

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071417\
 Data File : BF096790.D
 Acq On : 14 Jul 2017 23:55
 Operator : SJ/JU
 Sample : I4176-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-225-241-72-11938-COMP

Quant Time: Jul 15 02:03:22 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

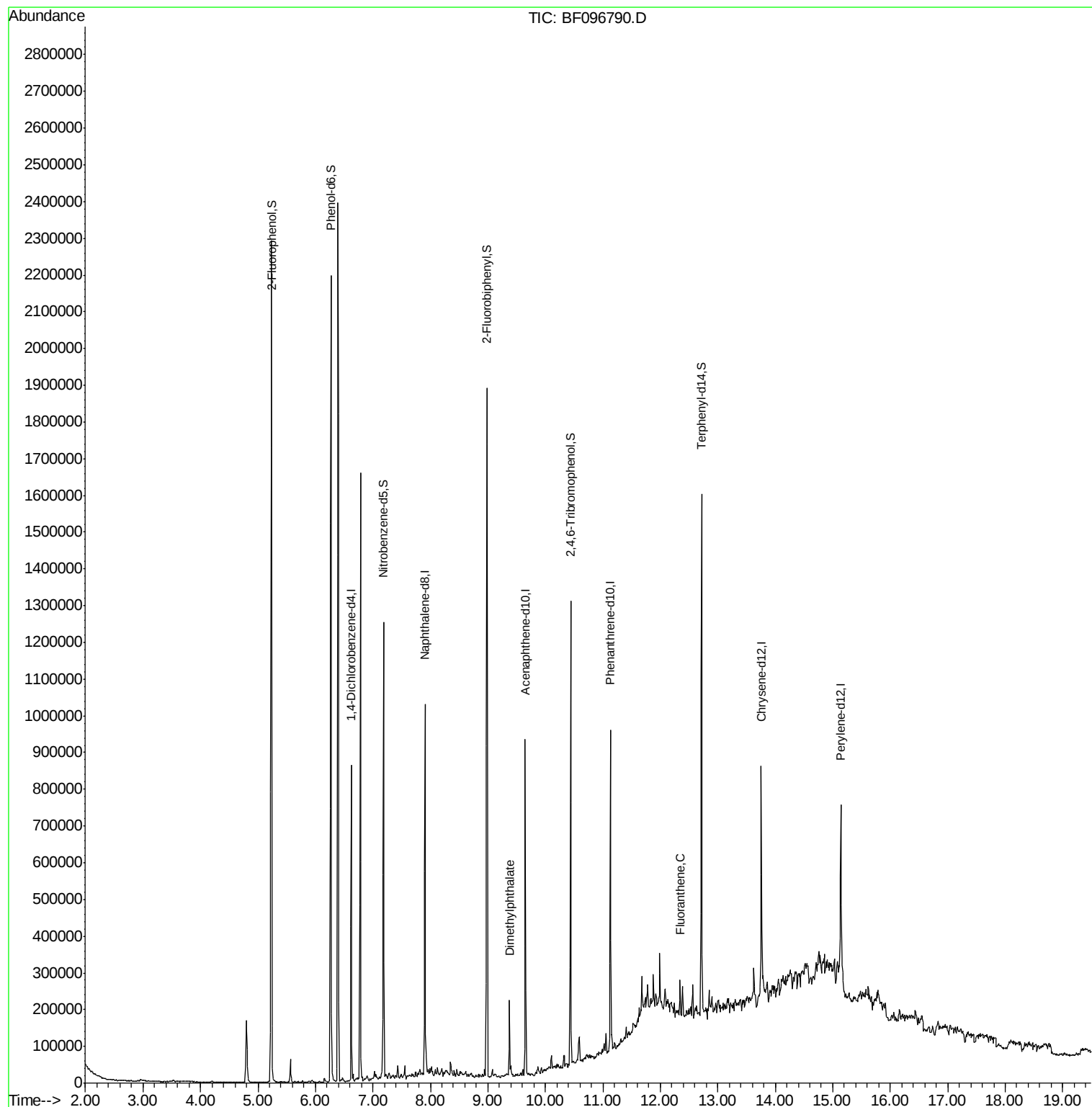
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	117706	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	418467	20.00	ng	-0.02
38) Acenaphthene-d10	9.65	164	185361	20.00	ng	-0.02
63) Phenanthrene-d10	11.13	188	314126	20.00	ng	-0.01
75) Chrysene-d12	13.76	240	216355	20.00	ng	-0.02
86) Perylene-d12	15.14	264	198338	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	633349	80.90	ng	0.00
7) Phenol-d6	6.27	99	776713	82.68	ng	-0.01
23) Nitrobenzene-d5	7.19	82	378163	55.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.44	330	134511	85.01	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	625828	53.34	ng	-0.02
78) Terphenyl-d14	12.72	244	437883	35.10	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.37	163	76150	5.456	ng	Qvalue 96
74) Fluoranthene	12.34	202	33140	2.027	ng	97

