

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096616.D
 Acq On : 10 Jul 2017 22:16
 Operator : SJ/JU
 Sample : I4078-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-211

Quant Time: Jul 11 04:10:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

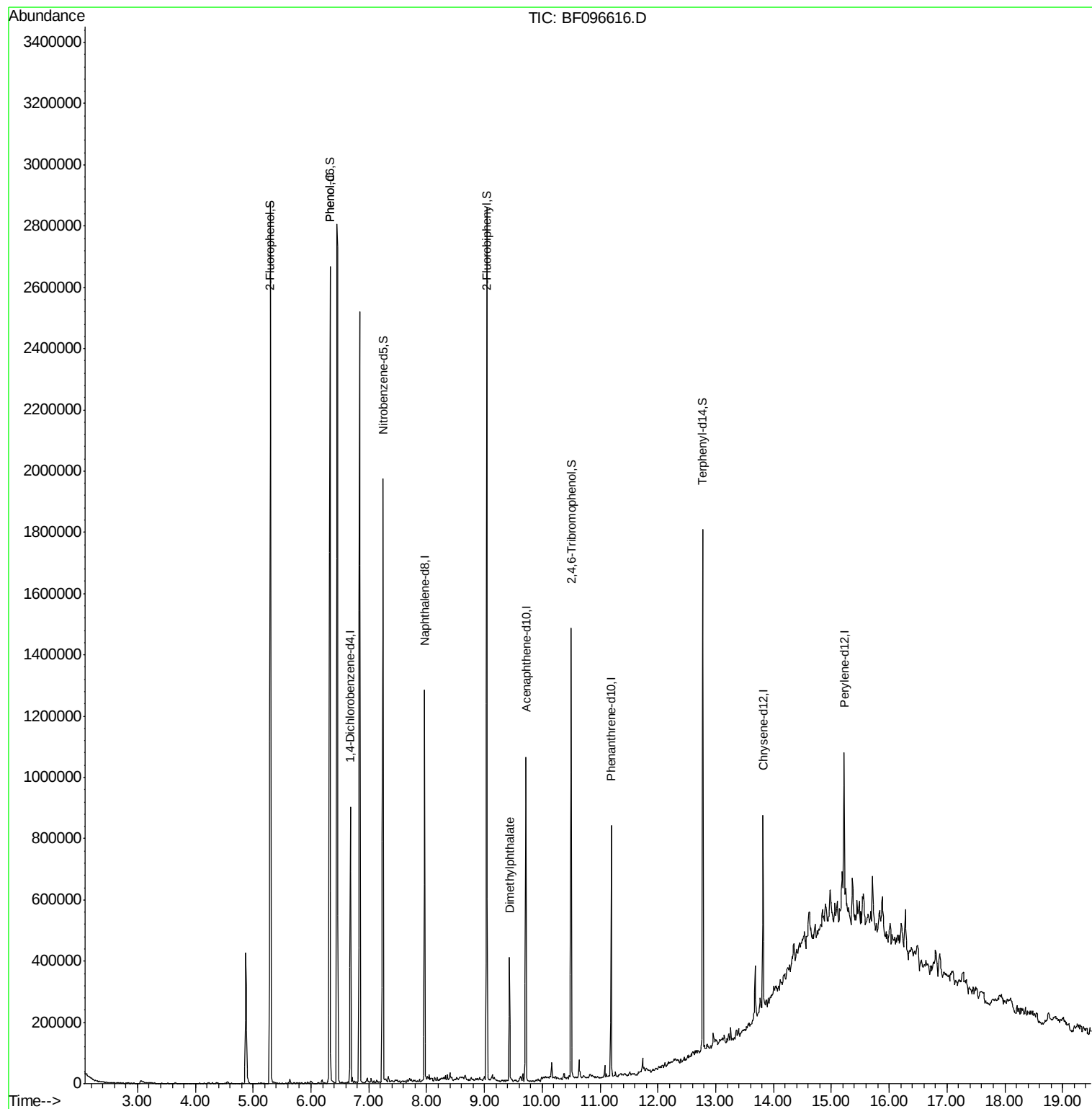
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	127283	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	534488	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	210937	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	273278	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	232469	20.00	ng	-0.02
86) Perylene-d12	15.22	264	224770	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	829836	96.23	ng	-0.01
7) Phenol-d6	6.33	99	1028668	97.03	ng	-0.02
23) Nitrobenzene-d5	7.25	82	612806	68.90	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	152069	92.29	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	935412	75.82	ng	-0.02
78) Terphenyl-d14	12.77	244	524319	48.20	ng	-0.02
Target Compounds						
10) Phenol	6.33	94	29651	2.45	ng	93
49) Dimethylphthalate	9.43	163	136026	8.64	ng	99

