

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061616\
 Data File : BF088086.D
 Acq On : 16 Jun 2016 20:17
 Operator : UM/SJ
 Sample : H3571-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-29-COMP

Quant Time: Jun 17 04:07:37 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 16 14:54:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	146746	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	555613	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	261960	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	444657	20.00	ng	0.00
75) Chrysene-d12	13.86	240	289469	20.00	ng	0.00
86) Perylene-d12	15.25	264	269857	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	692483	80.67	ng	0.01
7) Phenol-d6	6.36	99	887494	85.31	ng	0.00
23) Nitrobenzene-d5	7.29	82	604540	63.54	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	206461	74.64	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	897994	51.68	ng	0.00
78) Terphenyl-d14	12.81	244	653821	51.40	ng	-0.01

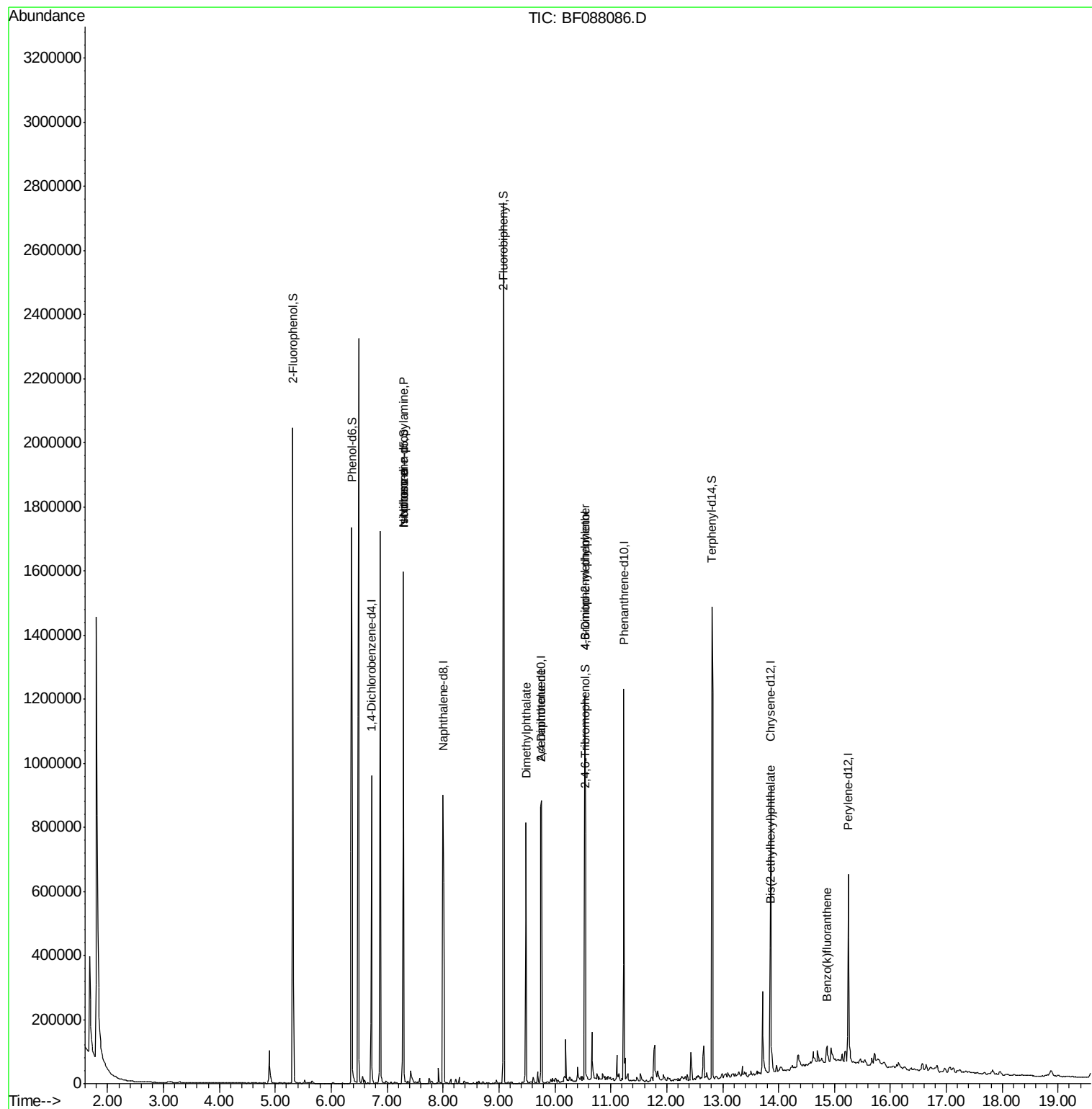
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.38	94	8449	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.29	70	80870	12.15	ng	69
25) Isophorone	7.29	82	588813	33.41	ng	65
45) 1,1'-Biphenyl	9.18	154	278	Below Cal	#	43
49) Dimethylphthalate	9.48	163	454614	23.96	ng	99
56) 2,4-Dinitrotoluene	9.75	165	33097	5.93	ng	38
57) Fluorene	10.30	166	1705	Below Cal	#	91
64) 4,6-Dinitro-2-methylphenol	10.54	198	273	2.26	ng	1
66) 4-Bromophenyl-phenylether	10.54	248	12337	2.59	ng	1
83) Bis(2-ethylhexyl)phthalate	13.85	149	24358	2.11	ng	99
88) Benzo(k)fluoranthene	14.87	252	36345	2.56	ng	96

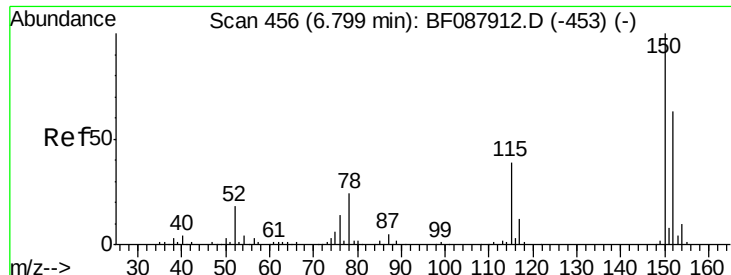
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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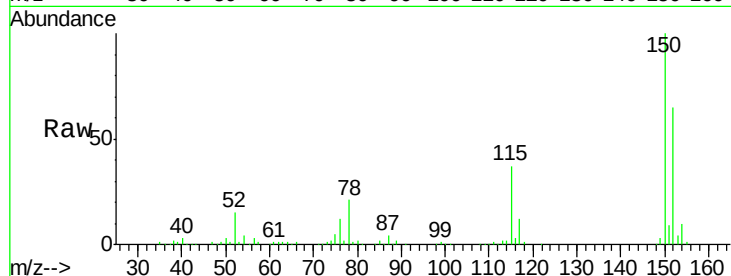


#1

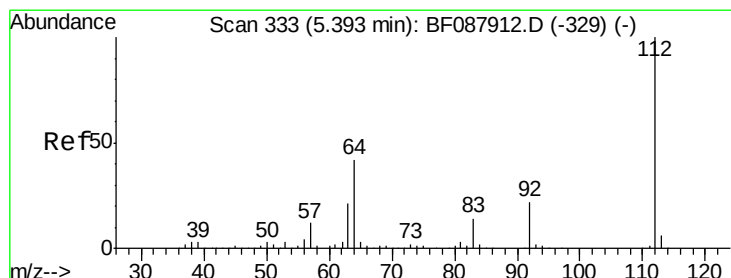
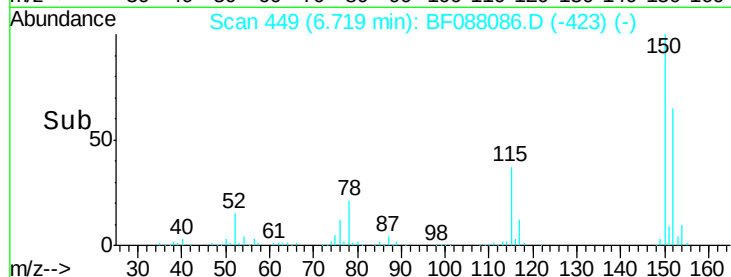
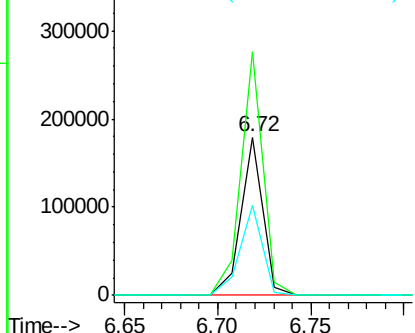
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF088086.D
Acq: 16 Jun 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-29-COMP