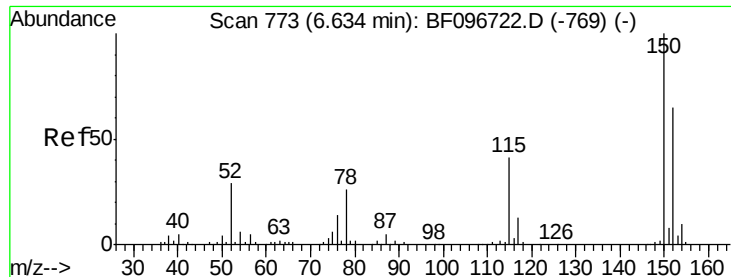
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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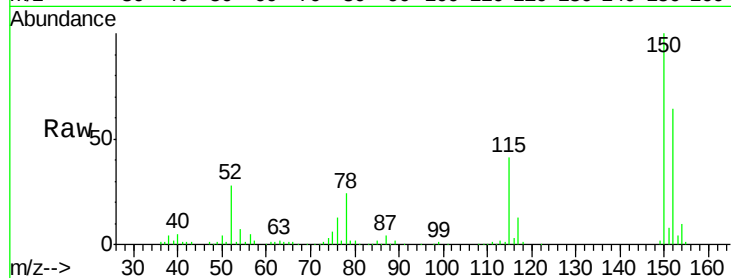


#1

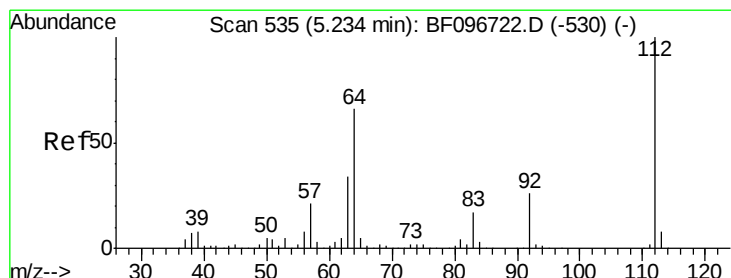
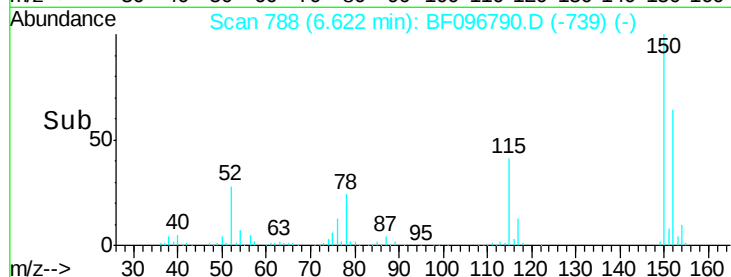
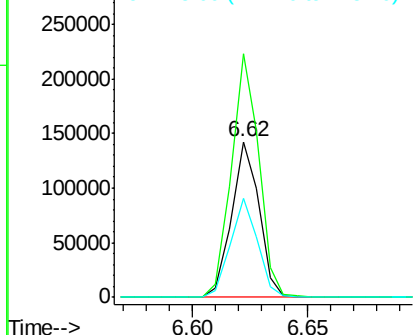
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF096790.D
Acq: 14 Jul 2017 23:55

Instrument :
BNA_F
ClientSampleId :
VNJ-225-241-72-11938-COMP

Tgt Ion:152 Resp: 117706
Ion Ratio Lower Upper
152 100
150 156.4 126.2 189.2
115 63.8 52.2 78.2



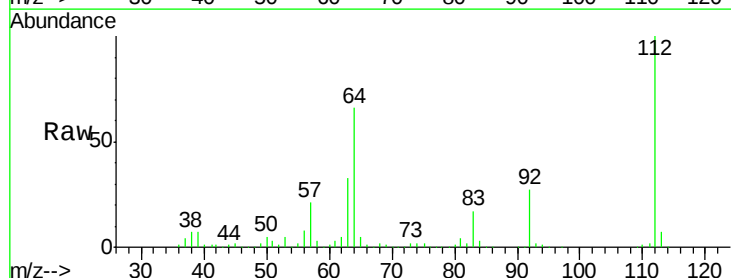
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



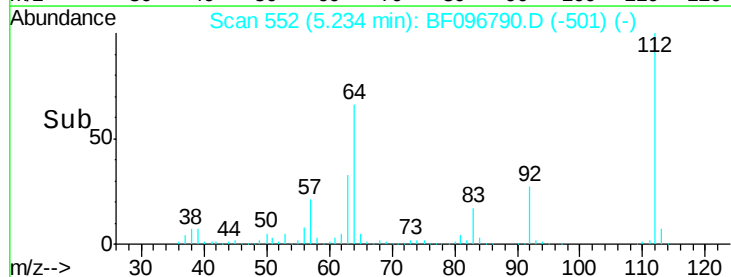
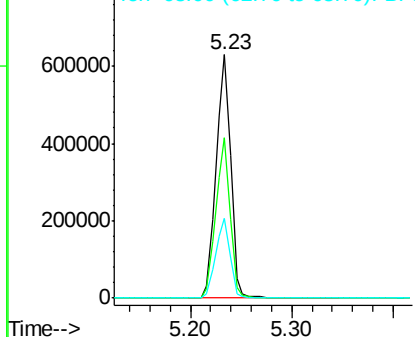
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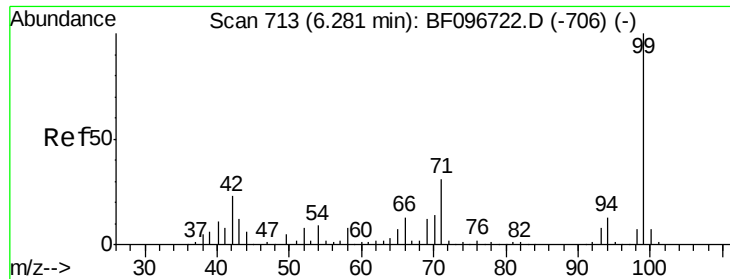
2-Fluorophenol
Concen: 80.904 ng
RT: 5.23 min Scan# 552
Delta R.T. 0.00 min
Lab File: BF096790.D
Acq: 14 Jul 2017 23:55

