

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060117\
 Data File : BF095614.D
 Acq On : 2 Jun 2017 2:50
 Operator : SJ/MA
 Sample : I3409-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 02 04:52:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 18:51:16 2017
 Response via : Initial Calibration

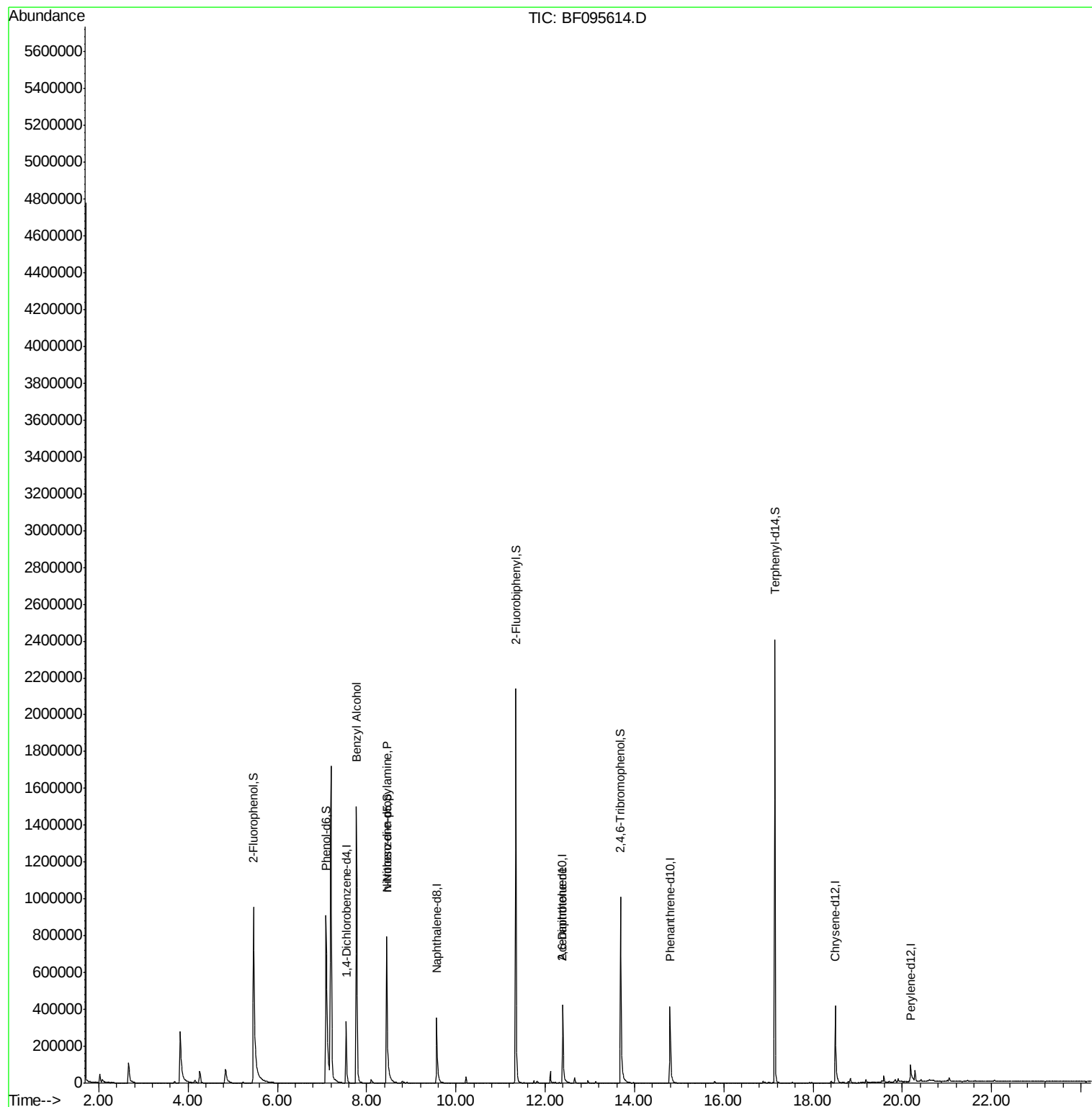
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	81784	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	325624	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	135474	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	282013	20.00	ng	0.00
75) Chrysene-d12	18.50	240	232888	20.00	ng	0.00
86) Perylene-d12	20.19	264	36808	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	715379	145.83	ng	0.02
7) Phenol-d6	7.09	99	798435	135.66	ng	0.00
23) Nitrobenzene-d5	8.45	82	501721	97.16	ng	-0.01
41) 2,4,6-Tribromophenol	13.69	330	203605	183.51	ng	0.00
44) 2-Fluorobiphenyl	11.35	172	1046647	111.20	ng	0.00
78) Terphenyl-d14	17.15	244	972151	91.94	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.77	79	9011	2.38	ng	# 41
19) n-Nitroso-di-n-propylamine	8.45	70	60572	15.22	ng	# 73
50) 2,6-Dinitrotoluene	12.39	165	16099	7.10	ng	# 31

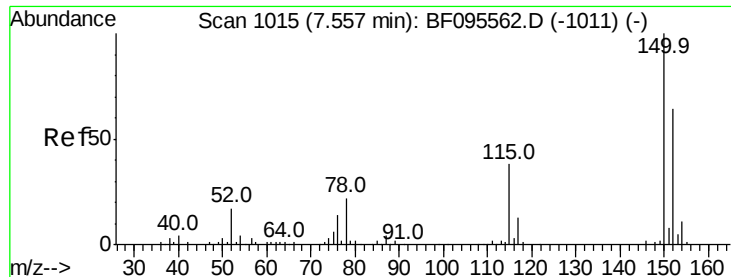
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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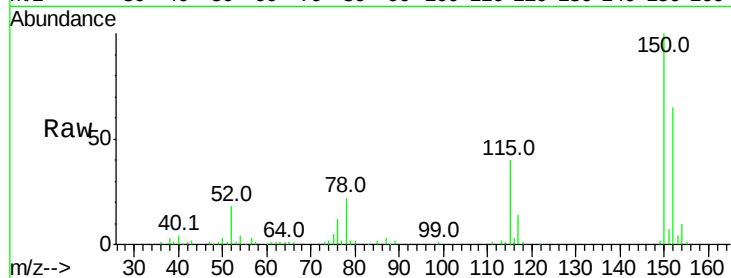


