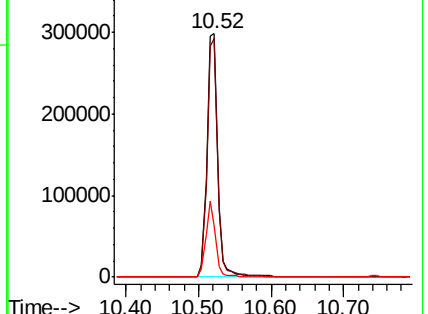
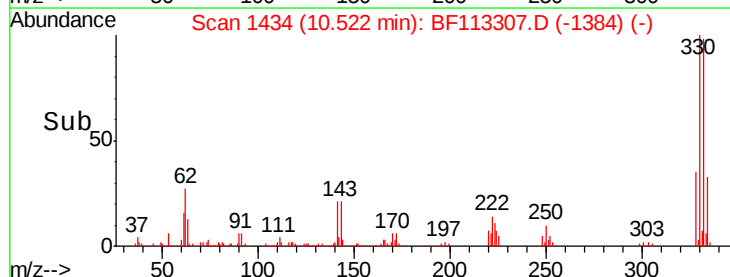
141 28.5 22.7 34.1

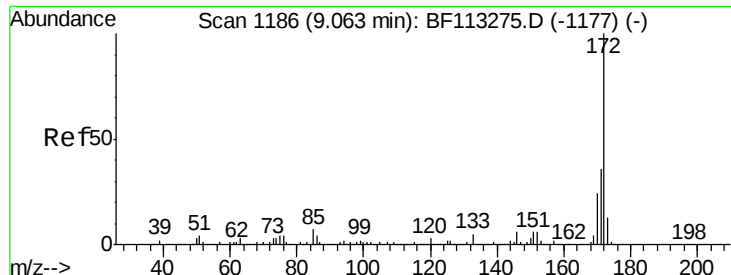


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

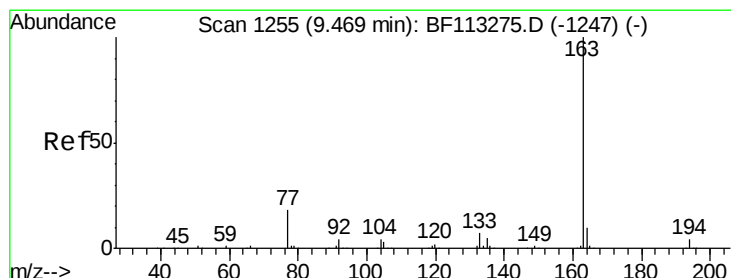
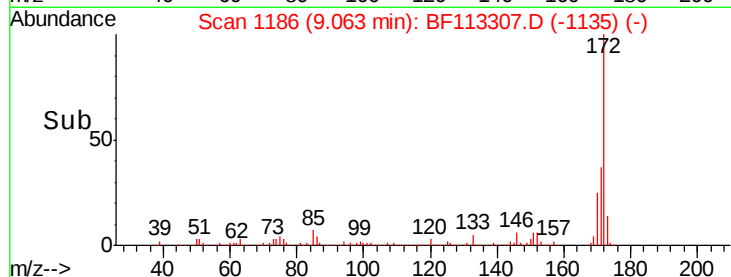
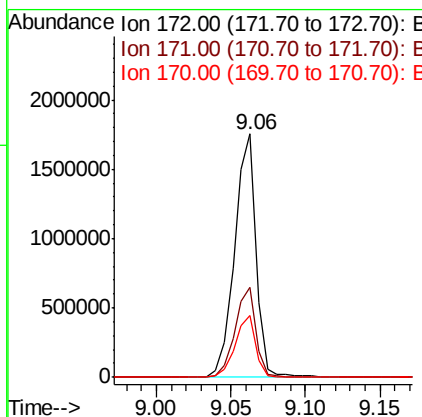
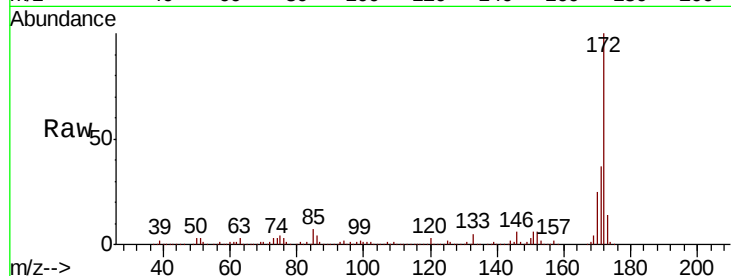




