

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060116\
 Data File : BF087631.D
 Acq On : 1 Jun 2016 23:10
 Operator : UM/SJ
 Sample : H3349-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-49

Quant Time: Jun 02 02:04:18 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 16:26:52 2016
 Response via : Initial Calibration

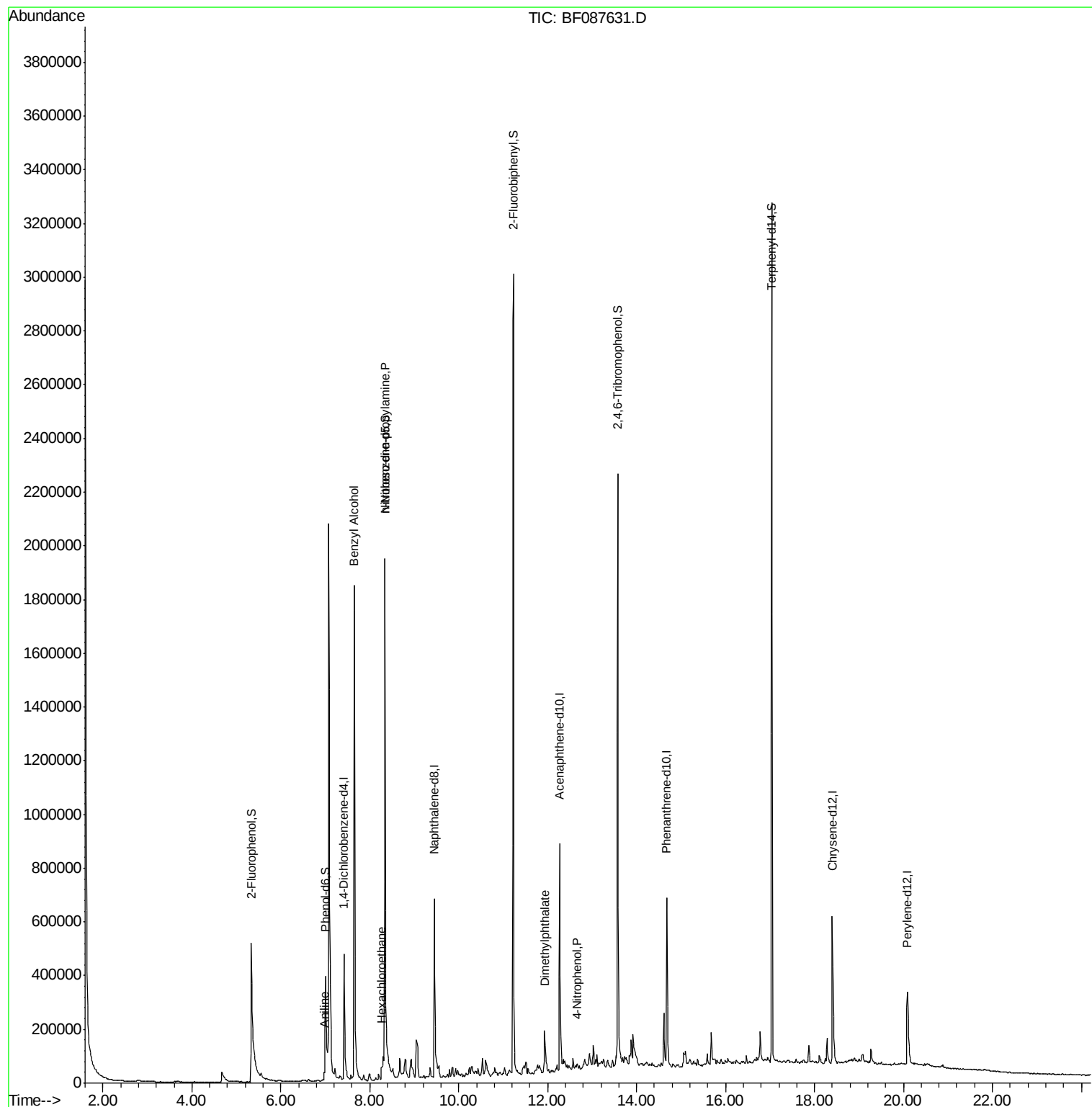
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	118356	20.00	ng	-0.10
21) Naphthalene-d8	9.45	136	466638	20.00	ng	-0.10
38) Acenaphthene-d10	12.27	164	219027	20.00	ng	-0.11
63) Phenanthrene-d10	14.67	188	405523	20.00	ng	-0.10
75) Chrysene-d12	18.40	240	304645	20.00	ng	-0.08
86) Perylene-d12	20.09	264	212115	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	396292	58.83	ng	-0.08
7) Phenol-d6	7.00	99	339623	37.32	ng	-0.07
23) Nitrobenzene-d5	8.34	82	922534	99.64	ng	-0.10
41) 2,4,6-Tribromophenol	13.58	330	321419	152.71	ng	-0.10
44) 2-Fluorobiphenyl	11.23	172	1526648	98.26	ng	-0.10
78) Terphenyl-d14	17.04	244	1332826	93.01	ng	-0.09
Target Compounds						
6) Aniline	6.97	93	27317	2.32	ng	Qvalue 96
15) Benzyl Alcohol	7.64	79	15711	2.37	ng	# 47
18) Hexachloroethane	8.26	117	19435	5.54	ng	# 6
19) n-Nitroso-di-n-propylamine	8.34	70	118004	17.39	ng	# 75
49) Dimethylphthalate	11.93	163	72984	4.16	ng	97
55) 4-Nitrophenol	12.66	139	3563	2.06	ng	# 81

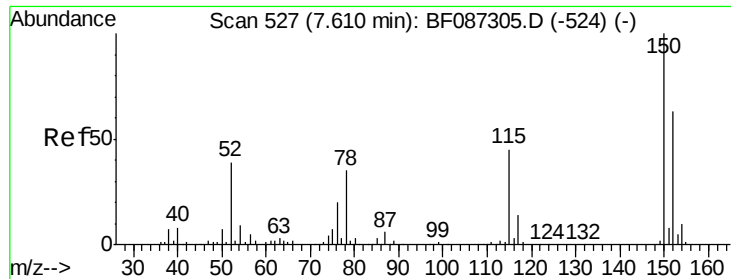
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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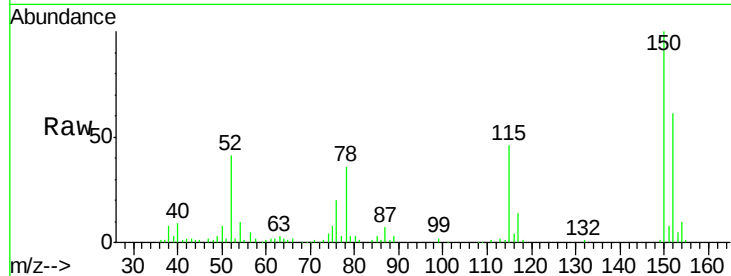