Tgt Ion:152 Resp: 146746
Ion Ratio Lower Upper
152 100
150 154.0 123.8 185.6
115 57.0 39.6 59.4



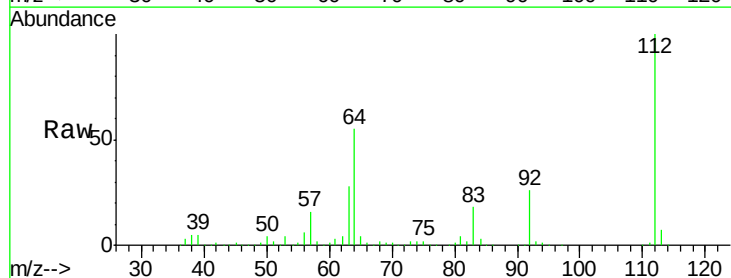
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



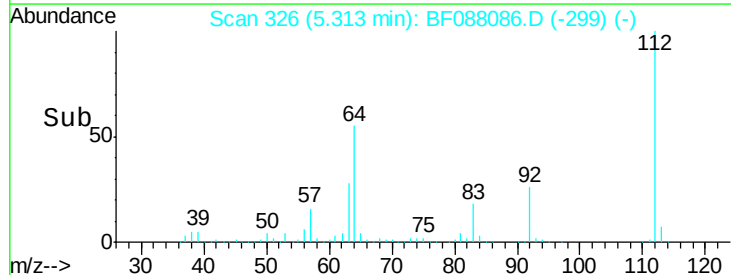
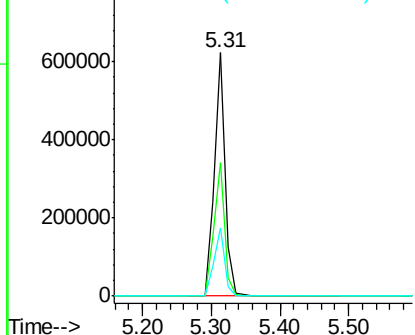
#5

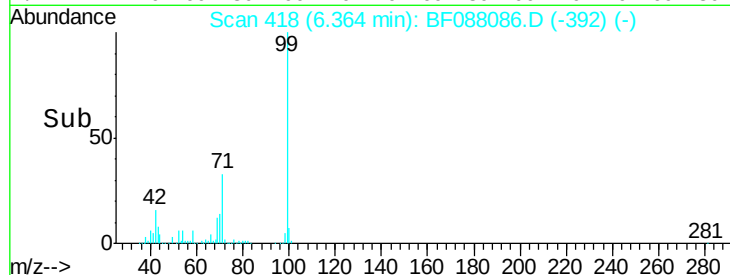
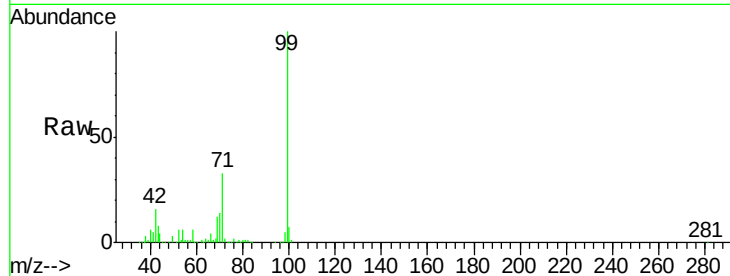
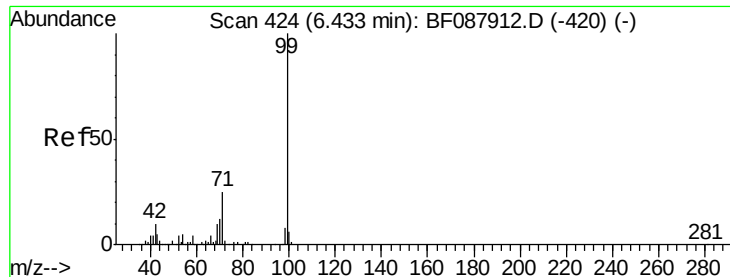
2-Fluorophenol
Concen: 80.67 ng
RT: 5.31 min Scan# 326
Delta R.T. 0.01 min
Lab File: BF088086.D
Acq: 16 Jun 2016 20:17

Tgt Ion:112 Resp: 692483
Ion Ratio Lower Upper
112 100
64 54.8 42.2 63.2
63 28.3 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 85.31 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF088086.D

Acq: 16 Jun 2016 20:17

Instrument :

BNA_F

ClientSampleId :

SB-29-COMP

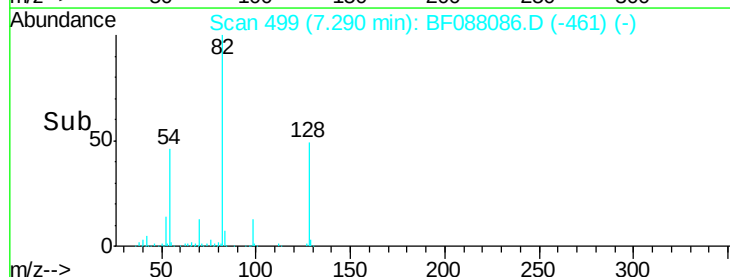
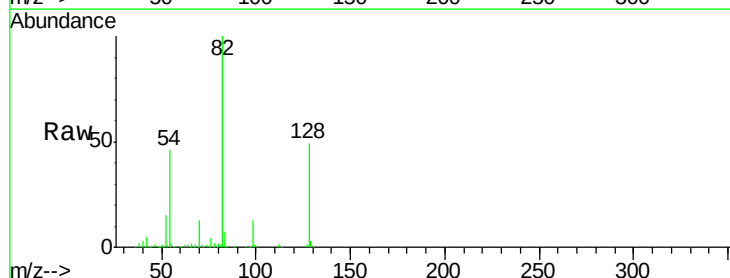
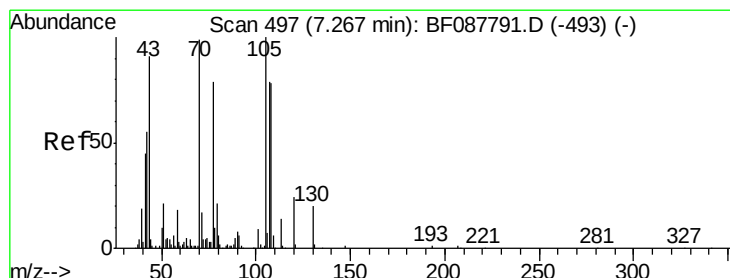
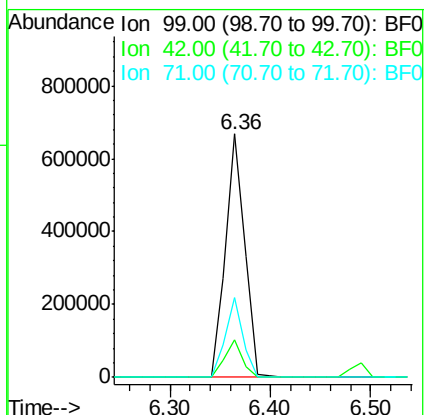
Tgt Ion: 99 Resp: 887494