Tgt Ion:112 Resp: 633349
Ion Ratio Lower Upper
112 100
64 66.0 46.0 69.0
63 32.9 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: 82.680 ng

RT: 6.27 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF096790.D

Acq: 14 Jul 2017 23:55

Instrument :

BNA_F

ClientSampleId :

VNJ-225-241-72-11938-COMP

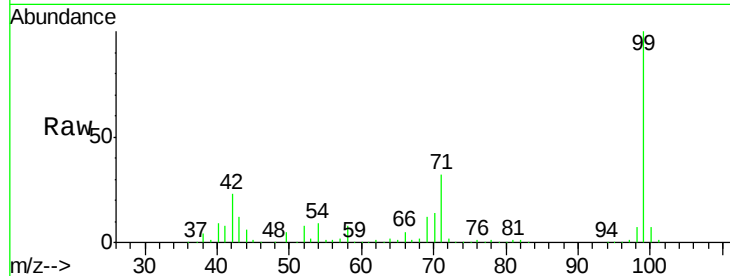
Tgt Ion: 99 Resp: 776713

Ion Ratio Lower Upper

99 100

42 22.8 13.5 20.3#

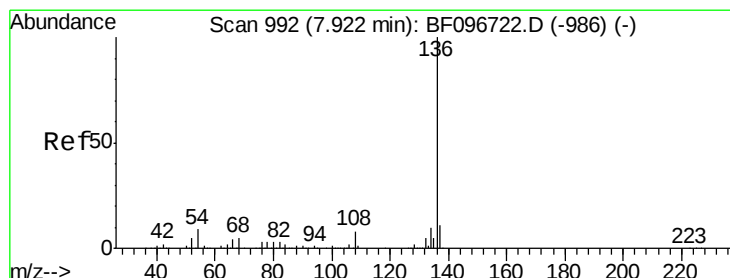
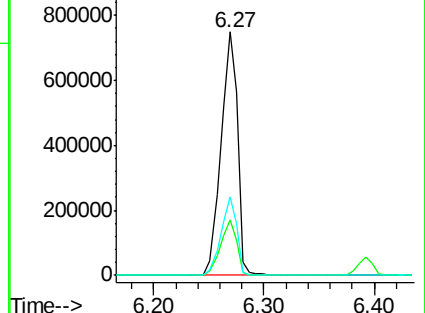
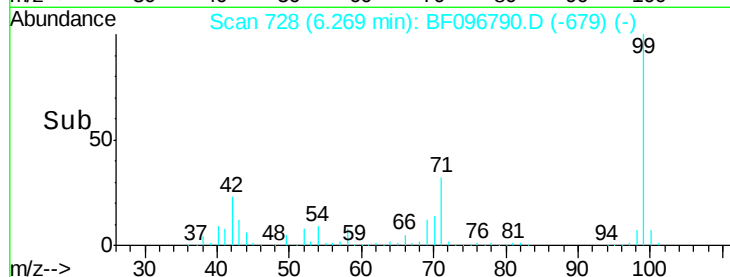
71 32.1 24.5 36.7



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: 7.90 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF096790.D

Acq: 14 Jul 2017 23:55

Tgt Ion: 136 Resp: 418467

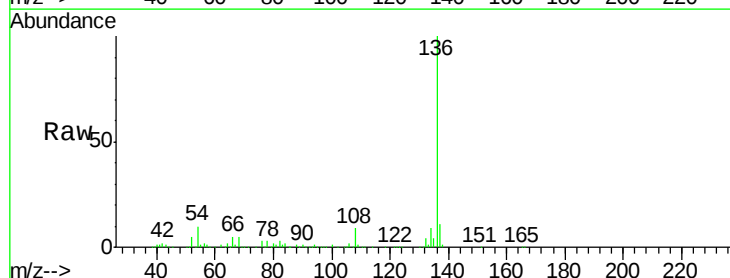
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 9.8 4.9 7.3#

68 5.1 4.1 6.1

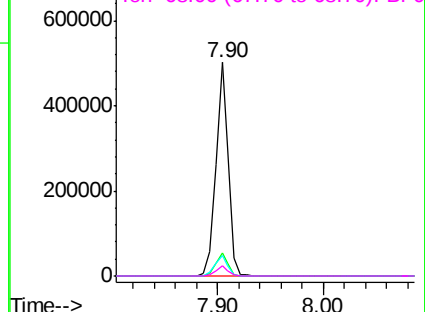
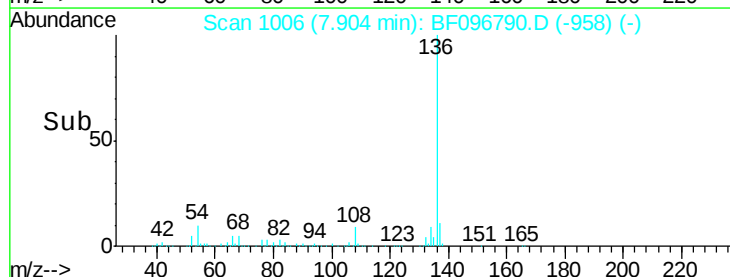


