

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060117\
 Data File : BF095613.D
 Acq On : 2 Jun 2017 2:18
 Operator : SJ/MA
 Sample : I3409-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-NP-ESB-21-22-23-24

Quant Time: Jun 02 05:45:58 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

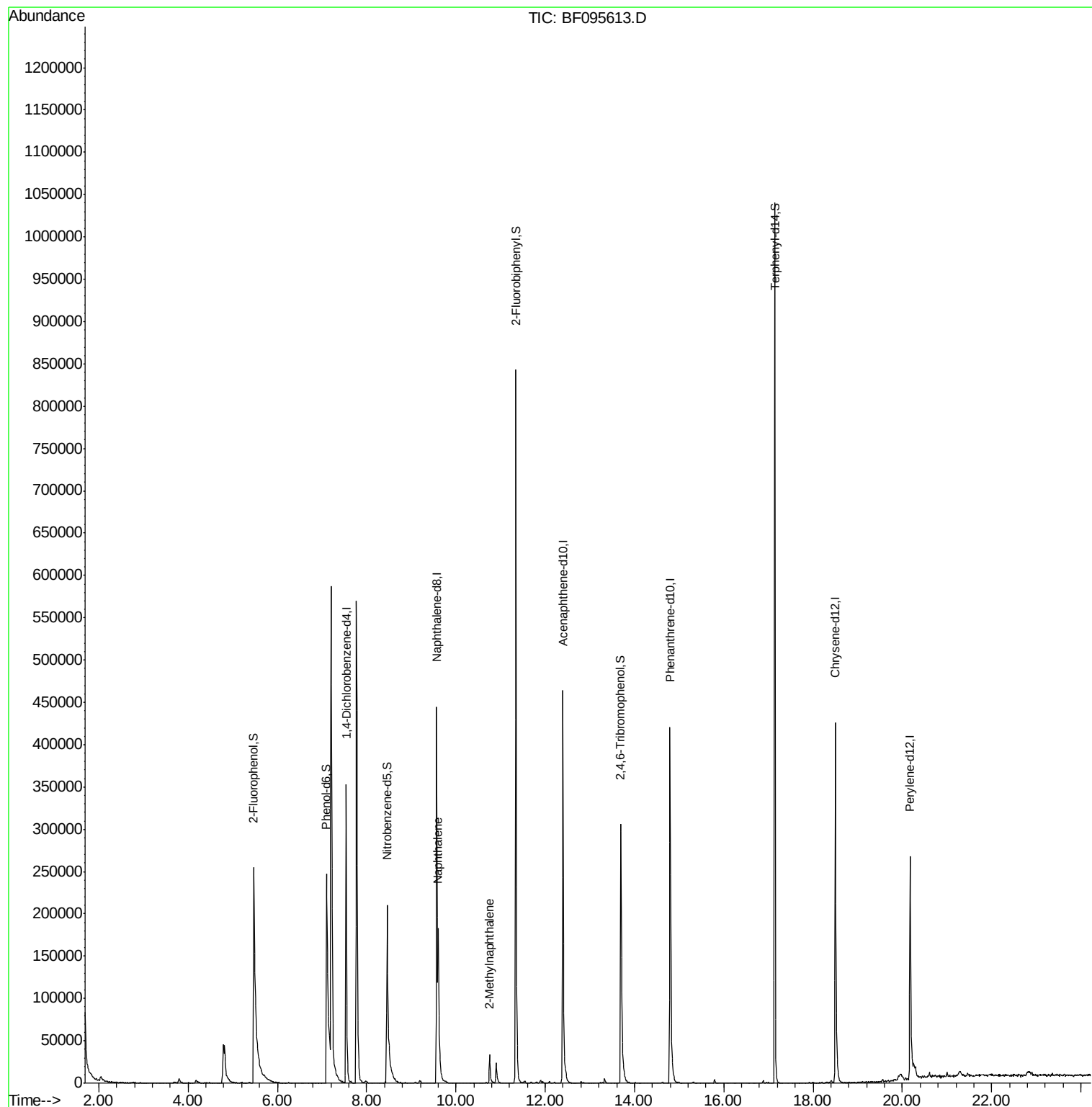
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	92296	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	321548	20.00	ng	0.00
38) Acenaphthene-d10	12.40	164	150941	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	296289	20.00	ng	0.00
75) Chrysene-d12	18.50	240	256290	20.00	ng	0.00
86) Perylene-d12	20.17	264	176049	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	279506	50.49	ng	0.02
7) Phenol-d6	7.10	99	329429	49.60	ng	0.00
23) Nitrobenzene-d5	8.46	82	196198	38.48	ng	0.00
41) 2,4,6-Tribromophenol	13.70	330	77754	62.90	ng	0.00
44) 2-Fluorobiphenyl	11.35	172	421954	40.24	ng	0.00
78) Terphenyl-d14	17.14	244	424793	36.51	ng	0.00
Target Compounds						
31) Naphthalene	9.60	128	175162	10.839	ng	99
37) 2-Methylnaphthalene	10.76	142	22359	2.108	ng	96