Ion Ratio Lower Upper

99 100

42 15.6 12.2 18.2

71 32.7 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 12.15 ng

RT: 7.29 min Scan# 499

Delta R.T. 0.14 min

Lab File: BF088086.D

Acq: 16 Jun 2016 20:17

Tgt Ion: 70 Resp: 80870

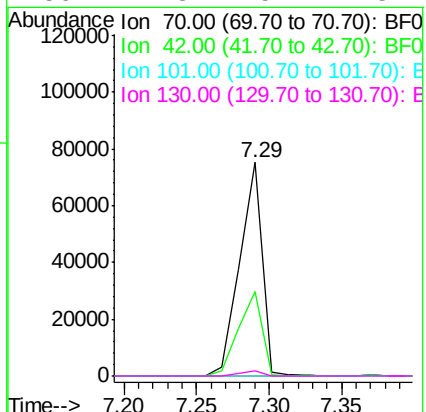
Ion Ratio Lower Upper

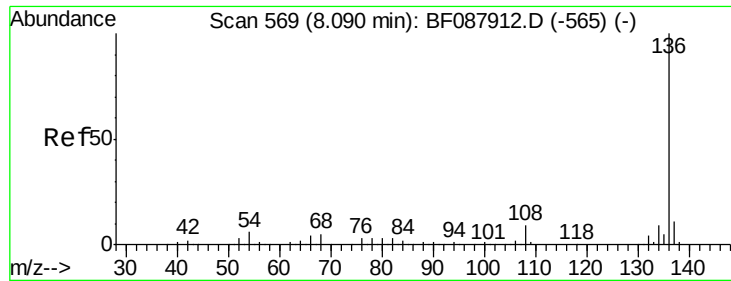
70 100

42 39.5 49.6 74.4#

101 0.0 7.1 10.7#

130 2.3 15.4 23.2#

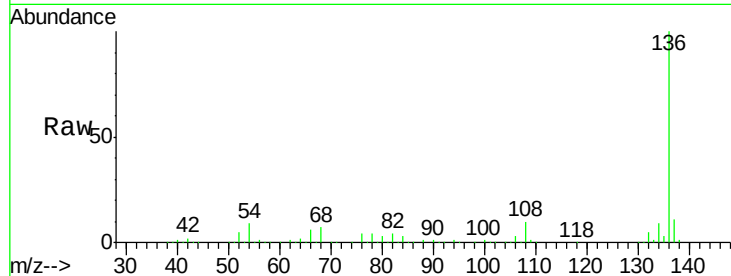




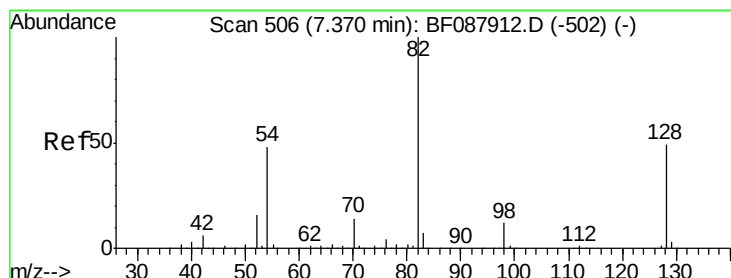
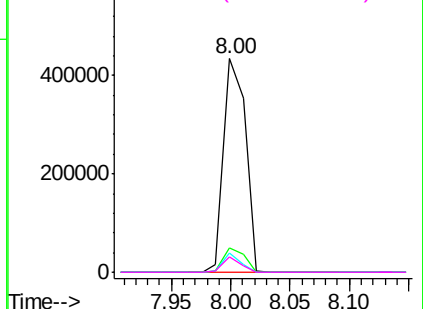
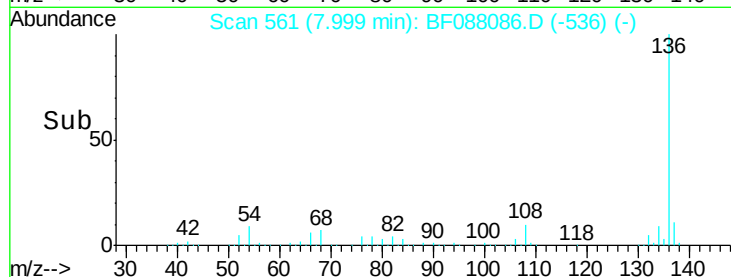
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.01 min
Lab File: BF088086.D
Acq: 16 Jun 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-29-COMP

Tgt Ion:	136	Resp:	555613
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.0	6.6	10.0
68	7.5	5.1	7.7

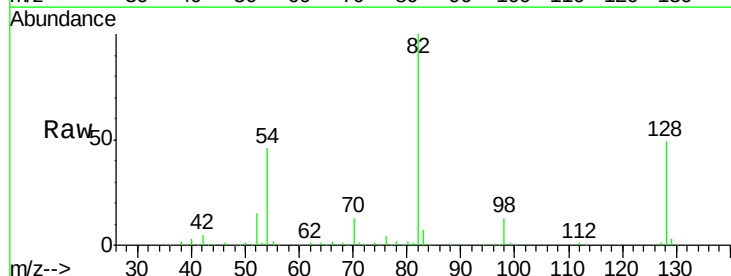


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

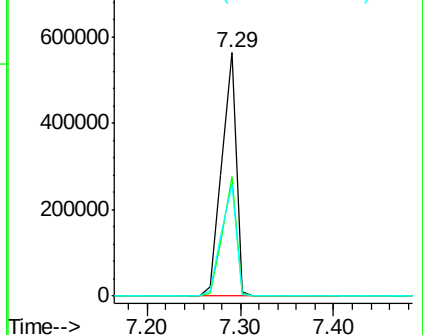
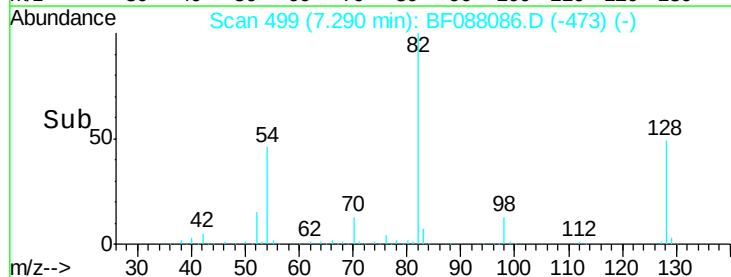


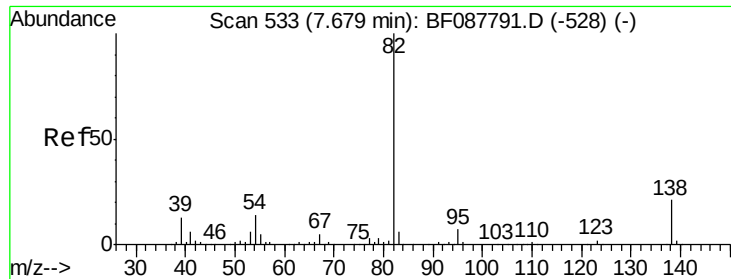
#23
Nitrobenzene-d5
Concen: 63.54 ng
RT: 7.29 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF088086.D
Acq: 16 Jun 2016 20:17

Tgt Ion:	82	Resp:	604540
Ion	Ratio	Lower	Upper
82	100		
128	49.0	35.9	53.9
54	45.8	40.9	61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 33.41 ng

RT: 7.29 min Scan# 499

Delta R.T. -0.26 min

Lab File: BF088086.D

Acq: 16 Jun 2016 20:17

Instrument :

BNA_F

ClientSampleId :

SB-29-COMP

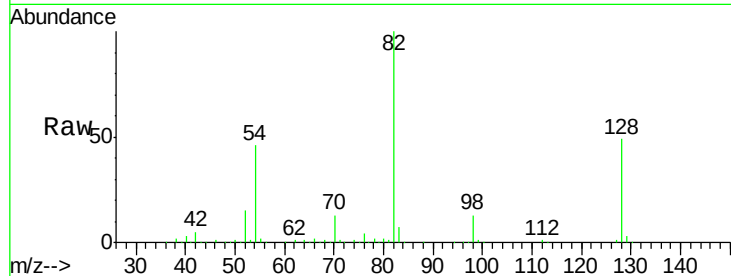
Tgt Ion: 82 Resp: 588813

Ion Ratio Lower Upper

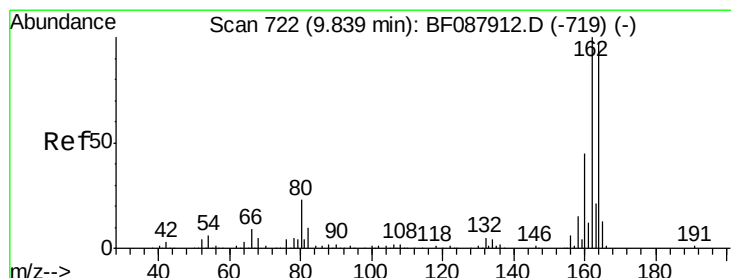
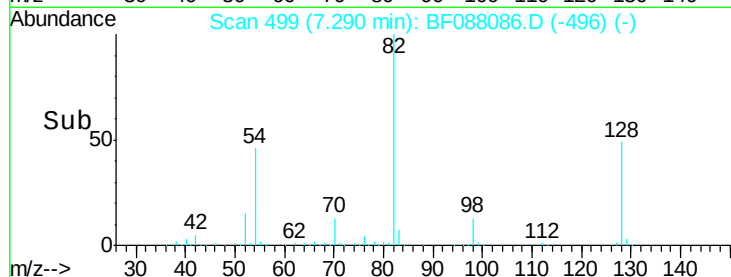
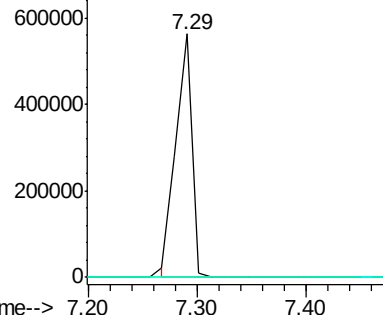
82 100

