

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081318\
 Data File : BF108133.D
 Acq On : 13 Aug 2018 22:59
 Operator : JU/SJ
 Sample : J4449-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-PL-001

Quant Time: Aug 14 01:13:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

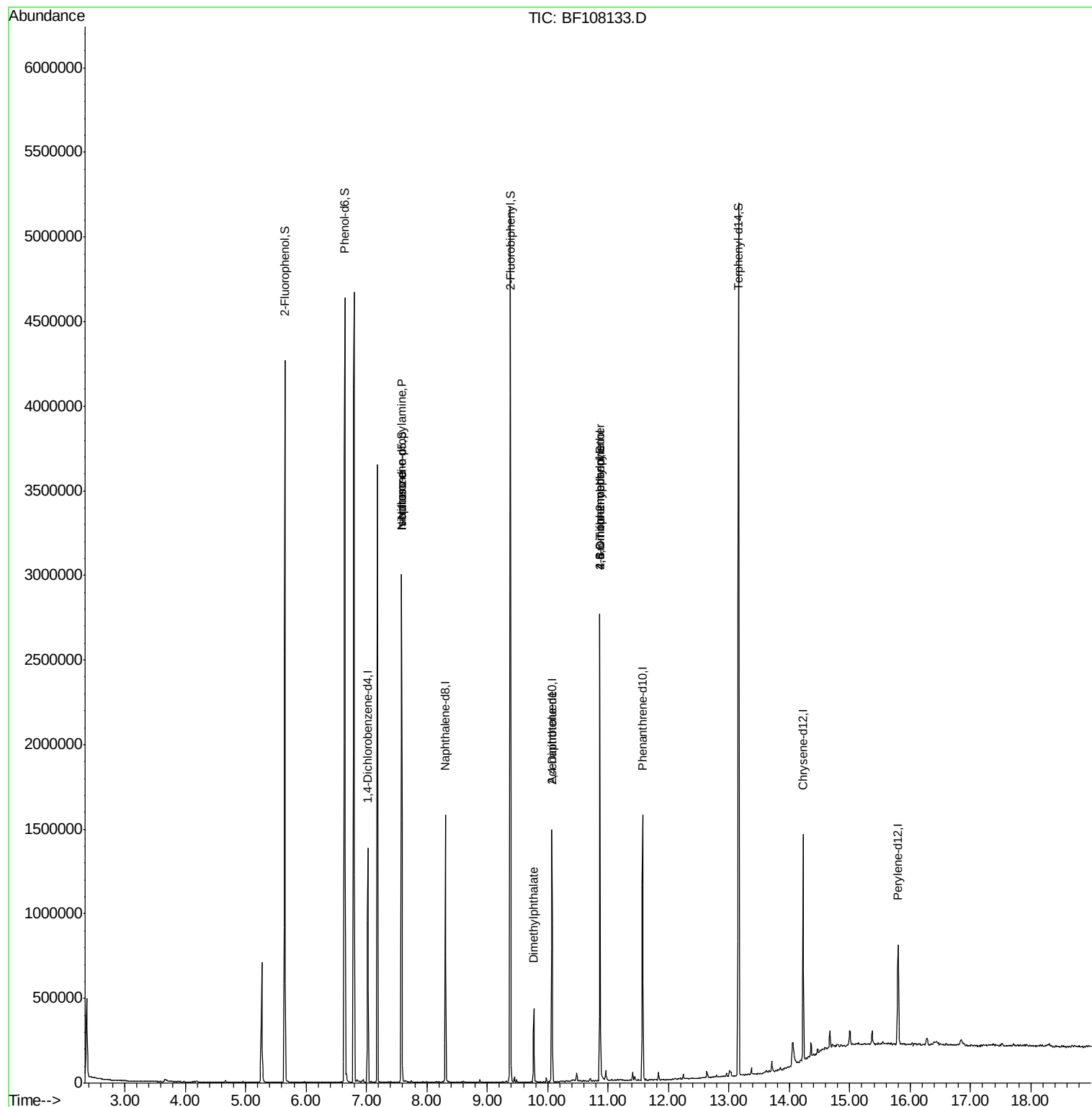
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	183335	20.00	ng	0.01
21) Naphthalene-d8	8.31	136	618228	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	268314	20.00	ng	0.00
63) Phenanthrene-d10	11.57	188	520229	20.00	ng	0.01
75) Chrysene-d12	14.23	240	440756	20.00	ng	0.01
86) Perylene-d12	15.80	264	289174	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	1124522	111.05	ng	0.02
7) Phenol-d6	6.64	99	1445561	107.42	ng	0.01
23) Nitrobenzene-d5	7.58	82	903627	81.56	ng	0.00
41) 2,4,6-Tribromophenol	10.87	330	310730	116.10	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1556438	93.13	ng	0.00
78) Terphenyl-d14	13.16	244	1693579	97.70	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.58	70	120752	13.270	ng	# 87
25) Isophorone	7.58	82	903615	42.791	ng	# 64
49) Dimethylphthalate	9.77	163	154791	8.282	ng	# 97
56) 2,4-Dinitrotoluene	10.07	165	35190	6.991	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.87	198	722	5.687	ng	# 1
66) 4-Bromophenyl-phenylether	10.87	248	19911	3.522	ng	# 1

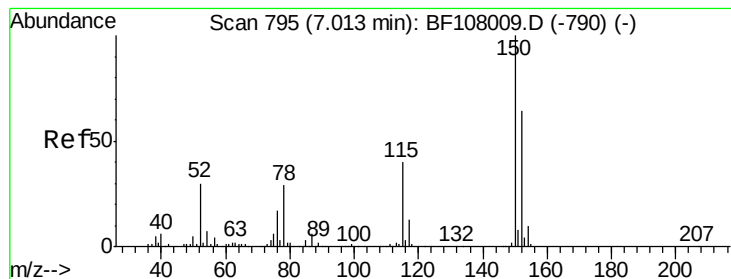
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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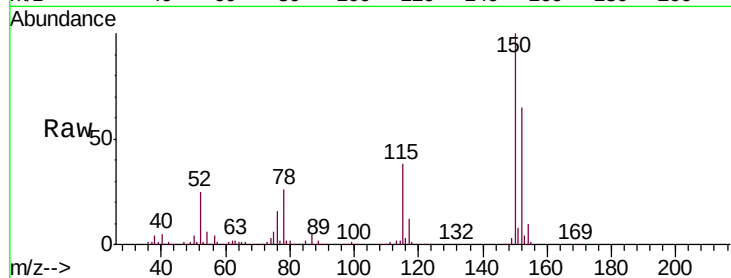