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

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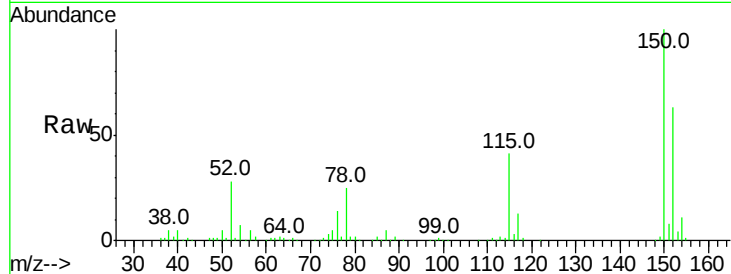


#1

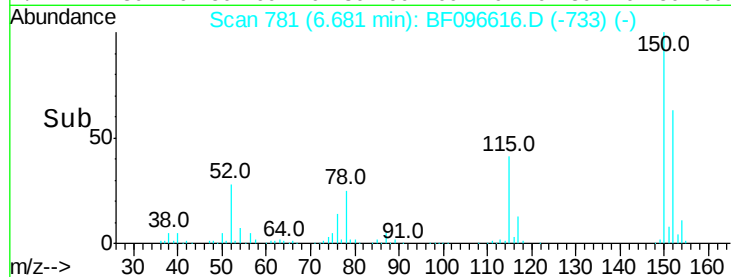
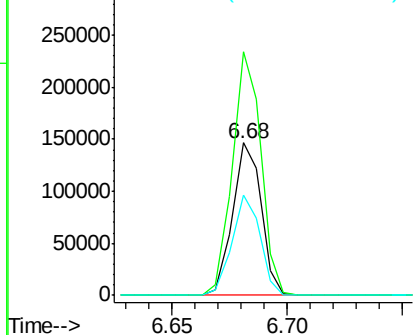
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF096616.D
Acq: 10 Jul 2017 22:16

Instrument :
BNA_F
ClientSampleId :
VNJ-211

Tot Ion:152 Resp: 127283
Ion Ratio Lower Upper
152 100
150 159.5 126.2 189.2
115 65.5 52.2 78.2



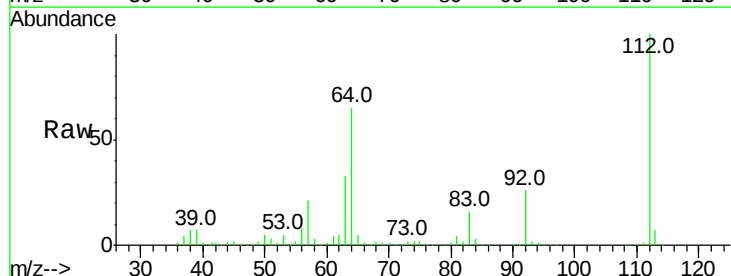
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