95 0.0 5.4 8.2#

138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF088086.D

Acq: 16 Jun 2016 20:17

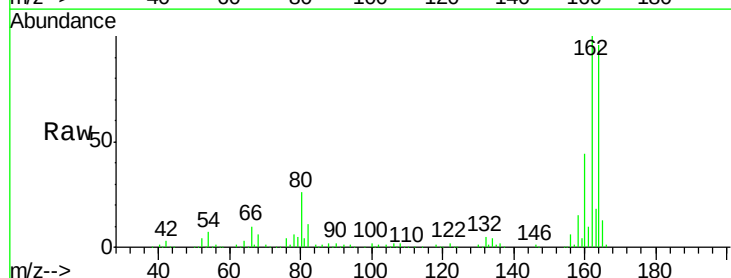
Tgt Ion: 164 Resp: 261960

Ion Ratio Lower Upper

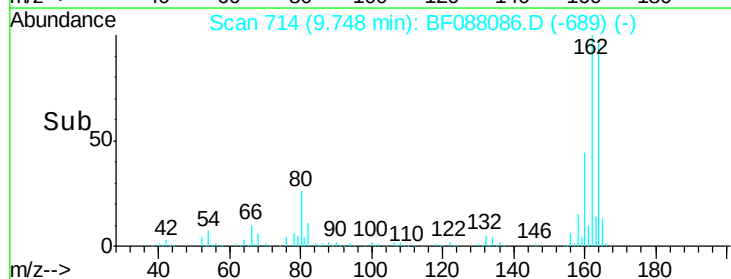
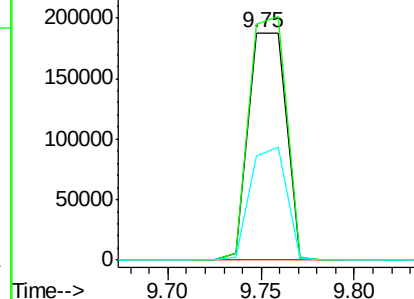
164 100

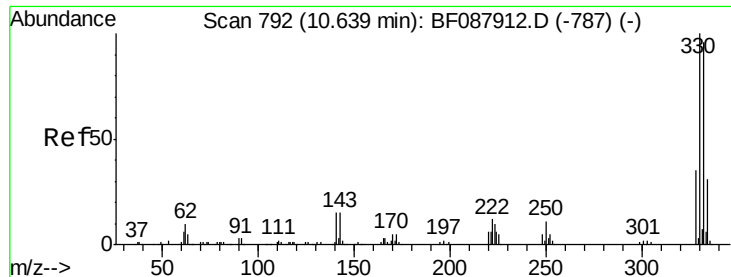
162 103.8 85.4 128.2

160 45.9 39.5 59.3



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

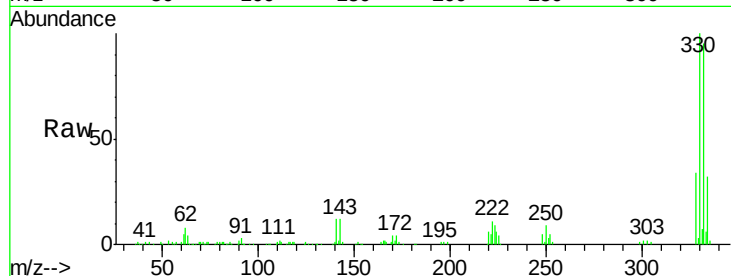




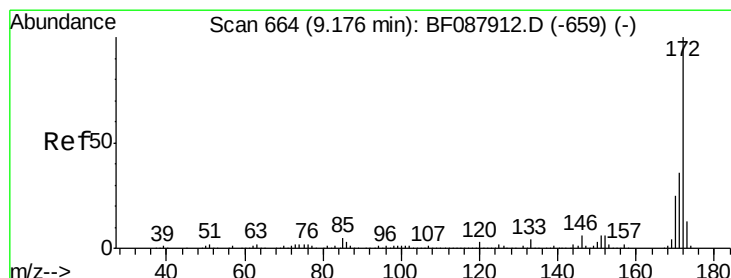
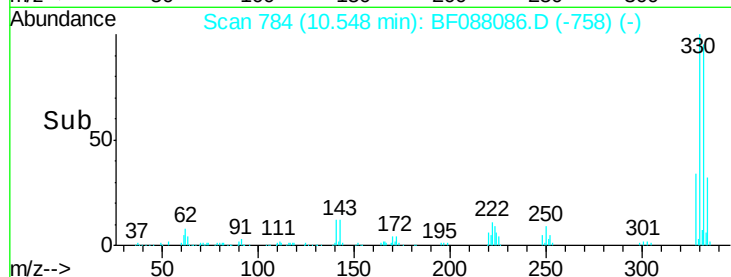
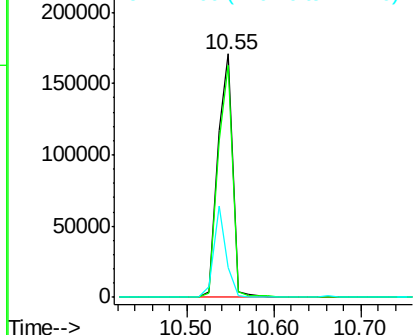
#41
 2,4,6-Tribromophenol
 Concen: 74.64 ng
 RT: 10.55 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF088086.D
 Acq: 16 Jun 2016 20:17

Instrument :
 BNA_F
 ClientSampleId :
 SB-29-COMP

Tgt Ion:330 Resp: 206461
 Ion Ratio Lower Upper
 330 100
 332 94.6 0.0 0.0#
 141 31.7 0.0 0.0#

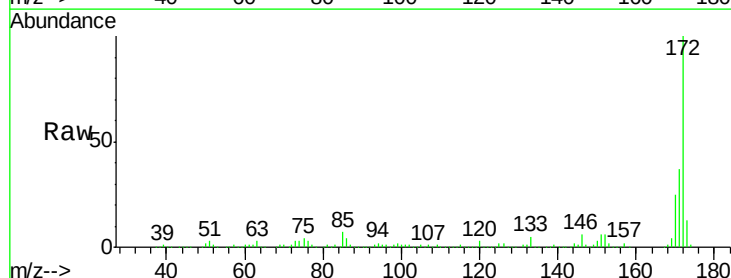


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

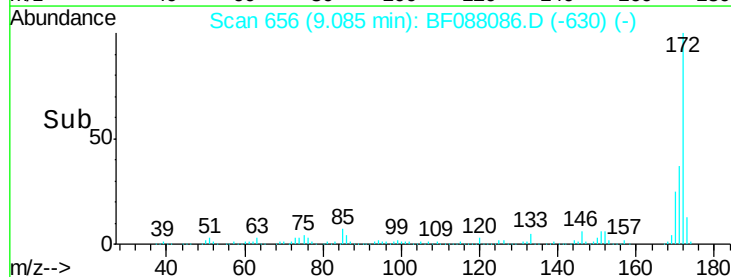
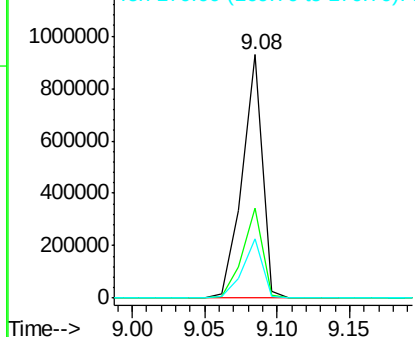