#1

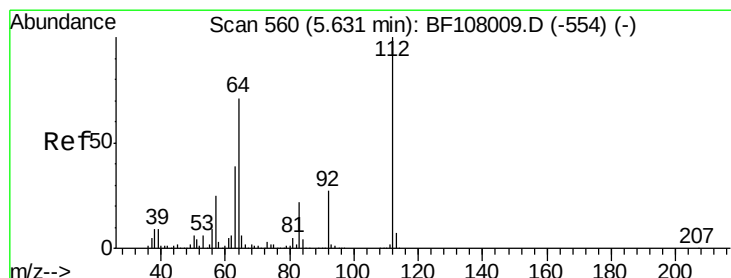
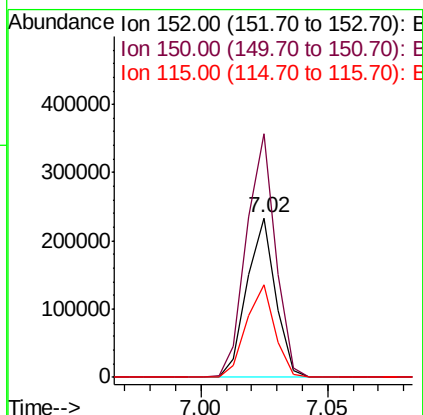
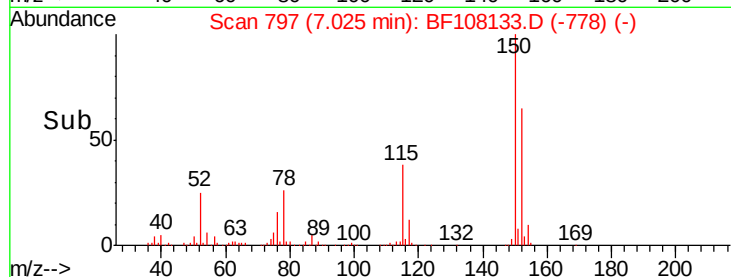
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF108133.D
Acq: 13 Aug 2018 22:59

Instrument :
BNA_F
ClientSampleId :
TILCON-PL-001

Tgt Ion:152 Resp: 183335
Ion Ratio Lower Upper
152 100
150 152.7 124.6 186.8
115 57.9 50.1 75.1



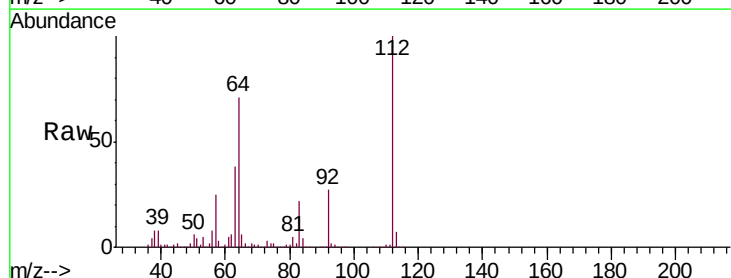
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



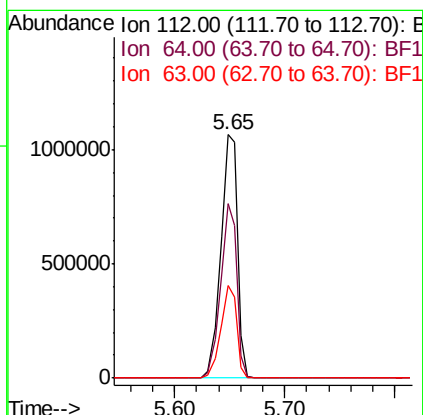
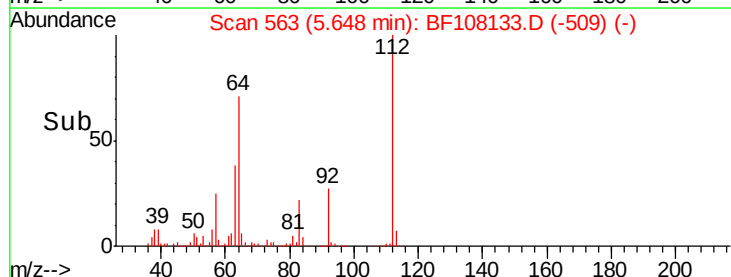
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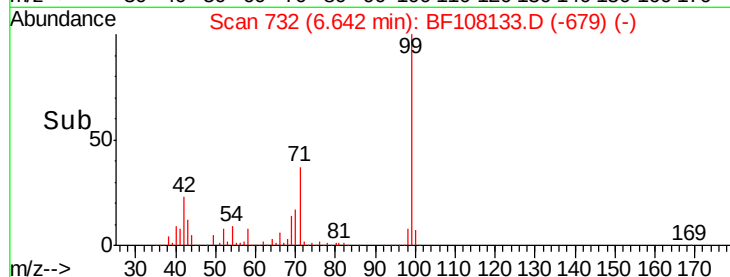
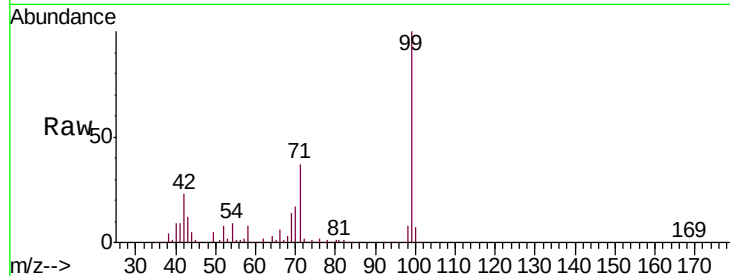
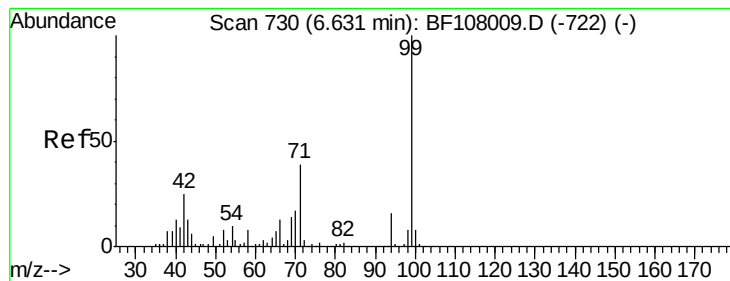
2-Fluorophenol
Concen: 111.048 ng
RT: 5.65 min Scan# 563
Delta R.T. 0.02 min
Lab File: BF108133.D
Acq: 13 Aug 2018 22:59

Tgt Ion:112 Resp: 1124522
Ion Ratio Lower Upper
112 100
64 71.5 47.9 71.9
63 38.3 23.7 35.5#



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: 107.423 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108133.D

Acq: 13 Aug 2018 22:59

Instrument :

BNA_F

ClientSampleId :