#45
 2-Fluorobiphenyl
 Concen: 80.792 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF113307.D
 Acq: 26 Mar 2019 22:50

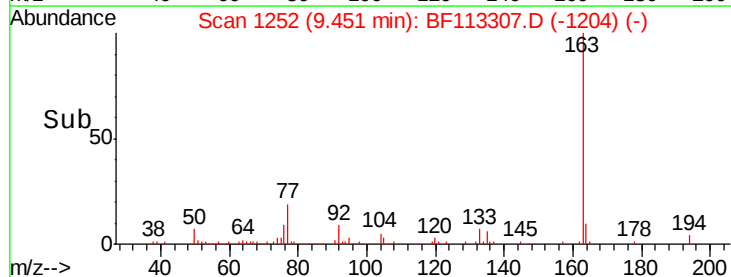
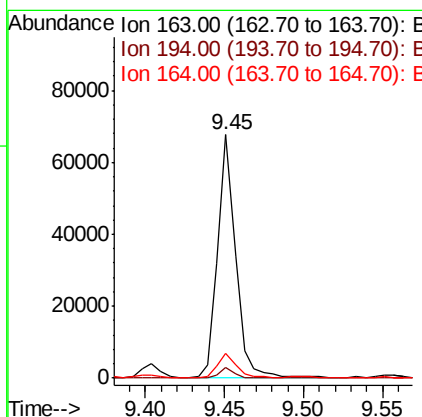
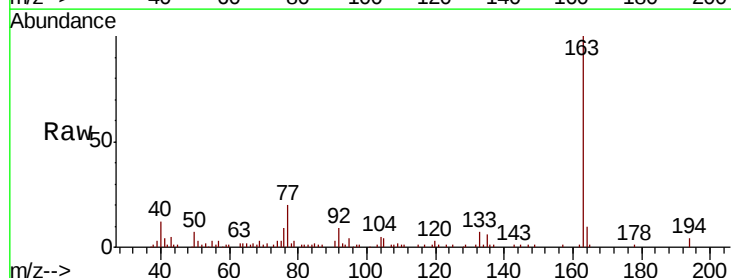
Instrument :
 BNA_F
 ClientSampleId :
 MH-C02-SETTLED-2H-A

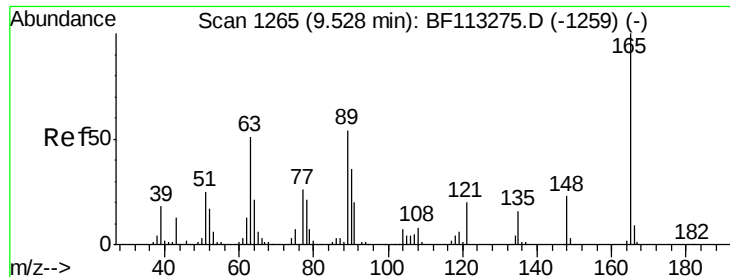
Tgt Ion:172 Resp: 1776092
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.0 43.6
 170 25.5 19.5 29.3



#50
 Dimethylphthalate
 Concen: 2.133 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF113307.D
 Acq: 26 Mar 2019 22:50

Tgt Ion:163 Resp: 53889
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.0 4.6
 164 10.3 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 7.664 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.21 min

Lab File: BF113307.D

Acq: 26 Mar 2019 22:50

Instrument :

BNA_F

ClientSampleId :

