

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051917\
 Data File : BF095293.D
 Acq On : 20 May 2017 8:51
 Operator : SJ/MA
 Sample : I3228-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 22 01:55:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

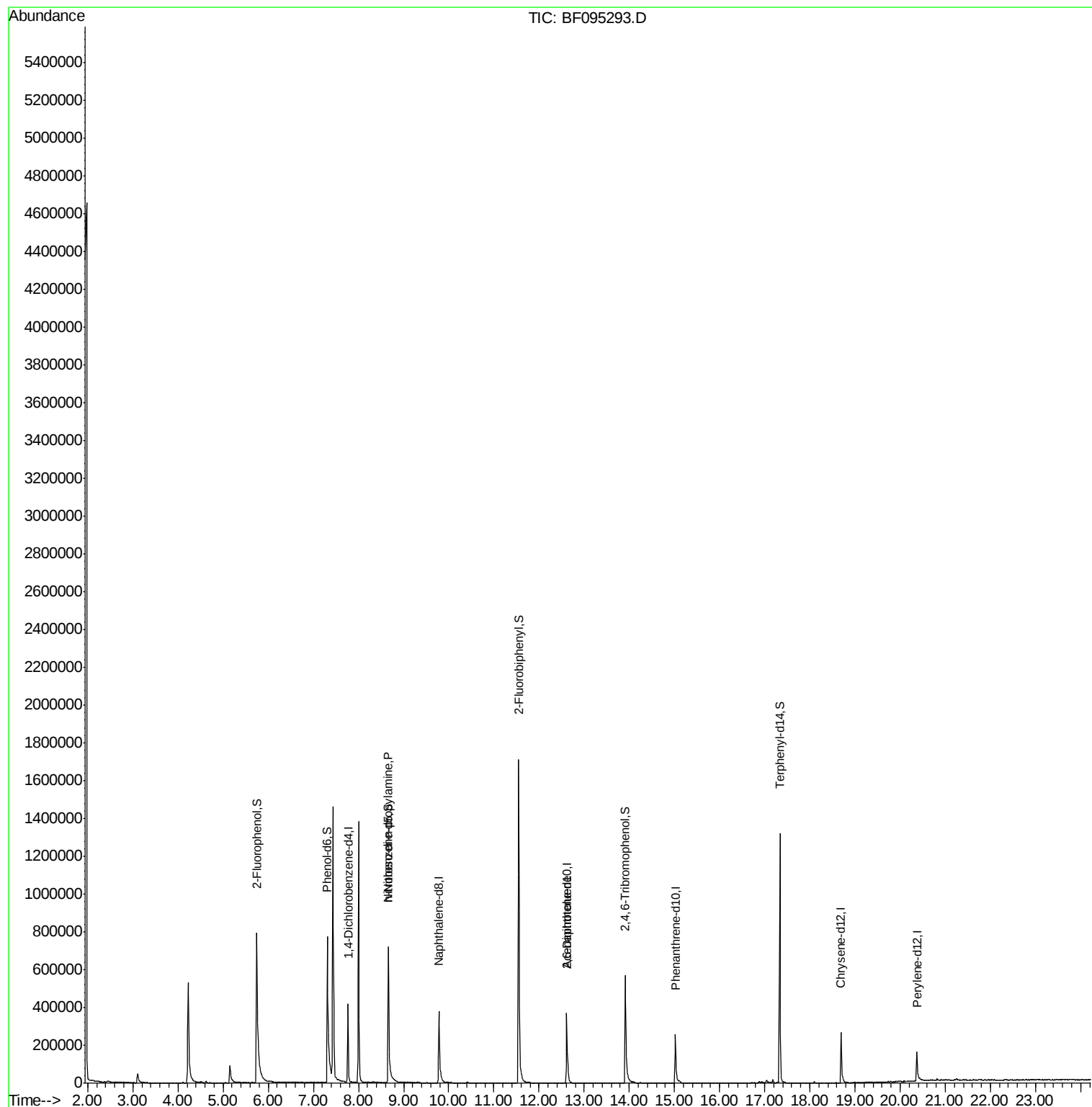
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	90540	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	364507	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	145448	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	187919	20.00	ng	0.00
75) Chrysene-d12	18.69	240	155964	20.00	ng	0.00
86) Perylene-d12	20.37	264	95623	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.74	112	627439	115.54	ng	0.00
7) Phenol-d6	7.31	99	675727	103.70	ng	0.00
23) Nitrobenzene-d5	8.66	82	472314	81.71	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	134925	113.27	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	955881	94.59	ng	0.00
78) Terphenyl-d14	17.34	244	550645	77.76	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.66	70	54773	12.43	ng	# 76
50) 2,6-Dinitrotoluene	12.62	165	14501	5.95	ng	# 31