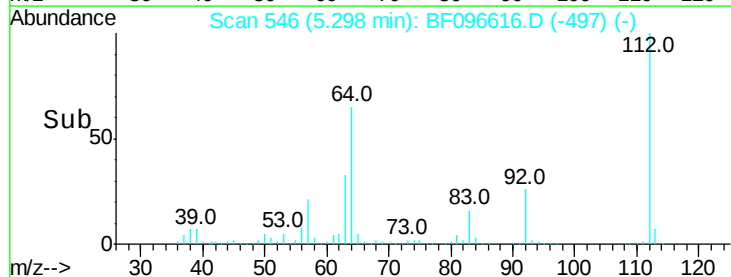
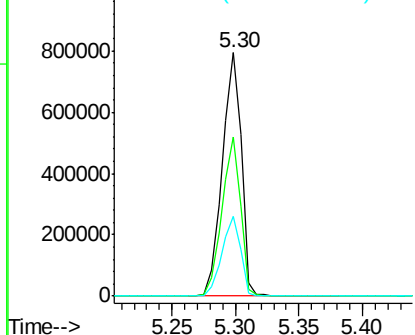
#5

2-Fluorophenol
Concen: 96.23 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096616.D
Acq: 10 Jul 2017 22:16

Tgt Ion:112 Resp: 829836
Ion Ratio Lower Upper
112 100
64 65.3 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: 97.03 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096616.D

Acq: 10 Jul 2017 22:16

Instrument :

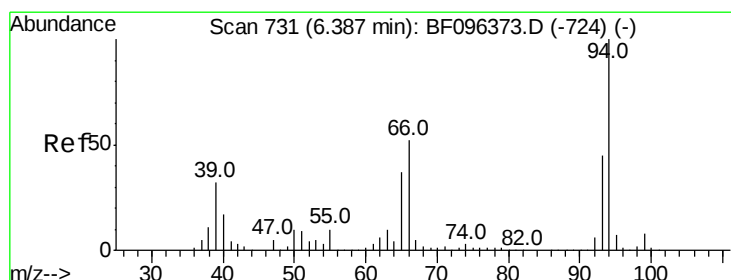
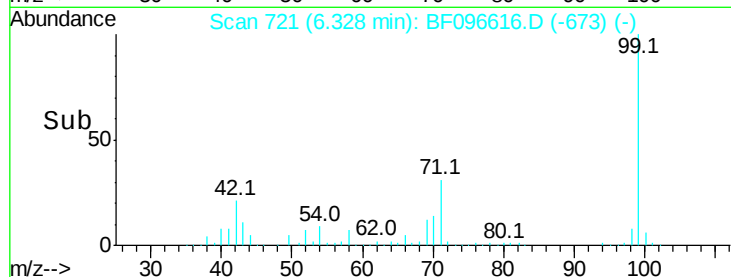
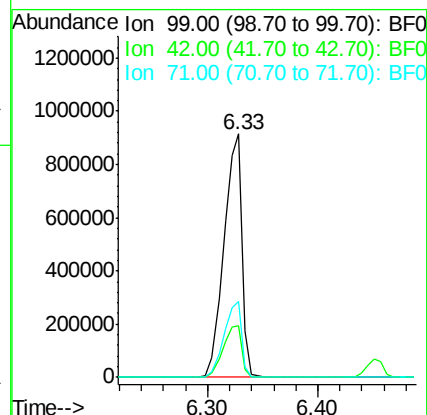
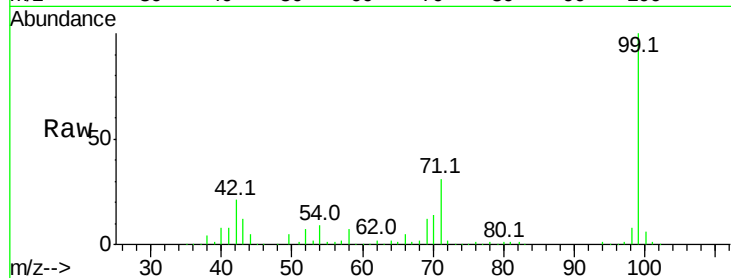
BNA_F

ClientSampleId :