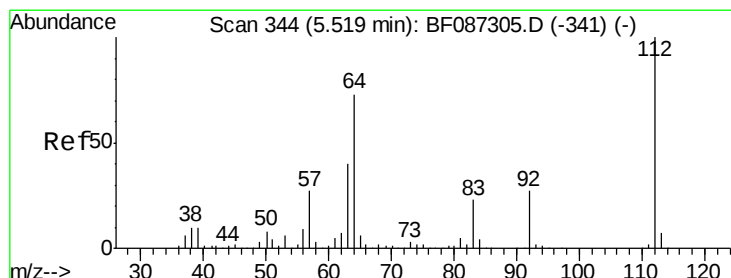
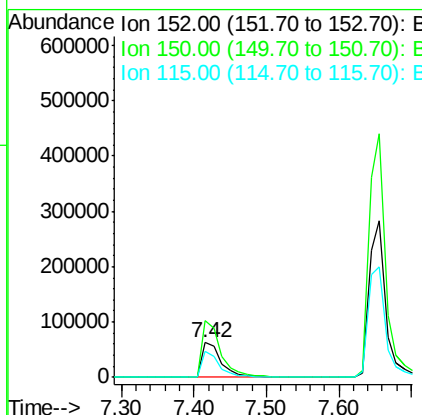
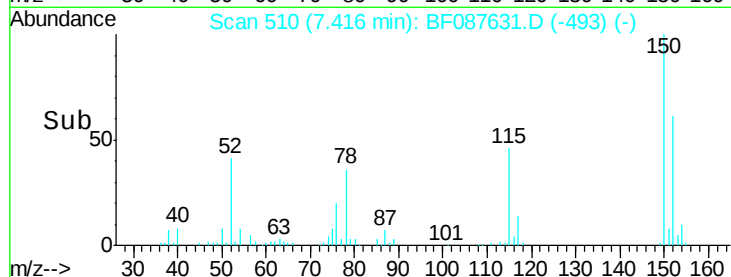
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.42 min Scan# 510
 Delta R.T. -0.10 min
 Lab File: BF087631.D
 Acq: 1 Jun 2016 23:10

Instrument :
 BNA_F
 ClientSampleId :
 W-49

Tgt Ion:152 Resp: 118356
 Ion Ratio Lower Upper
 152 100
 150 163.5 125.8 188.6
 115 75.7 51.5 77.3

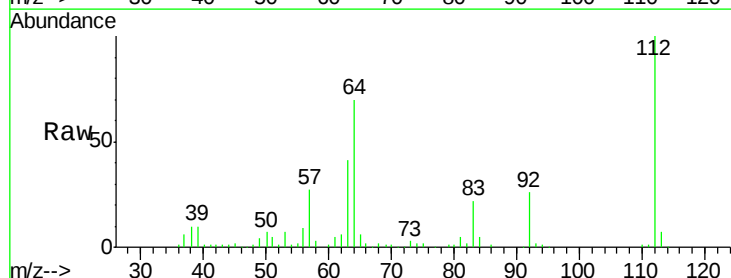


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

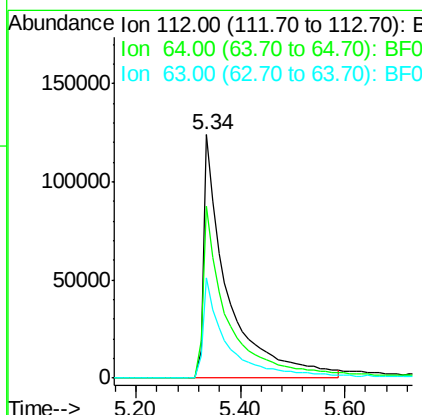
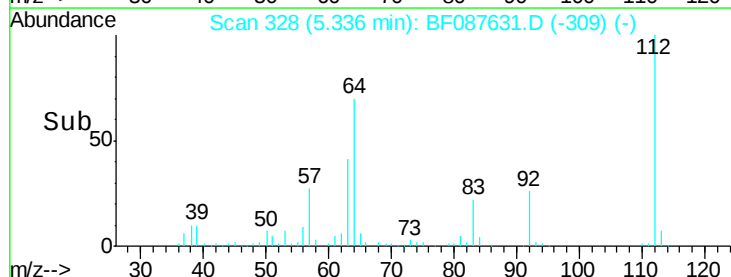


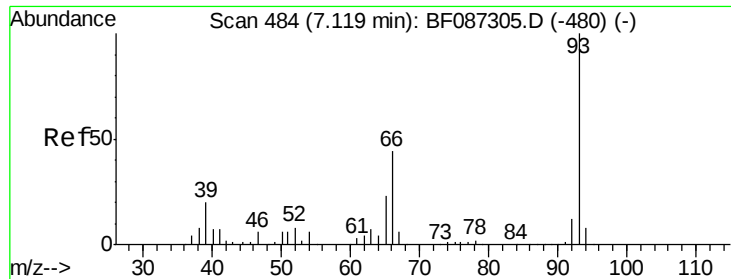
#5
 2-Fluorophenol
 Concen: 58.83 ng
 RT: 5.34 min Scan# 328
 Delta R.T. -0.08 min
 Lab File: BF087631.D
 Acq: 1 Jun 2016 23:10

Tgt Ion:112 Resp: 396292
 Ion Ratio Lower Upper
 112 100
 64 70.4 52.1 78.1
 63 41.0 25.7 38.5#



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





#6

Aniline

Concen: 2.32 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.06 min

Lab File: BF087631.D

Acq: 1 Jun 2016 23:10

Instrument :

BNA_F

ClientSampleId :