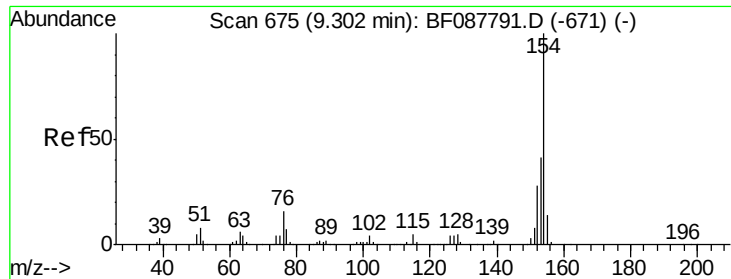
#44
 2-Fluorobiphenyl
 Concen: 51.68 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF088086.D
 Acq: 16 Jun 2016 20:17

Tgt Ion:172 Resp: 897994
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.6 43.0
 170 24.5 19.2 28.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

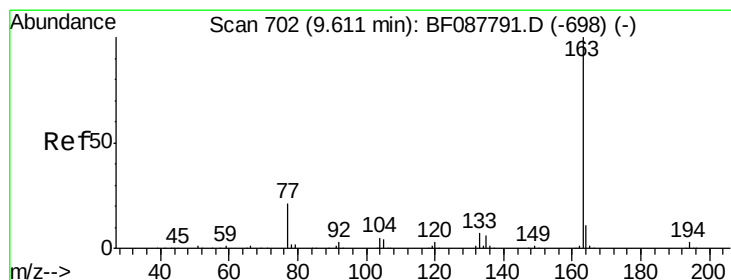
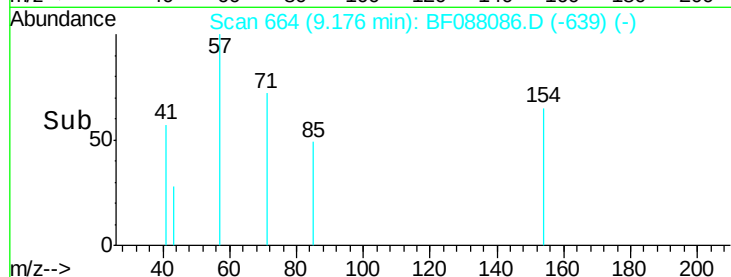
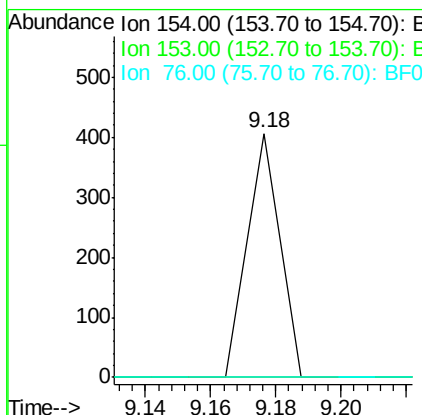
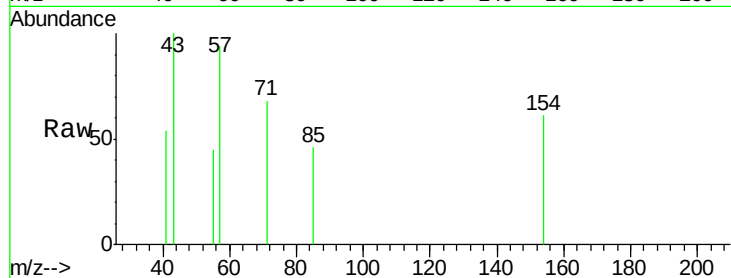




#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.18 min Scan# 664
 Delta R.T. -0.01 min
 Lab File: BF088086.D
 Acq: 16 Jun 2016 20:17

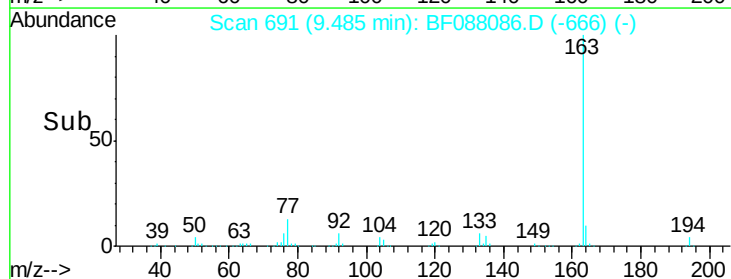
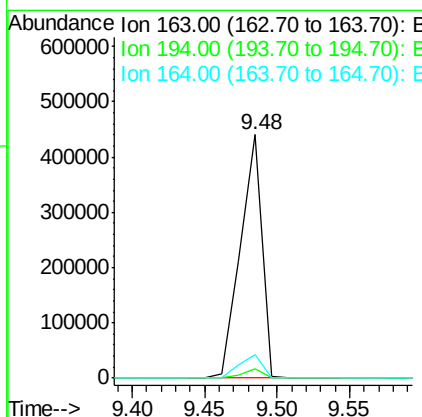
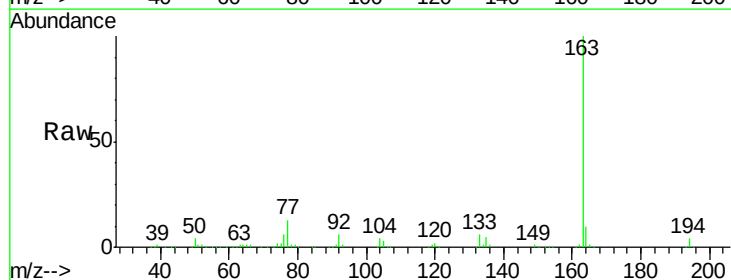
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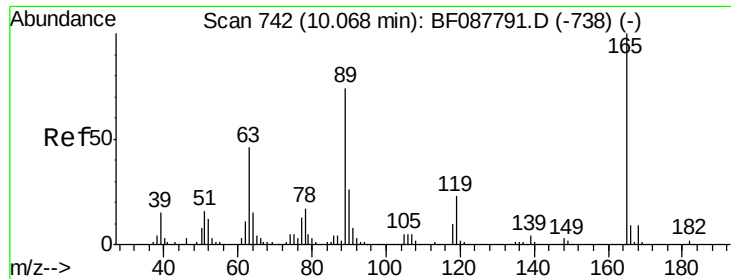
Tgt Ion:154 Resp: 278
 Ion Ratio Lower Upper
 154 100
 153 0.0 20.6 60.6#
 76 0.0 0.0 35.1



#49
 Dimethylphthalate
 Concen: 23.96 ng
 RT: 9.48 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: BF088086.D
 Acq: 16 Jun 2016 20:17

Tgt Ion:163 Resp: 454614
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.8 4.2
 164 9.9 8.3 12.5

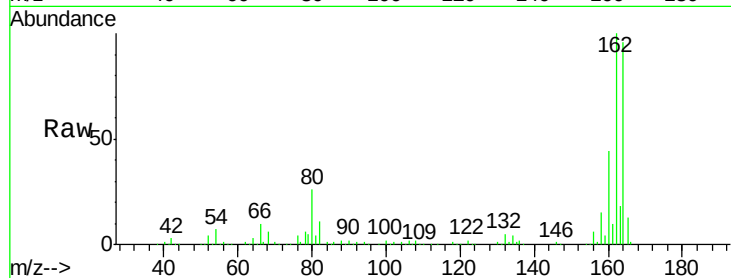




#56
2,4-Dinitrotoluene
Concen: 5.93 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.21 min
Lab File: BF088086.D
Acq: 16 Jun 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-29-COMP

Tgt Ion:	165	Resp:	33097
Ion Ratio	Lower	Upper	
165	100		
63	1.6	22.0	33.0#
89	1.6	41.1	61.7#
182	0.0	2.0	3.0#