VNJ-211

Tot Ion: 99 Resp: 1028668

Ion	Ratio	Lower	Upper
99	100		
42	21.4	13.5	20.3#
71	31.3	24.5	36.7



#10

Phenol

Concen: 2.45 ng

RT: 6.33 min Scan# 722

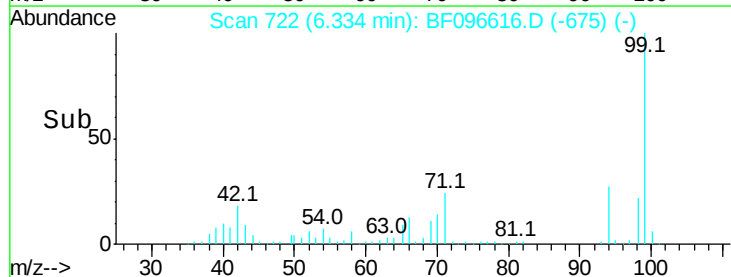
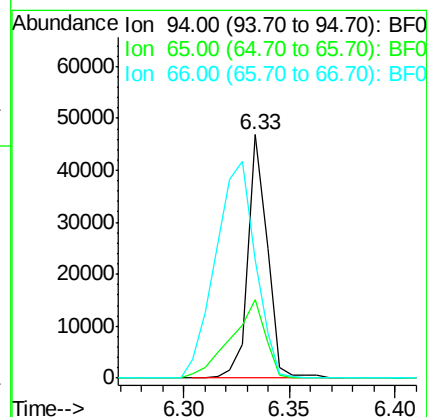
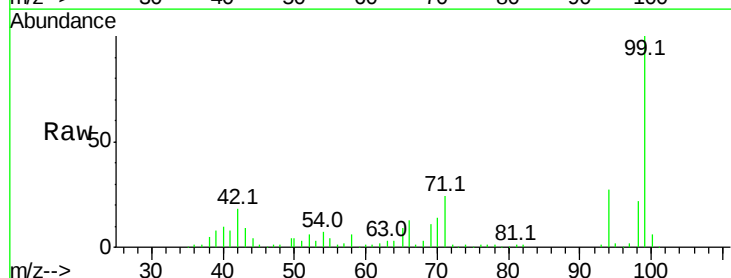
Delta R.T. -0.02 min

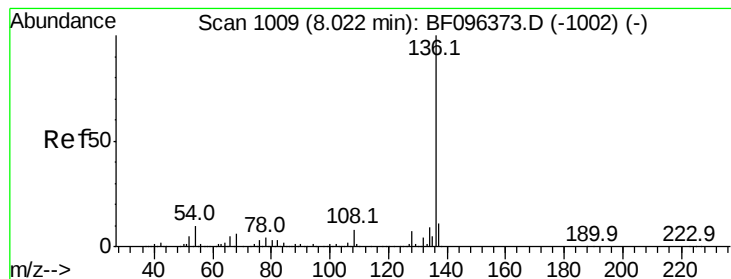
Lab File: BF096616.D

Acq: 10 Jul 2017 22:16

Tgt Ion: 94 Resp: 29651

Ion	Ratio	Lower	Upper
94	100		
65	32.1	9.9	49.9
66	48.5	23.1	63.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.02 min

Lab File: BF096616.D

Acq: 10 Jul 2017 22:16

Instrument :

BNA_F

ClientSampleId :

VNJ-211

Tot Ion:136 Resp: 534488

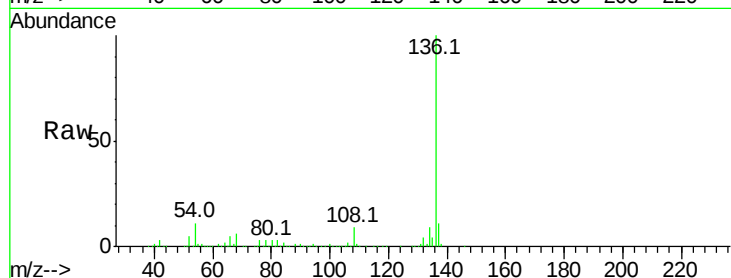
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 10.6 4.9 7.3#

