

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095416.D
 Acq On : 25 May 2017 9:21
 Operator : SJ/MA
 Sample : I3248-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 25 13:27:43 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

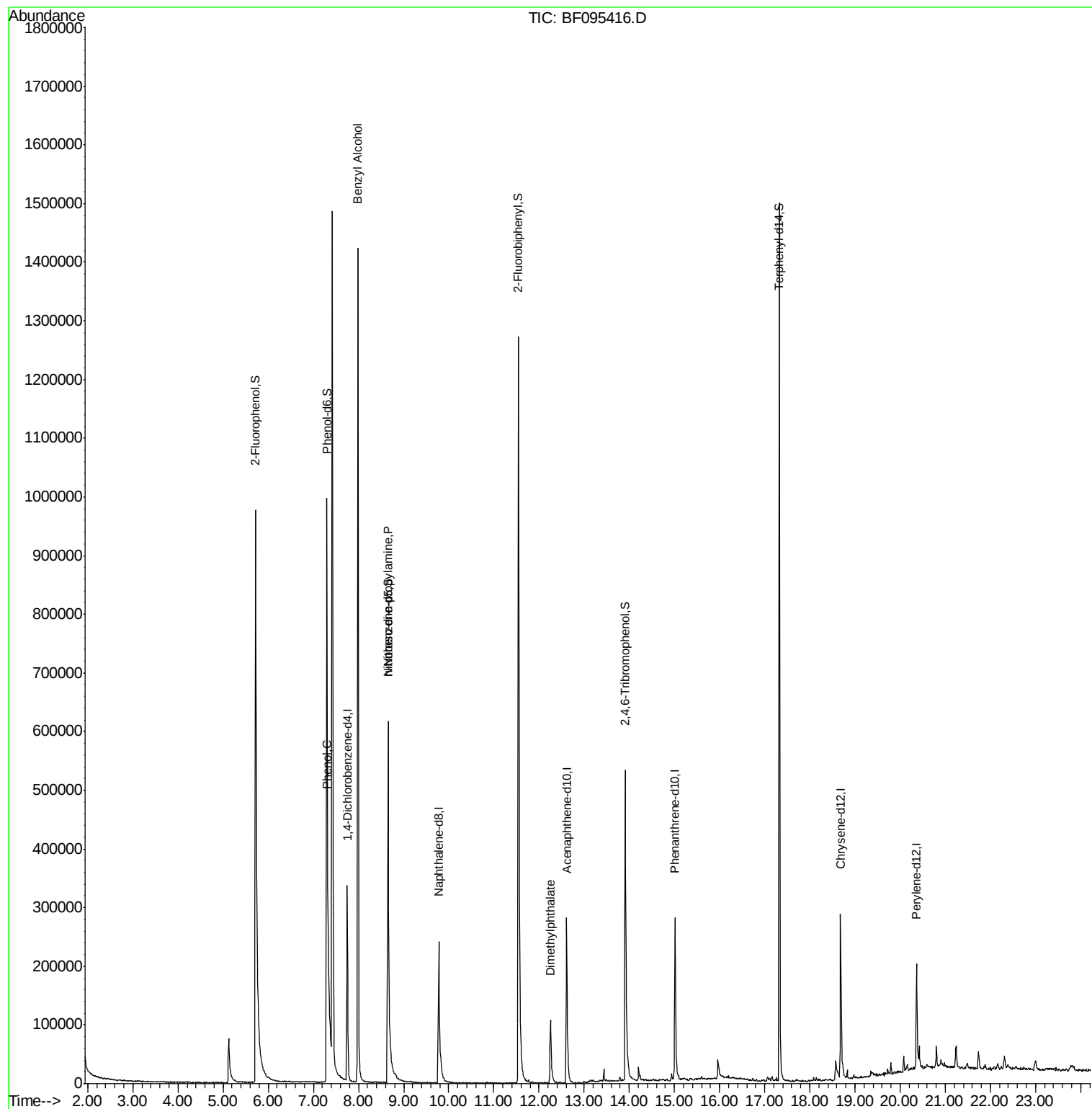
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	79804	20.00	ng	-0.02
21) Naphthalene-d8	9.78	136	297314	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	116763	20.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	192119	20.00	ng	-0.01
75) Chrysene-d12	18.68	240	164068	20.00	ng	-0.01
86) Perylene-d12	20.36	264	111493	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	747623	156.19	ng	-0.02
7) Phenol-d6	7.30	99	865847	150.76	ng	-0.02
23) Nitrobenzene-d5	8.65	82	462514	98.10	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	134533	140.69	ng	-0.01
44) 2-Fluorobiphenyl	11.54	172	860052	106.02	ng	-0.02
78) Terphenyl-d14	17.32	244	628788	84.41	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	12555	2.07	ng	# 7
15) Benzyl Alcohol	7.98	79	7608	2.06	ng	# 41
19) n-Nitroso-di-n-propylamine	8.65	70	51994	13.39	ng	# 79
49) Dimethylphthalate	12.25	163	118309	12.34	ng	98

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

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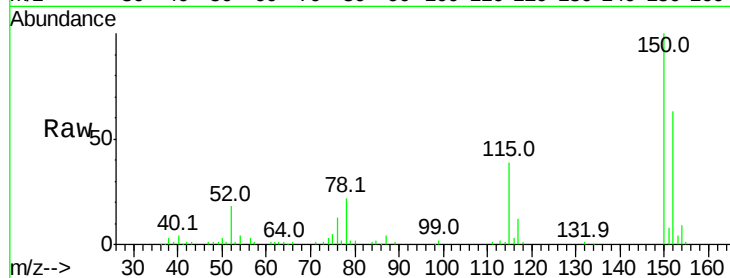