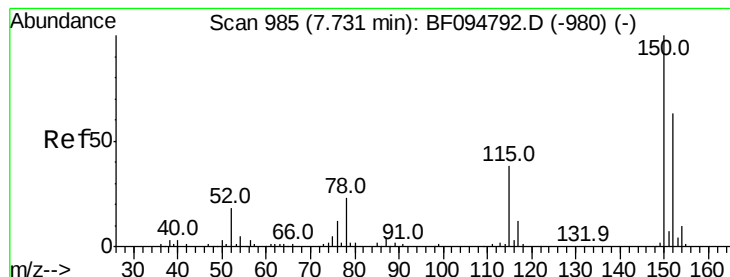
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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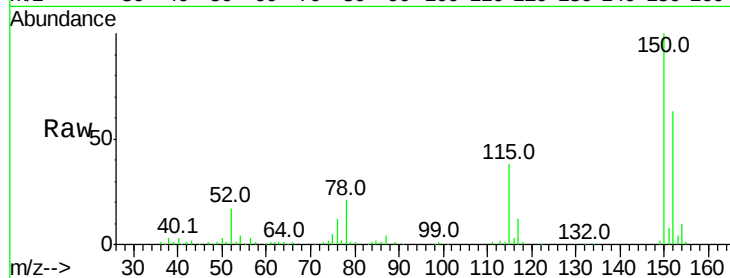


#1

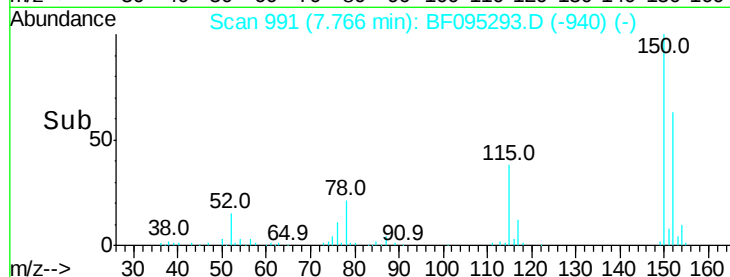
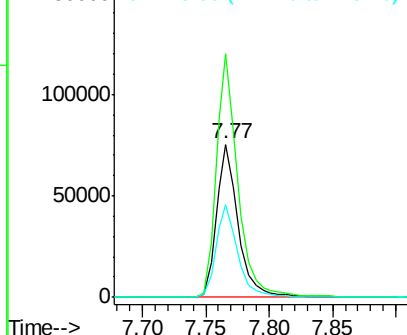
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF095293.D
Acq: 20 May 2017 8:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 90540
Ion Ratio Lower Upper
152 100
150 159.1 126.2 189.2
115 60.1 52.2 78.2



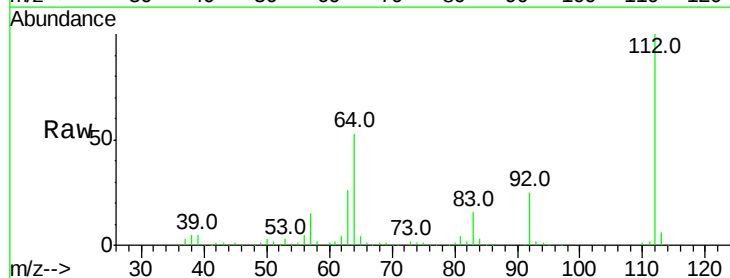
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



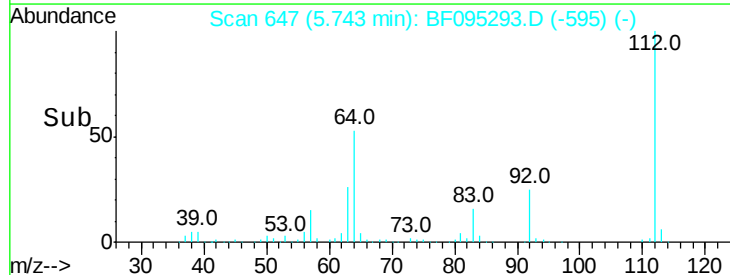
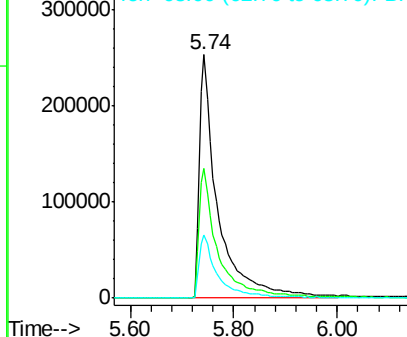
#5