68 5.8 4.1 6.1

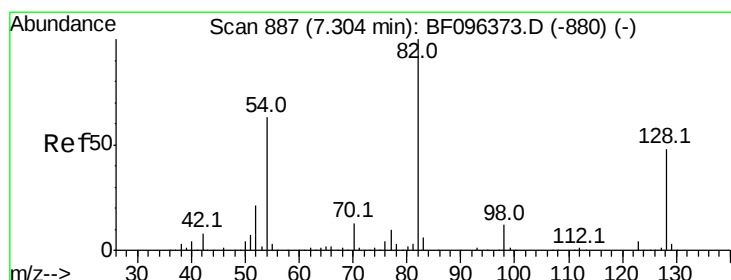
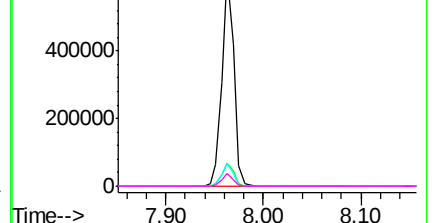
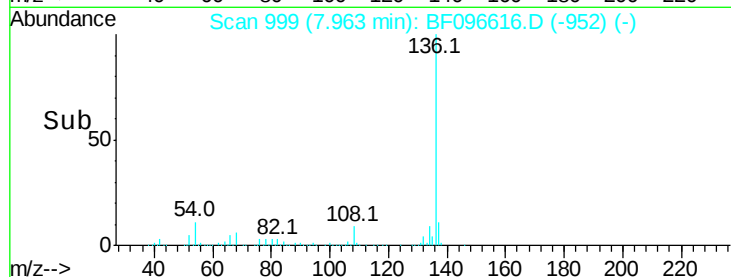


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.90 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.02 min

Lab File: BF096616.D

Acq: 10 Jul 2017 22:16

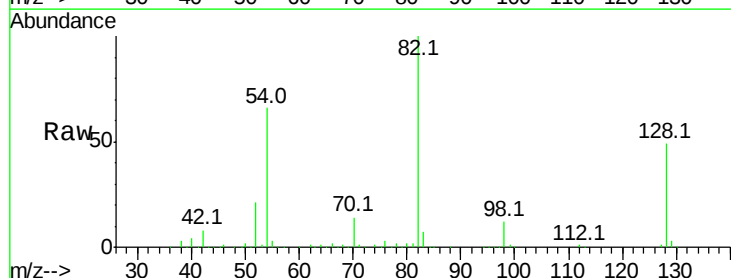
Tgt Ion: 82 Resp: 612806

Ion Ratio Lower Upper

82 100

128 48.7 34.0 51.0

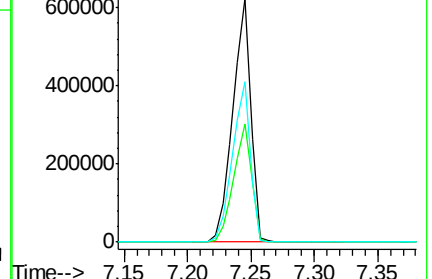
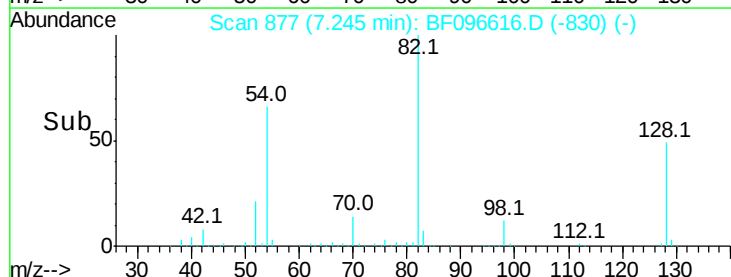
54 65.9 42.2 63.2#