#1

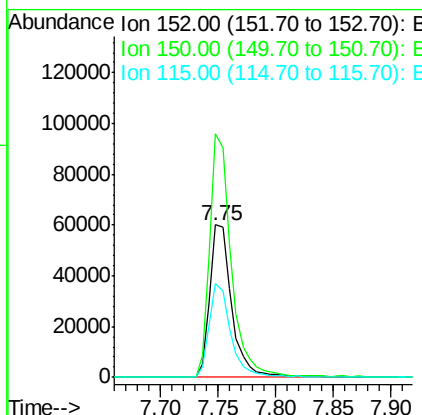
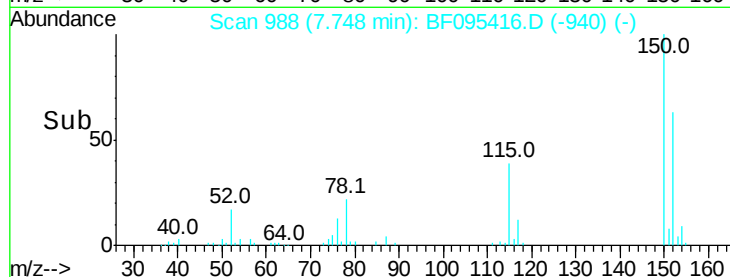
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 988
Delta R.T. -0.02 min
Lab File: BF095416.D
Acq: 25 May 2017 9:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 79804
Ion Ratio Lower Upper
152 100
150 160.0 126.2 189.2
115 62.0 52.2 78.2



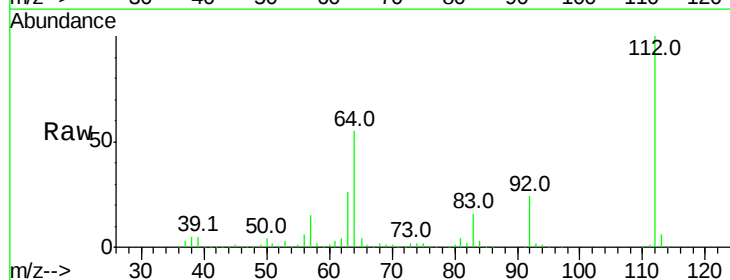
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



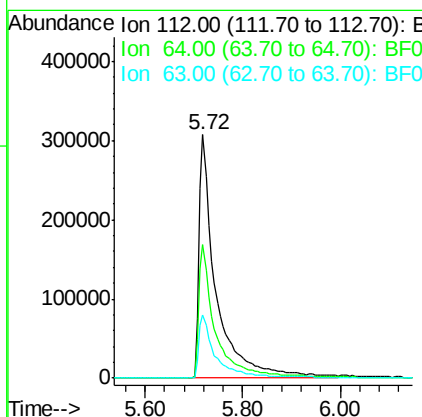
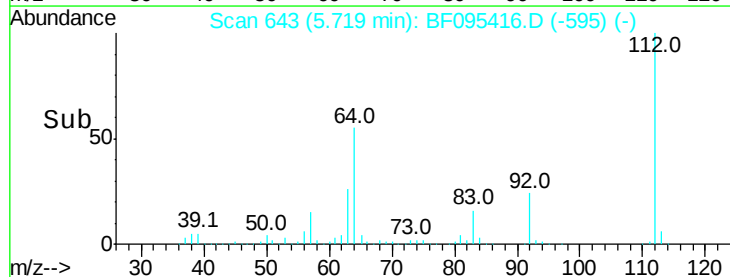
#5

2-Fluorophenol
Concen: 156.19 ng
RT: 5.72 min Scan# 643
Delta R.T. -0.02 min
Lab File: BF095416.D
Acq: 25 May 2017 9:21

Tgt Ion:112 Resp: 747623
Ion Ratio Lower Upper
112 100
64 54.7 46.0 69.0
63 25.9 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: 150.76 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095416.D

Acq: 25 May 2017 9:21

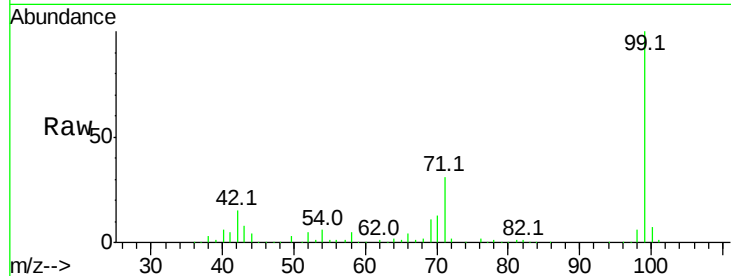
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 865847