W-49

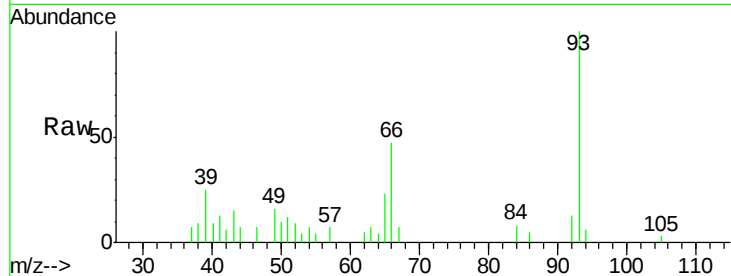
Tgt Ion: 93 Resp: 27317

Ion Ratio Lower Upper

93 100

66 46.9 39.0 58.6

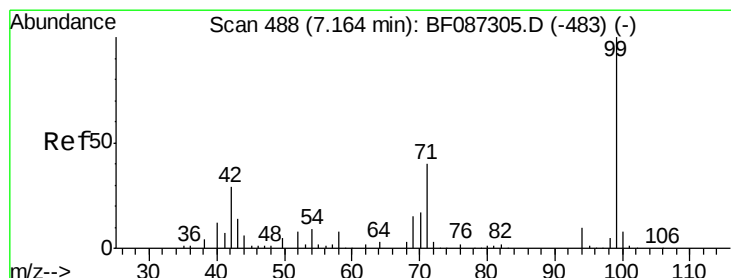
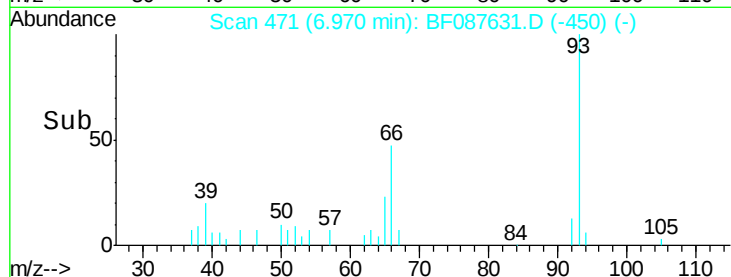
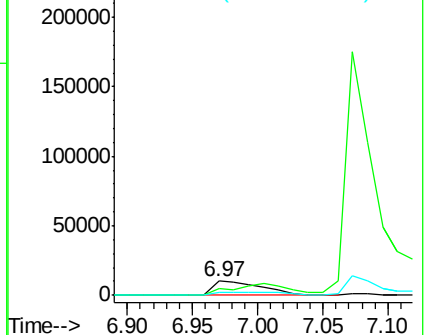
65 22.7 20.6 31.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 37.32 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.07 min

Lab File: BF087631.D

Acq: 1 Jun 2016 23:10

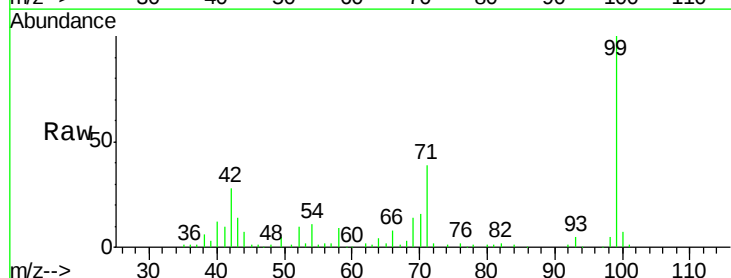
Tgt Ion: 99 Resp: 339623

Ion Ratio Lower Upper

99 100

42 28.3 13.6 20.4#

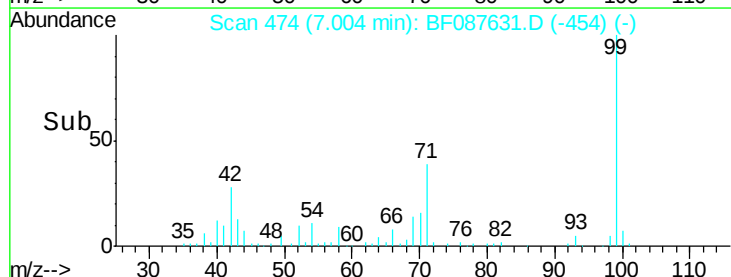
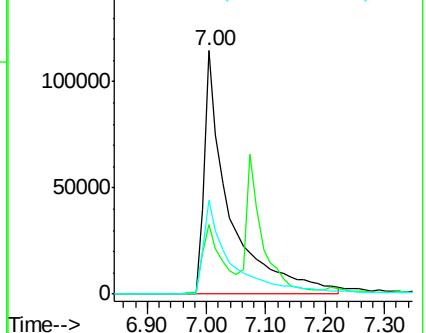
71 38.6 24.6 36.8#

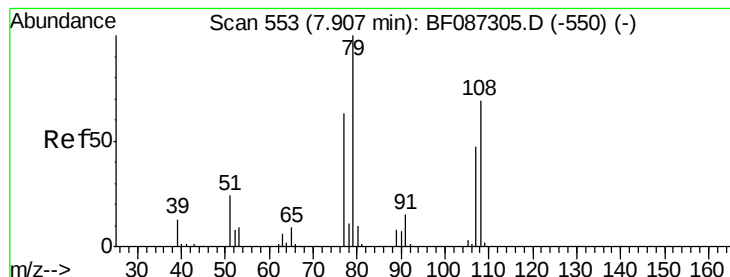


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#15

Benzyl Alcohol

Concen: 2.37 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.17 min

Lab File: BF087631.D

Acq: 1 Jun 2016 23:10

Instrument :

BNA_F

ClientSampleId :

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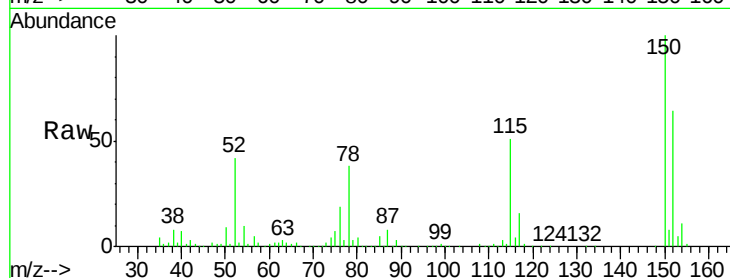
Tgt Ion: 79 Resp: 15711

Ion Ratio Lower Upper

79 100

108 28.6 68.4 102.6#

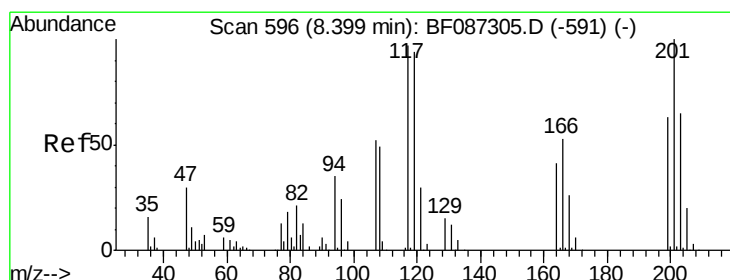
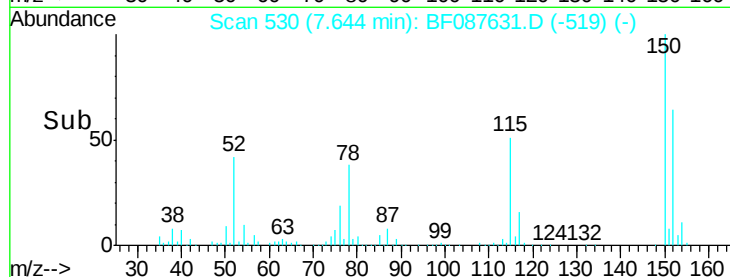
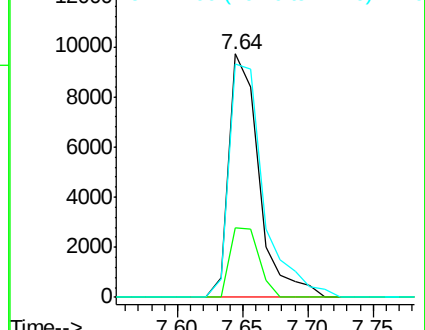
77 95.7 50.6 76.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 5.54 ng