#1

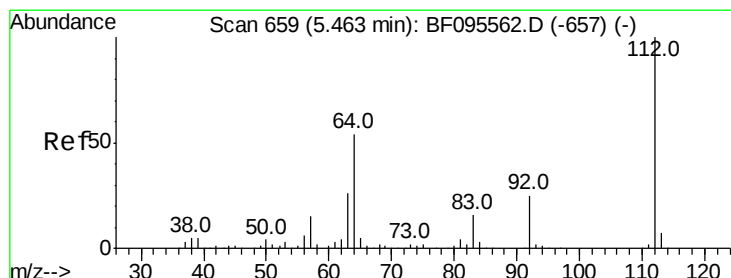
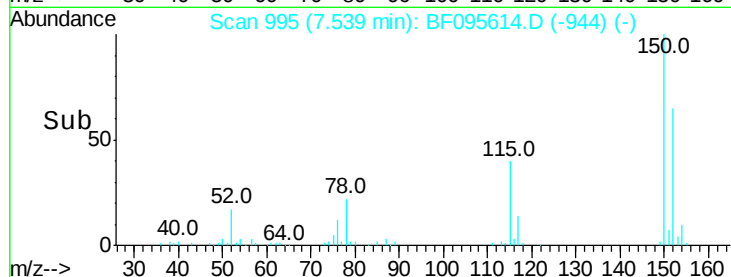
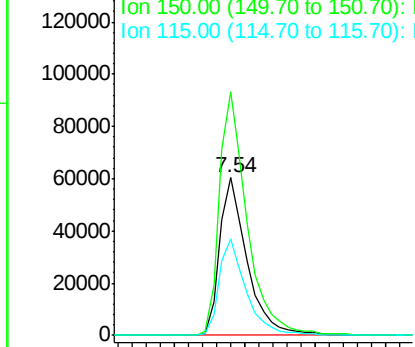
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.54 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF095614.D
 Acq: 2 Jun 2017 2:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.2	189.2
115	61.3	52.2	78.2



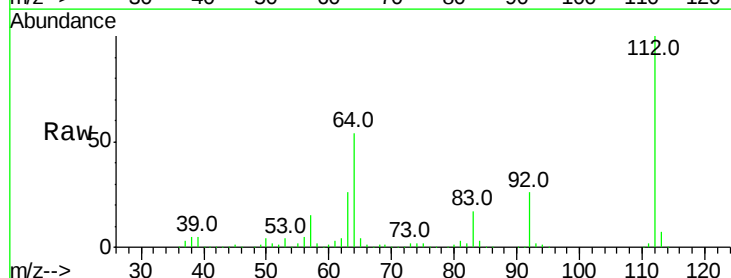
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



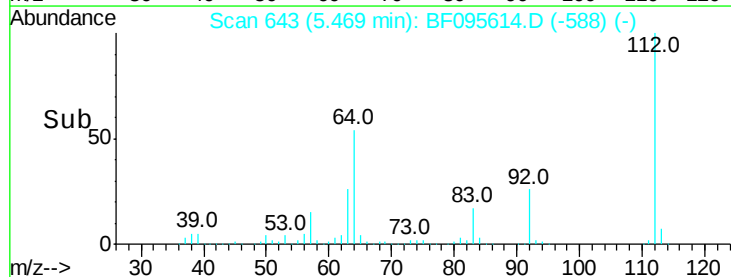
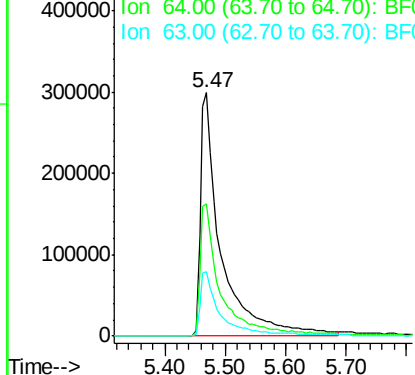
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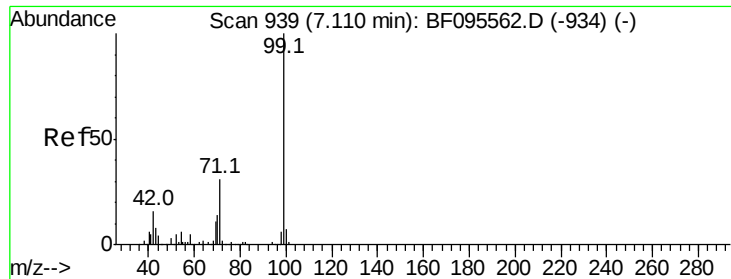
2-Fluorophenol
 Concen: 145.83 ng
 RT: 5.47 min Scan# 643
 Delta R.T. 0.02 min
 Lab File: BF095614.D
 Acq: 2 Jun 2017 2:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.2	46.0	69.0
63	26.3	23.4	35.0



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: 135.66 ng

RT: 7.09 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF095614.D

Acq: 2 Jun 2017 2:50

Instrument :

BNA_F

ClientSampleId :