MH-C02-SETTLED-2H-A

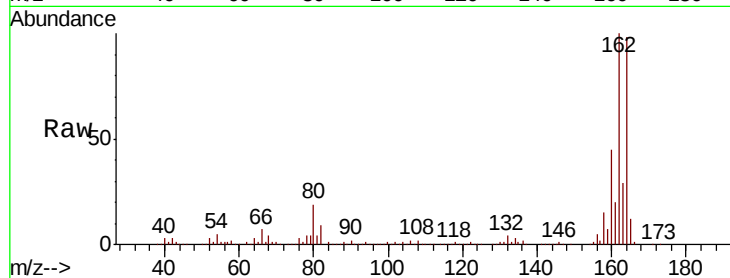
Tgt Ion:165 Resp: 43676

Ion Ratio Lower Upper

165 100

63 1.9 43.4 65.0#

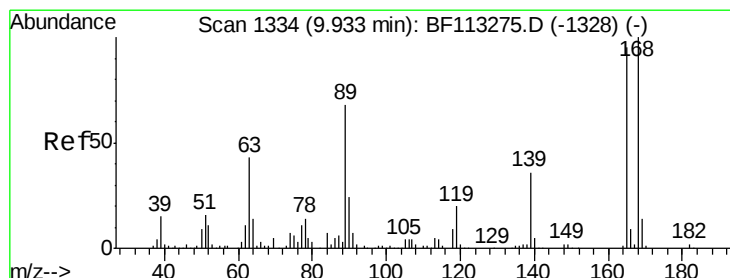
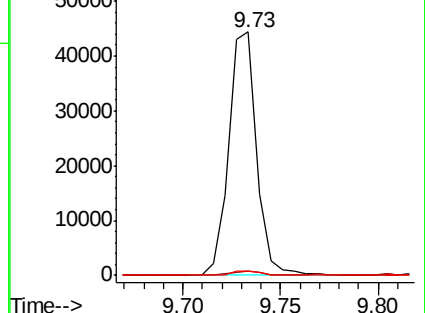
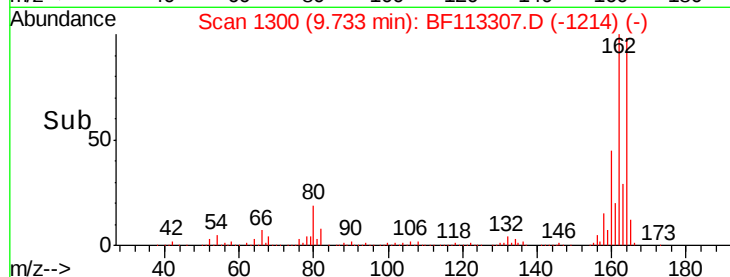
89 1.6 43.1 64.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#57

2,4-Dinitrotoluene

Concen: 6.026 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.20 min

Lab File: BF113307.D

Acq: 26 Mar 2019 22:50

Tgt Ion:165 Resp: 43676

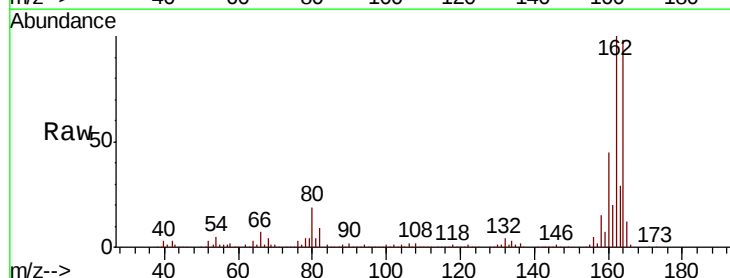
Ion Ratio Lower Upper

165 100

63 1.9 37.5 56.3#

89 1.6 57.4 86.2#

182 0.0 2.0 3.0#

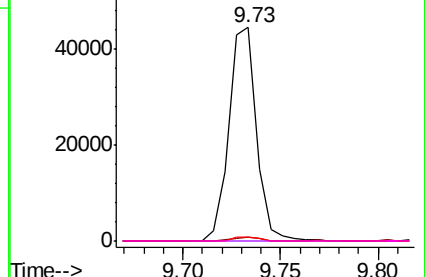
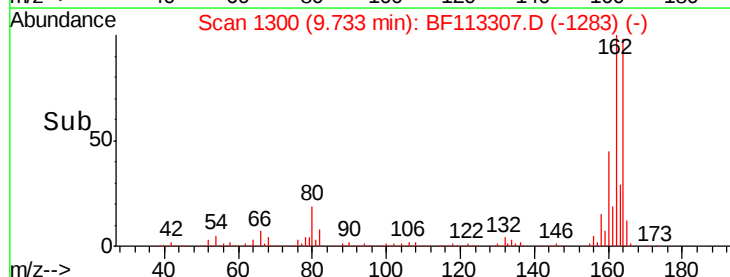