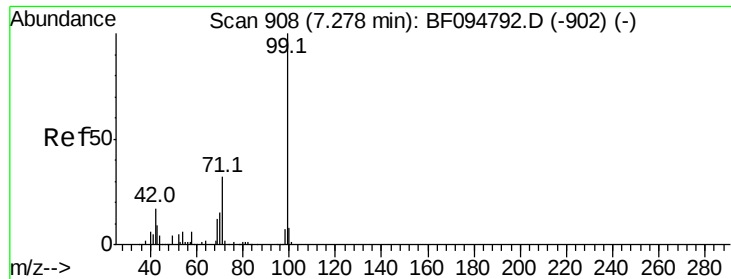
2-Fluorophenol
Concen: 115.54 ng
RT: 5.74 min Scan# 647
Delta R.T. 0.01 min
Lab File: BF095293.D
Acq: 20 May 2017 8:51

Tgt Ion:112 Resp: 627439
Ion Ratio Lower Upper
112 100
64 53.1 46.0 69.0
63 25.7 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: 103.70 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095293.D

Acq: 20 May 2017 8:51

Instrument :

BNA_F

ClientSampleId :

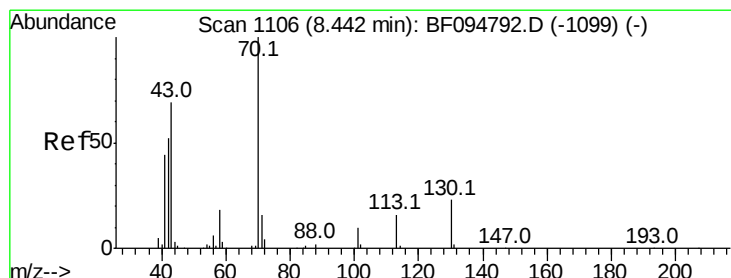
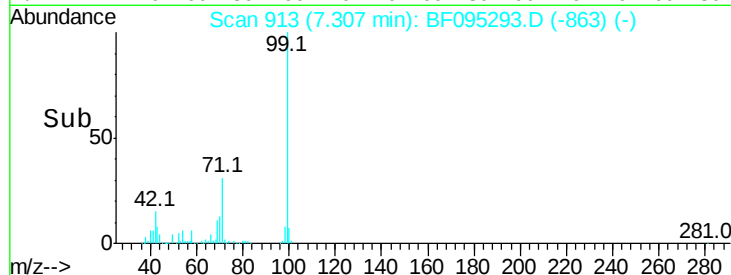
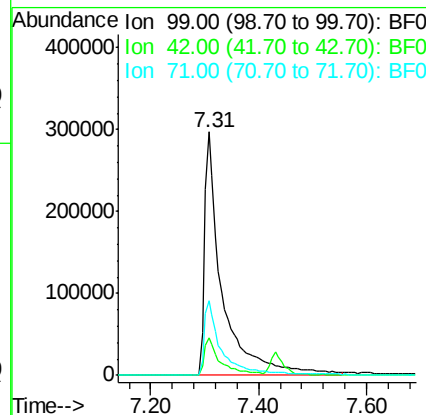
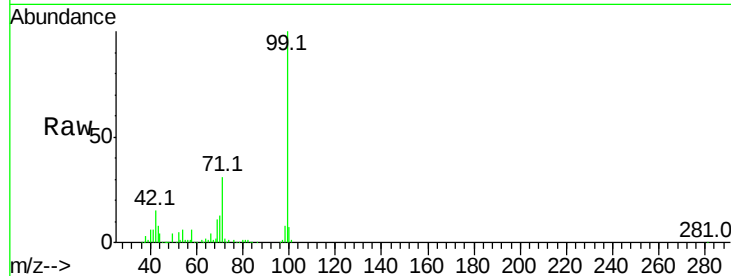
Tot Ion: 99 Resp: 675727

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

71 30.9 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 12.43 ng

RT: 8.66 min Scan# 1143

Delta R.T. 0.18 min

Lab File: BF095293.D

Acq: 20 May 2017 8:51

Tgt Ion: 70 Resp: 54773

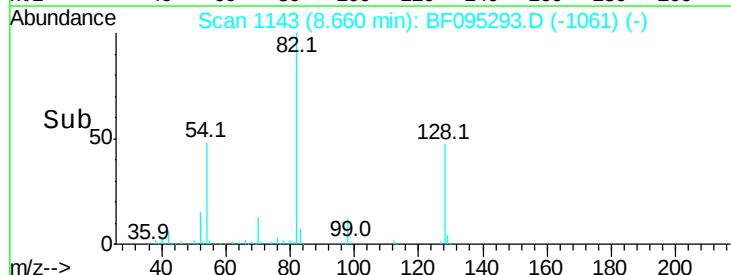
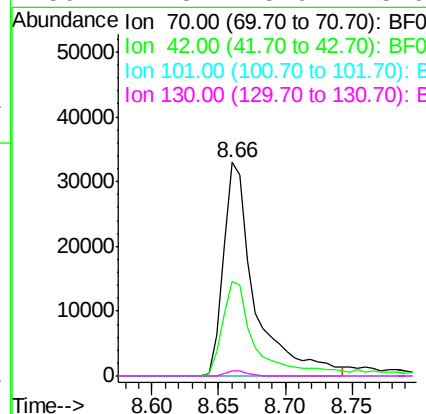
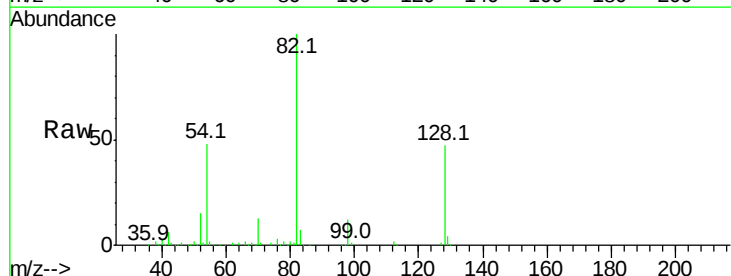
Ion Ratio Lower Upper