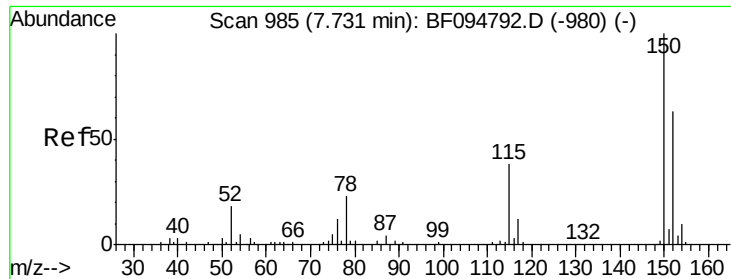
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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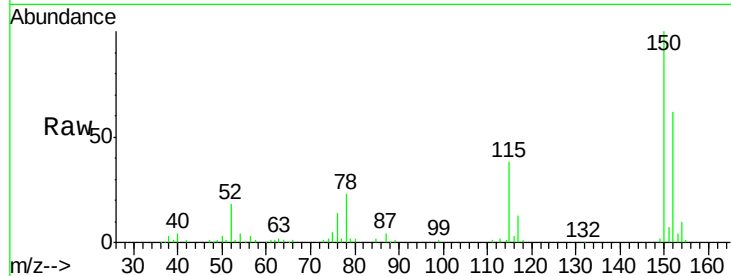


#1

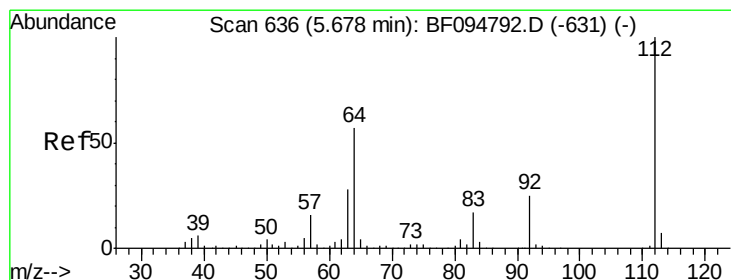
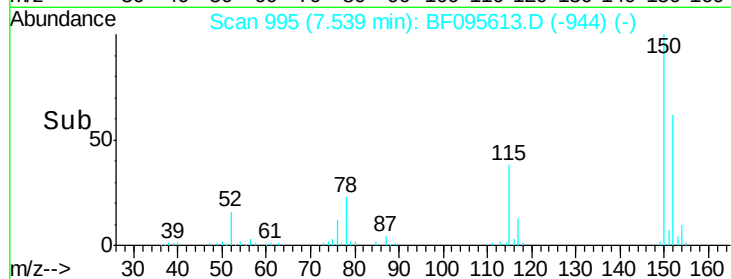
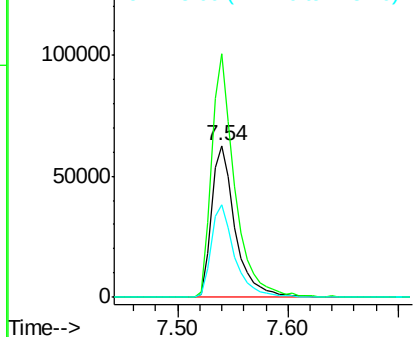
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF095613.D
Acq: 2 Jun 2017 2:18

Instrument :
BNA_F
ClientSampleId :
WC-NP-ESB-21-22-23-24

Tgt Ion:152 Resp: 92296
Ion Ratio Lower Upper
152 100
150 160.3 126.2 189.2
115 61.0 52.2 78.2



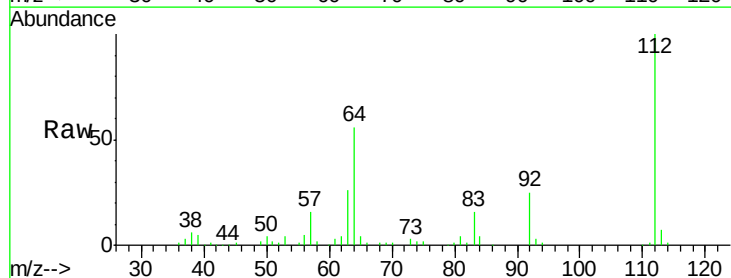
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



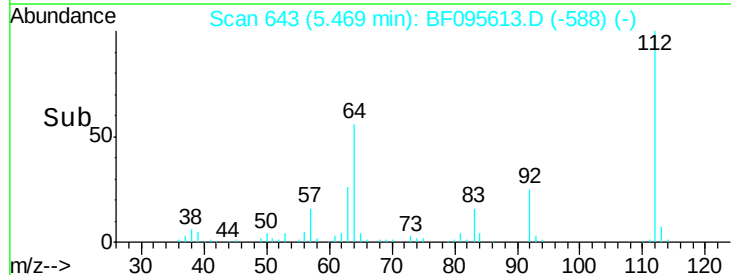
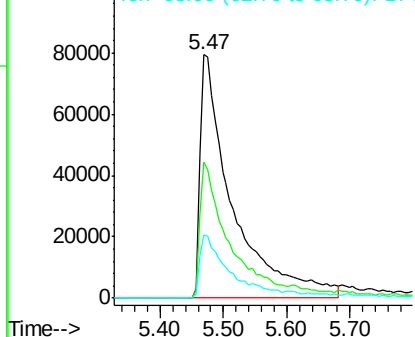
#5

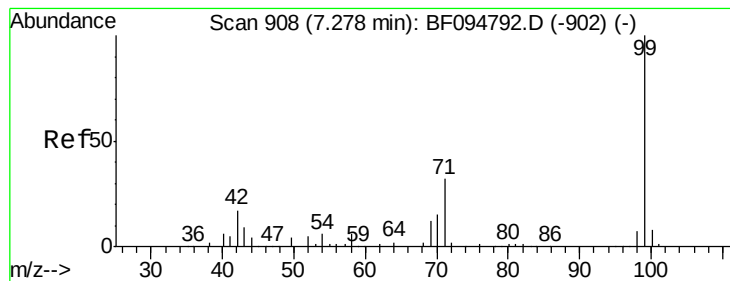
2-Fluorophenol
Concen: 50.489 ng
RT: 5.47 min Scan# 643
Delta R.T. 0.02 min
Lab File: BF095613.D
Acq: 2 Jun 2017 2:18