RT: 8.26 min Scan# 584

Delta R.T. -0.03 min

Lab File: BF087631.D

Acq: 1 Jun 2016 23:10

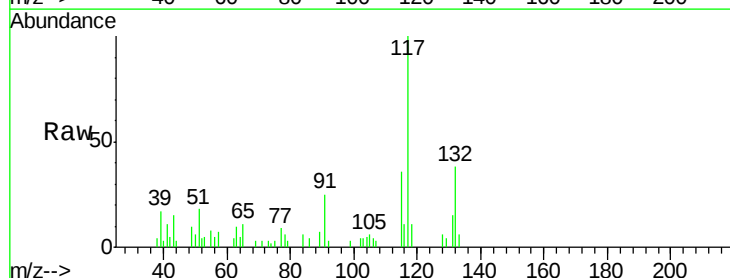
Tgt Ion: 117 Resp: 19435

Ion Ratio Lower Upper

117 100

119 0.0 76.5 114.7#

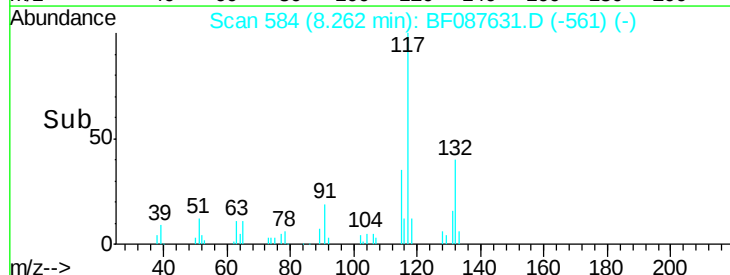
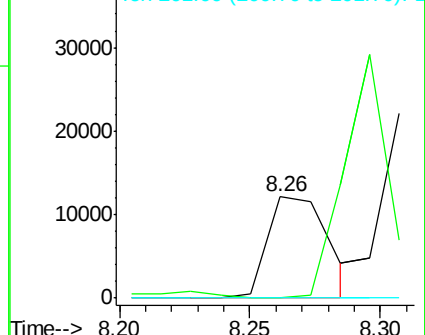
201 0.0 63.0 94.6#

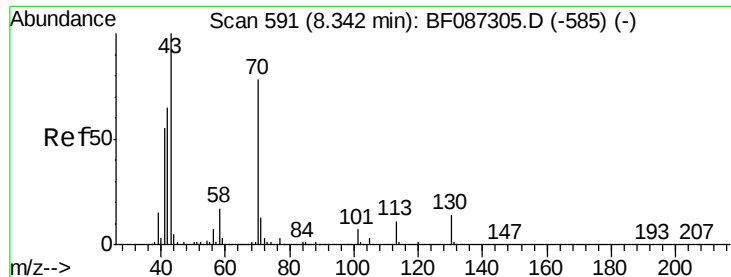


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

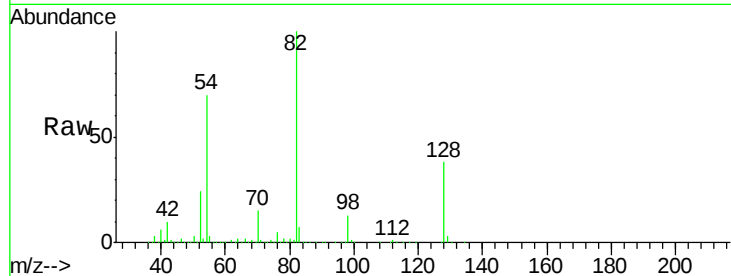




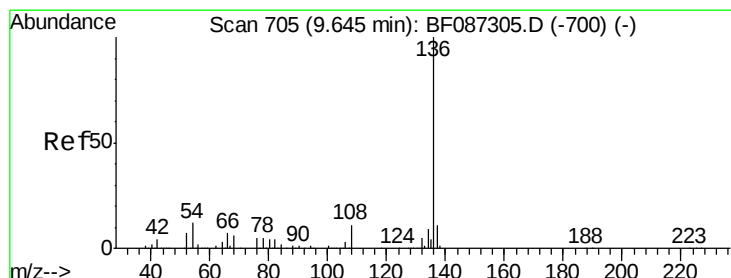
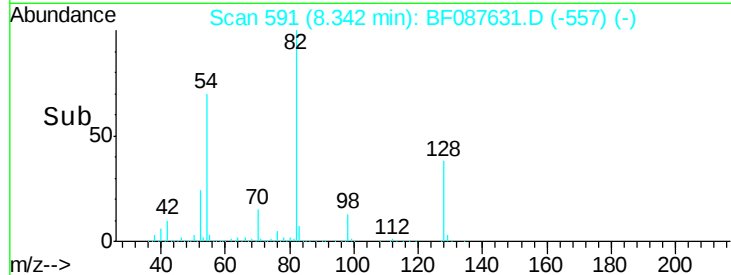
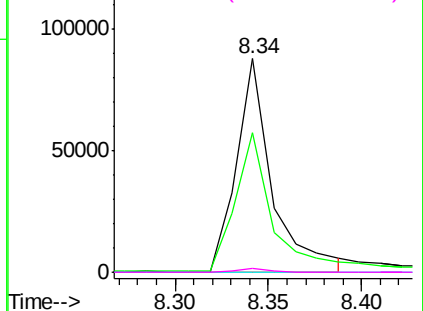
#19
n-Nitroso-di-n-propylamine
Concen: 17.39 ng
RT: 8.34 min Scan# 591
Delta R.T. 0.09 min
Lab File: BF087631.D
Acq: 1 Jun 2016 23:10

Instrument :
BNA_F
ClientSampleId :
W-49

Tgt Ion: 70 Resp: 118004
Ion Ratio Lower Upper
70 100
42 65.5 43.1 64.7#
101 0.0 8.1 12.1#
130 2.0 18.6 28.0#

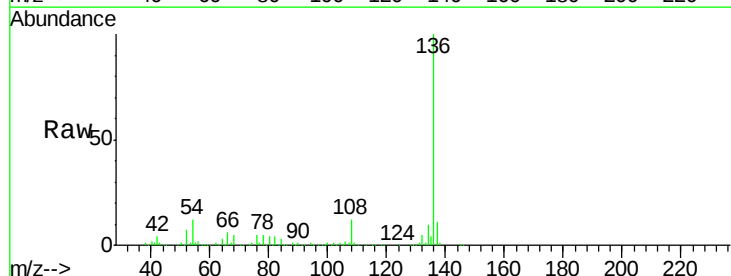


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

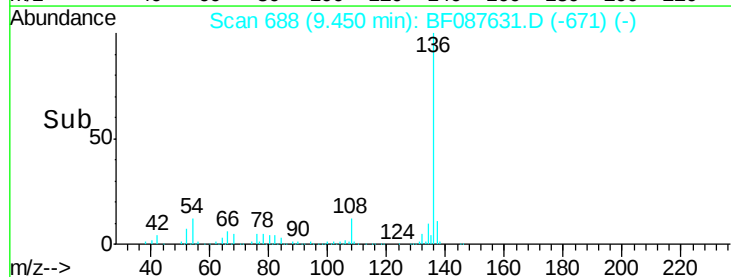
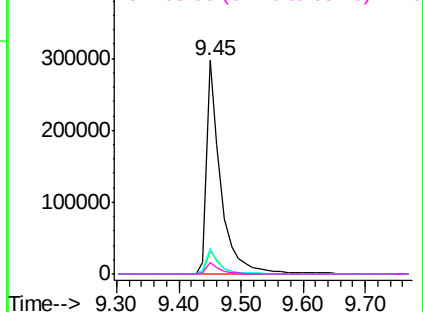