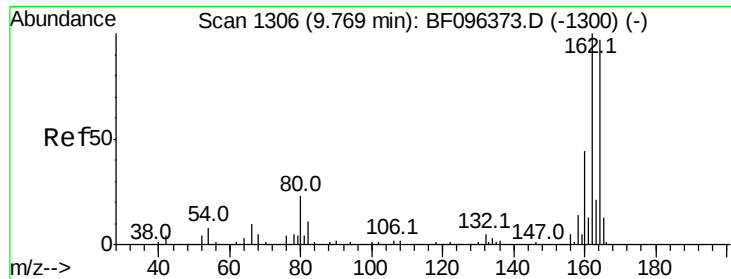


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

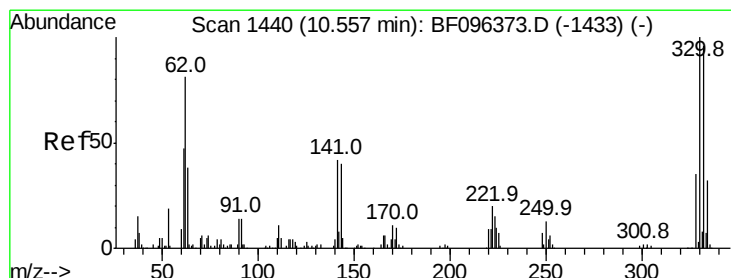
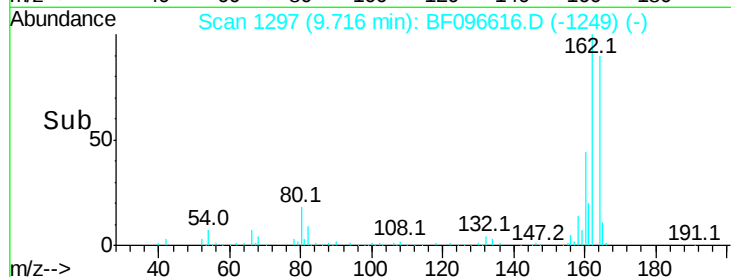
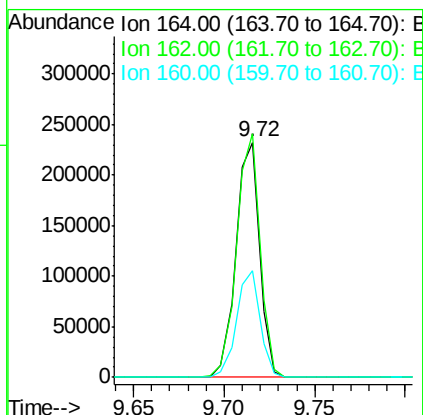
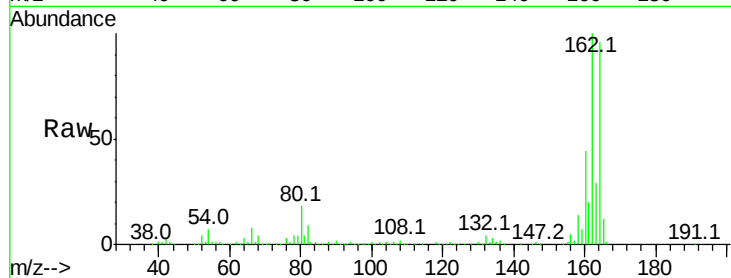




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF096616.D
 Acq: 10 Jul 2017 22:16