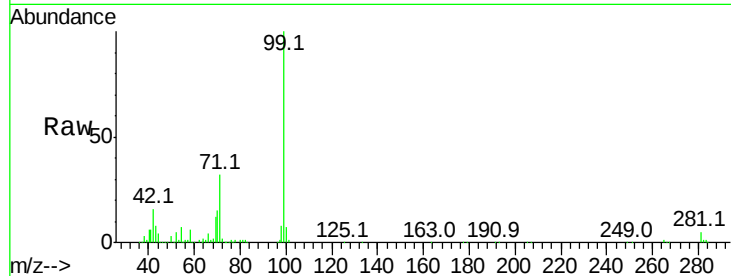
Tot Ion: 99 Resp: 798435

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

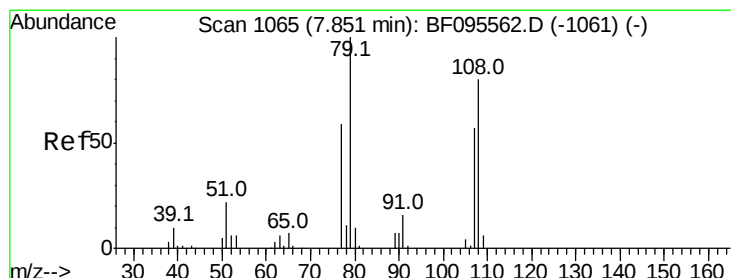
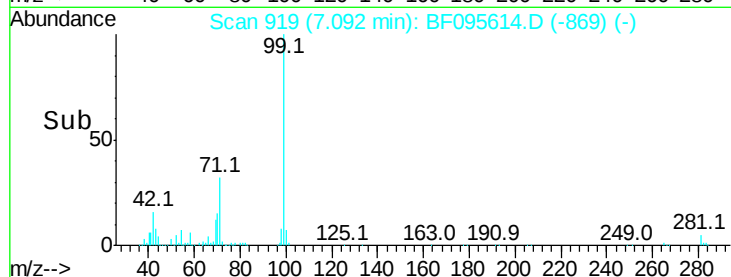
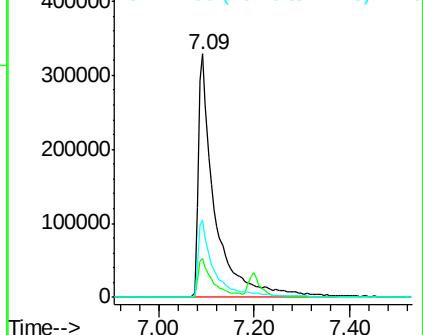
71 31.8 24.5 36.7



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: 2.38 ng

RT: 7.77 min Scan# 1035

Delta R.T. -0.06 min

Lab File: BF095614.D

Acq: 2 Jun 2017 2:50

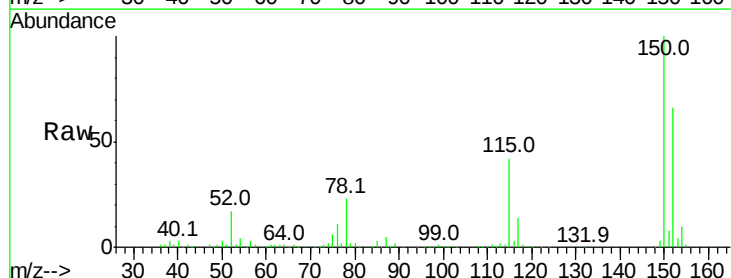
Tgt Ion: 79 Resp: 9011

Ion Ratio Lower Upper

79 100

108 30.3 63.4 95.0#

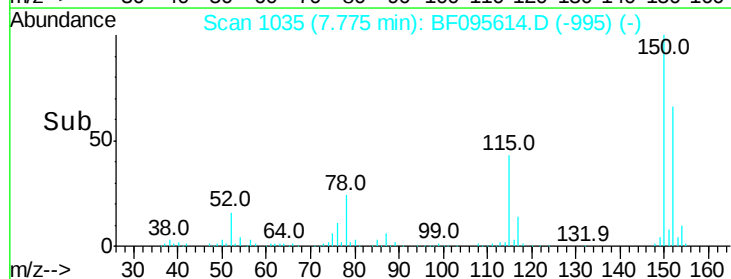
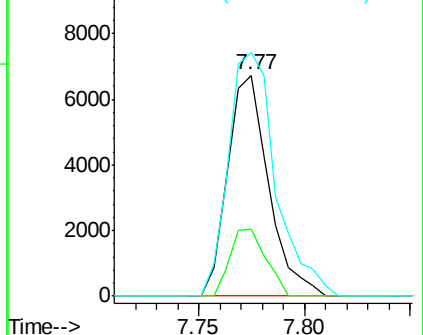
77 110.1 49.2 73.8#