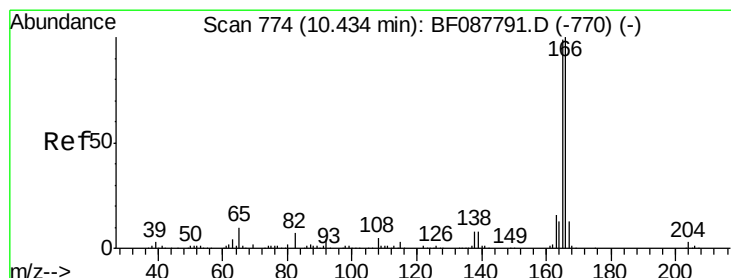
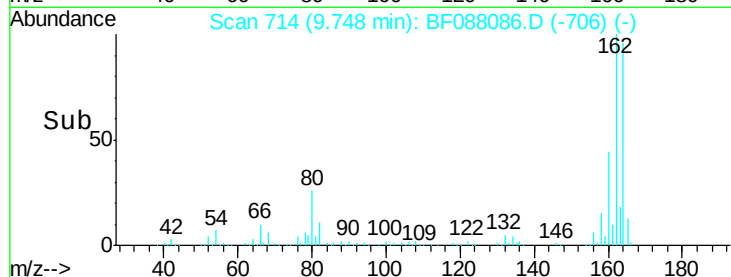
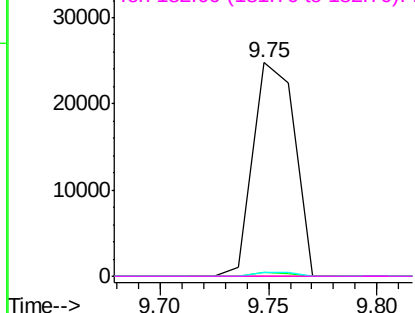


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

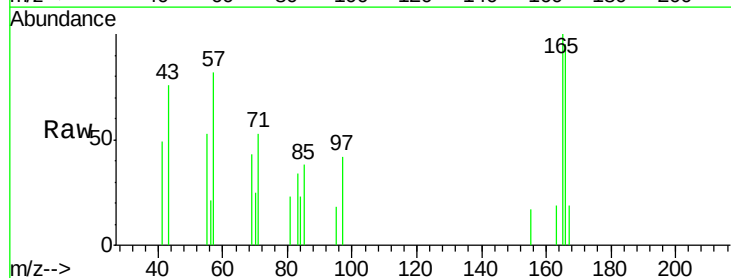
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: Below Cal
RT: 10.30 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF088086.D
Acq: 16 Jun 2016 20:17

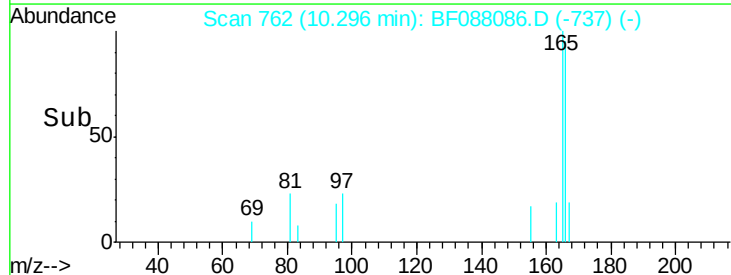
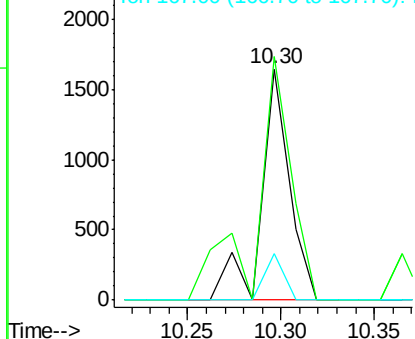
Tgt Ion:	166	Resp:	1705
Ion Ratio	Lower	Upper	
166	100		
165	105.5	77.8	116.8
167	20.2	11.2	16.8#

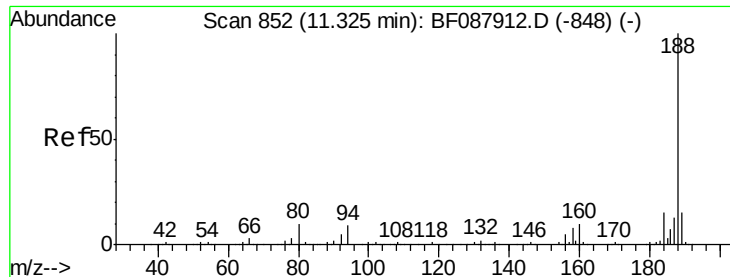


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

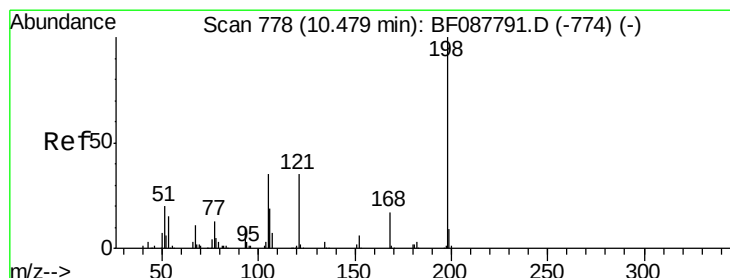
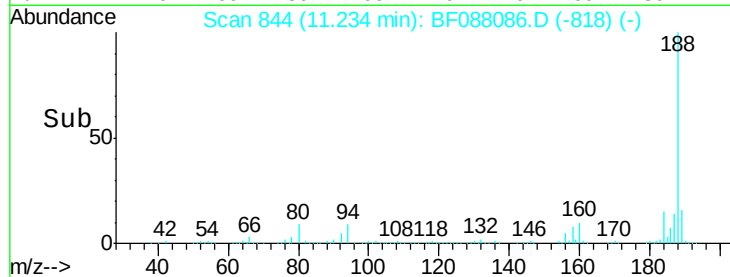
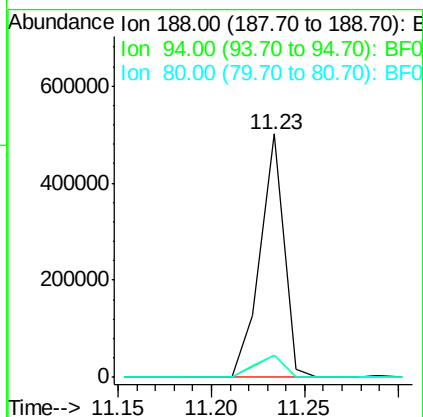
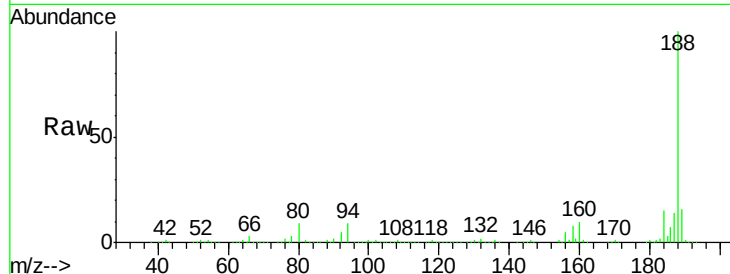




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.23 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF088086.D
 Acq: 16 Jun 2016 20:17

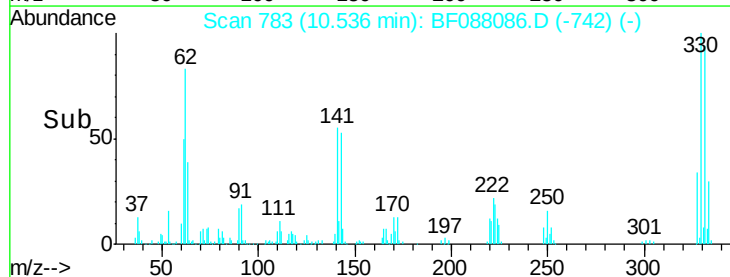
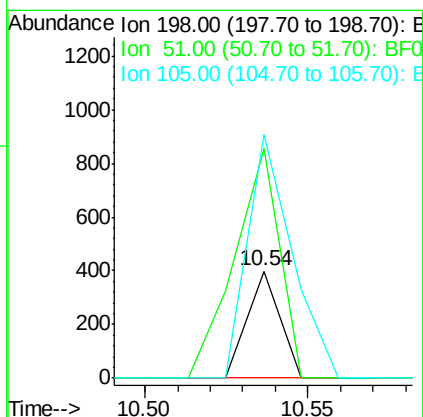
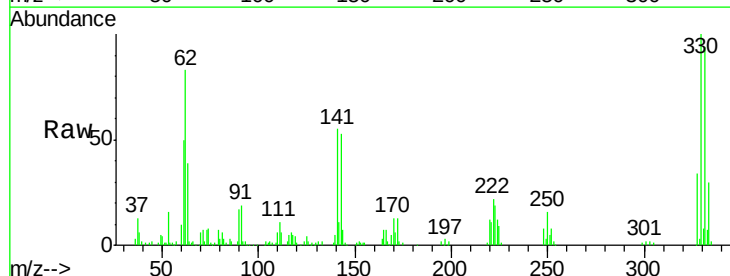
Instrument :
 BNA_F
 ClientSampleId :
 SB-29-COMP