Tgt Ion:112 Resp: 279506
Ion Ratio Lower Upper
112 100
64 56.1 46.0 69.0
63 26.1 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: 49.596 ng

RT: 7.10 min Scan# 921

Delta R.T. 0.01 min

Lab File: BF095613.D

Acq: 2 Jun 2017 2:18

Instrument :

BNA_F

ClientSampleId :

WC-NP-ESB-21-22-23-24

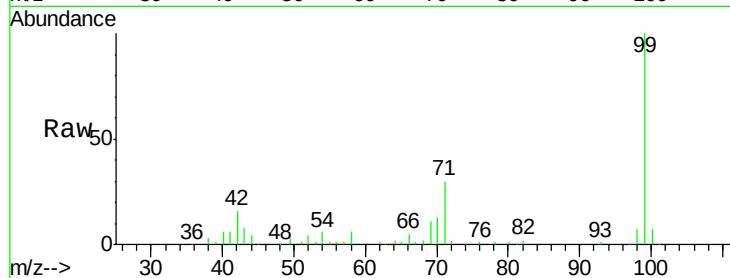
Tgt Ion: 99 Resp: 329429

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

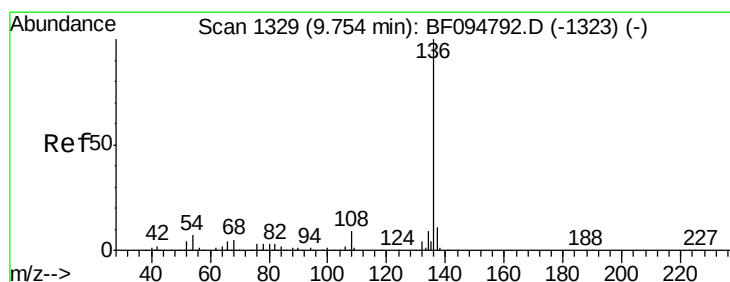
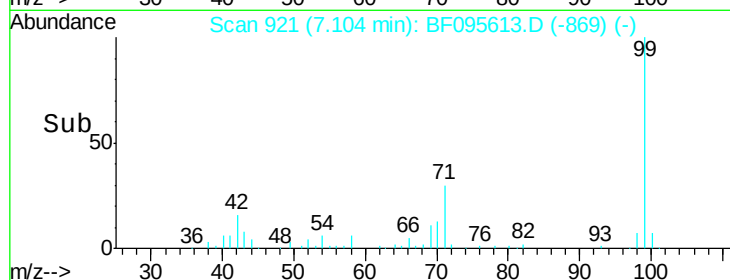
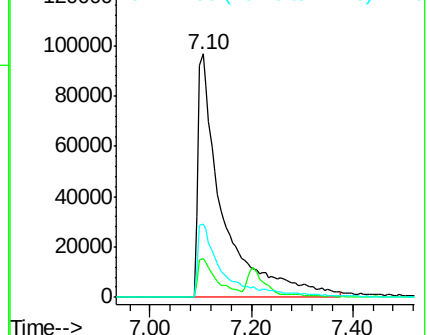
71 30.3 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 9.57 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF095613.D

Acq: 2 Jun 2017 2:18

Tgt Ion: 136 Resp: 321548

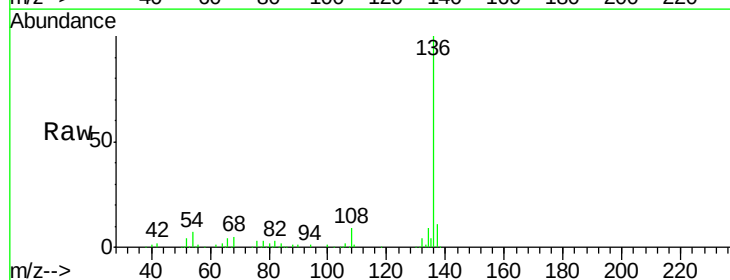
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.7 4.9 7.3

68 5.3 4.1 6.1

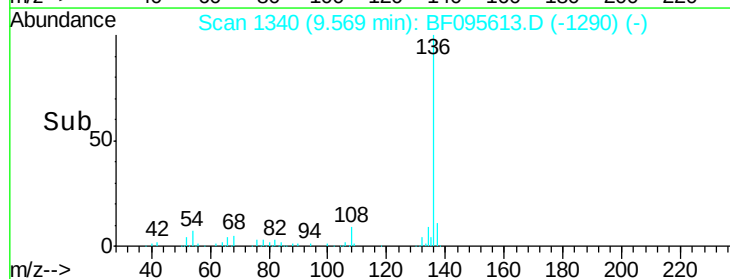
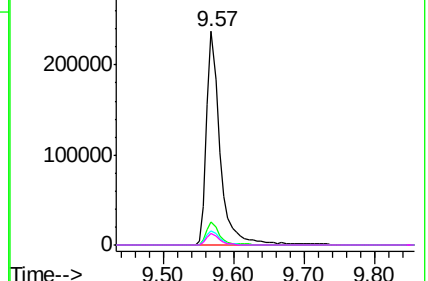