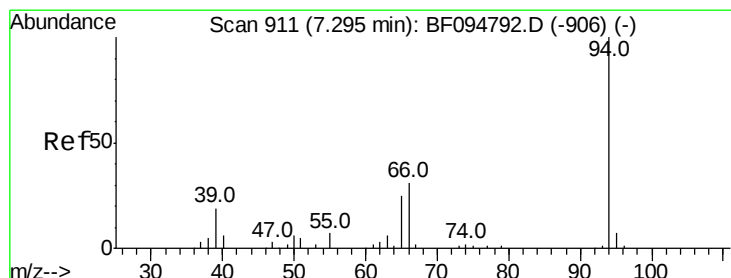
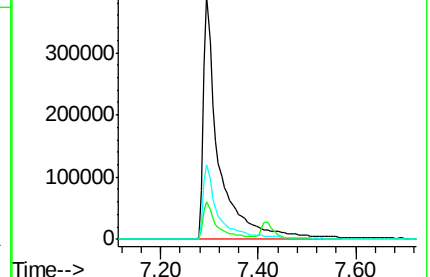
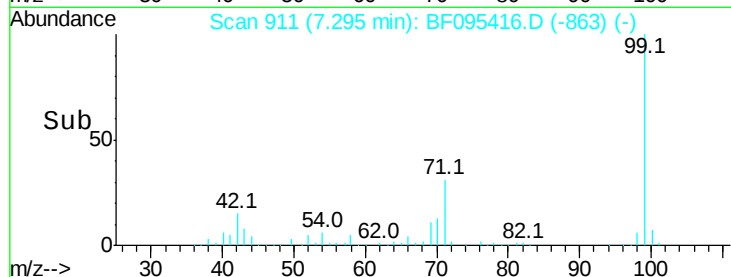
Ion	Ratio	Lower	Upper
99	100		
42	15.4	13.5	20.3
71	30.7	24.5	36.7



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



#10

Phenol

Concen: 2.07 ng

RT: 7.32 min Scan# 915

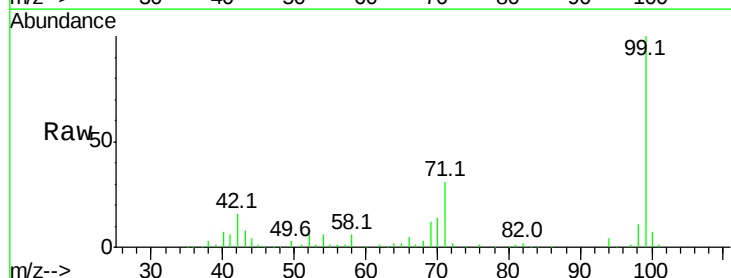
Delta R.T. -0.01 min

Lab File: BF095416.D

Acq: 25 May 2017 9:21

Tgt Ion: 94 Resp: 12555

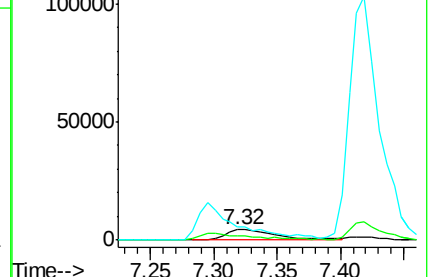
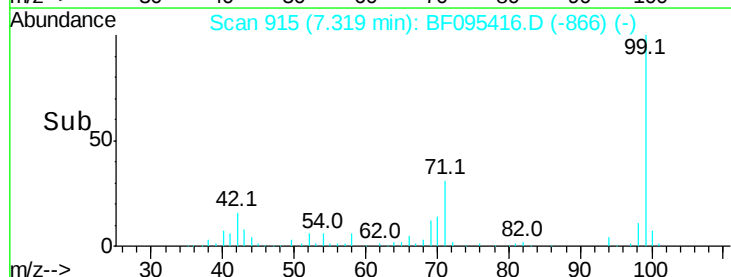
Ion	Ratio	Lower	Upper
94	100		
65	46.4	9.9	49.9
66	130.7	23.1	63.1#

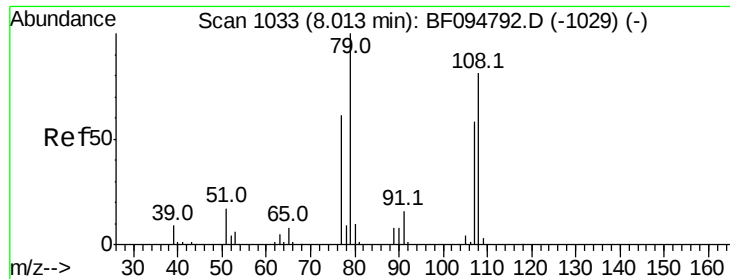


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 7.98 min Scan# 1028

Delta R.T. -0.07 min

Lab File: BF095416.D

Acq: 25 May 2017 9:21

Instrument :

BNA_F

ClientSampleId :