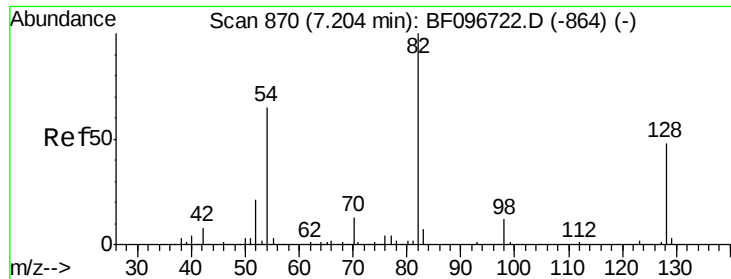
Abundance Ion 136.00 (135.70 to 136.70): E

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

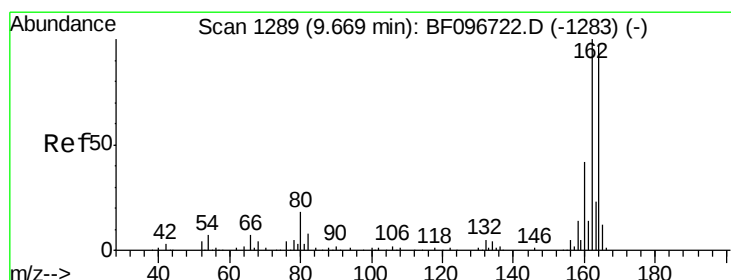
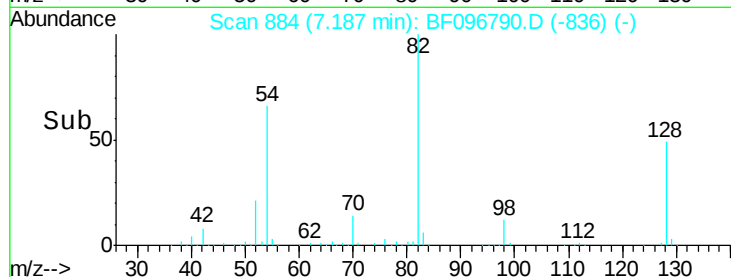
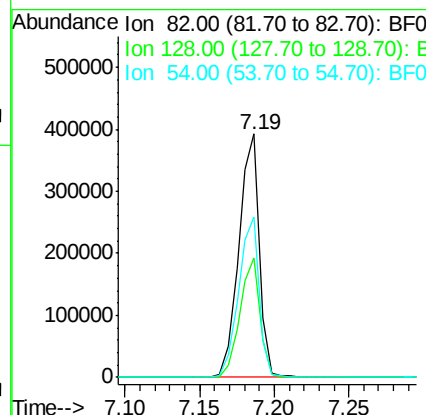
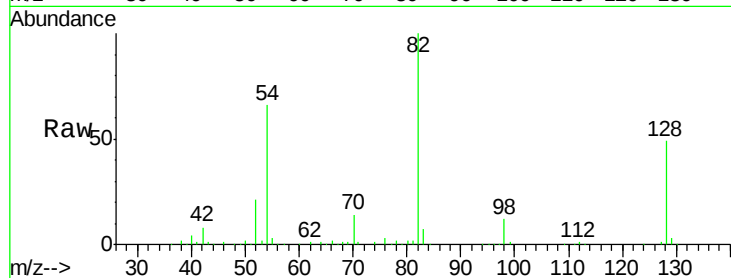




#23
 Nitrobenzene-d5
 Concen: 55.975 ng
 RT: 7.19 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF096790.D
 Acq: 14 Jul 2017 23:55

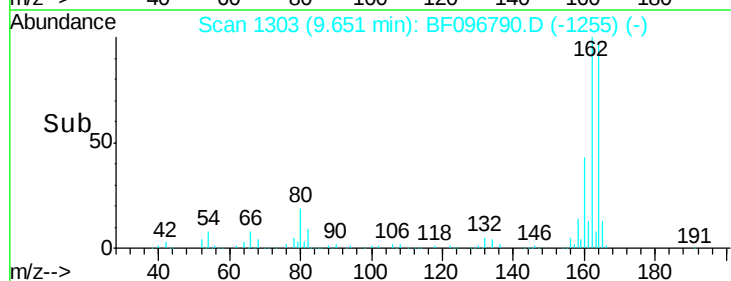
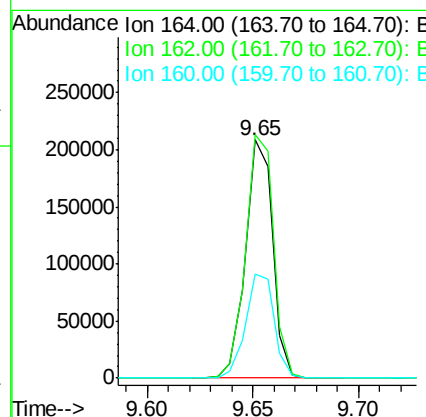
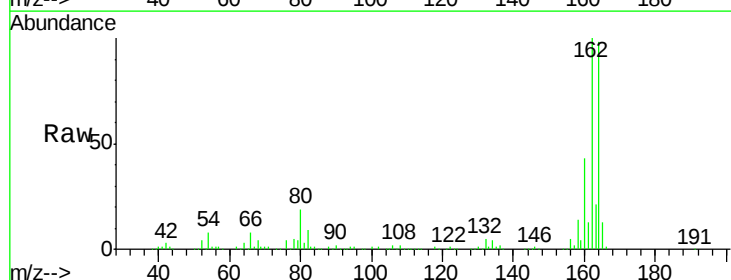
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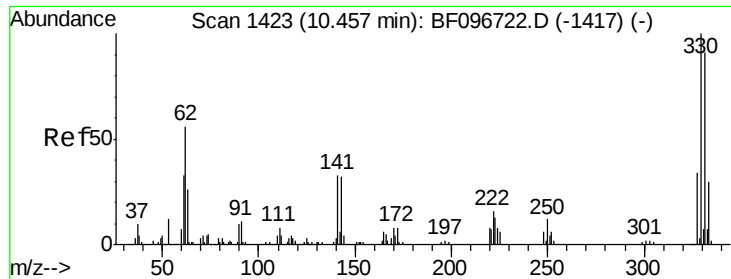
Tgt Ion: 82 Resp: 378163
 Ion Ratio Lower Upper
 82 100
 128 49.0 34.0 51.0
 54 66.1 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.65 min Scan# 1303
 Delta R.T. -0.02 min
 Lab File: BF096790.D
 Acq: 14 Jul 2017 23:55