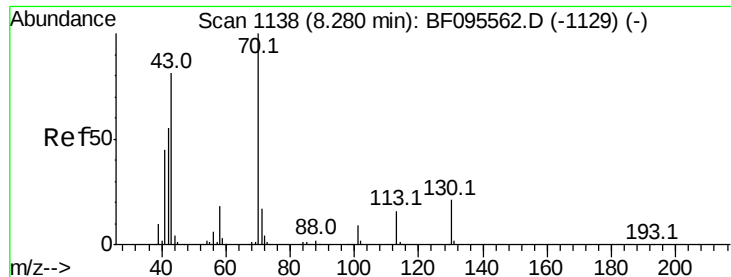


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 15.22 ng

RT: 8.45 min Scan# 1150

Delta R.T. 0.18 min

Lab File: BF095614.D

Acq: 2 Jun 2017 2:50

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 60572

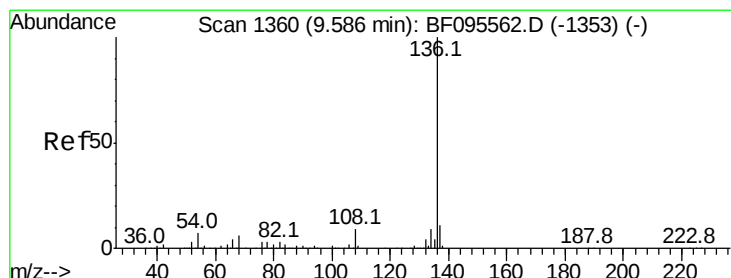
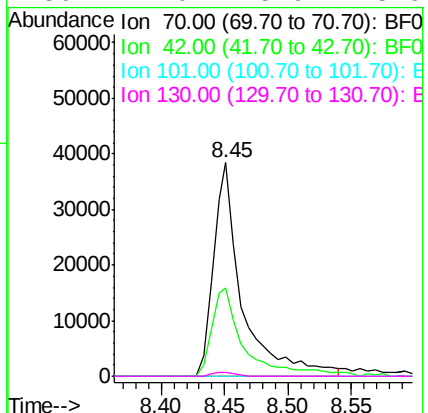
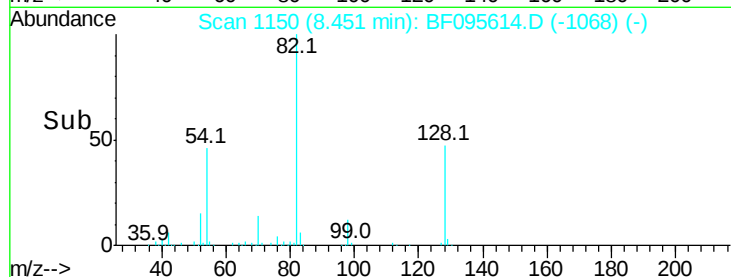
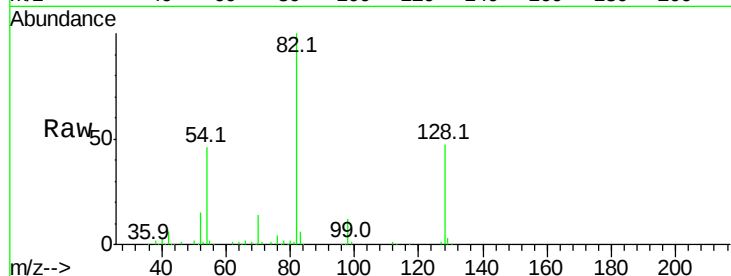
Ion Ratio Lower Upper

70 100

42 41.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.57 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF095614.D

Acq: 2 Jun 2017 2:50

Tgt Ion: 136 Resp: 325624

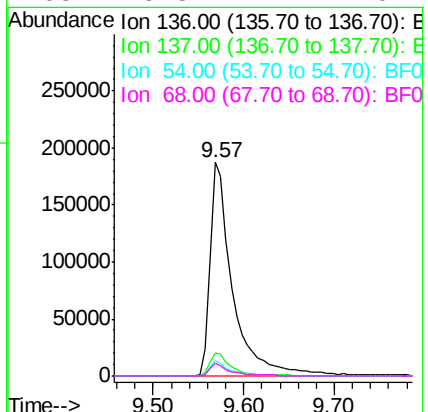
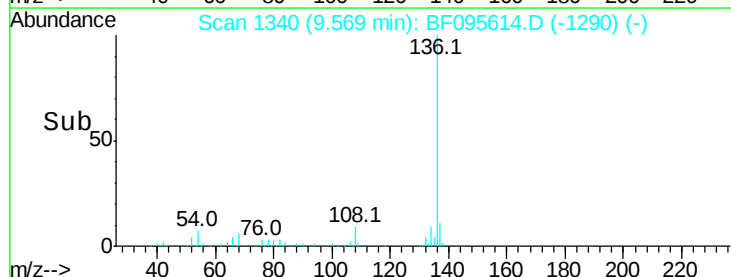
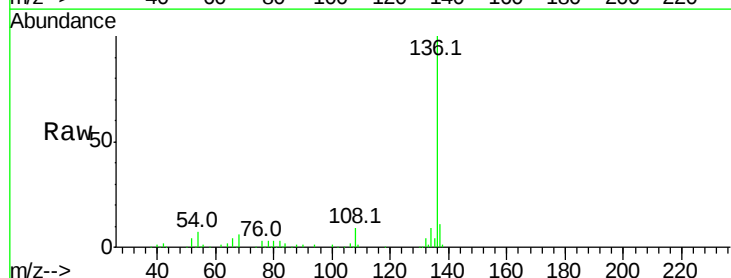
Ion Ratio Lower Upper