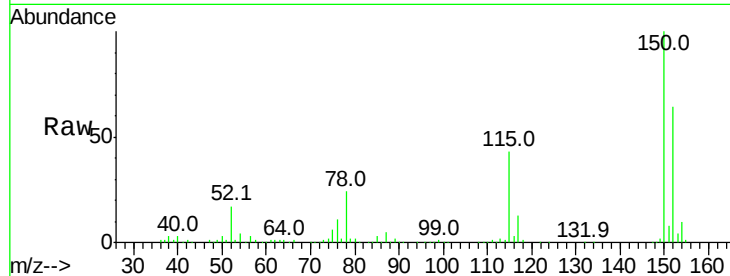
Tot Ion: 79 Resp: 7608

Ion Ratio Lower Upper

79 100

108 29.6 63.4 95.0#

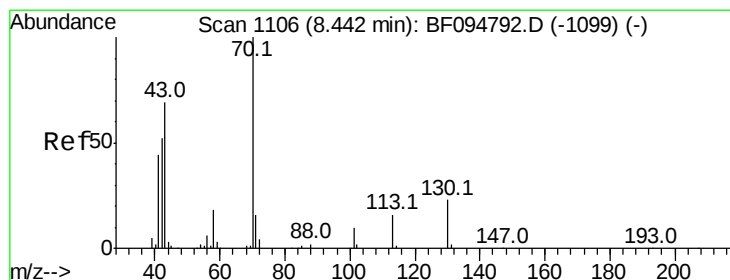
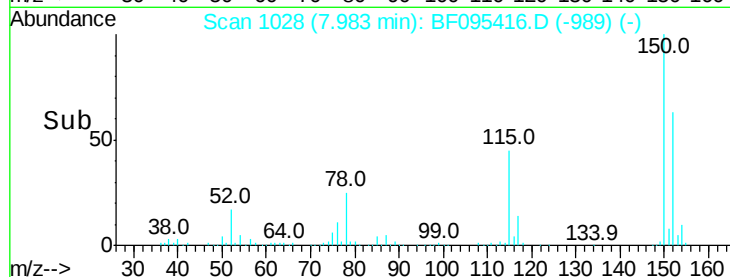
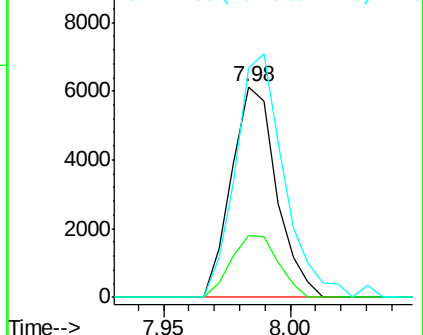
77 109.0 49.2 73.8#



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: 13.39 ng

RT: 8.65 min Scan# 1142

Delta R.T. 0.18 min

Lab File: BF095416.D

Acq: 25 May 2017 9:21

Tgt Ion: 70 Resp: 51994

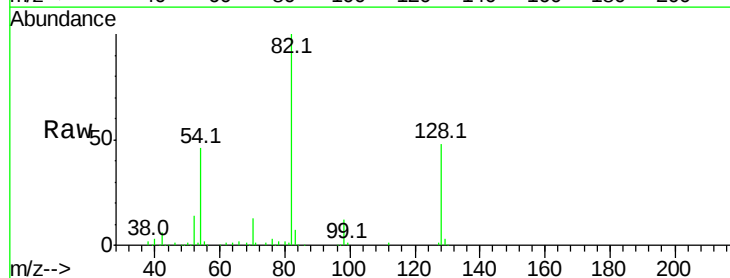
Ion Ratio Lower Upper

70 100

42 48.2 47.2 70.8

101 0.0 7.2 10.8#

130 2.5 15.9 23.9#

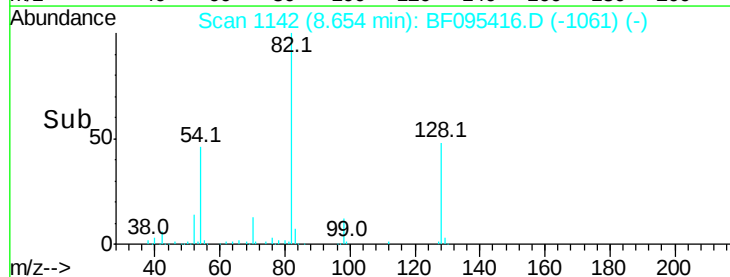
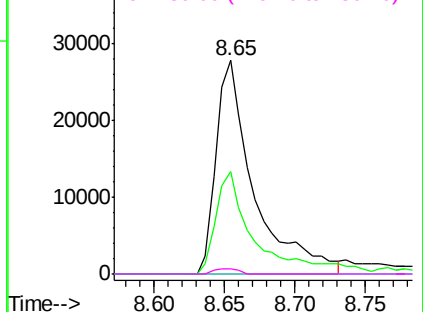


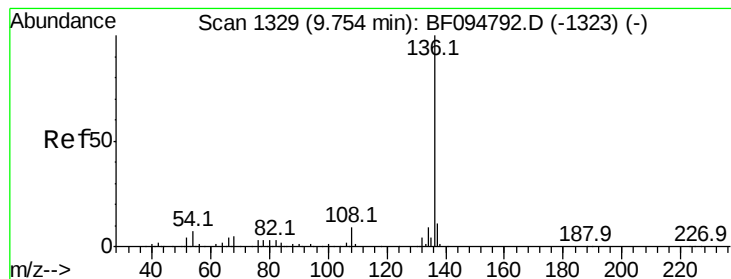
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF095416.D