TILCON-PL-001

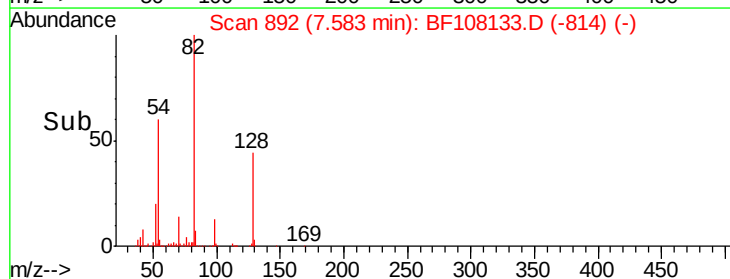
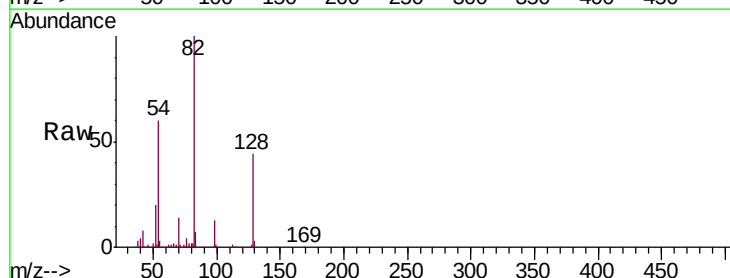
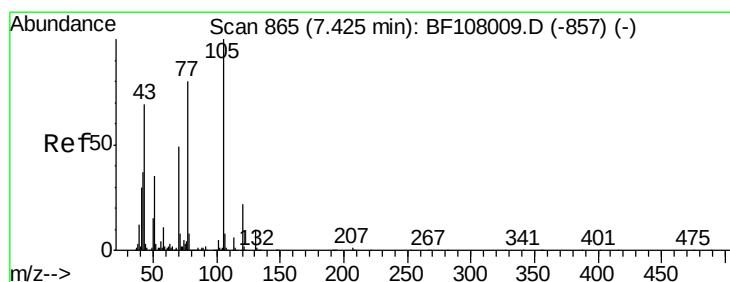
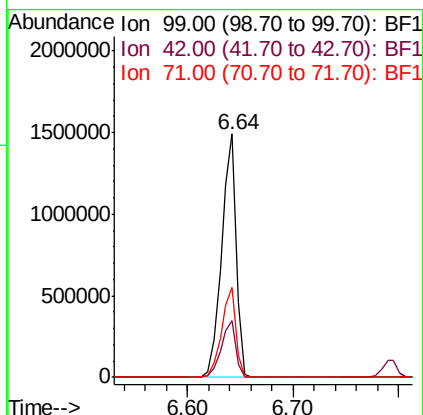
Tgt Ion: 99 Resp: 1445561

Ion Ratio Lower Upper

99 100

42 23.4 14.5 21.7#

71 37.1 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.270 ng

RT: 7.58 min Scan# 892

Delta R.T. 0.16 min

Lab File: BF108133.D

Acq: 13 Aug 2018 22:59

Tgt Ion: 70 Resp: 120752

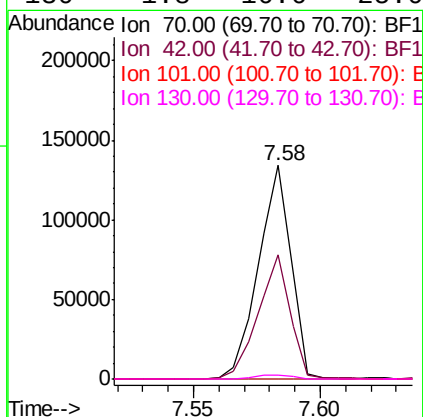
Ion Ratio Lower Upper

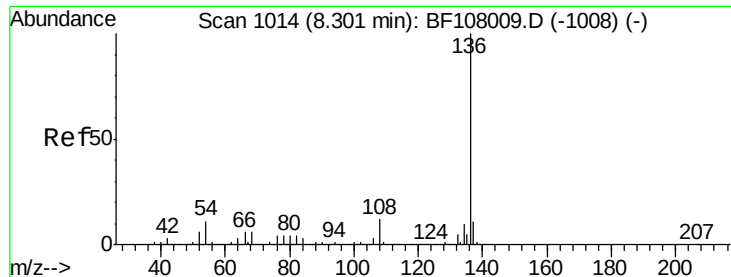
70 100

42 58.2 47.5 71.3

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

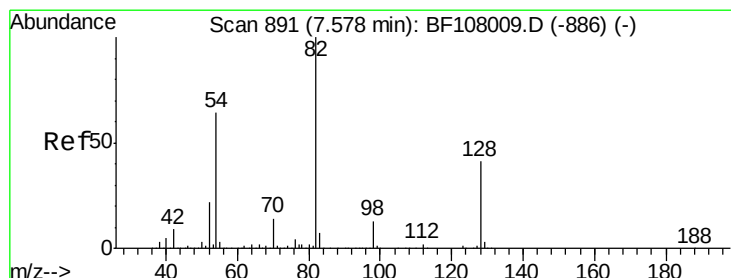
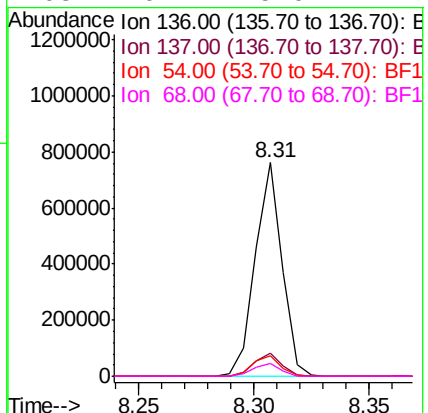
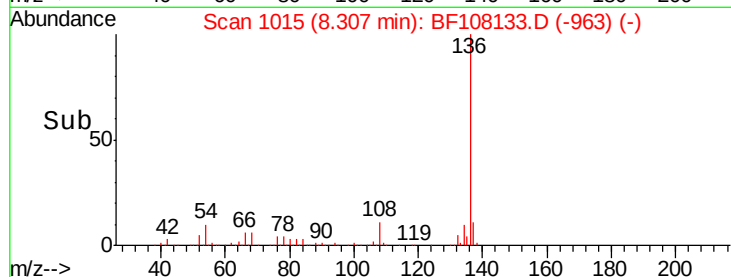
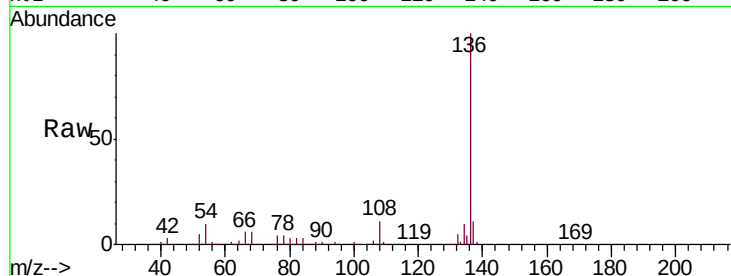




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.31 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF108133.D
Acq: 13 Aug 2018 22:59