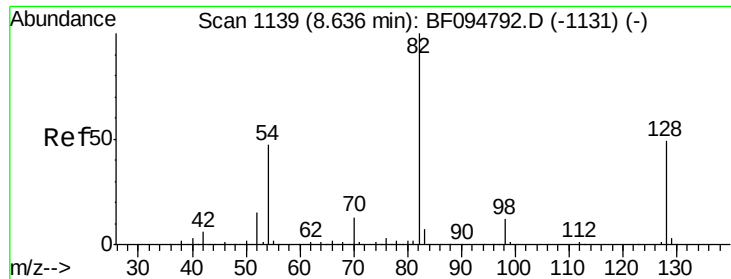
Abundance Ion 136.00 (135.70 to 136.70): E

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

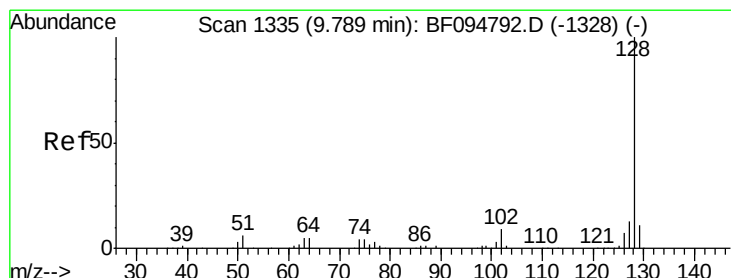
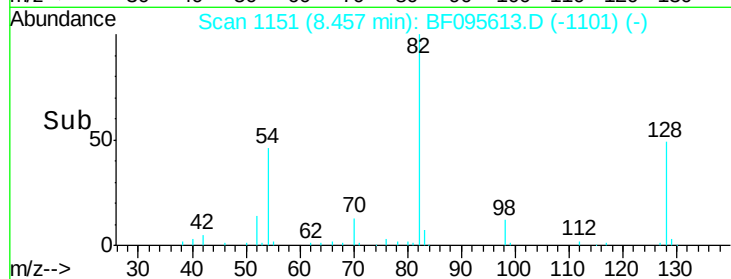
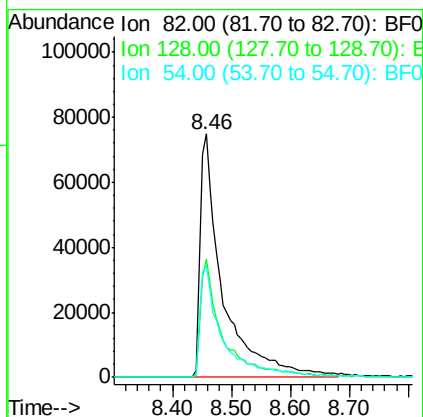
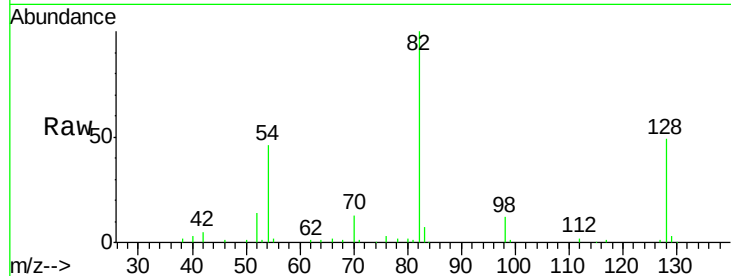




#23
 Nitrobenzene-d5
 Concen: 38.476 ng
 RT: 8.46 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF095613.D
 Acq: 2 Jun 2017 2:18

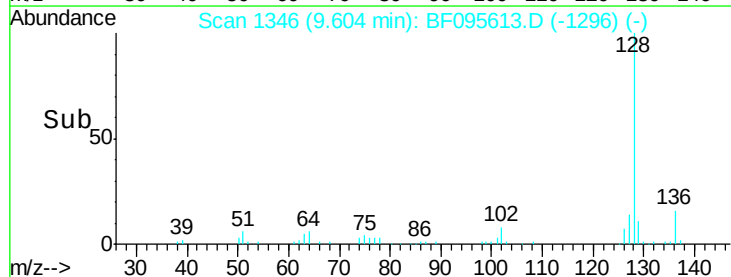
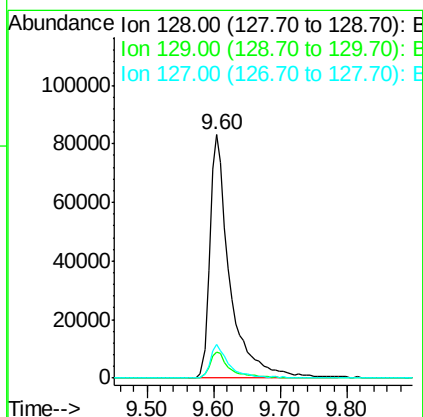
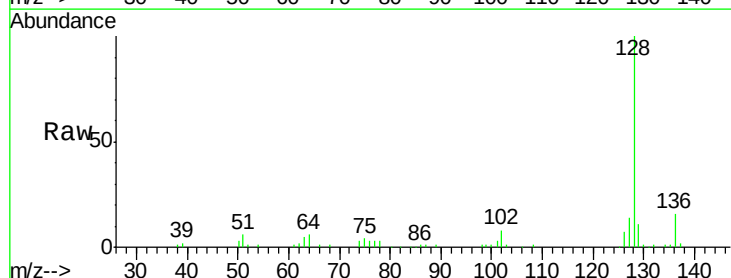
Instrument :
 BNA_F
 ClientSampleId :
 WC-NP-ESB-21-22-23-24