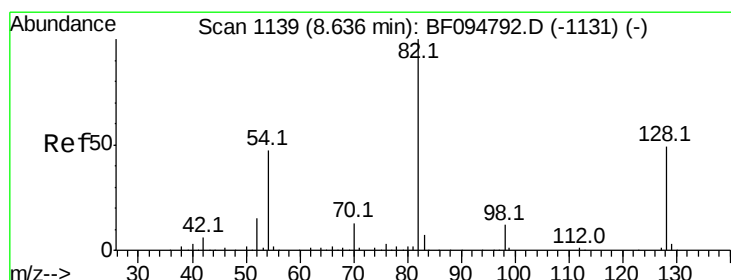
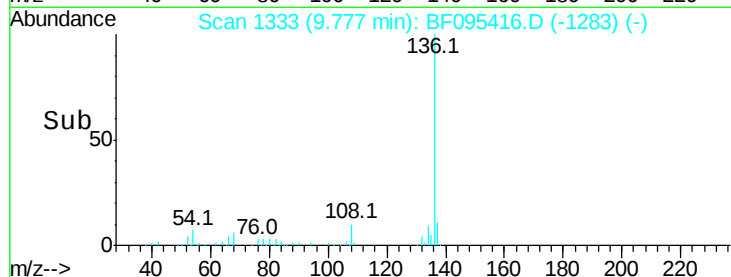
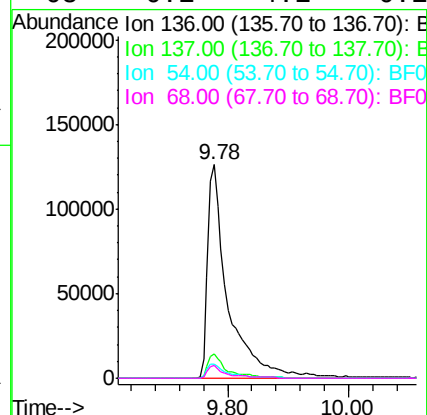
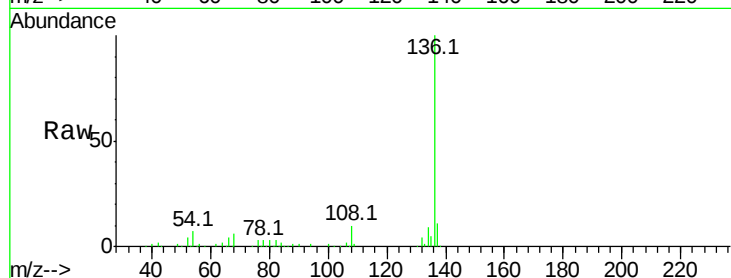
Acq: 25 May 2017 9:21

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	297314
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.5 12.7
54	6.6	4.9 7.3
68	6.1	4.1 6.1#



#23

Nitrobenzene-d5

Concen: 98.10 ng

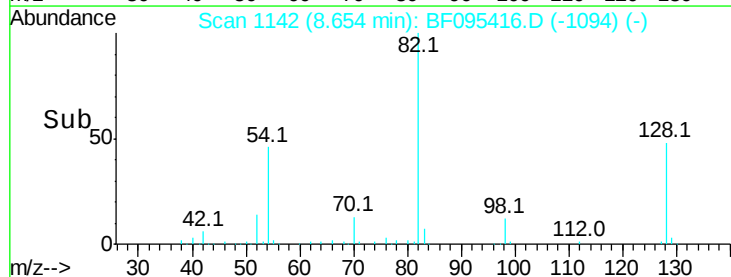
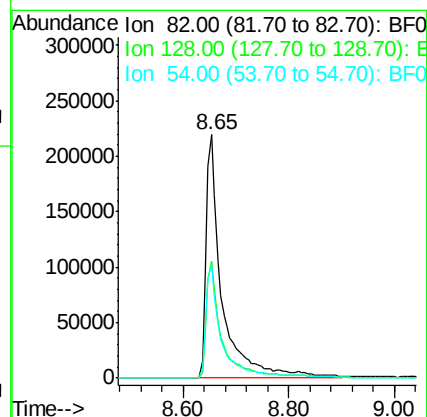
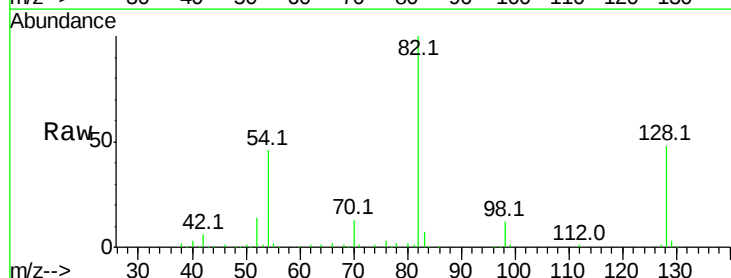
RT: 8.65 min Scan# 1142

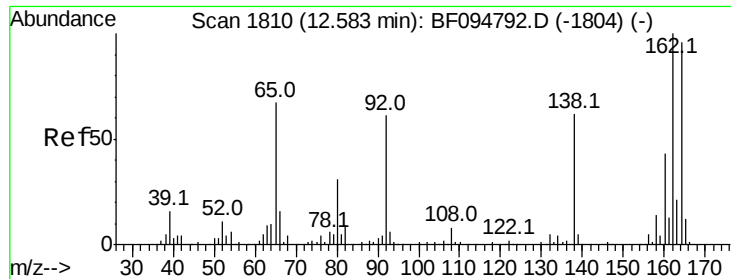
Delta R.T. -0.02 min

Lab File: BF095416.D

Acq: 25 May 2017 9:21

Tgt Ion: 82	Resp:	462514
Ion Ratio	Lower	Upper
82	100	
128	48.1	34.0 51.0
54	46.3	42.2 63.2