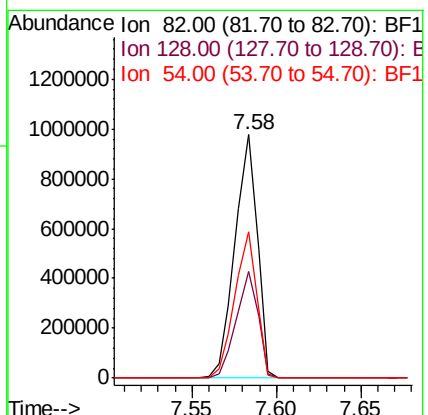
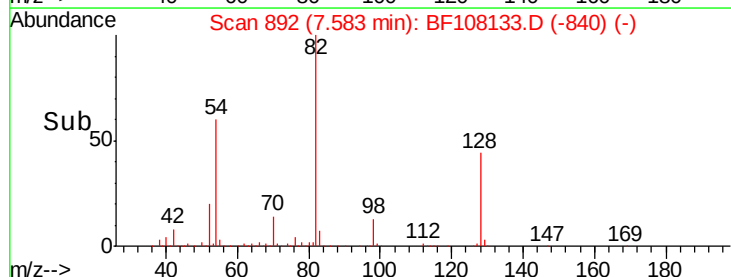
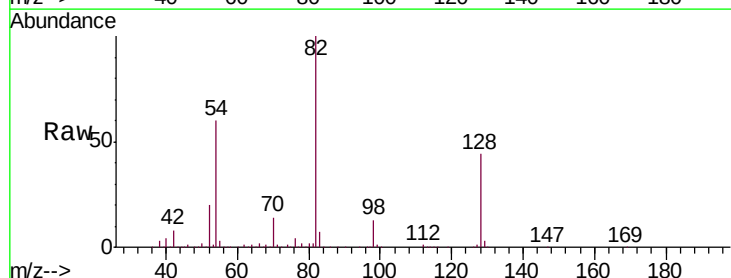
Instrument :
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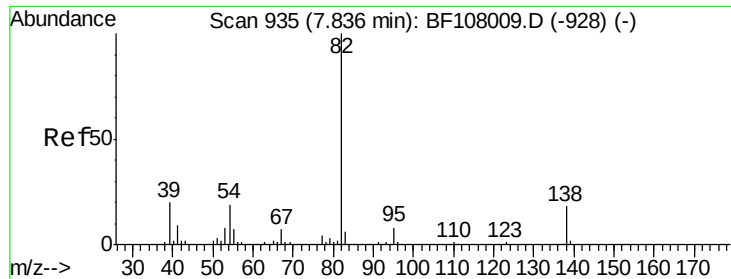
Tgt Ion:	136	Resp:	618228
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.7	6.6	9.8
68	6.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 81.562 ng
RT: 7.58 min Scan# 892
Delta R.T. 0.01 min
Lab File: BF108133.D
Acq: 13 Aug 2018 22:59

Tgt Ion:	82	Resp:	903627
Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	59.9	41.4	62.2





#25

Isophorone

Concen: 42.791 ng

RT: 7.58 min Scan# 892

Delta R.T. -0.25 min

Lab File: BF108133.D

Acq: 13 Aug 2018 22:59

Instrument :

BNA_F

ClientSampleId :

TILCON-PL-001

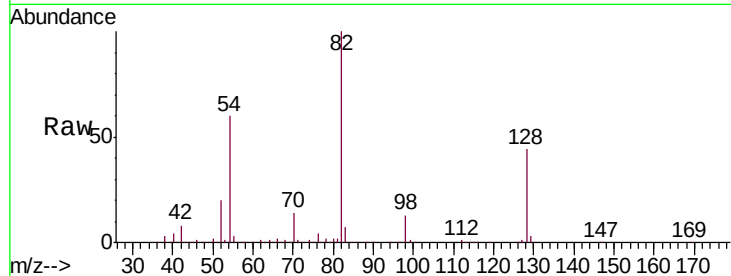
Tgt Ion: 82 Resp: 903615

Ion Ratio Lower Upper

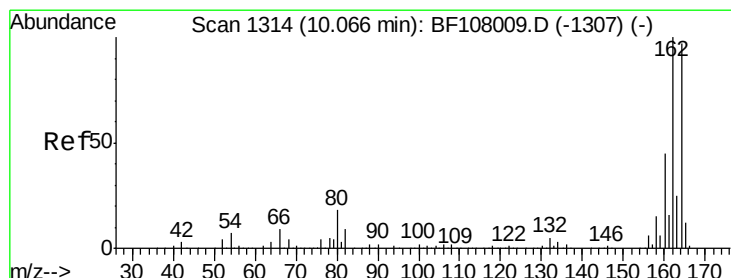
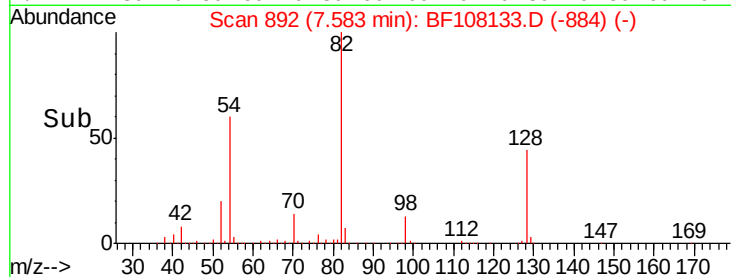
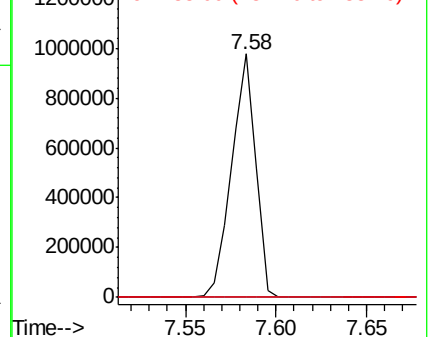
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.07 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF108133.D

Acq: 13 Aug 2018 22:59

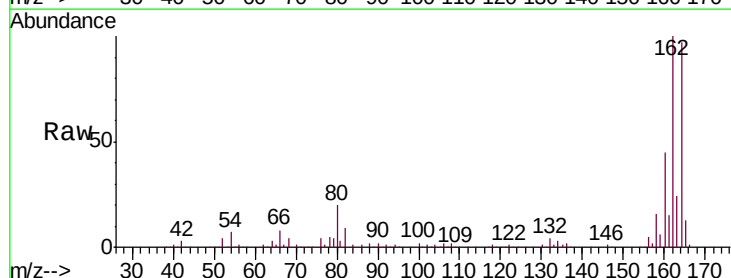
Tgt Ion: 164 Resp: 268314

Ion Ratio Lower Upper

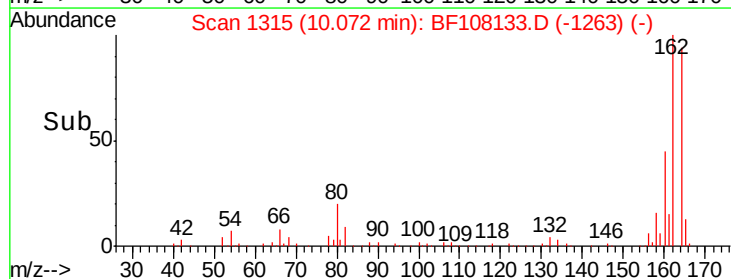
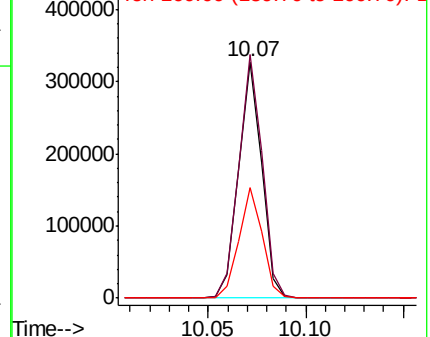
164 100