Tgt Ion: 164 Resp: 185361
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.6 123.8
 160 43.7 36.2 54.2

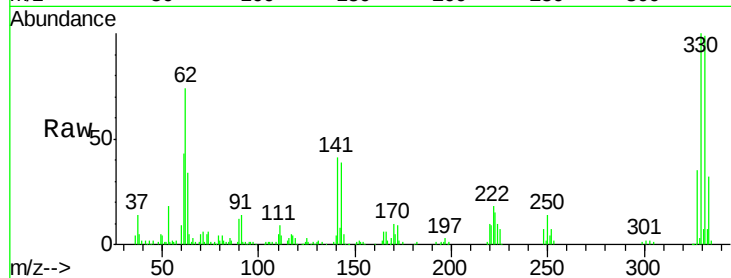




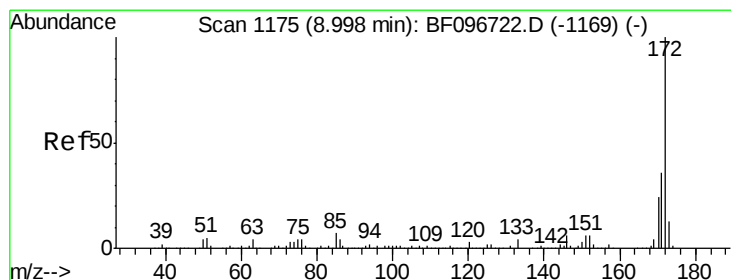
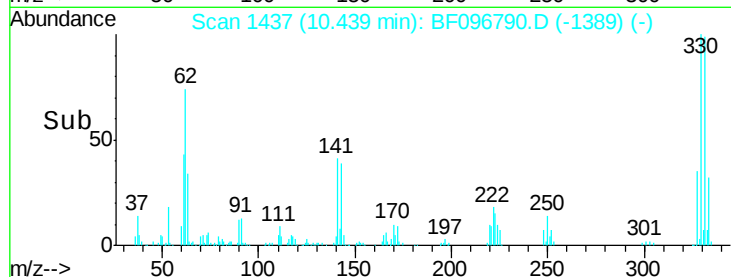
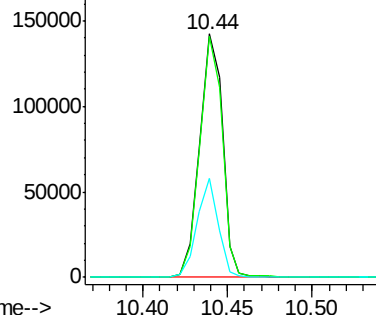
#41
 2,4,6-Tribromophenol
 Concen: 85.014 ng
 RT: 10.44 min Scan# 1437
 Delta R.T. -0.02 min
 Lab File: BF096790.D
 Acq: 14 Jul 2017 23:55

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-225-241-72-11938-COMP

Tgt Ion: 330 Resp: 134511
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 115.0
 141 38.0 31.4 47.2

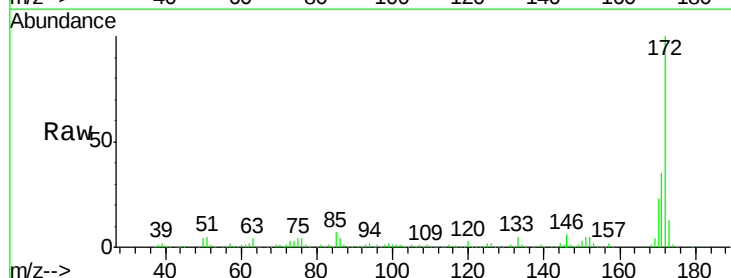


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

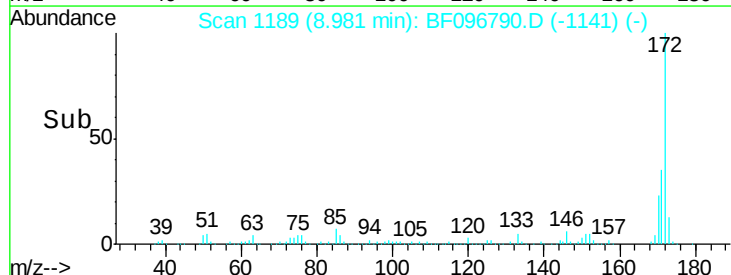
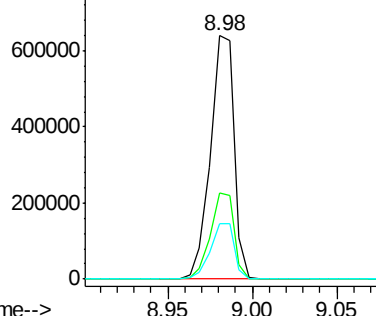