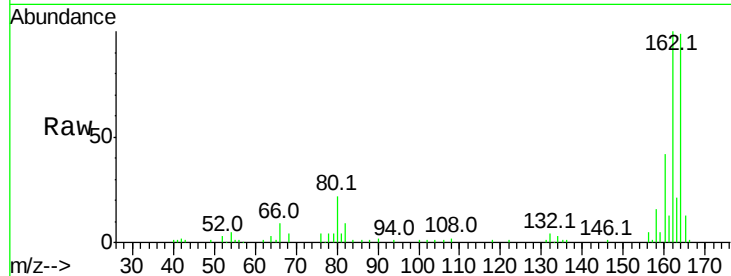




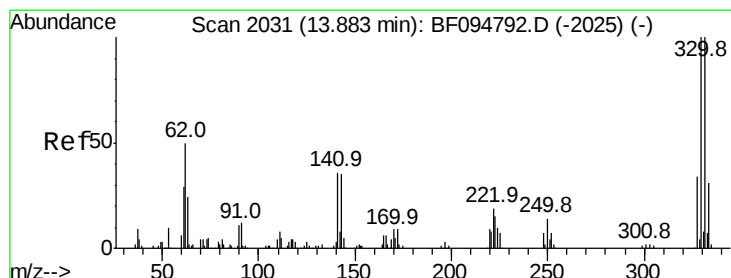
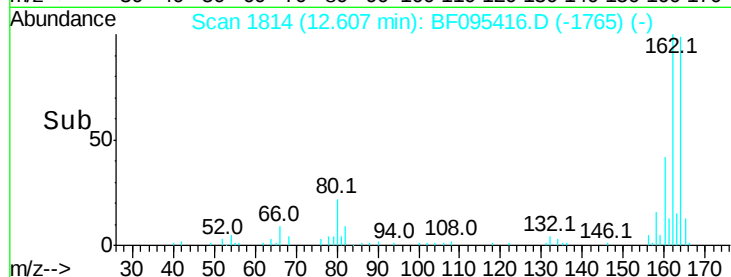
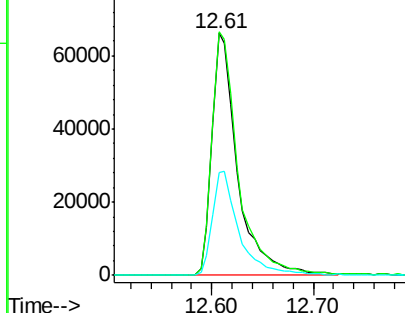
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BF095416.D
Acq: 25 May 2017 9:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 116763
Ion Ratio Lower Upper
164 100
162 100.6 82.6 123.8
160 42.2 36.2 54.2

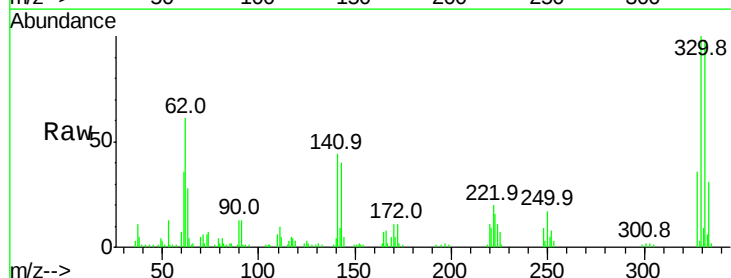


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

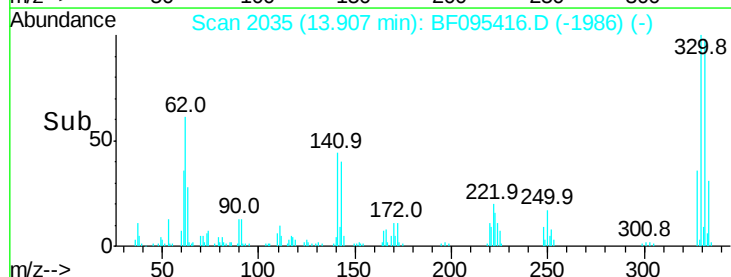
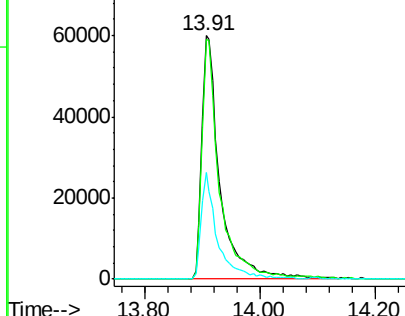


#41
2,4,6-Tribromophenol
Concen: 140.69 ng
RT: 13.91 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF095416.D
Acq: 25 May 2017 9:21

Tgt Ion:330 Resp: 134533
Ion Ratio Lower Upper
330 100
332 93.8 76.6 115.0
141 38.0 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

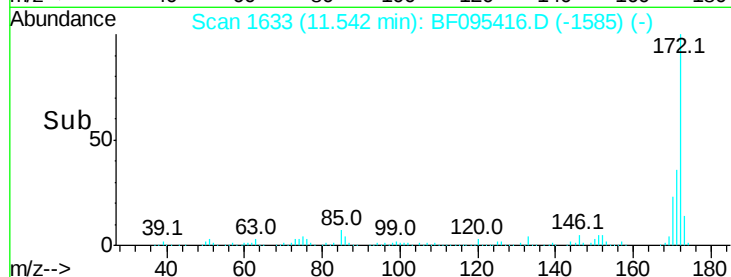
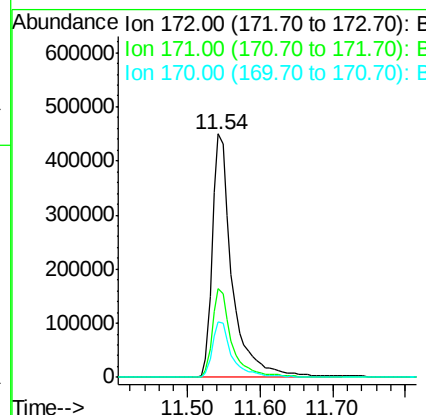
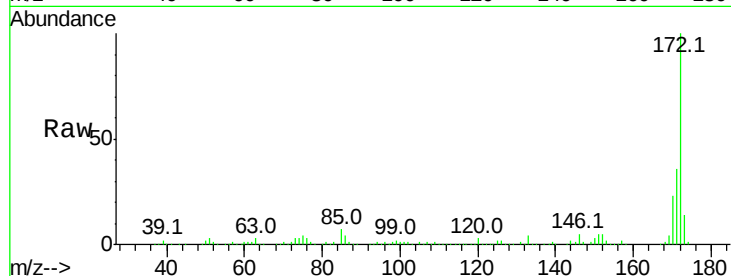