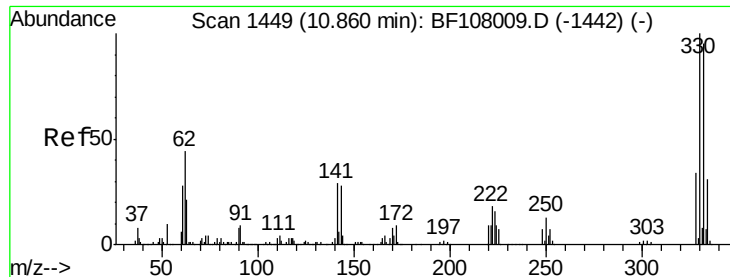
162 103.0 86.1 129.1

160 46.7 38.3 57.5



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

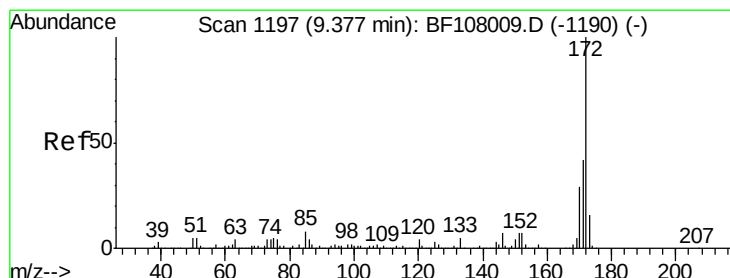
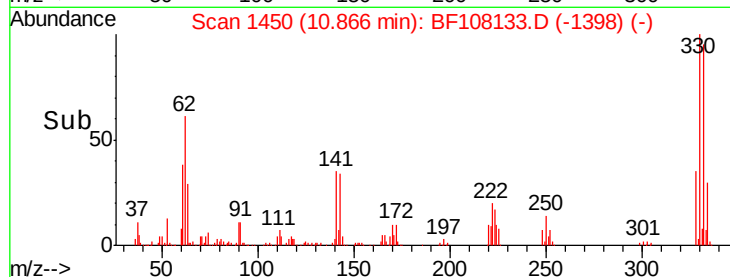
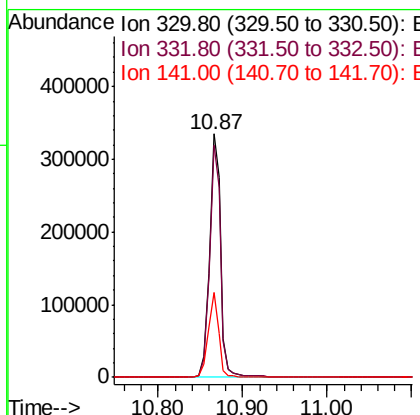
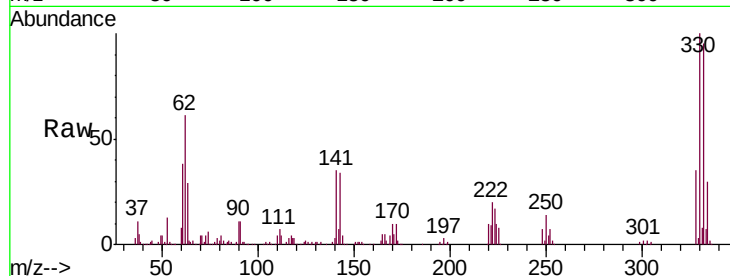




#41
 2,4,6-Tribromophenol
 Concen: 116.102 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF108133.D
 Acq: 13 Aug 2018 22:59

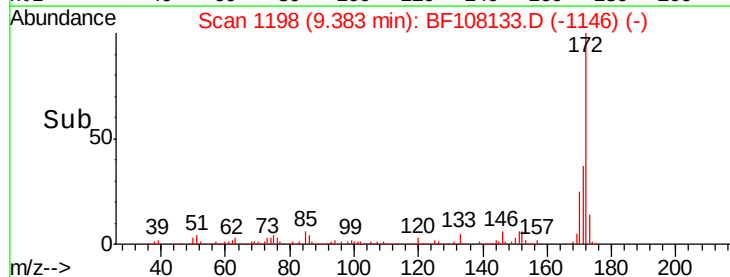
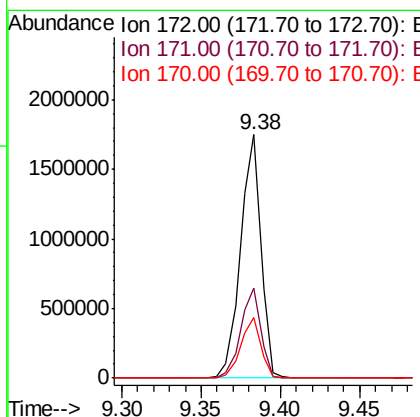
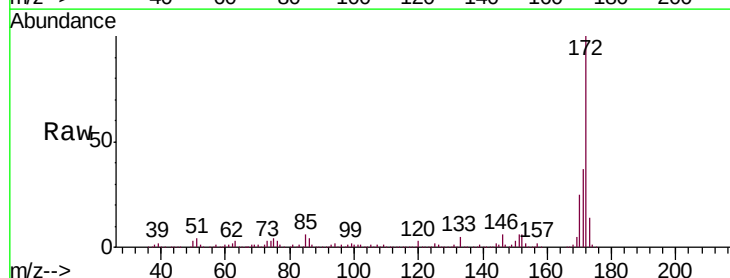
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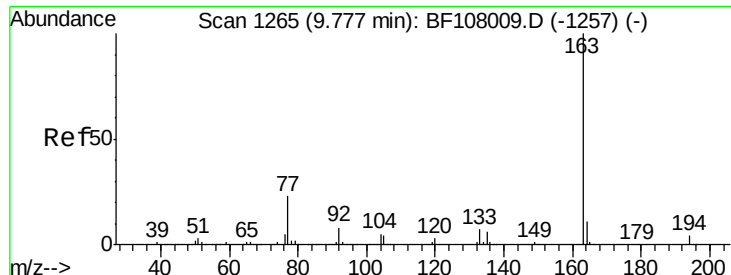
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	32.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 93.130 ng
 RT: 9.38 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF108133.D
 Acq: 13 Aug 2018 22:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.7	44.5
170	25.1	19.6	29.4