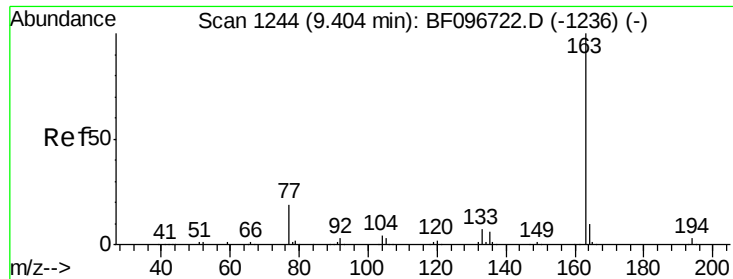
#44
 2-Fluorobiphenyl
 Concen: 53.342 ng
 RT: 8.98 min Scan# 1189
 Delta R.T. -0.02 min
 Lab File: BF096790.D
 Acq: 14 Jul 2017 23:55

Tgt Ion: 172 Resp: 625828
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.0 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

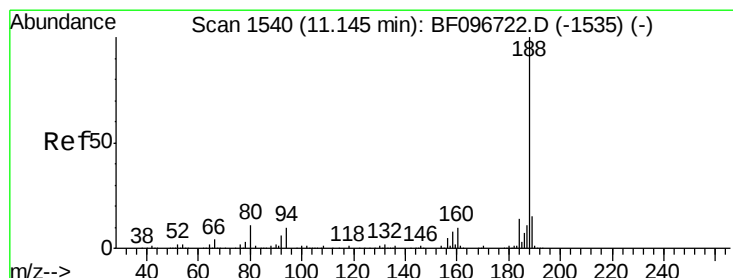
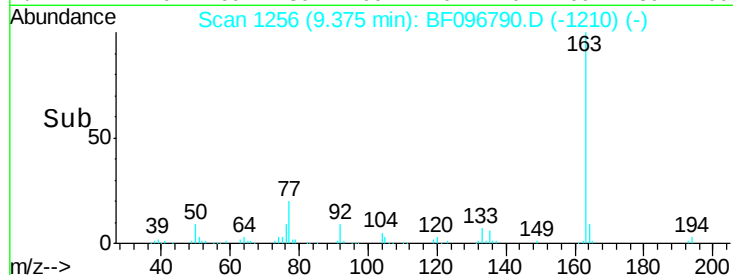
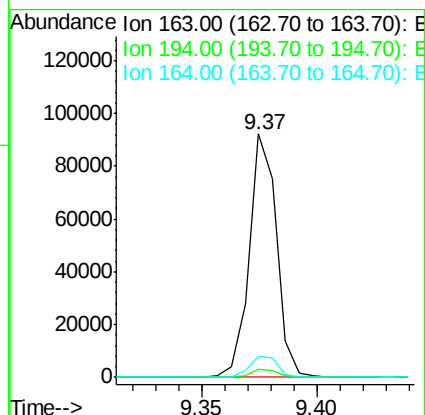
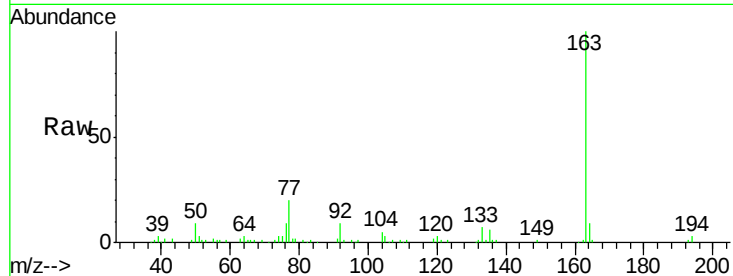




#49
Dimethylphthalate
Concen: 5.456 ng
RT: 9.37 min Scan# 1256
Delta R.T. -0.03 min
Lab File: BF096790.D
Acq: 14 Jul 2017 23:55