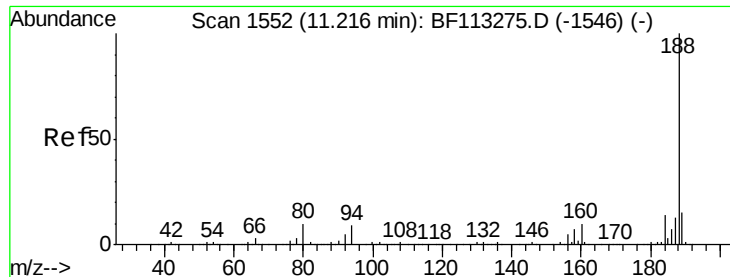
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

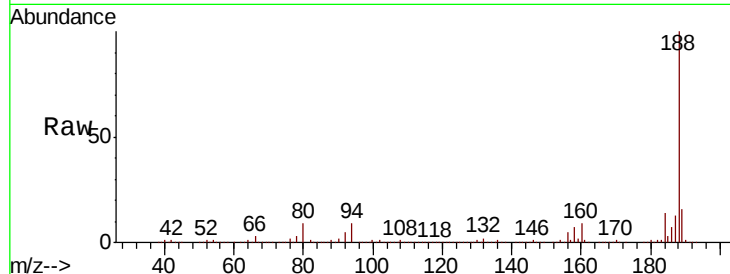




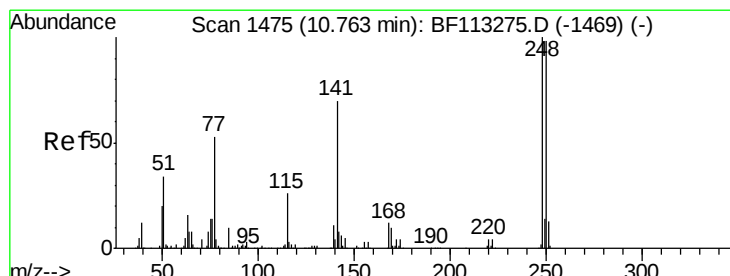
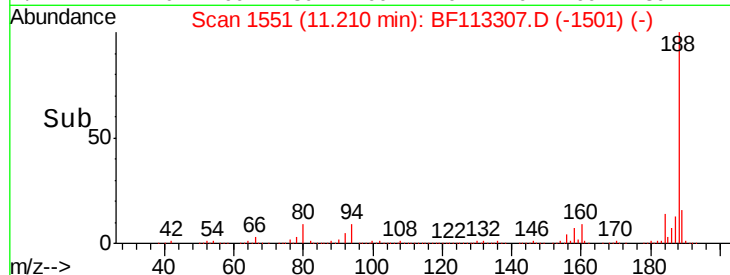
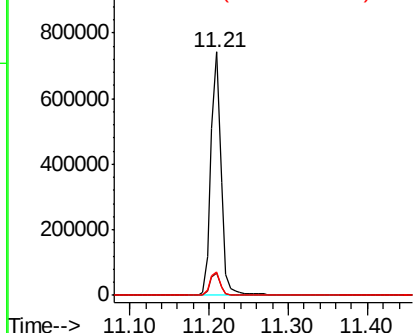
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113307.D
Acq: 26 Mar 2019 22:50

Instrument :
BNA_F
ClientSampleId :
MH-C02-SETTLED-2H-A

Tgt Ion:188 Resp: 656699
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 9.5 7.7 11.5