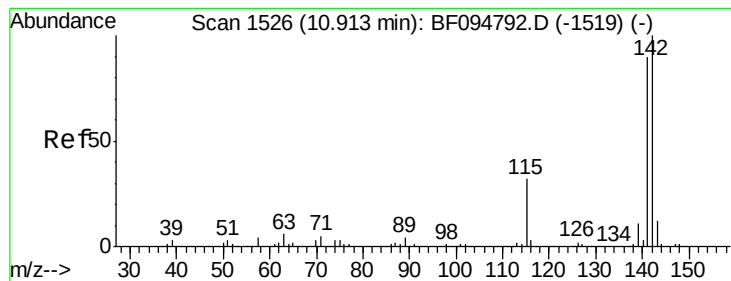
Tgt Ion: 82 Resp: 196198
 Ion Ratio Lower Upper
 82 100
 128 48.7 34.0 51.0
 54 46.1 42.2 63.2



#31
 Naphthalene
 Concen: 10.839 ng
 RT: 9.60 min Scan# 1346
 Delta R.T. -0.01 min
 Lab File: BF095613.D
 Acq: 2 Jun 2017 2:18

Tgt Ion: 128 Resp: 175162
 Ion Ratio Lower Upper
 128 100
 129 10.7 9.0 13.6
 127 13.6 10.8 16.2





#37

2-Methylnaphthalene

Concen: 2.108 ng

RT: 10.76 min Scan# 1542

Delta R.T. 0.02 min

Lab File: BF095613.D

Acq: 2 Jun 2017 2:18

Instrument :

BNA_F

ClientSampleId :

WC-NP-ESB-21-22-23-24

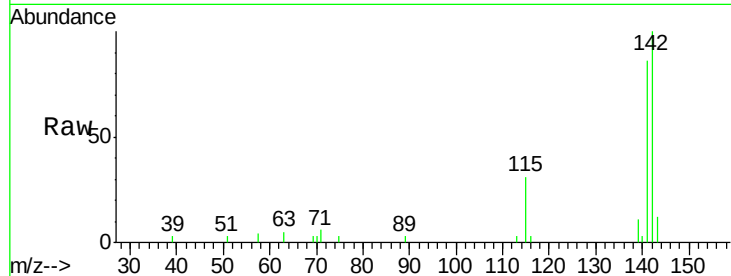
Tgt Ion:142 Resp: 22359

Ion Ratio Lower Upper

142 100

141 86.3 71.3 106.9

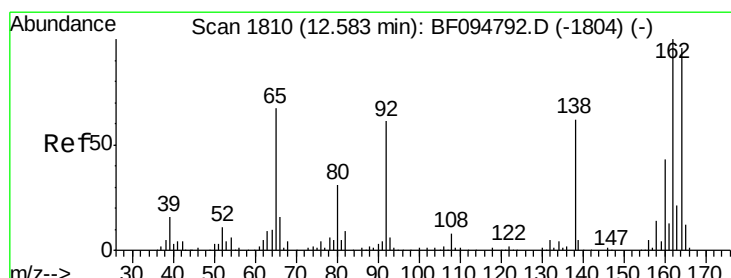
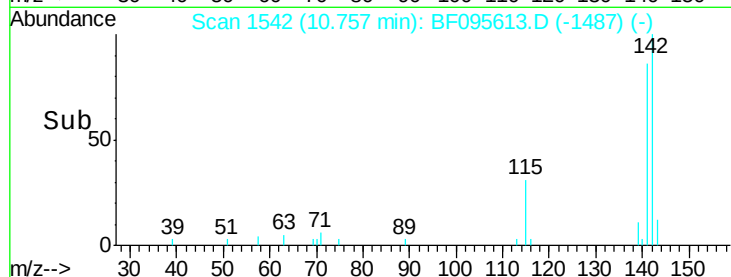
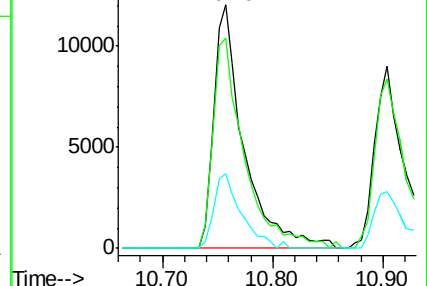
115 30.5 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 12.40 min Scan# 1821