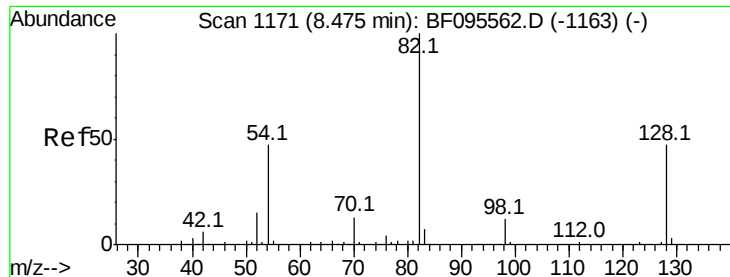
136 100

137 10.7 8.5 12.7

54 7.1 4.9 7.3

68 5.8 4.1 6.1

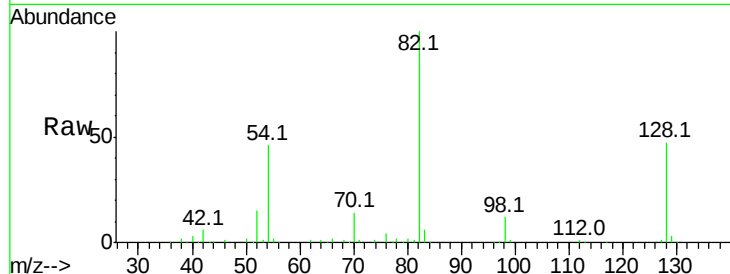




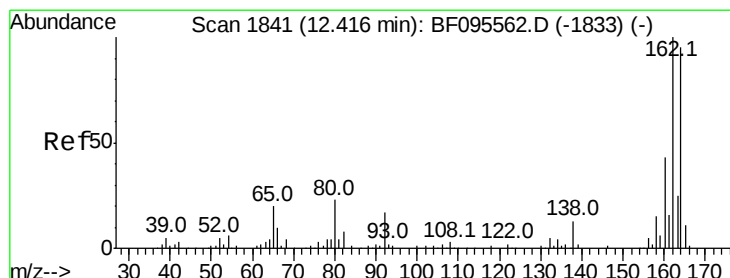
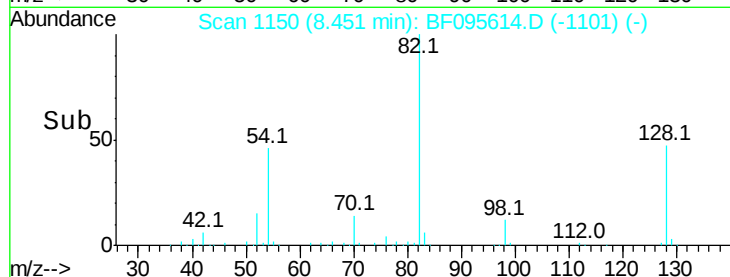
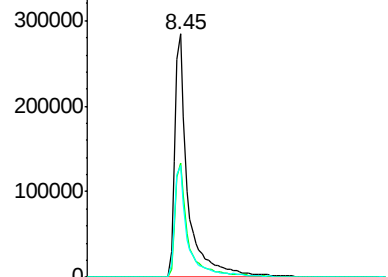
#23
Nitrobenzene-d5
Concen: 97.16 ng
RT: 8.45 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF095614.D
Acq: 2 Jun 2017 2:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 501721
Ion Ratio Lower Upper
82 100
128 46.9 34.0 51.0
54 45.9 42.2 63.2

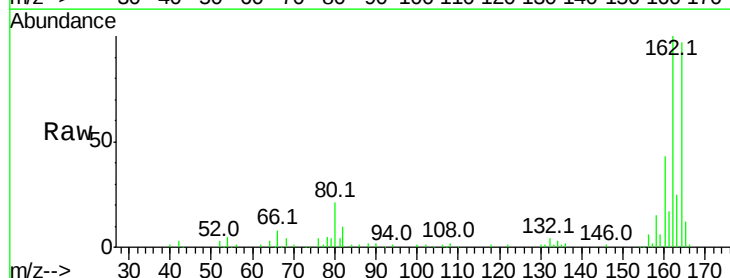


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

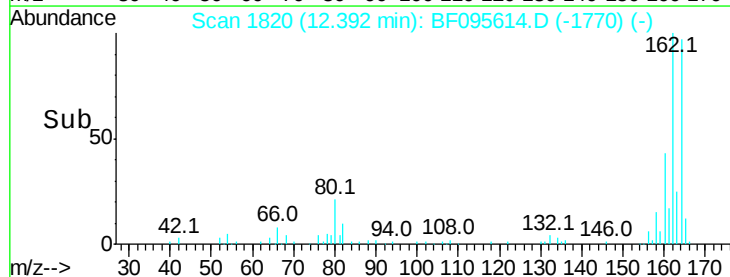
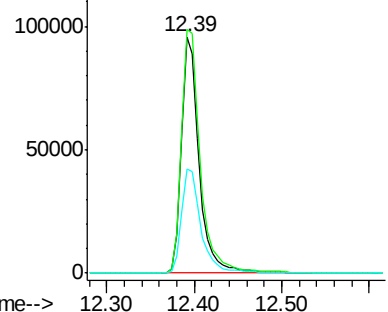


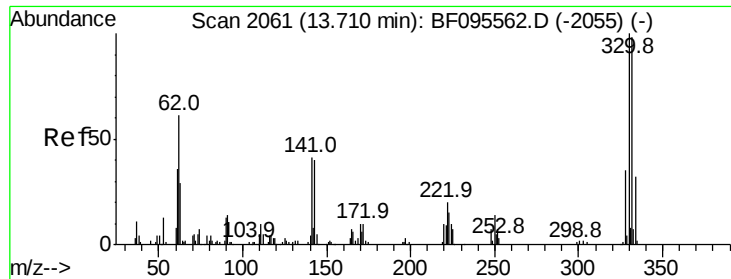
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.39 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF095614.D
Acq: 2 Jun 2017 2:50

Tgt Ion:164 Resp: 135474
Ion Ratio Lower Upper
164 100
162 102.9 82.6 123.8
160 44.0 36.2 54.2