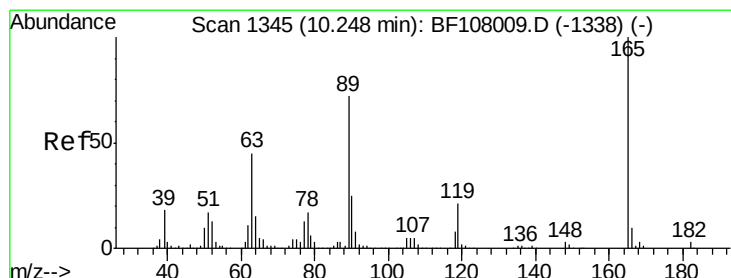
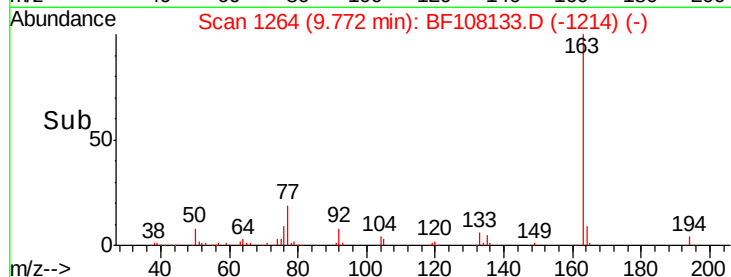
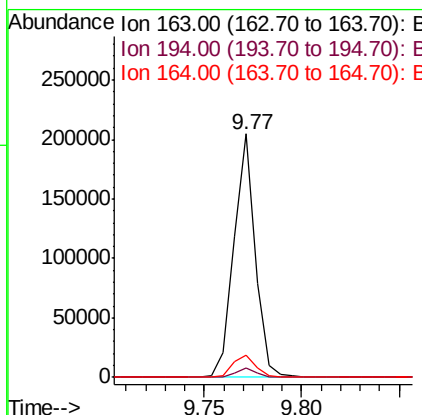
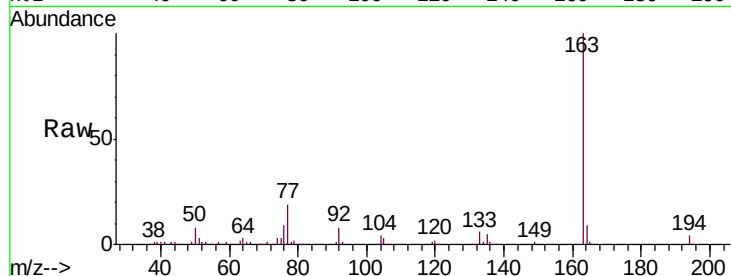




#49
 Dimethylphthalate
 Concen: 8.282 ng
 RT: 9.77 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BF108133.D
 Acq: 13 Aug 2018 22:59

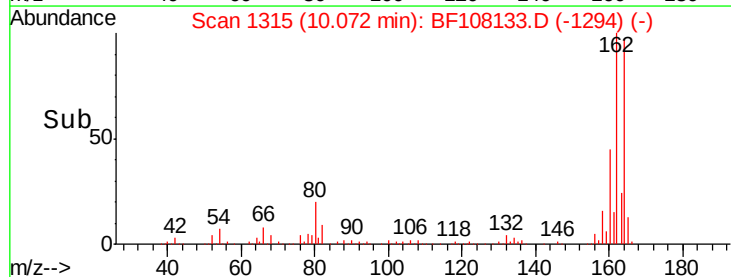
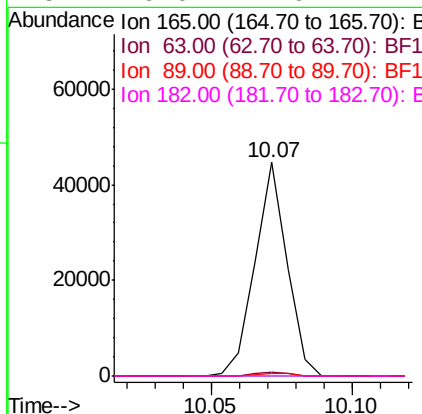
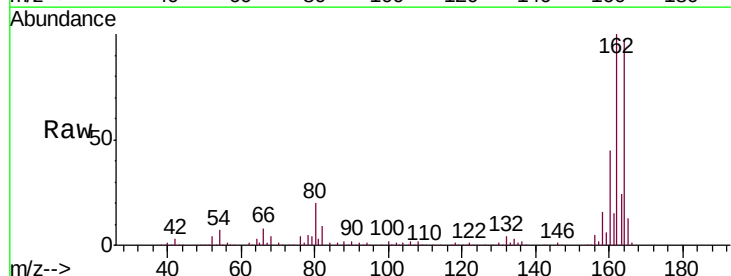
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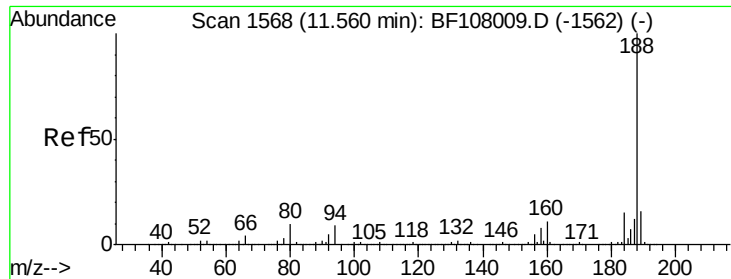
Tgt Ion:	163	Resp:	154791
Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	8.9	8.2	12.2



#56
 2,4-Dinitrotoluene
 Concen: 6.991 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. -0.18 min
 Lab File: BF108133.D
 Acq: 13 Aug 2018 22:59

Tgt Ion:	165	Resp:	35190
Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

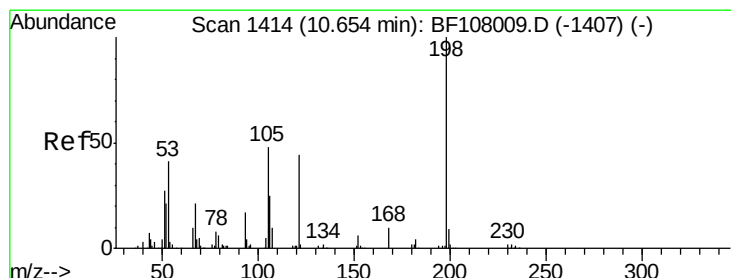
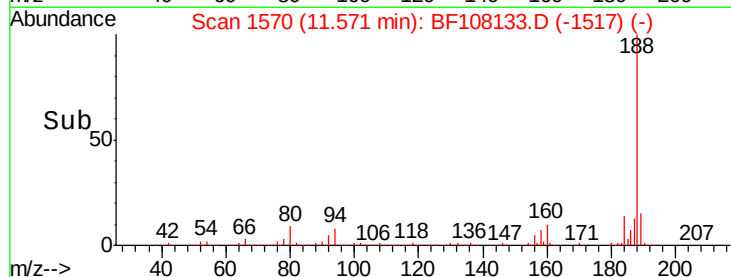
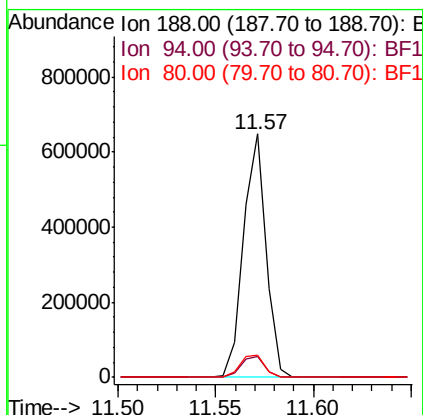
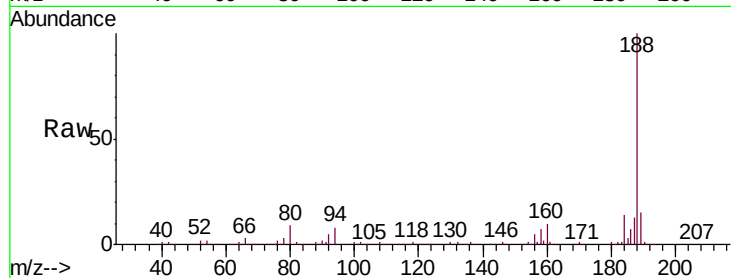