70 100

42 44.6 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#

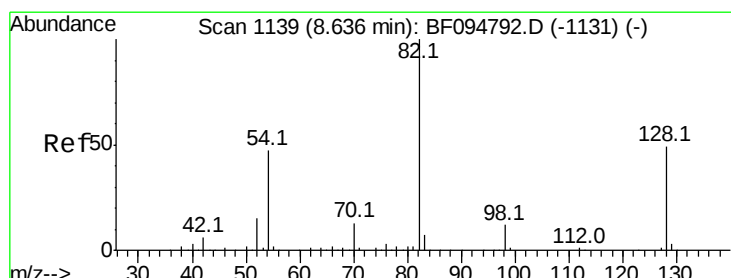
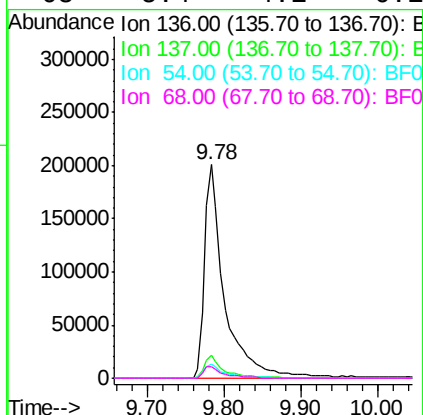
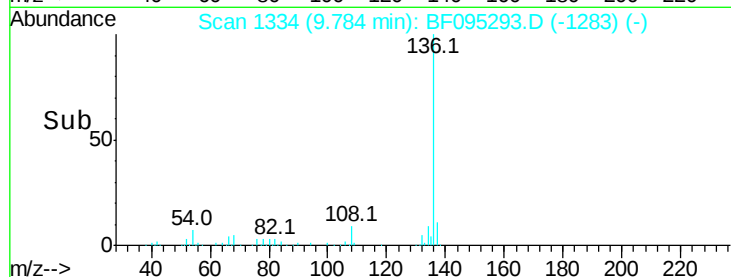
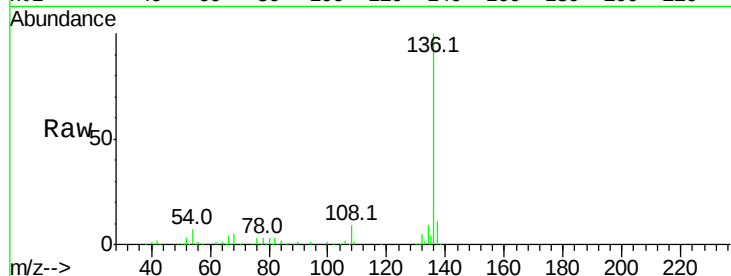




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.78 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF095293.D
Acq: 20 May 2017 8:51

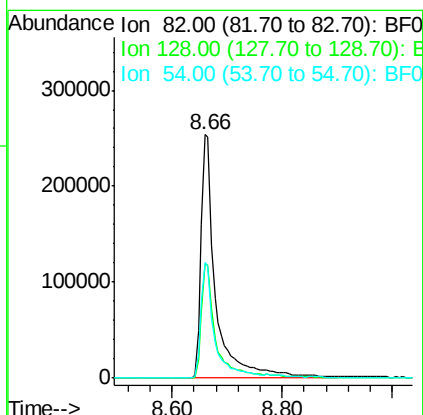
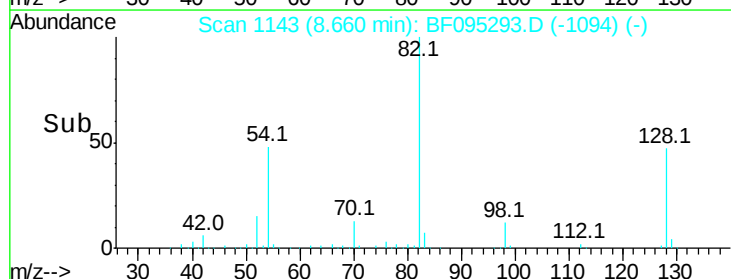
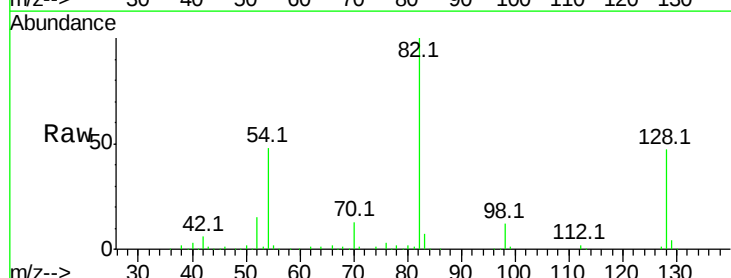
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	364507
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.5 12.7
54	6.9	4.9 7.3
68	5.4	4.1 6.1