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

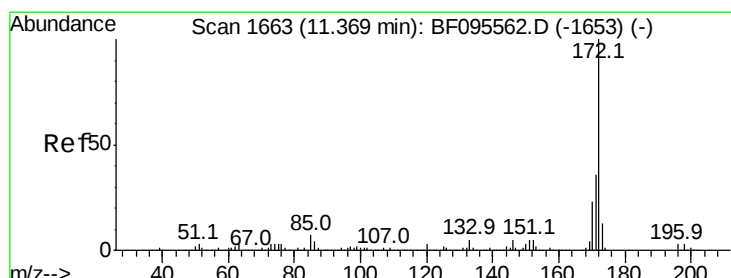
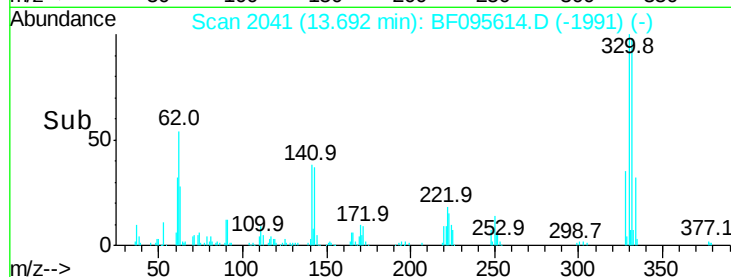
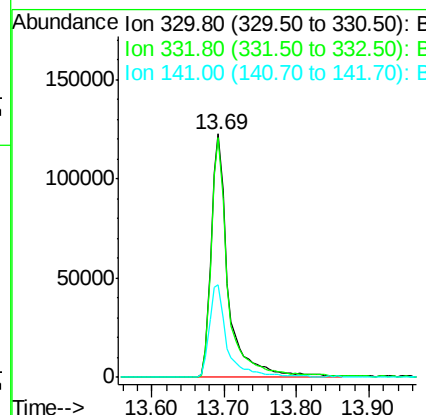
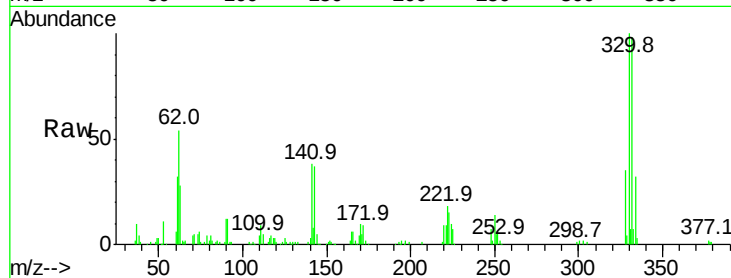




#41
 2,4,6-Tribromophenol
 Concen: 183.51 ng
 RT: 13.69 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF095614.D
 Acq: 2 Jun 2017 2:50

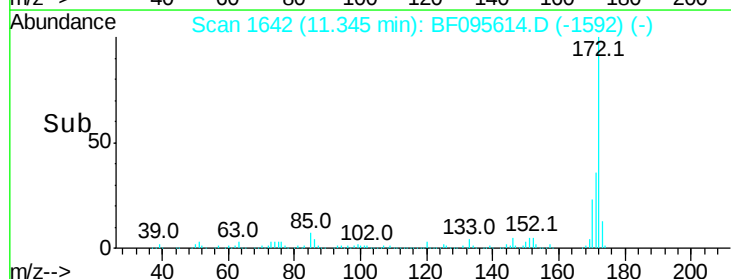
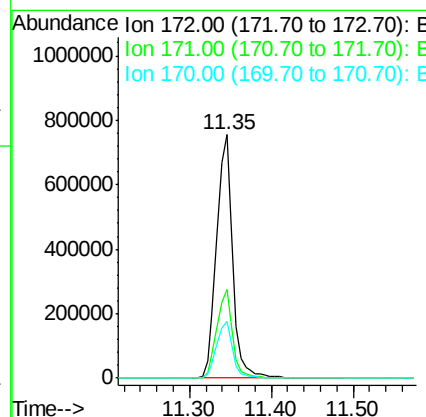
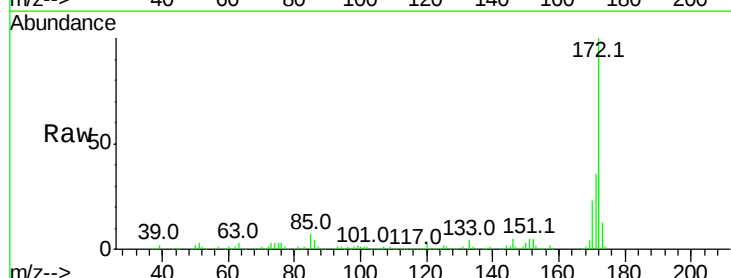
Instrument :
 BNA_F
 ClientSampleId :

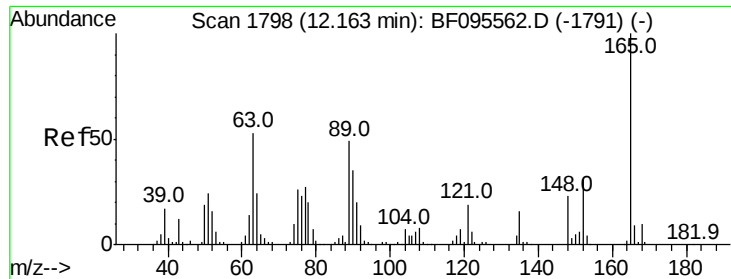
Tot Ion:330 Resp: 203605
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.6 115.0
 141 39.6 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 111.20 ng
 RT: 11.35 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BF095614.D
 Acq: 2 Jun 2017 2:50

Tgt Ion:172 Resp: 1046647
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.4 19.8 29.8