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.57 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF108133.D
Acq: 13 Aug 2018 22:59

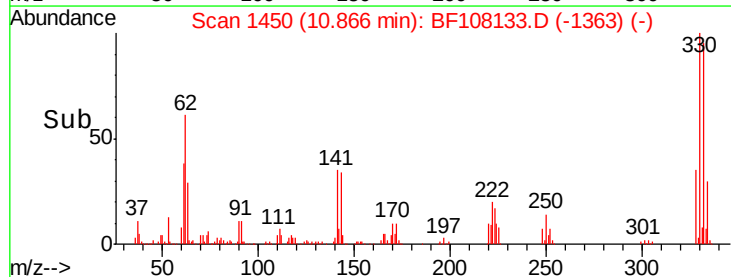
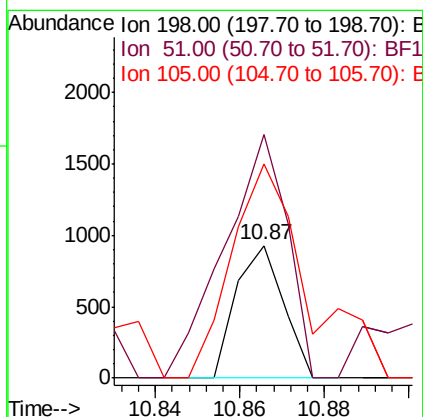
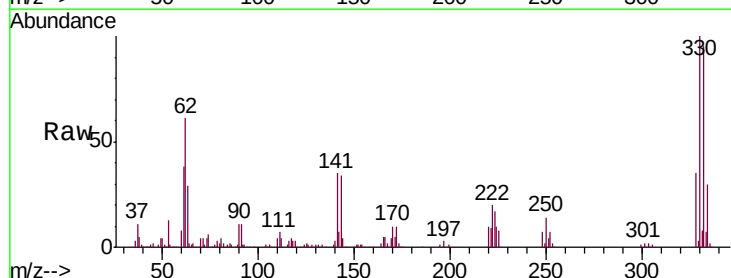
Instrument :
BNA_F
ClientSampleId :
TILCON-PL-001

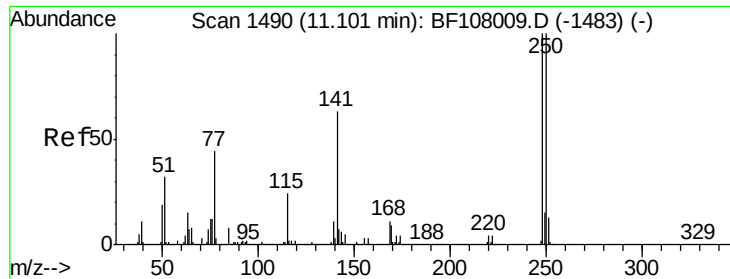
Tgt Ion:188 Resp: 520229
Ion Ratio Lower Upper
188 100
94 8.4 8.5 12.7#
80 8.9 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 5.687 ng
RT: 10.87 min Scan# 1450
Delta R.T. 0.21 min
Lab File: BF108133.D
Acq: 13 Aug 2018 22:59

Tgt Ion:198 Resp: 722
Ion Ratio Lower Upper
198 100
51 183.5 37.7 77.7#
105 161.2 36.3 76.3#

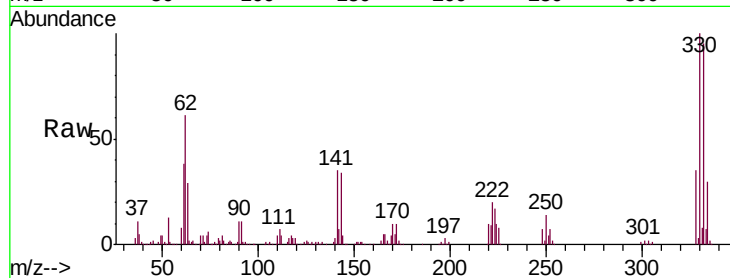




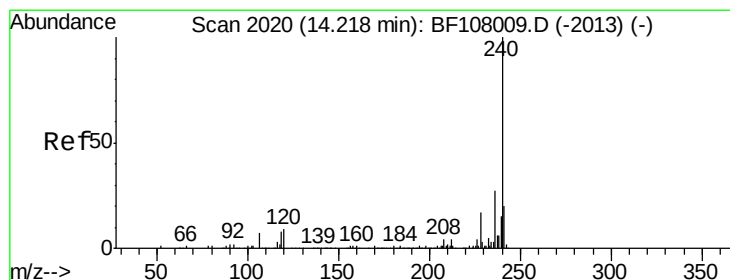
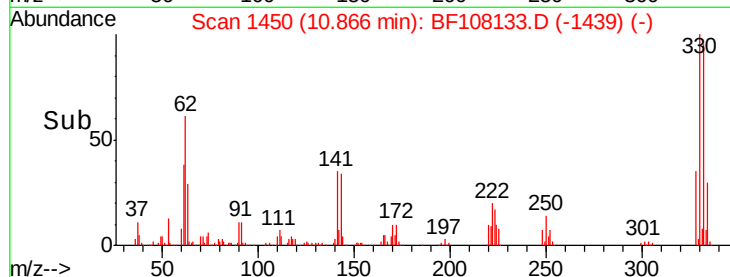
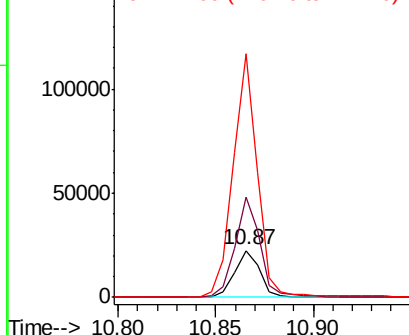
#66
 4-Bromophenyl-phenylether
 Concen: 3.522 ng
 RT: 10.87 min Scan# 1450
 Delta R.T. -0.24 min
 Lab File: BF108133.D
 Acq: 13 Aug 2018 22:59