#23
Nitrobenzene-d5
Concen: 81.71 ng
RT: 8.66 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF095293.D
Acq: 20 May 2017 8:51

Tgt Ion: 82	Resp:	472314
Ion Ratio	Lower	Upper
82	100	
128	46.8	34.0 51.0
54	47.7	42.2 63.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.61 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF095293.D

Acq: 20 May 2017 8:51

Instrument :

BNA_F

ClientSampleId :

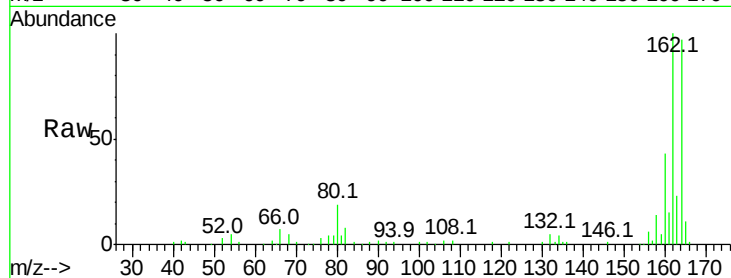
Tot Ion:164 Resp: 145448

Ion Ratio Lower Upper

164 100

162 103.4 82.6 123.8

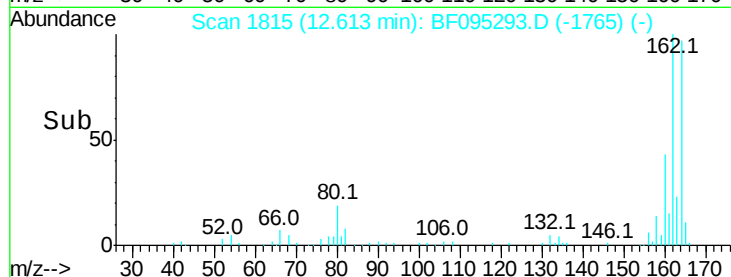
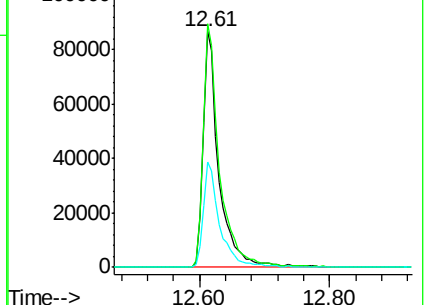
160 44.5 36.2 54.2



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: 113.27 ng

RT: 13.91 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF095293.D

Acq: 20 May 2017 8:51

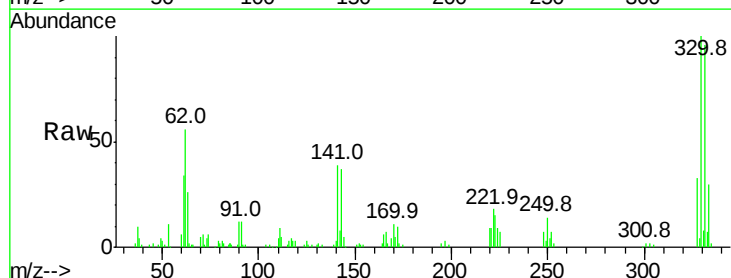
Tgt Ion:330 Resp: 134925

Ion Ratio Lower Upper

330 100

332 96.5 76.6 115.0

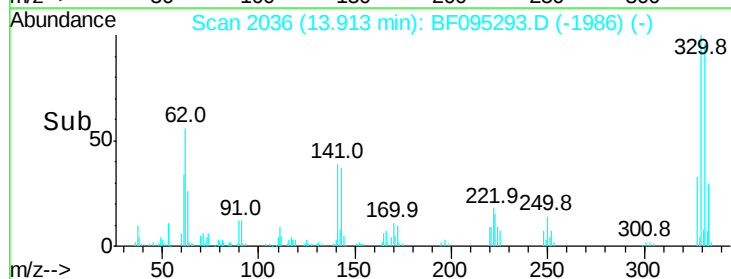
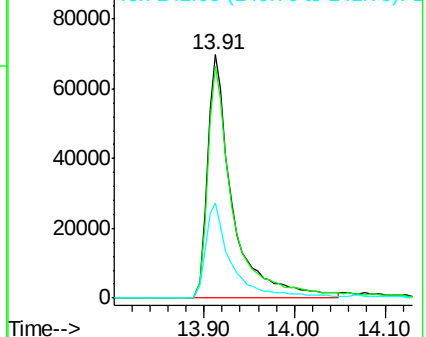
141 39.1 31.4 47.2