Delta R.T. -0.00 min

Lab File: BF095613.D

Acq: 2 Jun 2017 2:18

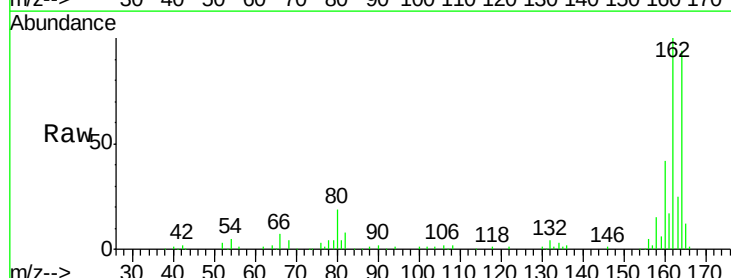
Tgt Ion:164 Resp: 150941

Ion Ratio Lower Upper

164 100

162 106.9 82.6 123.8

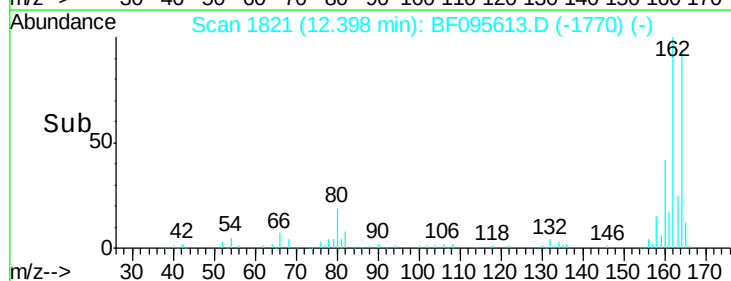
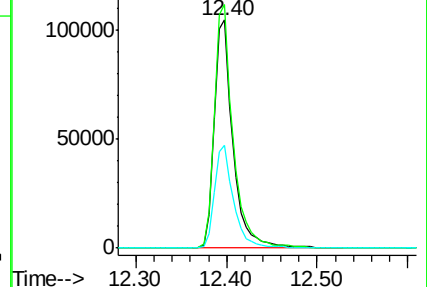
160 45.3 36.2 54.2

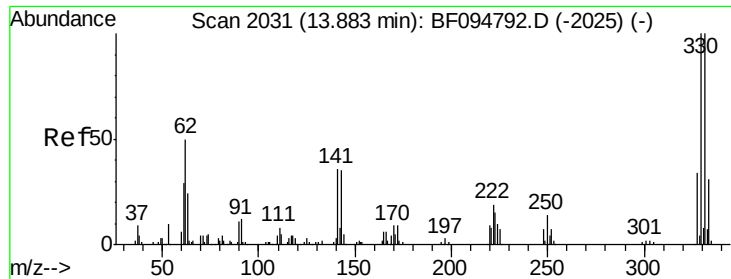


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

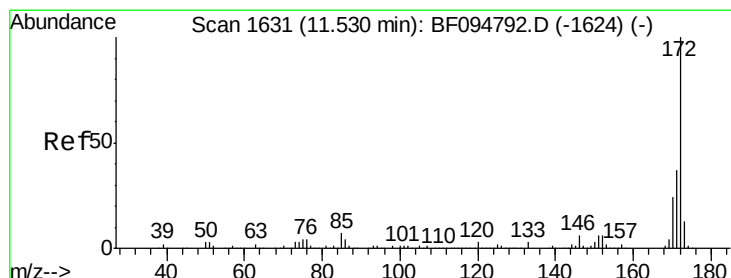
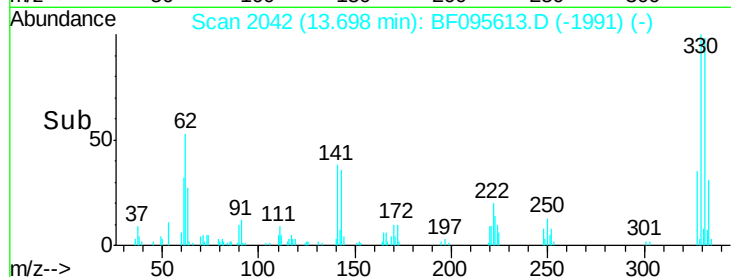
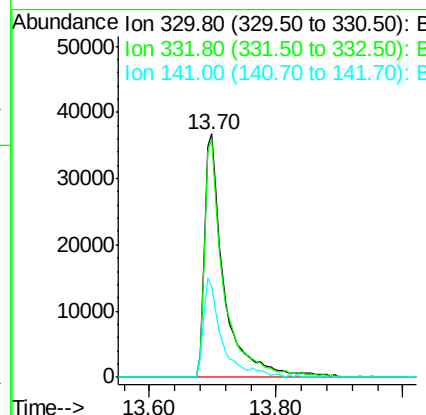
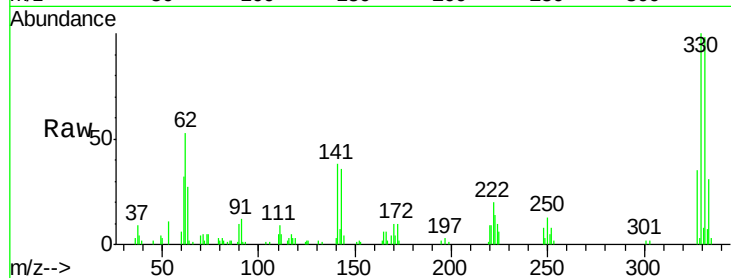




#41
 2,4,6-Tribromophenol
 Concen: 62.900 ng
 RT: 13.70 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BF095613.D
 Acq: 2 Jun 2017 2:18