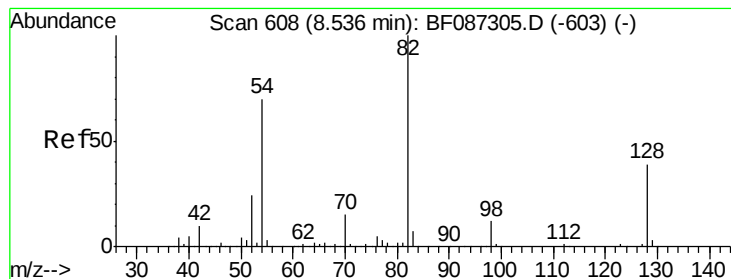
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.10 min
Lab File: BF087631.D
Acq: 1 Jun 2016 23:10

Tgt Ion:136 Resp: 466638
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 11.8 5.0 7.4#
68 5.4 4.4 6.6



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: 99.64 ng

RT: 8.34 min Scan# 591

Delta R.T. -0.10 min

Lab File: BF087631.D

Acq: 1 Jun 2016 23:10

Instrument :

BNA_F

ClientSampleId :

W-49

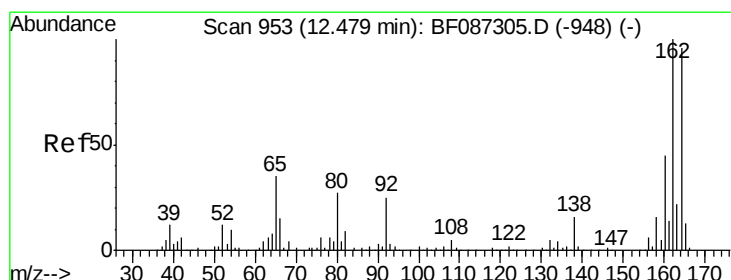
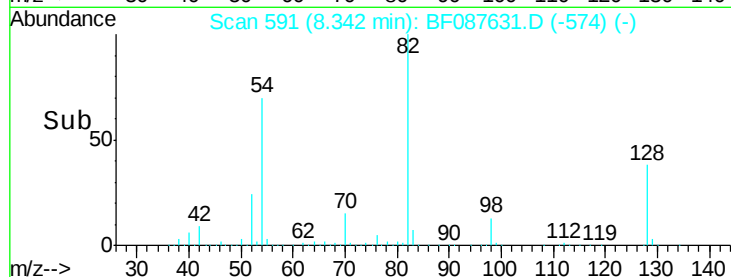
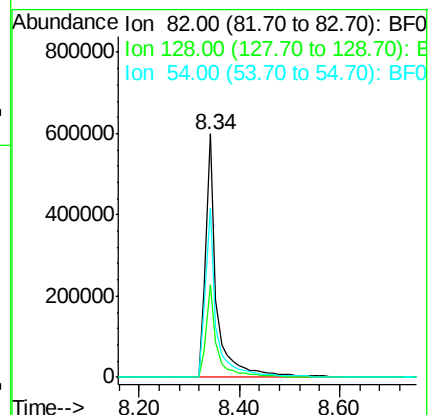
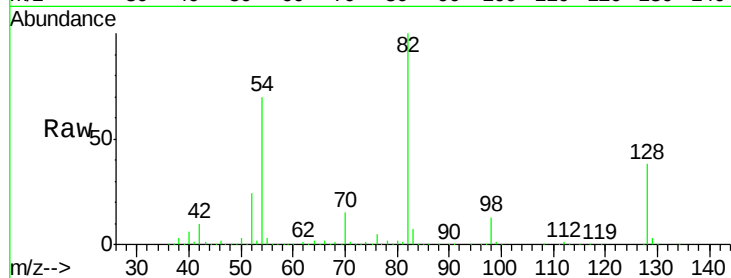
Tgt Ion: 82 Resp: 922534

Ion Ratio Lower Upper

82 100

128 37.9 40.6 61.0#

54 69.7 38.1 57.1#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.27 min Scan# 935

Delta R.T. -0.11 min

Lab File: BF087631.D

Acq: 1 Jun 2016 23:10

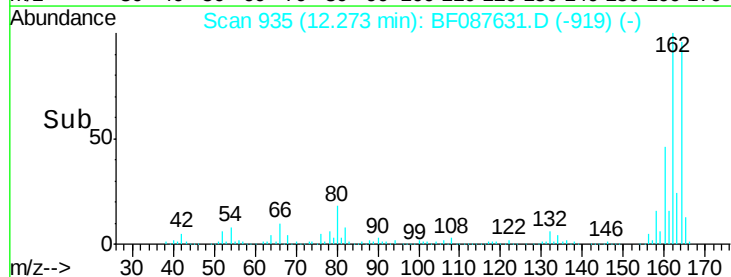
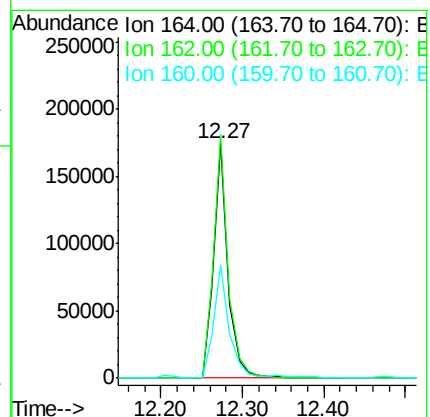
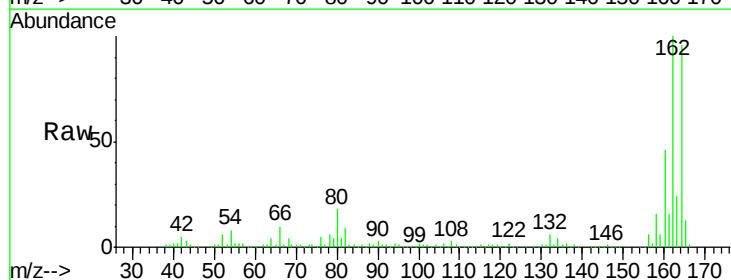
Tgt Ion: 164 Resp: 219027