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

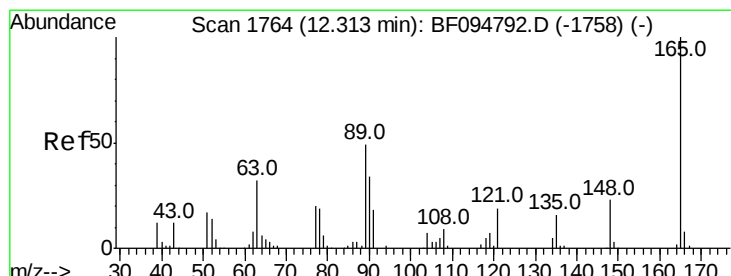
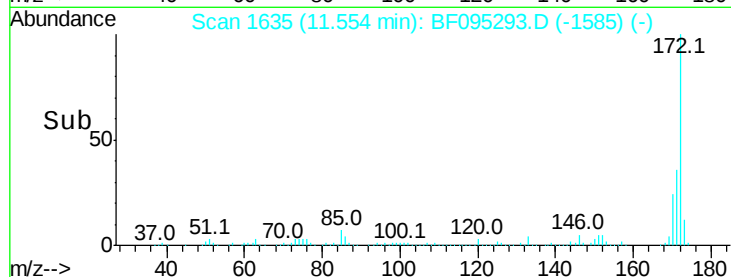
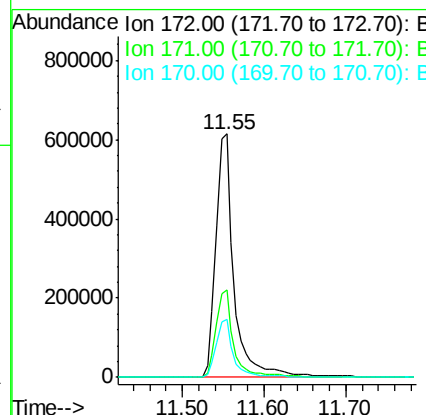
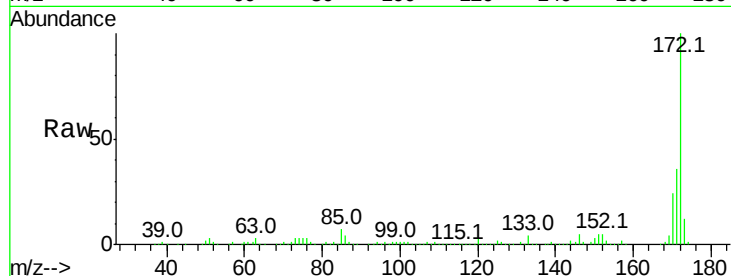




#44
 2-Fluorobiphenyl
 Concen: 94.59 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF095293.D
 Acq: 20 May 2017 8:51

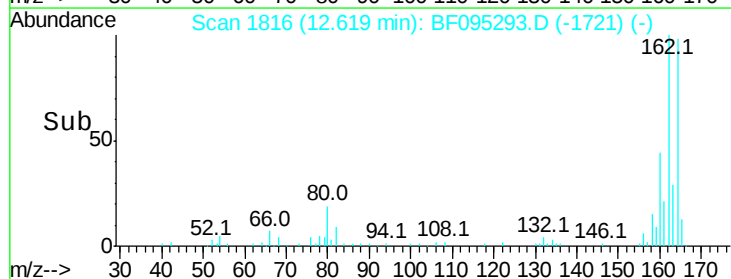
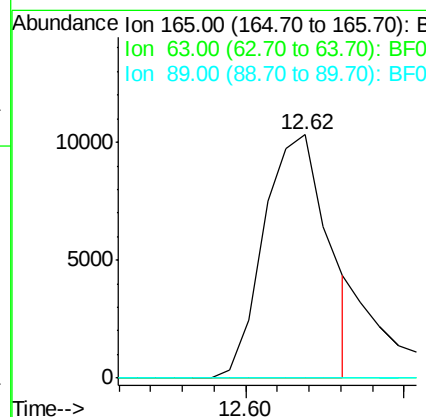
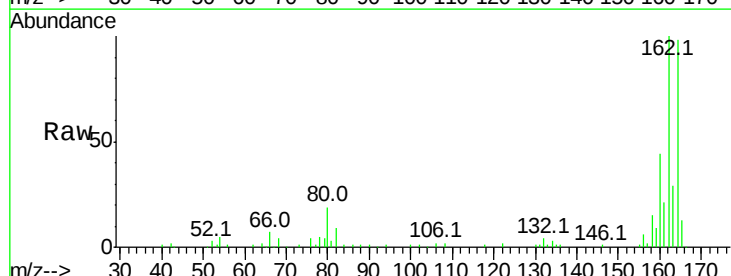
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.6	19.8	29.8