#44
2-Fluorobiphenyl
Concen: 106.02 ng
RT: 11.54 min Scan# 1633
Delta R.T. -0.02 min
Lab File: BF095416.D
Acq: 25 May 2017 9:21

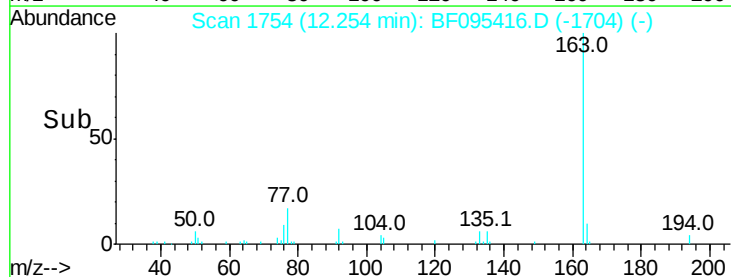
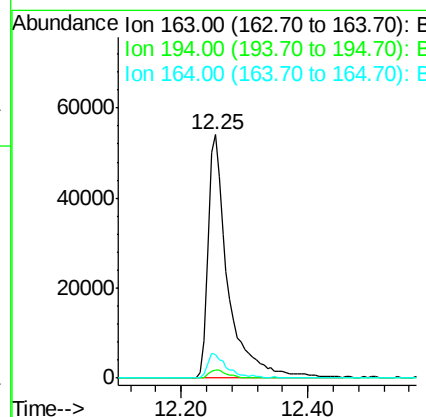
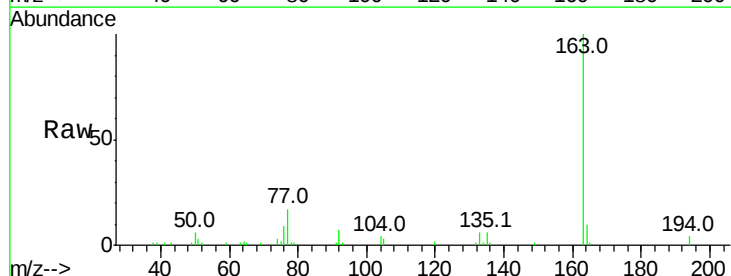
Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 860052
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 22.6 19.8 29.8



#49
Dimethylphthalate
Concen: 12.34 ng
RT: 12.25 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF095416.D
Acq: 25 May 2017 9:21

Tgt Ion:163 Resp: 118309
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.8 8.4 12.6

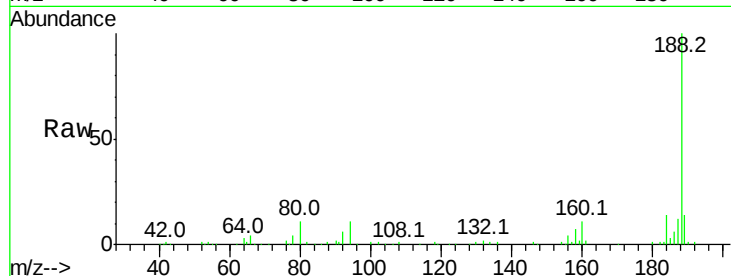




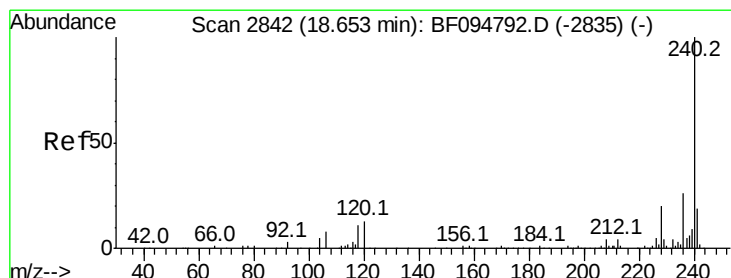
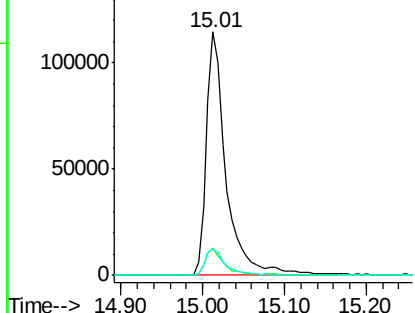
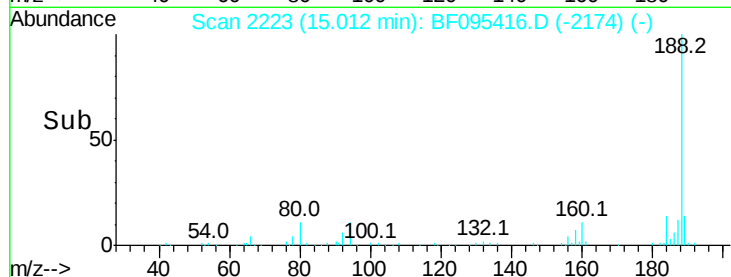
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF095416.D
 Acq: 25 May 2017 9:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	188	Resp	192119
Ion Ratio	100		
Lower	9.4		
Upper	14.2		
80	10.7	10.2	15.2