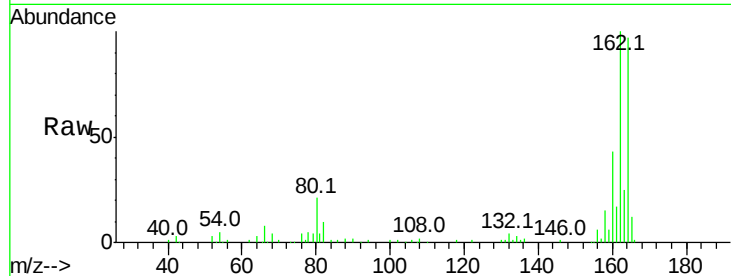




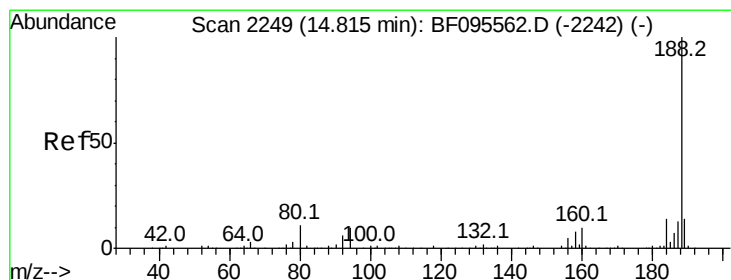
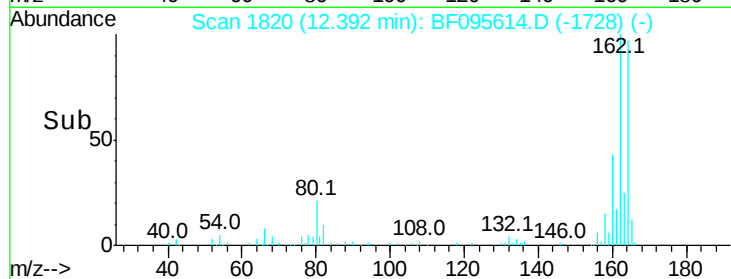
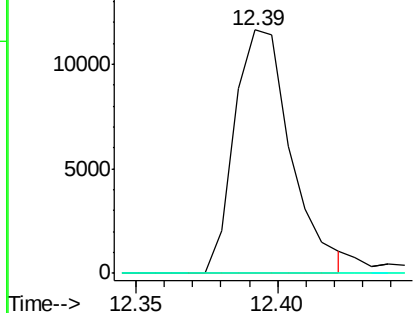
#50
 2,6-Dinitrotoluene
 Concen: 7.10 ng
 RT: 12.39 min Scan# 1820
 Delta R.T. 0.24 min
 Lab File: BF095614.D
 Acq: 2 Jun 2017 2:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 16099
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

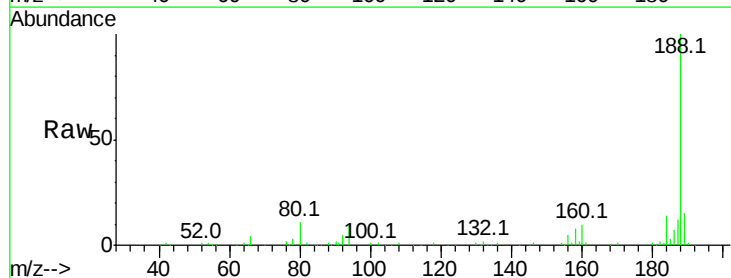


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

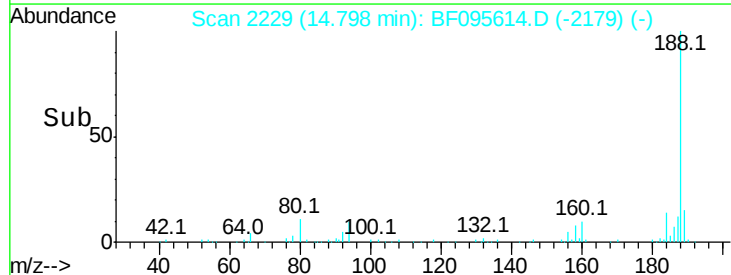
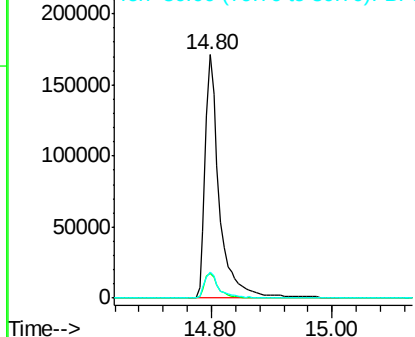


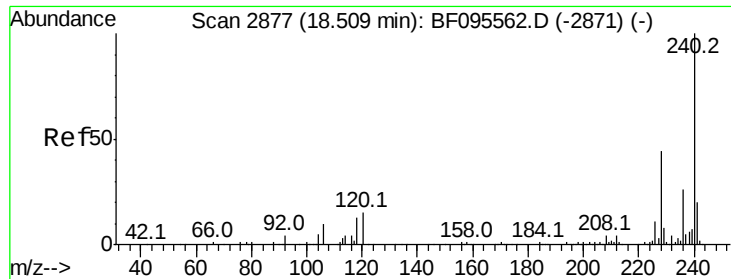
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BF095614.D
 Acq: 2 Jun 2017 2:50

Tgt Ion:188 Resp: 282013
 Ion Ratio Lower Upper
 188 100
 94 10.2 9.4 14.2
 80 10.9 10.2 15.2



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

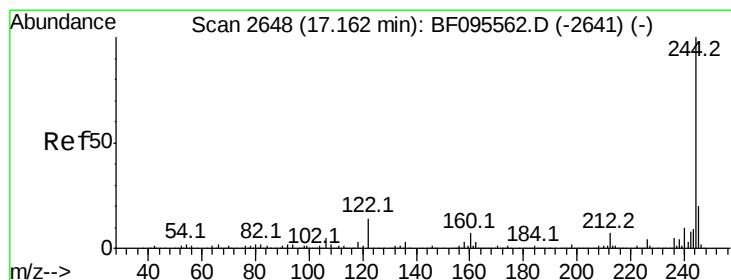
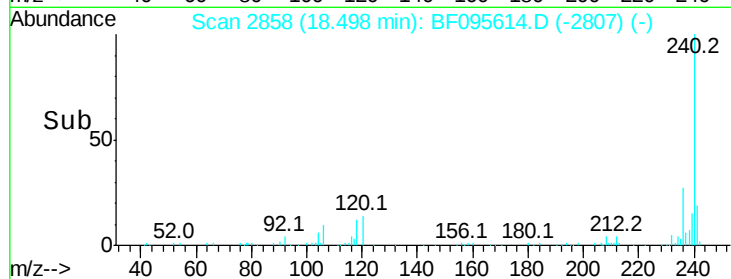
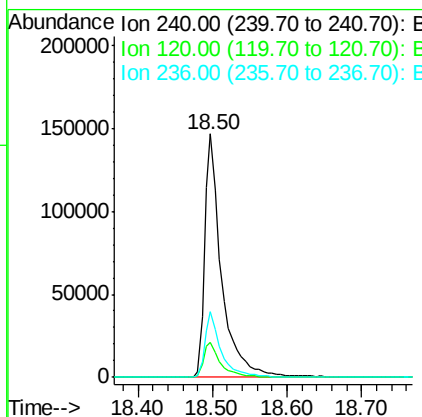
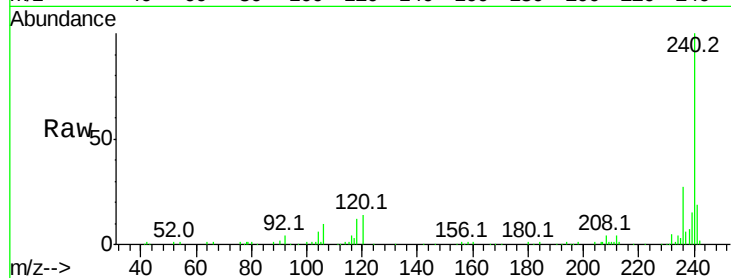