#50
 2,6-Dinitrotoluene
 Concen: 5.95 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. 0.26 min
 Lab File: BF095293.D
 Acq: 20 May 2017 8:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#

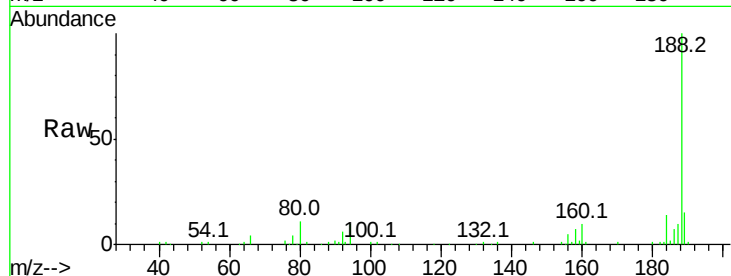




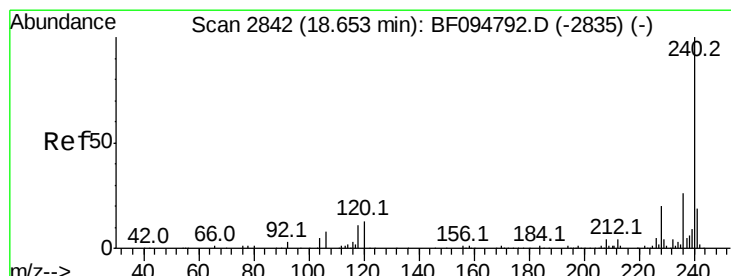
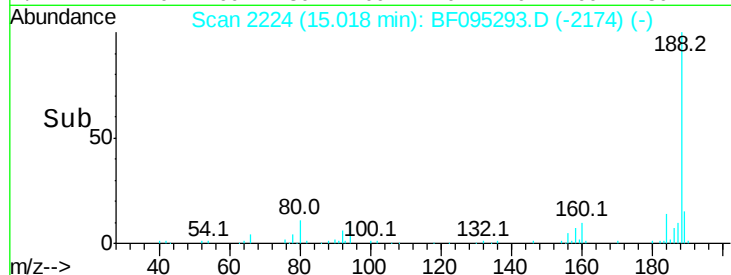
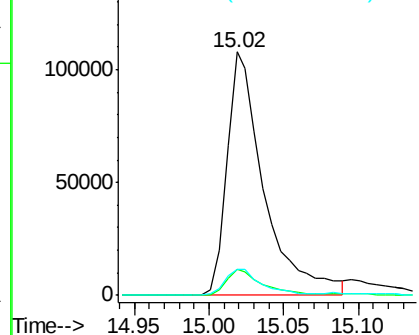
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF095293.D
Acq: 20 May 2017 8:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 187919
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 10.9 10.2 15.2

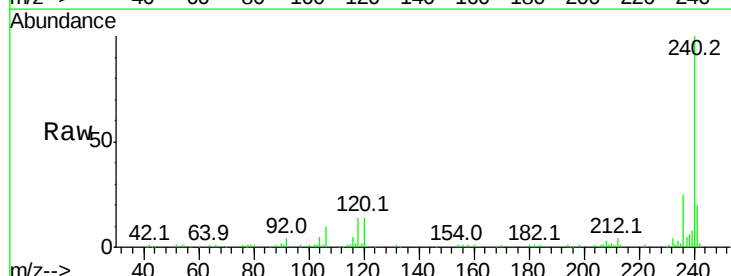


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

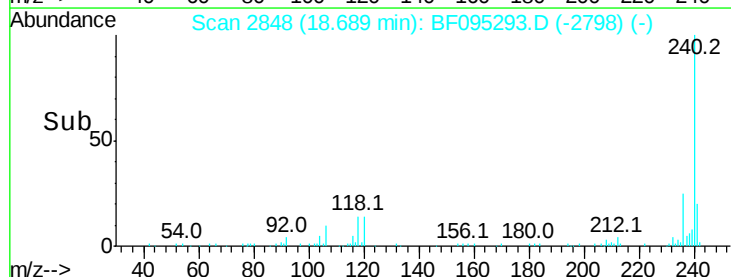
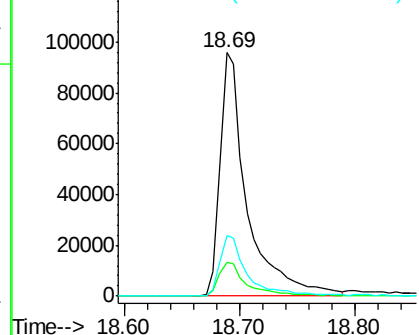