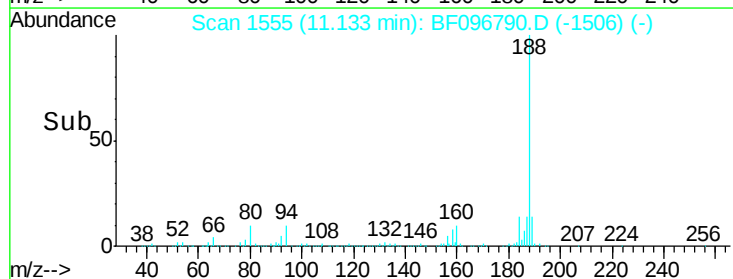
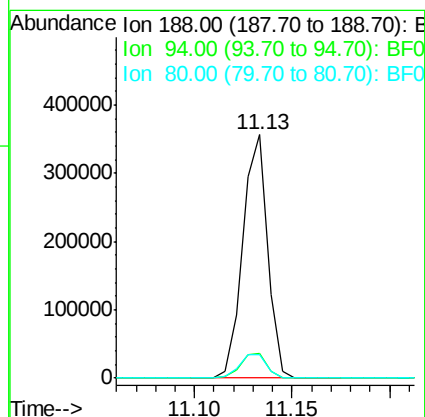
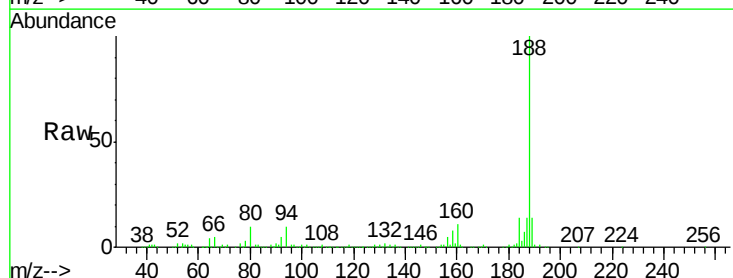
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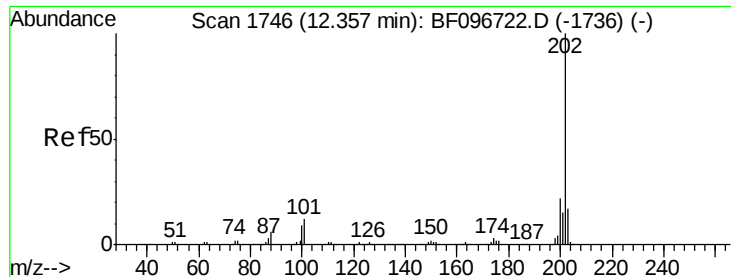
Tgt Ion:163 Resp: 76150
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 8.8 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.13 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF096790.D
Acq: 14 Jul 2017 23:55

Tgt Ion:188 Resp: 314126
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.2
80 9.8 10.2 15.2#





#74

Fluoranthene

Concen: 2.027 ng

RT: 12.34 min Scan# 1760

Delta R.T. -0.02 min

Lab File: BF096790.D

Acq: 14 Jul 2017 23:55

Instrument :

BNA_F

ClientSampleId :

VNJ-225-241-72-11938-COMP

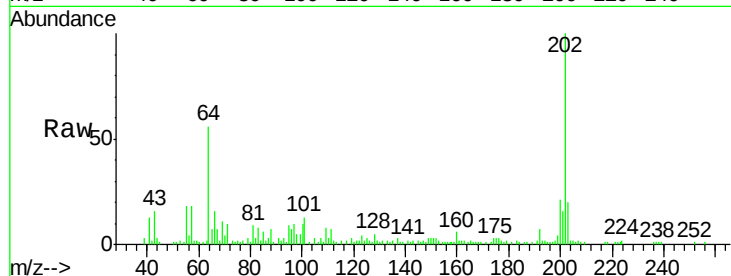
Tgt Ion: 202 Resp: 33140

Ion Ratio Lower Upper

202 100

101 13.5 0.0 33.2

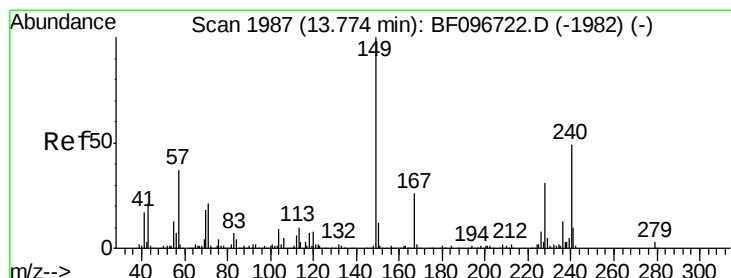
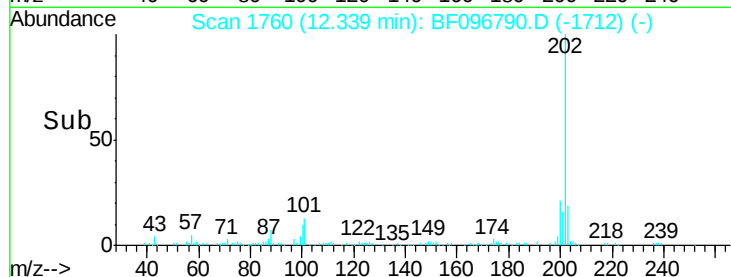
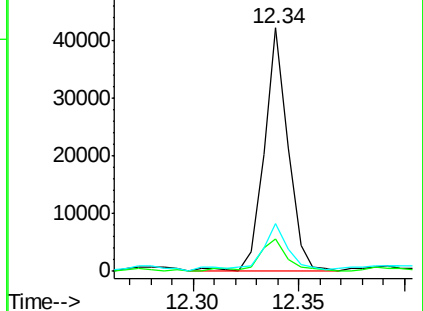
203 19.9 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.76 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BF096790.D