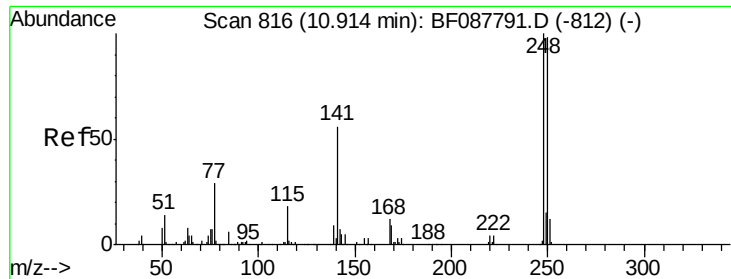
Tgt Ion:188 Resp: 444657
 Ion Ratio Lower Upper
 188 100
 94 9.1 9.0 13.6
 80 9.3 10.0 15.0#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.26 ng
 RT: 10.54 min Scan# 783
 Delta R.T. 0.17 min
 Lab File: BF088086.D
 Acq: 16 Jun 2016 20:17

Tgt Ion:198 Resp: 273
 Ion Ratio Lower Upper
 198 100
 51 214.8 39.6 79.6#
 105 227.9 36.6 76.6#

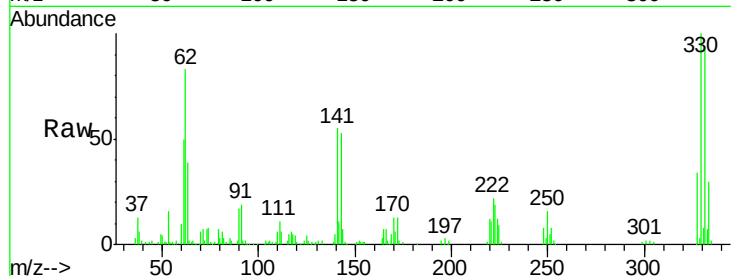




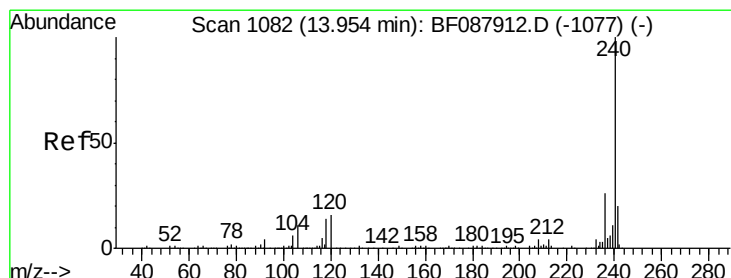
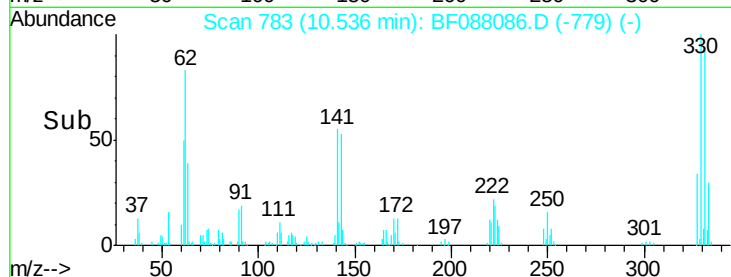
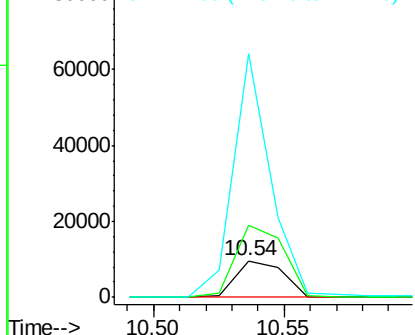
#66
4-Bromophenyl-phenylether
Concen: 2.59 ng
RT: 10.54 min Scan# 783
Delta R.T. -0.25 min
Lab File: BF088086.D
Acq: 16 Jun 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-29-COMP

Tgt Ion:248 Resp: 12337
Ion Ratio Lower Upper
248 100
250 198.5 77.1 115.7#
141 671.8 50.6 76.0#

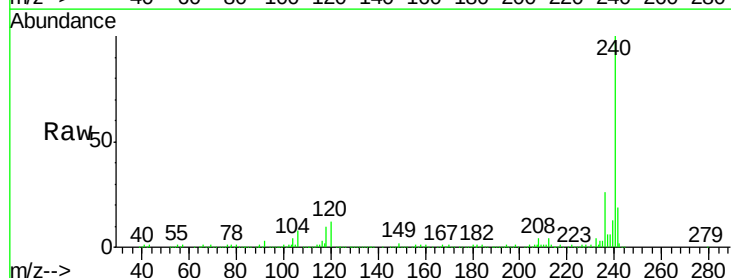


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

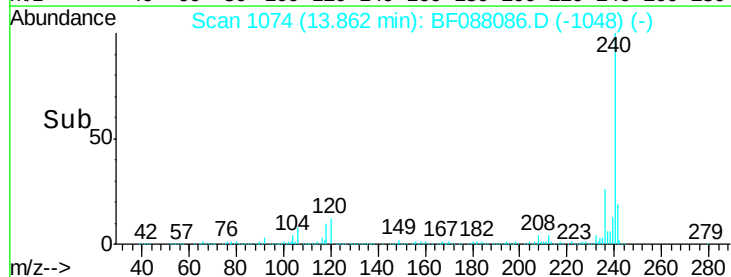
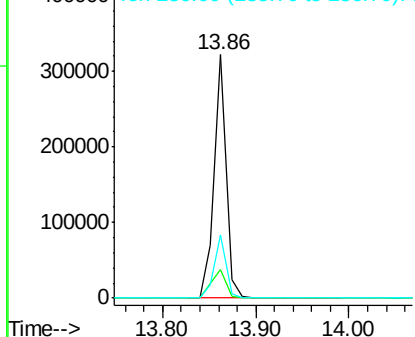


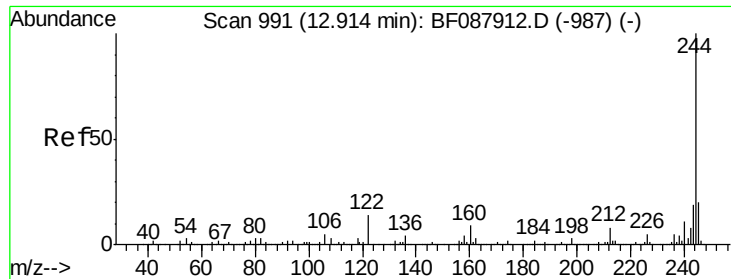
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1074
Delta R.T. 0.00 min
Lab File: BF088086.D
Acq: 16 Jun 2016 20:17

Tgt Ion:240 Resp: 289469
Ion Ratio Lower Upper
240 100
120 11.8 6.8 10.2#
236 25.8 20.2 30.2