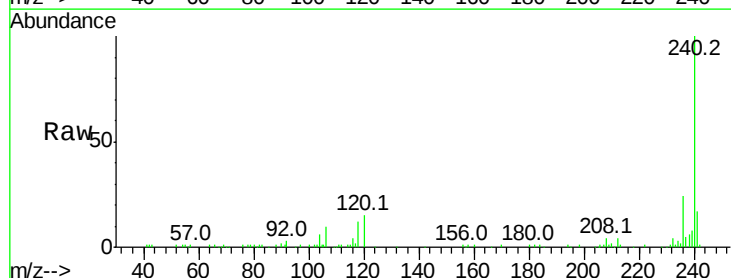


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

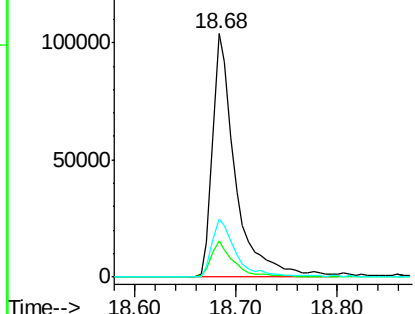
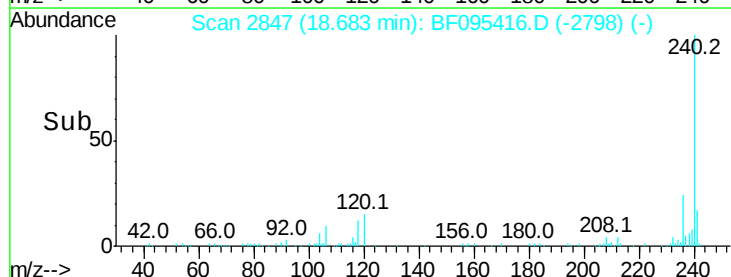


#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BF095416.D
 Acq: 25 May 2017 9:21

Tgt Ion	240	Resp	164068
Ion Ratio	100		
Lower	5.8		
Upper	8.8#		
236	23.6	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: 84.41 ng

RT: 17.32 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BF095416.D

Acq: 25 May 2017 9:21

Instrument :

BNA_F

ClientSampleId :

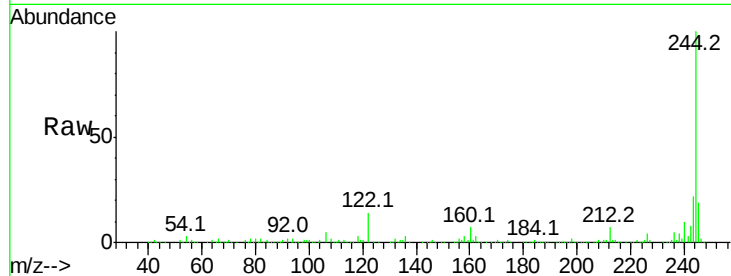
Tot Ion:244 Resp: 628788

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

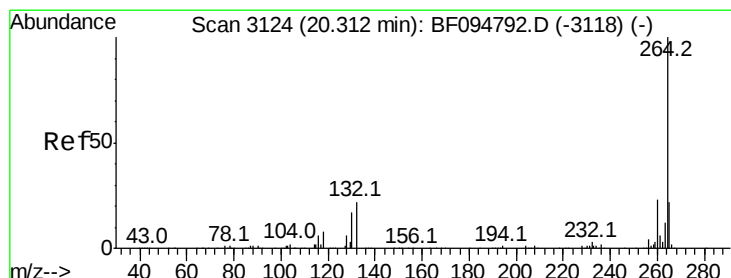
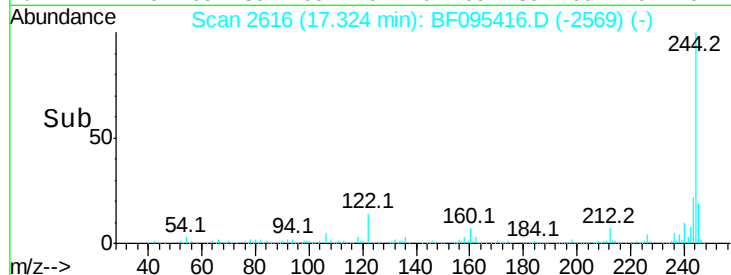
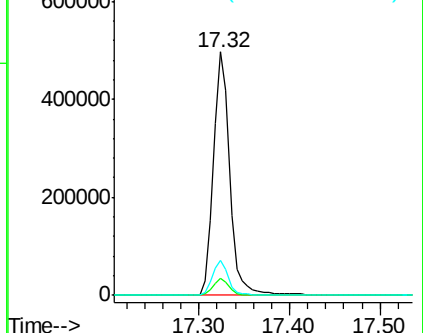
122 14.1 10.3 15.5



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: 20.36 min Scan# 3133

Delta R.T. 0.00 min

Lab File: BF095416.D

Acq: 25 May 2017 9:21

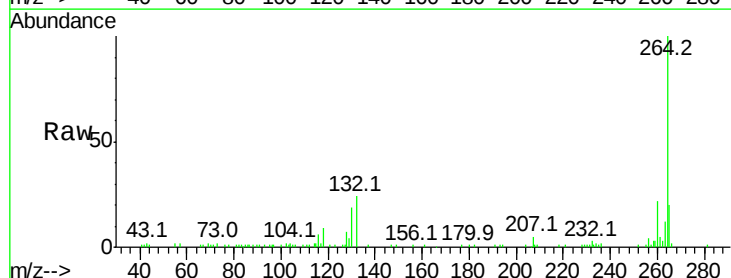
Tgt Ion:264 Resp: 111493

Ion Ratio Lower Upper

264 100

260 22.2 19.5 29.3

265 20.0 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