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.50 min Scan# 2858
 Delta R.T. -0.00 min
 Lab File: BF095614.D
 Acq: 2 Jun 2017 2:50

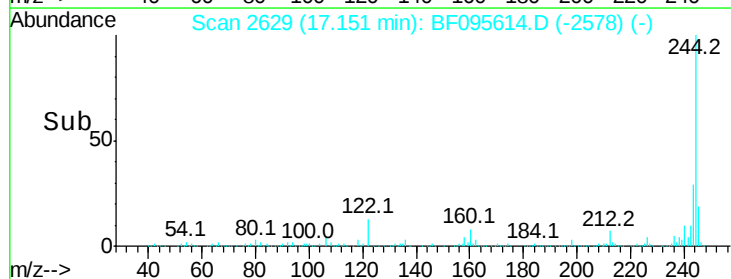
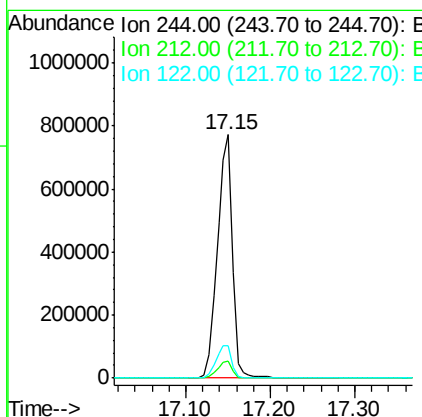
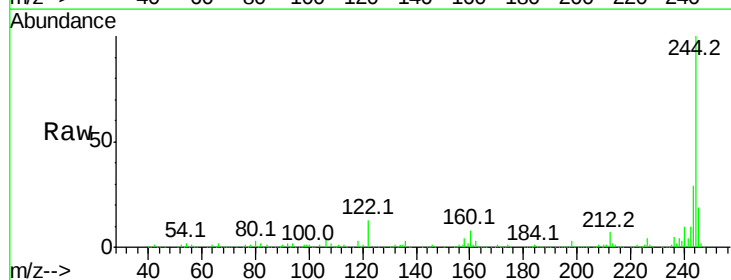
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 ClientSampleId :

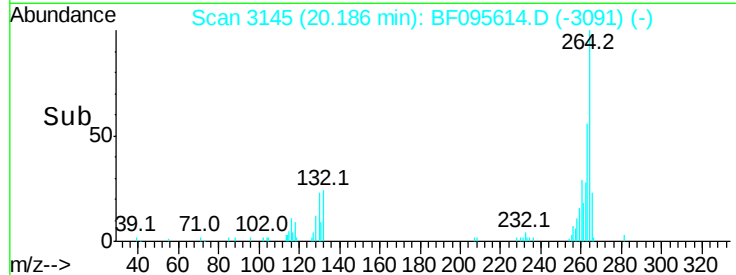
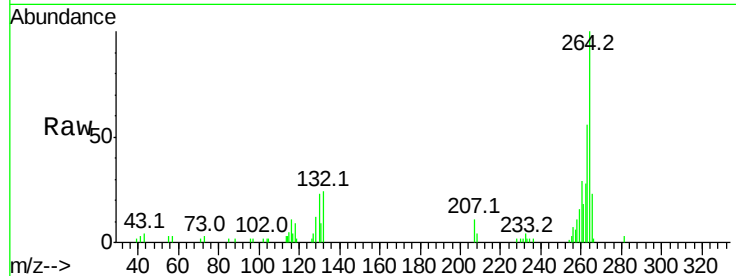
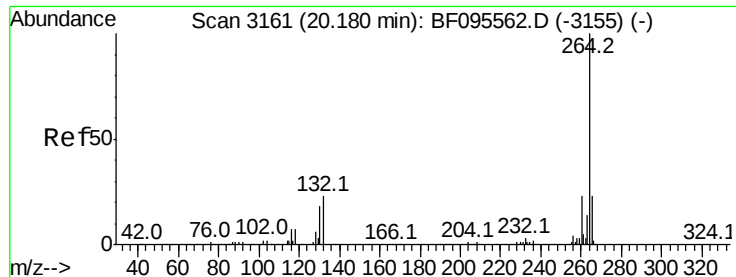
Tot Ion:240 Resp: 232888
 Ion Ratio Lower Upper
 240 100
 120 14.5 5.8 8.8#
 236 27.0 20.5 30.7



#78
 Terphenyl-d14
 Concen: 91.94 ng
 RT: 17.15 min Scan# 2629
 Delta R.T. -0.00 min
 Lab File: BF095614.D
 Acq: 2 Jun 2017 2:50

Tgt Ion:244 Resp: 972151
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 13.1 10.3 15.5





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.19 min Scan# 3145
 Delta R.T. 0.02 min
 Lab File: BF095614.D
 Acq: 2 Jun 2017 2:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	29.2	19.5	29.3
265	23.1	17.2	25.8