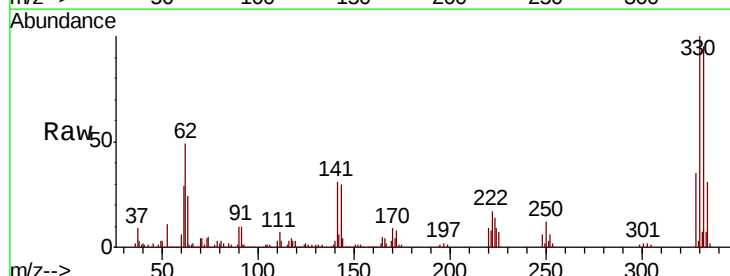


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

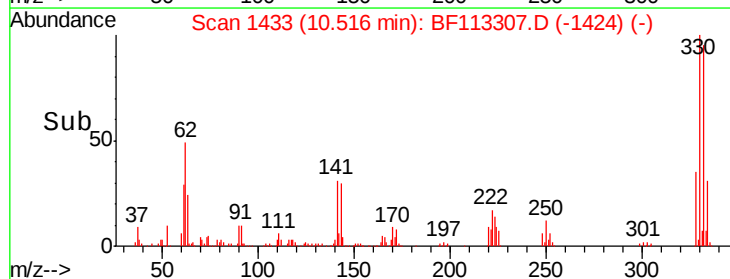
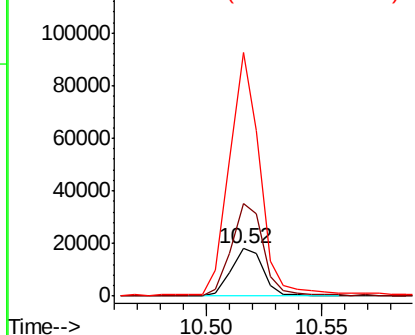


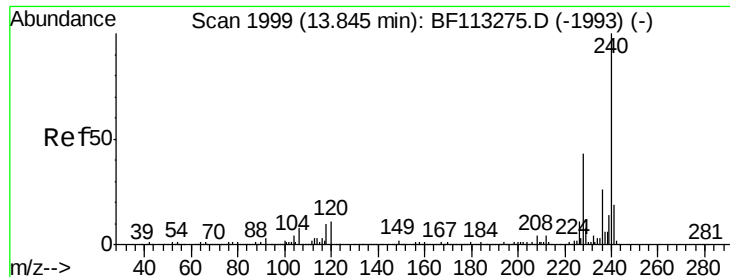
#67
4-Bromophenyl-phenylether
Concen: 2.456 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF113307.D
Acq: 26 Mar 2019 22:50

Tgt Ion:248 Resp: 17578
Ion Ratio Lower Upper
248 100
250 195.7 78.3 117.5#
141 514.5 56.2 84.4#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

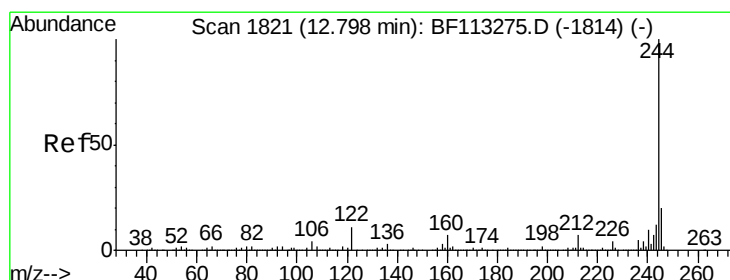
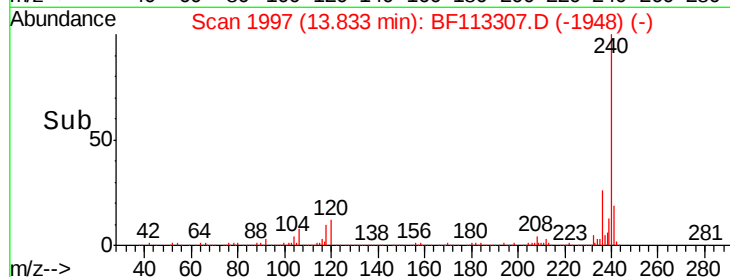
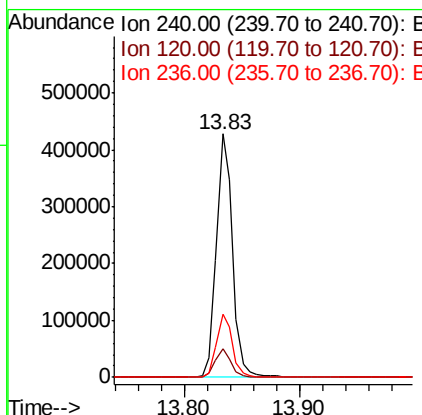
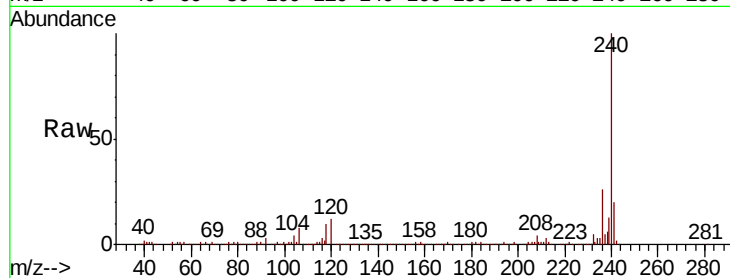