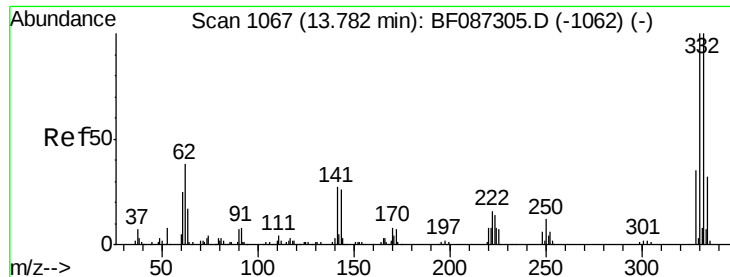
Ion Ratio Lower Upper

164 100

162 104.0 82.8 124.2

160 48.1 36.9 55.3

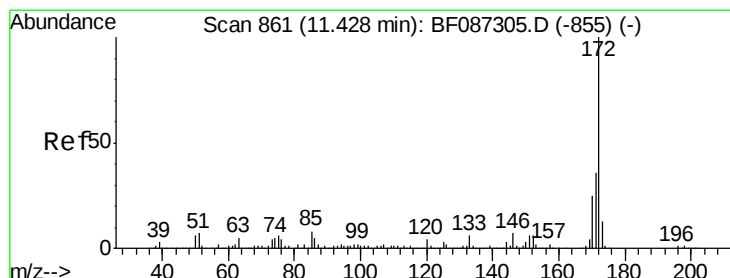
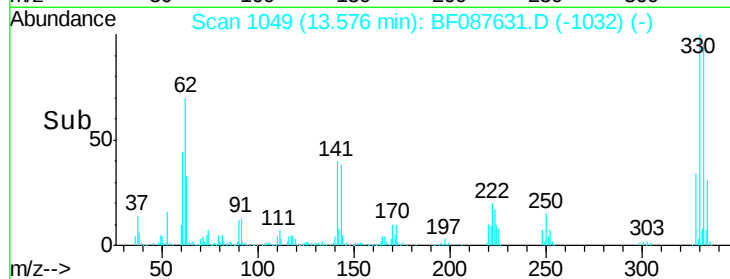
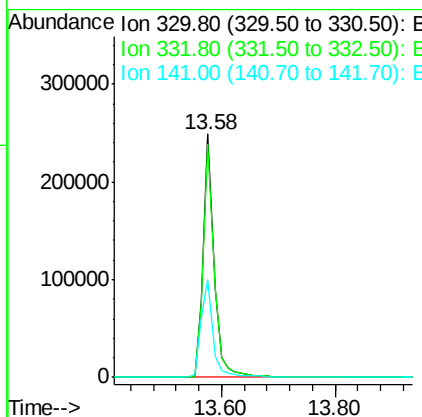
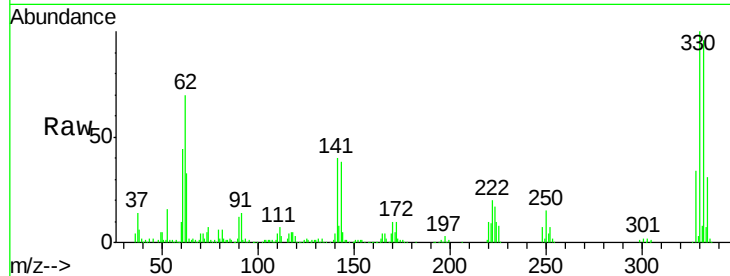




#41
 2,4,6-Tribromophenol
 Concen: 152.71 ng
 RT: 13.58 min Scan# 1049
 Delta R.T. -0.10 min
 Lab File: BF087631.D
 Acq: 1 Jun 2016 23:10

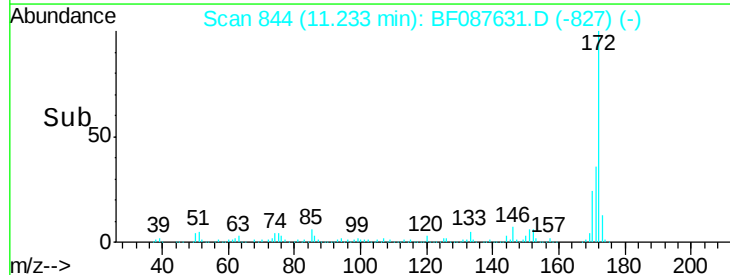
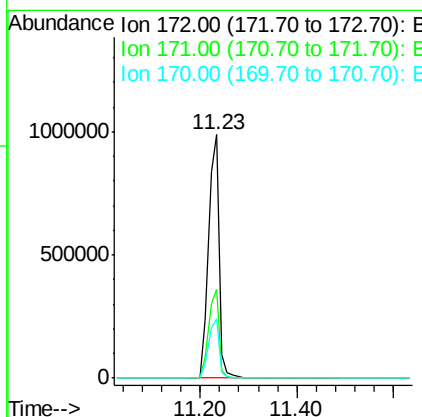
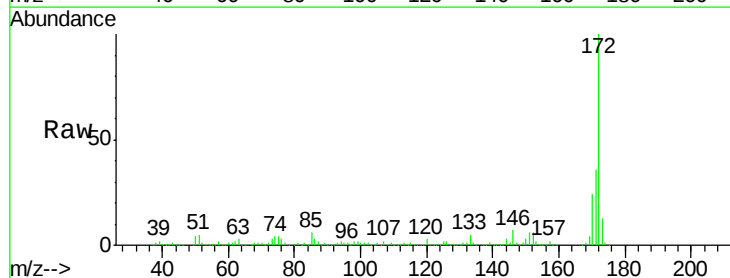
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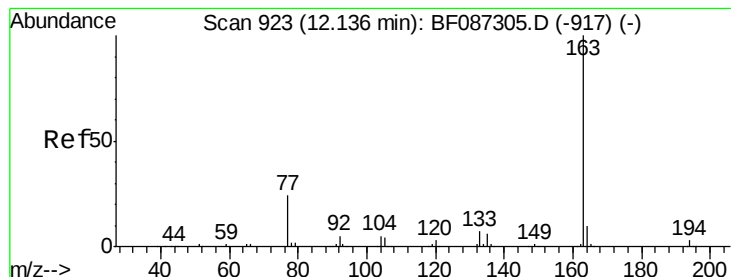
Tgt Ion:330 Resp: 321419
 Ion Ratio Lower Upper
 330 100
 332 97.0 79.0 118.4
 141 43.2 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 98.26 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.10 min
 Lab File: BF087631.D
 Acq: 1 Jun 2016 23:10

Tgt Ion:172 Resp: 1526648
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.2 19.8 29.8





#49

Dimethylphthalate

Concen: 4.16 ng

RT: 11.93 min Scan# 905

Delta R.T. -0.11 min

Lab File: BF087631.D

Acq: 1 Jun 2016 23:10

Instrument :

BNA_F

ClientSampleId :