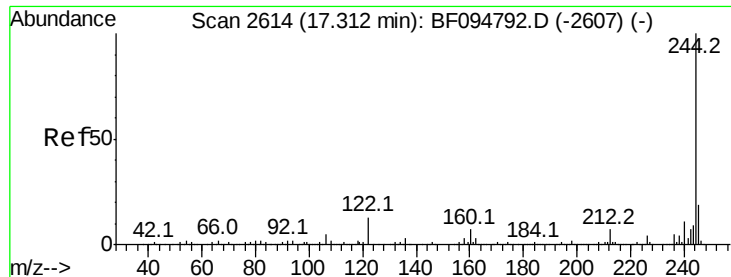
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BF095293.D
Acq: 20 May 2017 8:51

Tgt Ion:240 Resp: 155964
Ion Ratio Lower Upper
240 100
120 13.9 5.8 8.8#
236 25.1 20.5 30.7



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: 77.76 ng

RT: 17.34 min Scan# 2618

Delta R.T. -0.01 min

Lab File: BF095293.D

Acq: 20 May 2017 8:51

Instrument :

BNA_F

ClientSampleId :

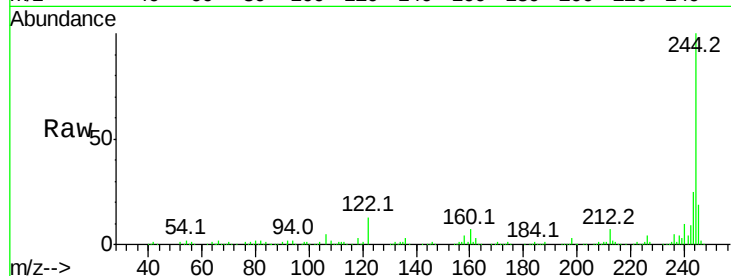
Tot Ion:244 Resp: 550645

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

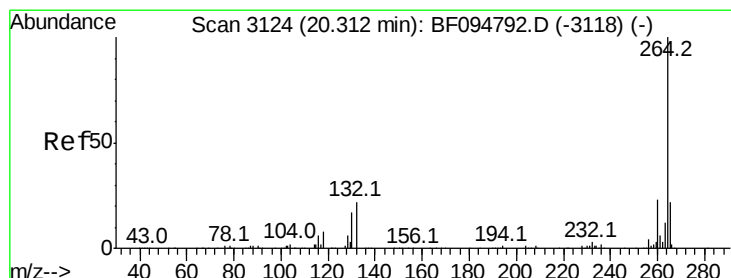
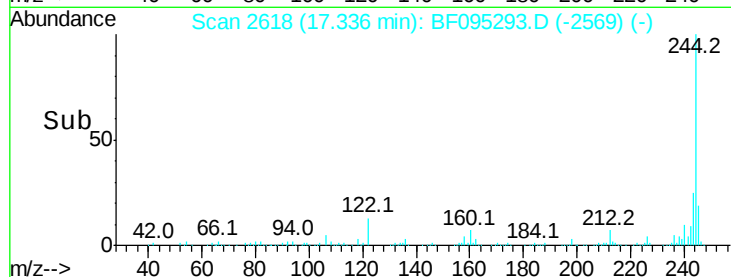
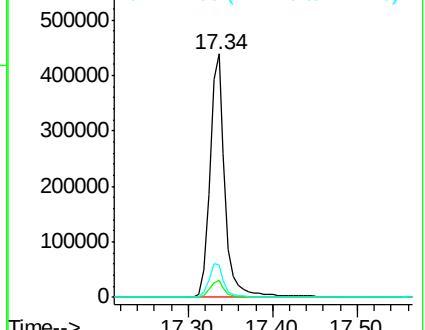
122 13.3 10.3 15.5



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: 20.00 ng

RT: 20.37 min Scan# 3134

Delta R.T. 0.01 min

Lab File: BF095293.D

Acq: 20 May 2017 8:51

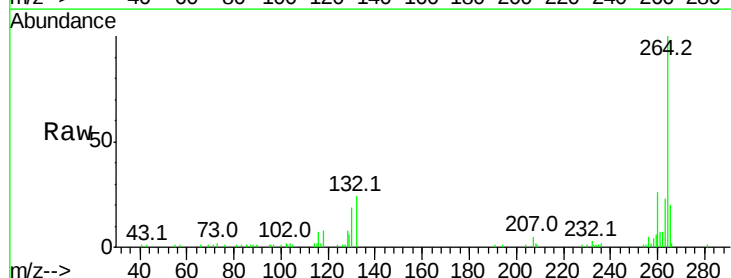
Tgt Ion:264 Resp: 95623

Ion Ratio Lower Upper

264 100

260 26.5 19.5 29.3

265 20.3 17.2 25.8



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