Acq: 14 Jul 2017 23:55

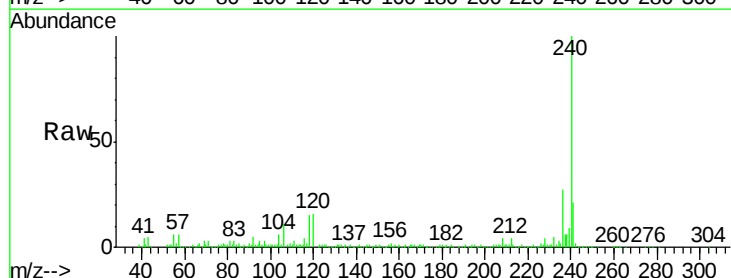
Tgt Ion: 240 Resp: 216355

Ion Ratio Lower Upper

240 100

120 15.8 5.8 8.8#

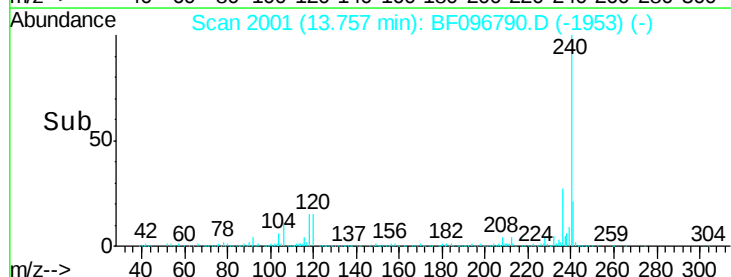
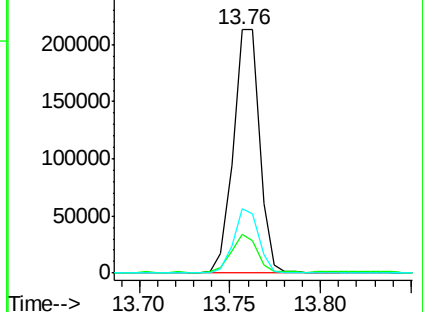
236 26.5 20.5 30.7

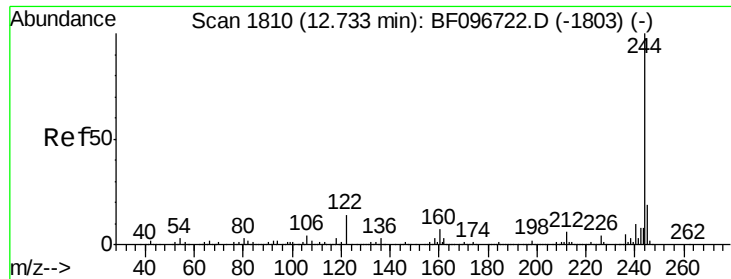


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

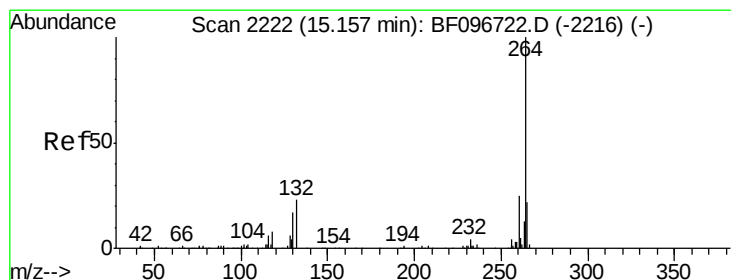
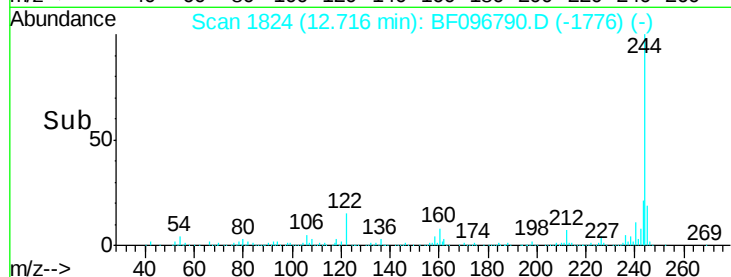
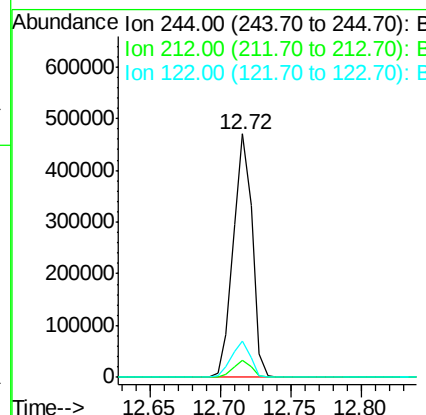
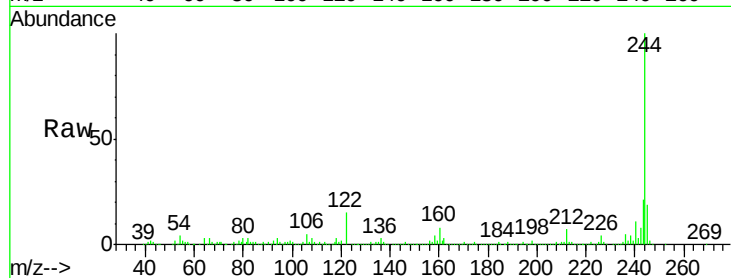




#78
 Terphenyl-d14
 Concen: 35.100 ng
 RT: 12.72 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF096790.D
 Acq: 14 Jul 2017 23:55

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-225-241-72-11938-COMP

Tgt Ion:244 Resp: 437883
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 14.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.14 min Scan# 2236
 Delta R.T. -0.02 min
 Lab File: BF096790.D
 Acq: 14 Jul 2017 23:55

Tgt Ion:264 Resp: 198338
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.5 29.3
 265 21.1 17.2 25.8