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

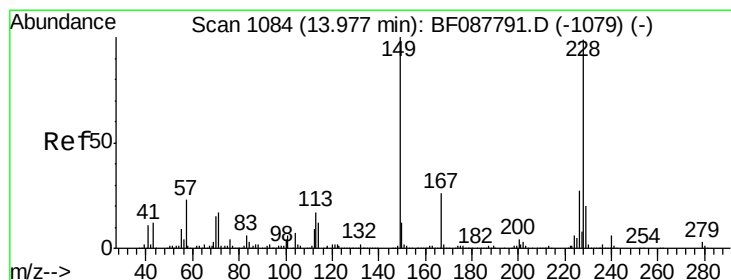
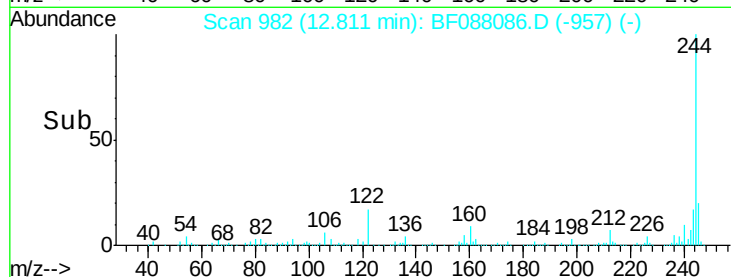
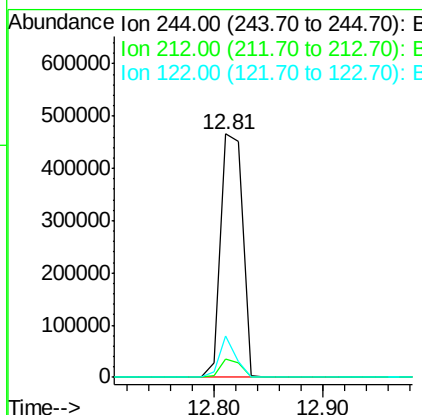
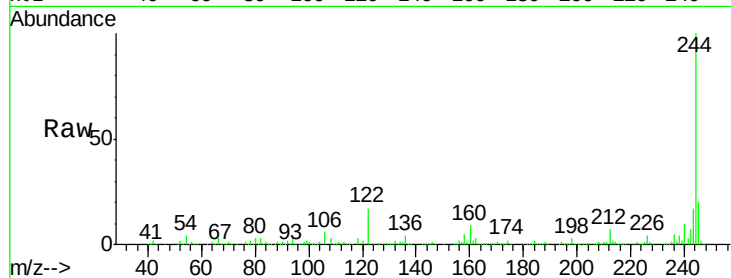




#78
 Terphenyl-d14
 Concen: 51.40 ng
 RT: 12.81 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF088086.D
 Acq: 16 Jun 2016 20:17

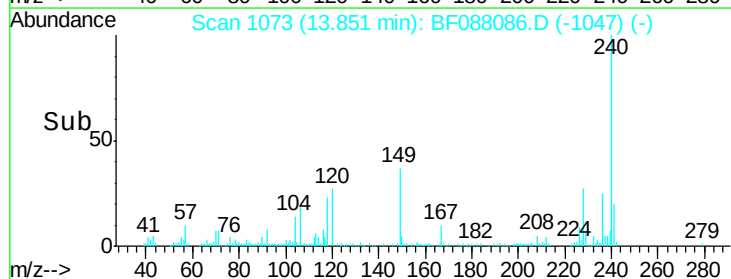
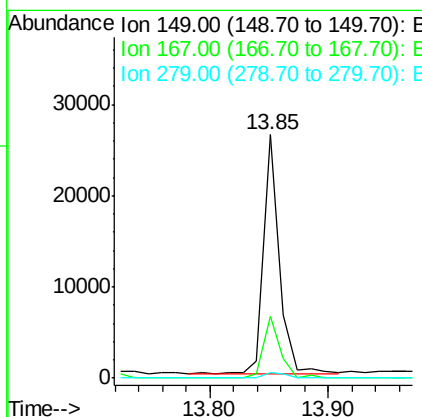
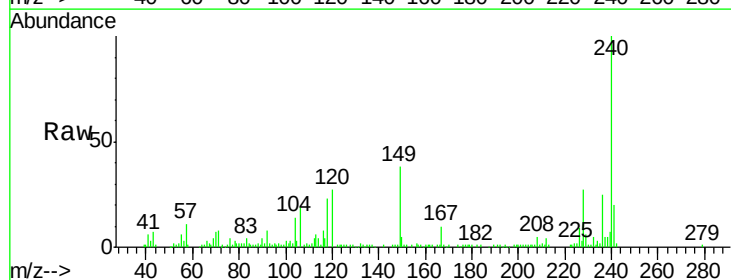
Instrument :
 BNA_F
 ClientSampleId :
 SB-29-COMP

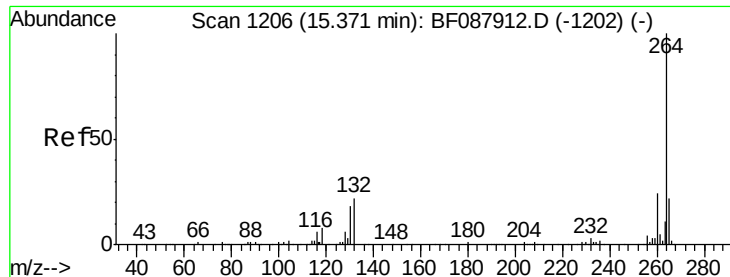
Tgt Ion:244 Resp: 653821
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 17.1 11.2 16.8#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.11 ng
 RT: 13.85 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: BF088086.D
 Acq: 16 Jun 2016 20:17

Tgt Ion:149 Resp: 24358
 Ion Ratio Lower Upper
 149 100
 167 25.3 20.5 30.7
 279 2.5 2.0 3.0

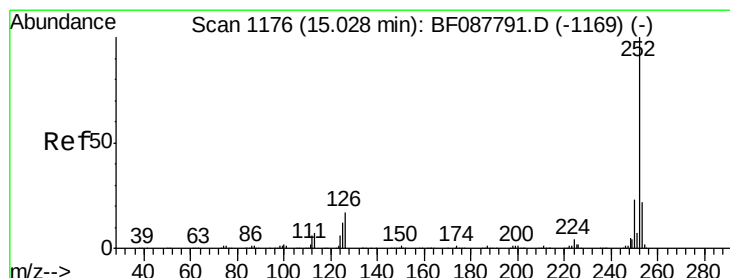
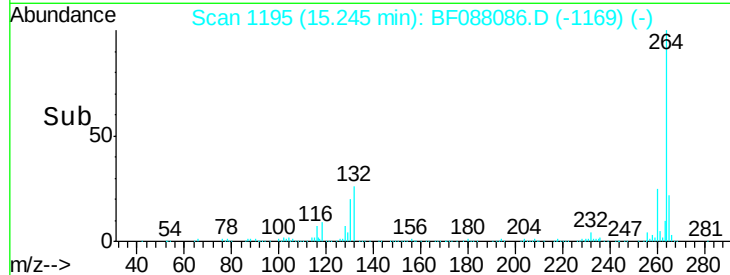
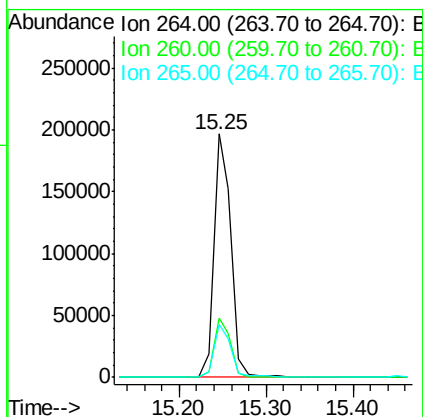
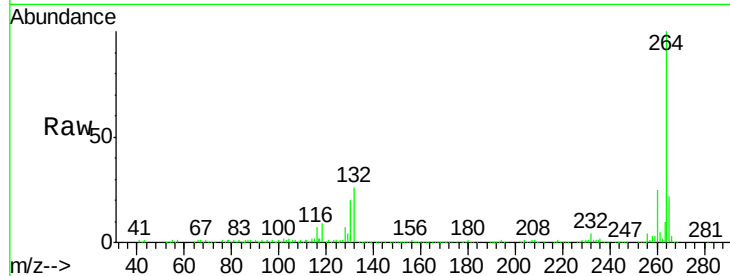




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1195
Delta R.T. 0.00 min
Lab File: BF088086.D
Acq: 16 Jun 2016 20:17

Instrument :
BNA_F
ClientSampleId :
SB-29-COMP

Tgt Ion: 264 Resp: 269857
Ion Ratio Lower Upper
264 100
260 24.6 19.2 28.8
265 21.6 16.9 25.3



#88
Benzo(k)fluoranthene
Concen: 2.56 ng
RT: 14.87 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF088086.D
Acq: 16 Jun 2016 20:17

Tgt Ion: 252 Resp: 36345
Ion Ratio Lower Upper
252 100
253 23.8 18.0 27.0
125 16.3 11.2 16.8