W-49

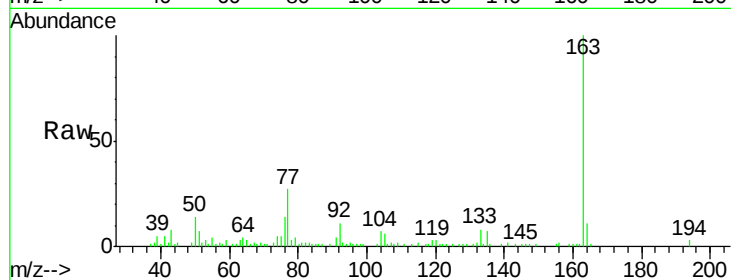
Tgt Ion:163 Resp: 72984

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

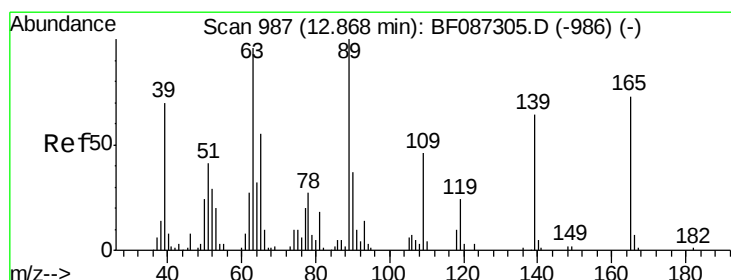
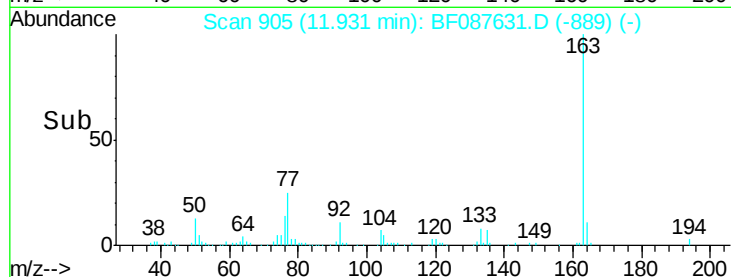
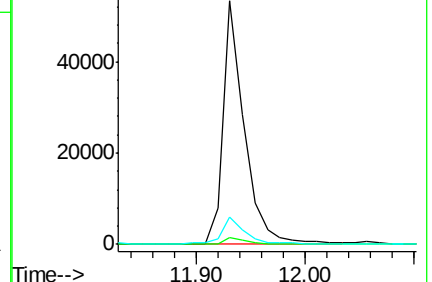
164 11.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#55

4-Nitrophenol

Concen: 2.06 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.11 min

Lab File: BF087631.D

Acq: 1 Jun 2016 23:10

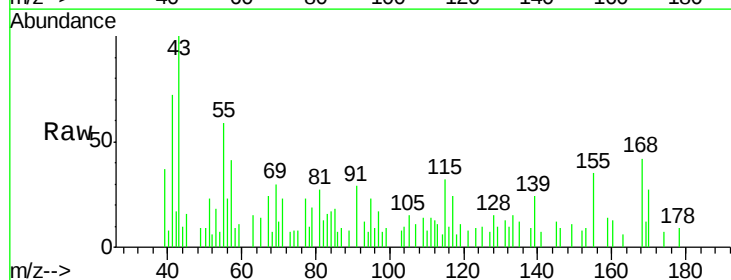
Tgt Ion:139 Resp: 3563

Ion Ratio Lower Upper

139 100

109 60.4 36.9 76.9

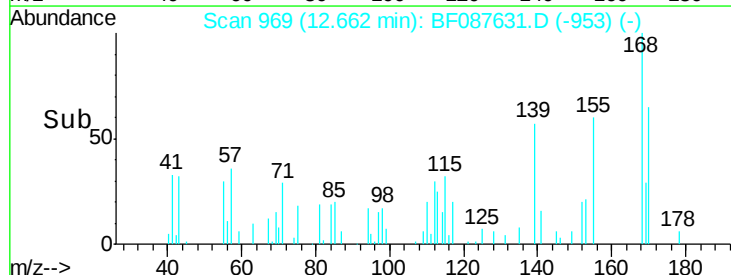
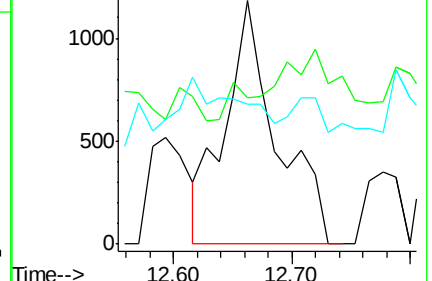
65 57.6 64.0 104.0#

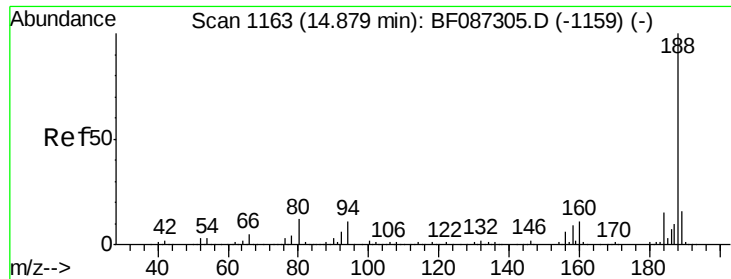


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

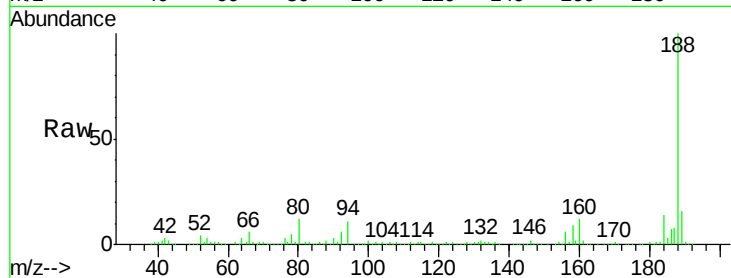




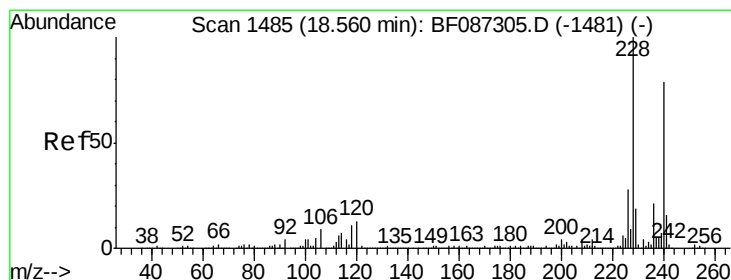
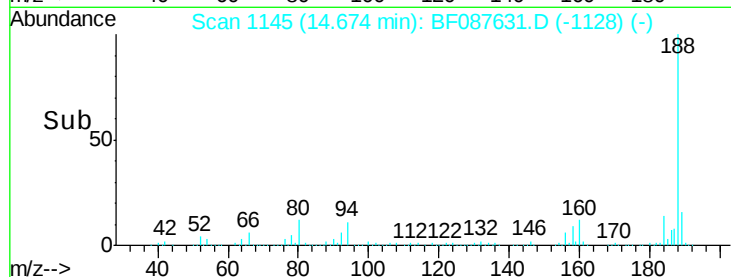
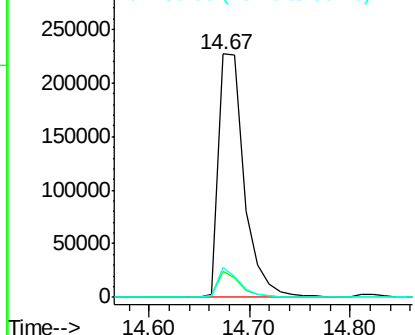
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.67 min Scan# 1145
Delta R.T. -0.10 min
Lab File: BF087631.D
Acq: 1 Jun 2016 23:10