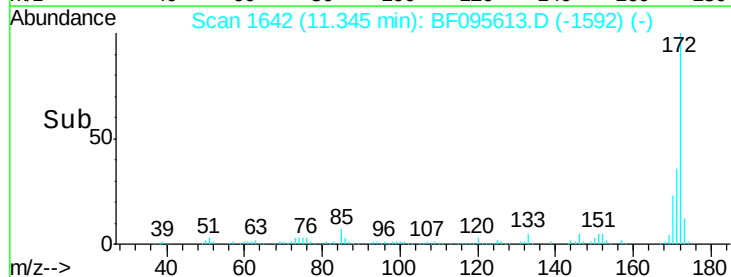
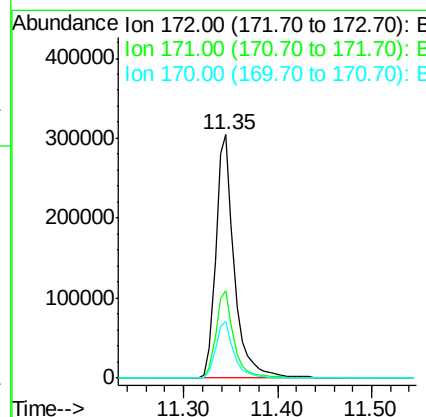
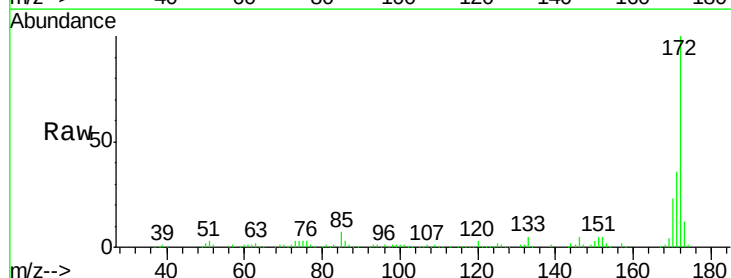
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 WC-NP-ESB-21-22-23-24

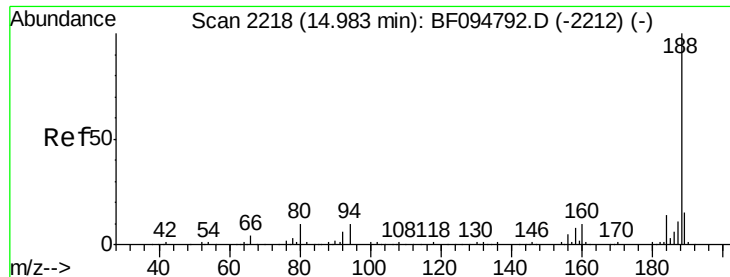
Tgt Ion:330 Resp: 77754
 Ion Ratio Lower Upper
 330 100
 332 93.2 76.6 115.0
 141 38.2 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 40.237 ng
 RT: 11.35 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BF095613.D
 Acq: 2 Jun 2017 2:18

Tgt Ion:172 Resp: 421954
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.1 19.8 29.8





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF095613.D

Acq: 2 Jun 2017 2:18

Instrument :

BNA_F

ClientSampleId :

WC-NP-ESB-21-22-23-24

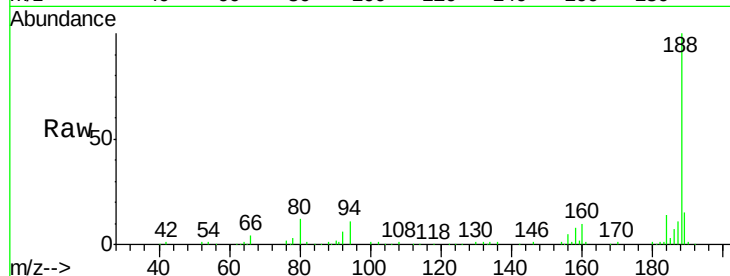
Tgt Ion:188 Resp: 296289

Ion Ratio Lower Upper

188 100

94 11.1 9.4 14.2

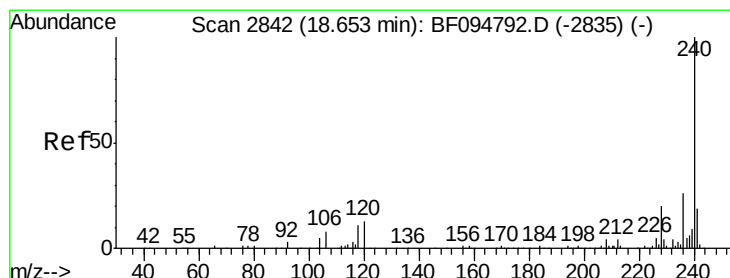
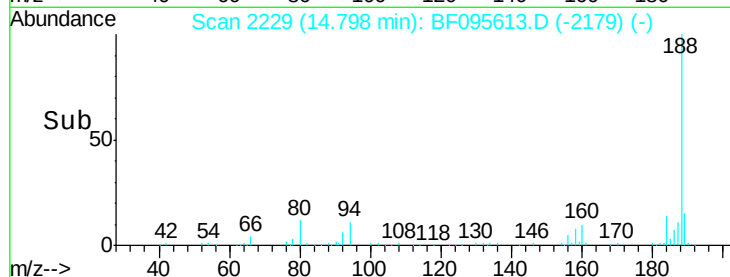
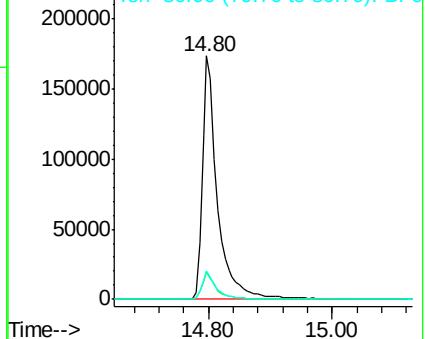
80 11.6 10.2 15.2