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF113307.D
Acq: 26 Mar 2019 22:50

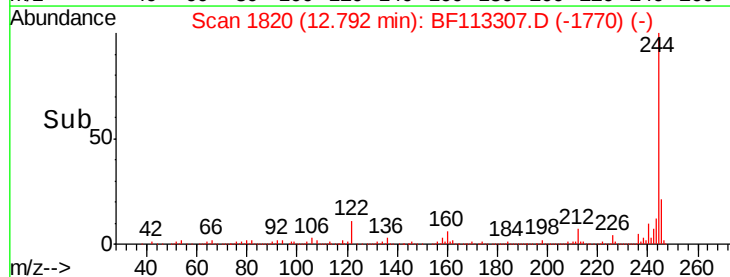
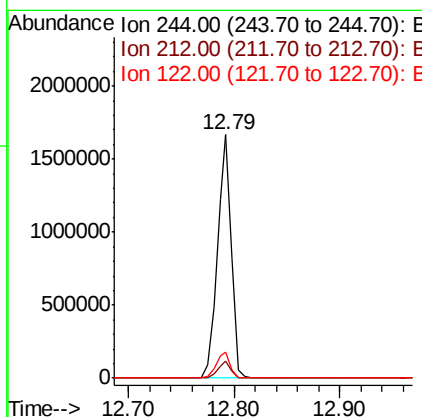
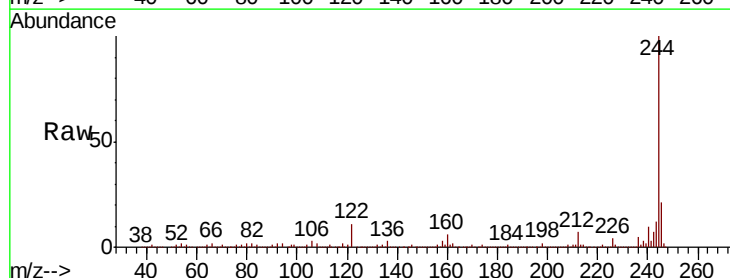
Instrument :
BNA_F
ClientSampleId :
MH-C02-SETTLED-2H-A

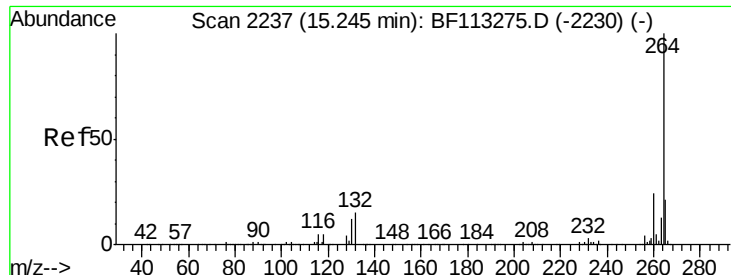
Tgt Ion:240 Resp: 414426
Ion Ratio Lower Upper
240 100
120 11.8 8.8 13.2
236 25.8 20.9 31.3



#79
Terphenyl-d14
Concen: 82.534 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BF113307.D
Acq: 26 Mar 2019 22:50

Tgt Ion:244 Resp: 1551803
Ion Ratio Lower Upper
244 100
212 6.9 5.5 8.3
122 10.6 8.6 13.0





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF113307.D
Acq: 26 Mar 2019 22:50

Instrument :
BNA_F
ClientSampleId :
MH-C02-SETTLED-2H-A

Tgt Ion: 264 Resp: 452229
Ion Ratio Lower Upper
264 100
260 23.4 19.1 28.7
265 21.8 17.1 25.7