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-PL-001

Tgt Ion:248 Resp: 19911
 Ion Ratio Lower Upper
 248 100
 250 214.1 76.9 115.3#
 141 521.7 74.4 111.6#

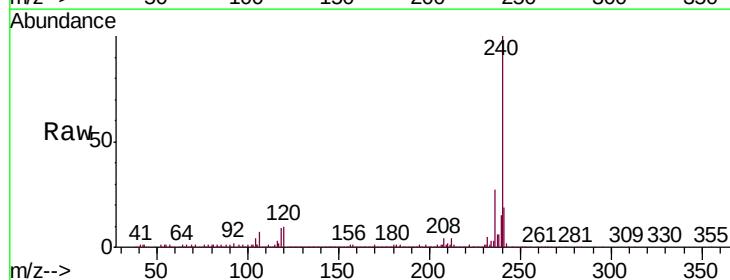


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

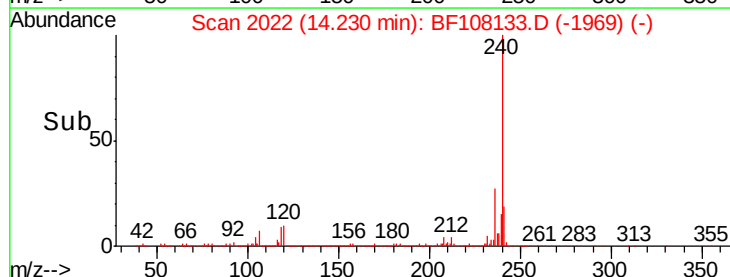
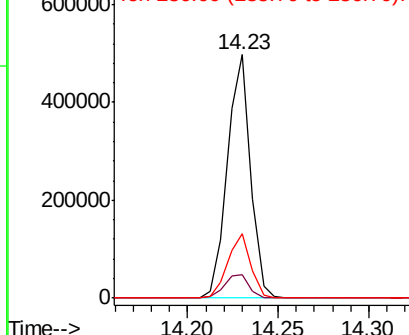


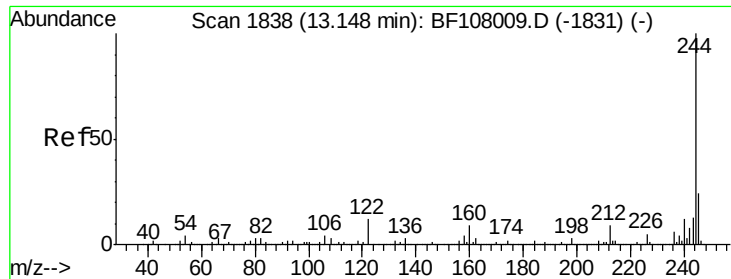
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.23 min Scan# 2022
 Delta R.T. 0.01 min
 Lab File: BF108133.D
 Acq: 13 Aug 2018 22:59

Tgt Ion:240 Resp: 440756
 Ion Ratio Lower Upper
 240 100
 120 9.6 9.5 14.3
 236 26.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

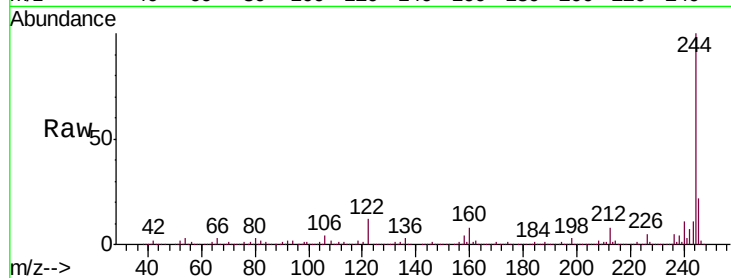




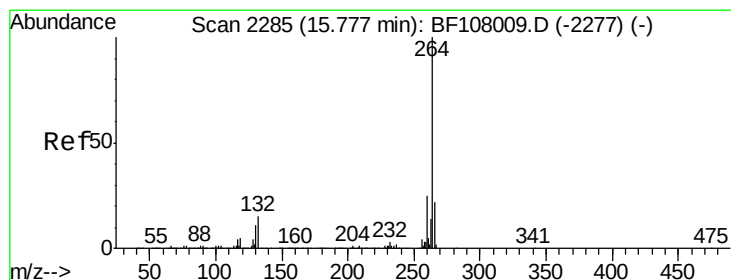
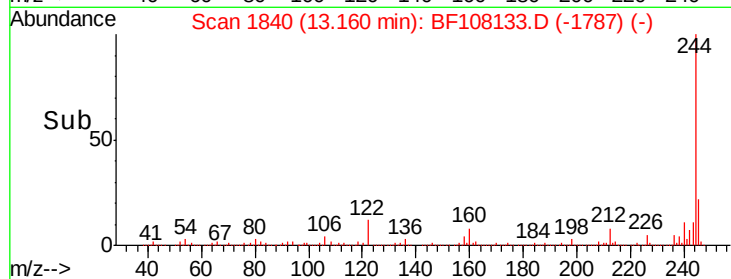
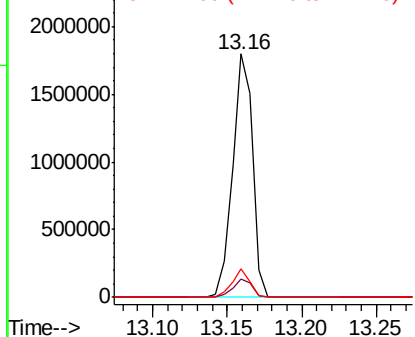
#78
 Terphenyl-d14
 Concen: 97.697 ng
 RT: 13.16 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF108133.D
 Acq: 13 Aug 2018 22:59

Instrument :
 BNA_F
 ClientSampleId :
 TILCON-PL-001

Tgt Ion:244 Resp: 1693579
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.0
 122 11.9 11.0 16.4

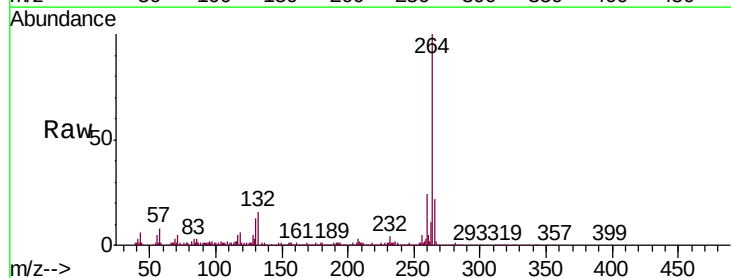


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.80 min Scan# 2289
 Delta R.T. 0.02 min
 Lab File: BF108133.D
 Acq: 13 Aug 2018 22:59

Tgt Ion:264 Resp: 289174
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 22.4 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