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: 20.000 ng

RT: 18.50 min Scan# 2858

Delta R.T. -0.00 min

Lab File: BF095613.D

Acq: 2 Jun 2017 2:18

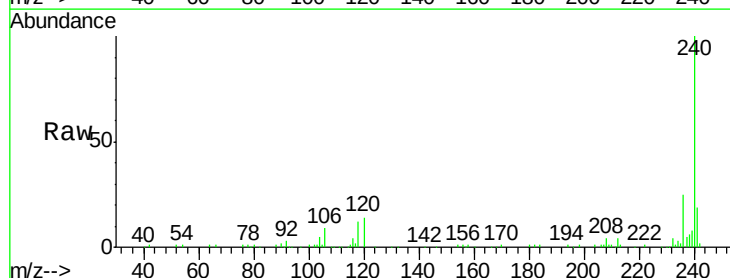
Tgt Ion:240 Resp: 256290

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

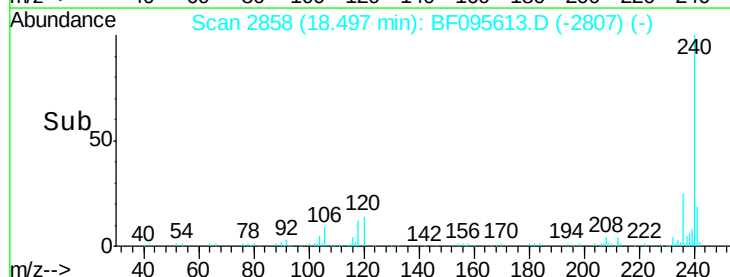
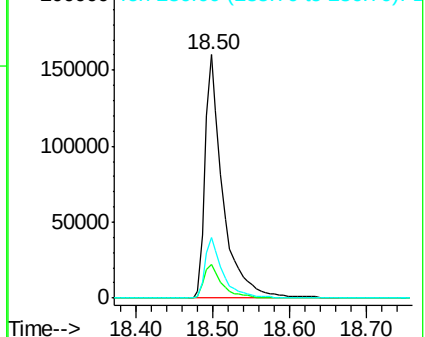
236 24.8 20.5 30.7

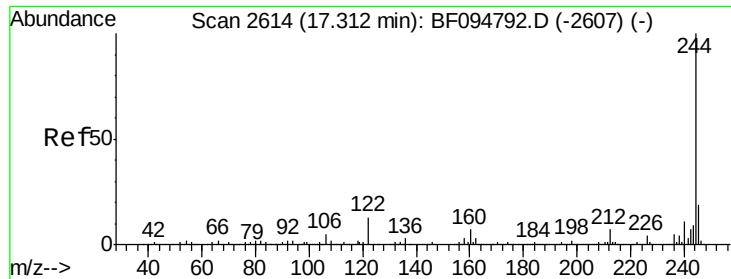


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

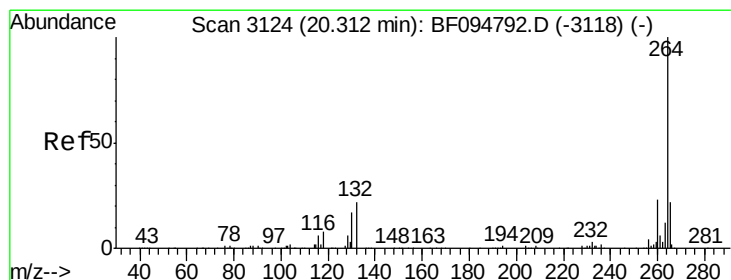
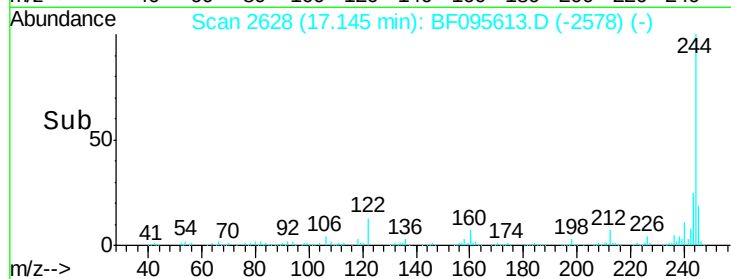
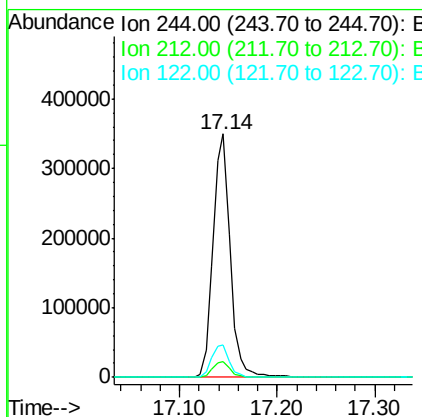
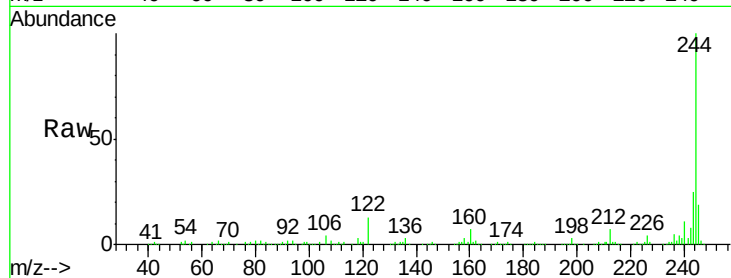




#78
 Terphenyl-d14
 Concen: 36.507 ng
 RT: 17.14 min Scan# 2628
 Delta R.T. -0.01 min
 Lab File: BF095613.D
 Acq: 2 Jun 2017 2:18

Instrument :
 BNA_F
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 WC-NP-ESB-21-22-23-24

Tgt Ion:244 Resp: 424793
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 13.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 20.17 min Scan# 3143
 Delta R.T. 0.01 min
 Lab File: BF095613.D
 Acq: 2 Jun 2017 2:18

Tgt Ion:264 Resp: 176049
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 21.7 17.2 25.8