Instrument :
BNA_F
ClientSampleId :
W-49

Tgt Ion:188 Resp: 405523
Ion Ratio Lower Upper
188 100
94 10.7 6.8 10.2#
80 12.5 7.1 10.7#

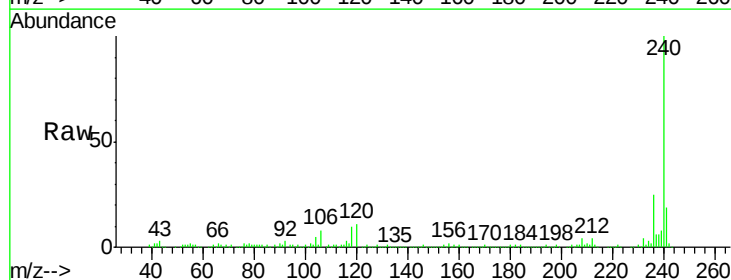


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

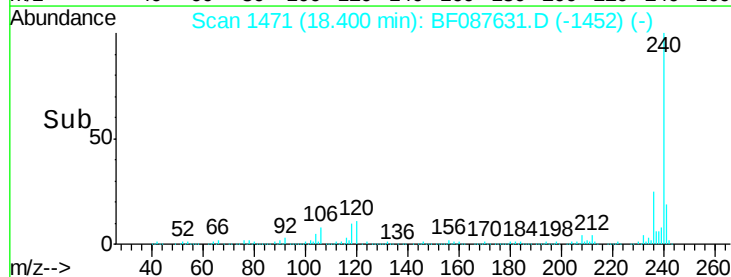
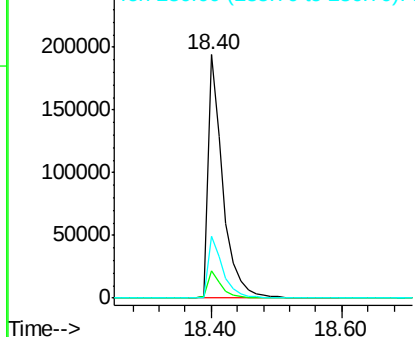


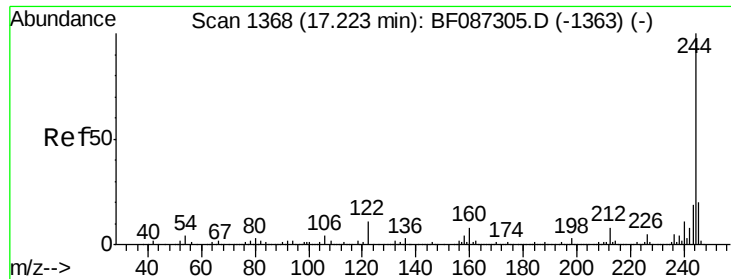
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.40 min Scan# 1471
Delta R.T. -0.08 min
Lab File: BF087631.D
Acq: 1 Jun 2016 23:10

Tgt Ion:240 Resp: 304645
Ion Ratio Lower Upper
240 100
120 11.0 11.2 16.8#
236 25.4 21.2 31.8



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

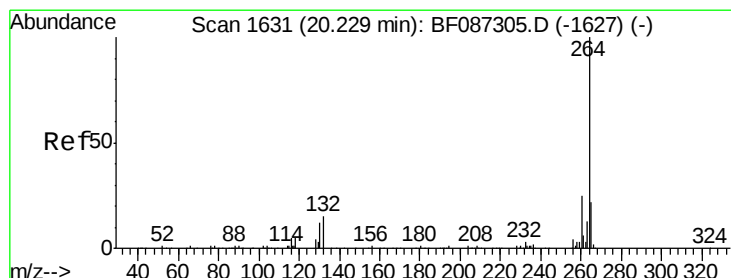
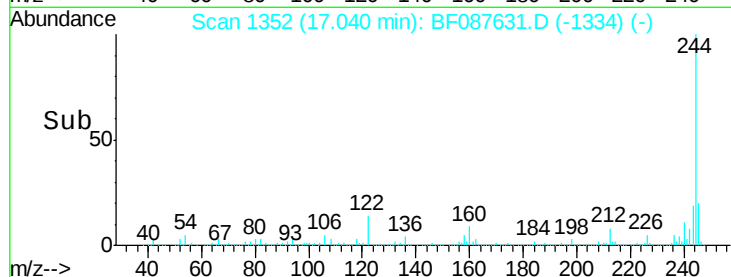
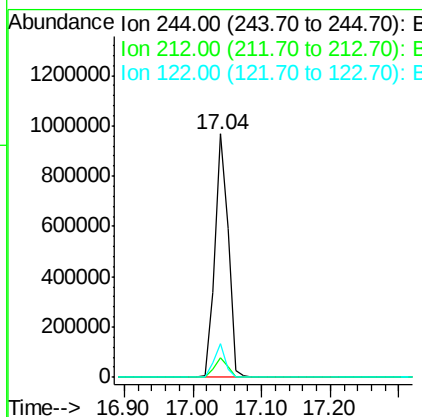
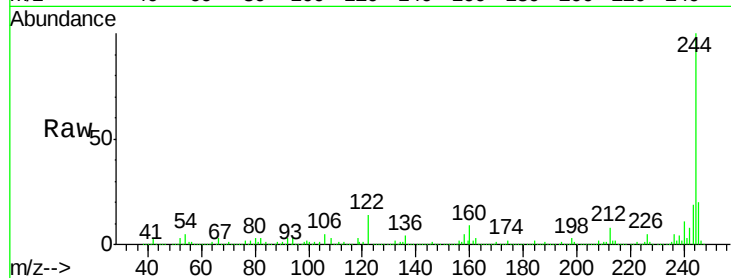




#78
 Terphenyl-d14
 Concen: 93.01 ng
 RT: 17.04 min Scan# 1352
 Delta R.T. -0.09 min
 Lab File: BF087631.D
 Acq: 1 Jun 2016 23:10

Instrument :
 BNA_F
 ClientSampleId :
 W-49

Tgt Ion:244 Resp: 1332826
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 13.7 12.0 18.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.09 min Scan# 1619
 Delta R.T. -0.05 min
 Lab File: BF087631.D
 Acq: 1 Jun 2016 23:10

Tgt Ion:264 Resp: 212115
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 20.7 17.3 25.9