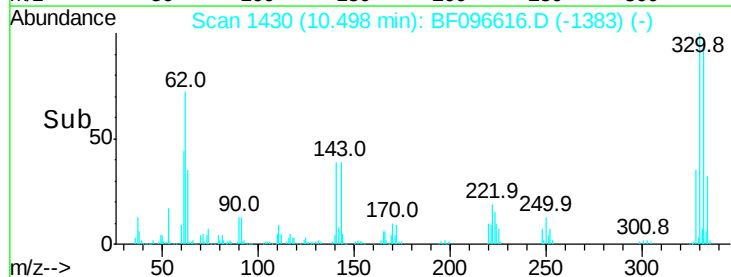
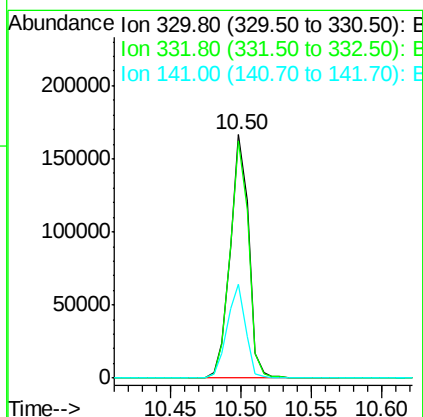
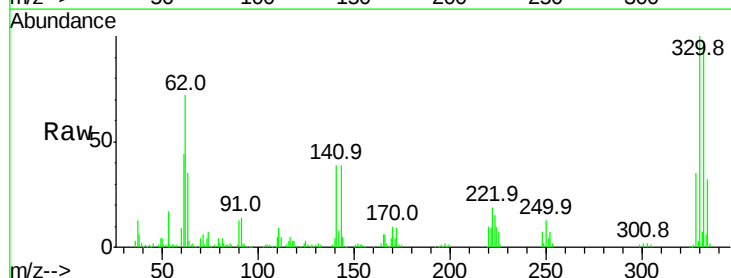
Instrument :
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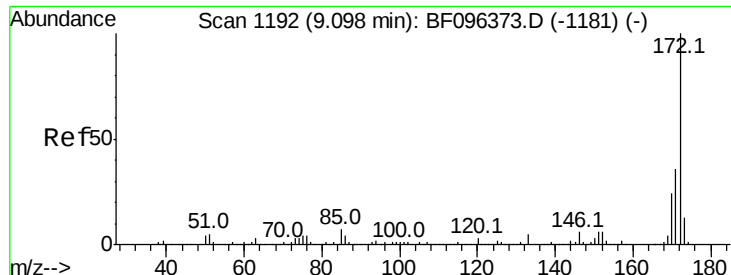
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.8	82.6	123.8
160	45.5	36.2	54.2



#41
 2,4,6-Tribromophenol
 Concen: 92.29 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF096616.D
 Acq: 10 Jul 2017 22:16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	115.0
141	38.4	31.4	47.2

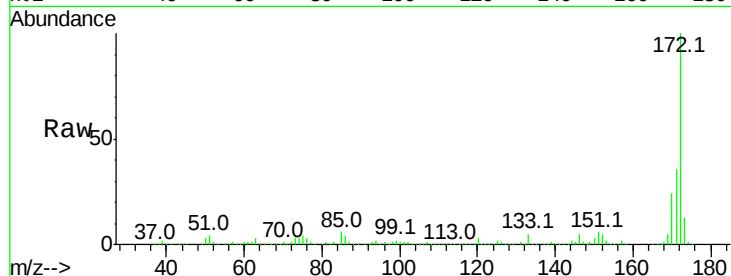




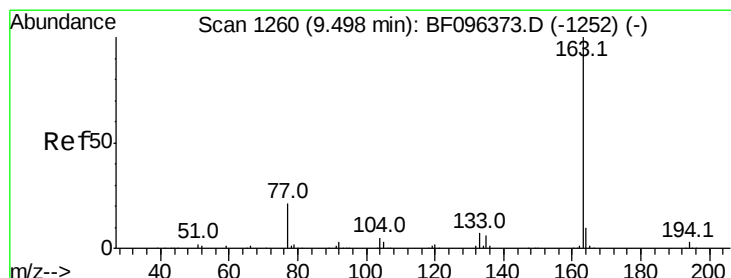
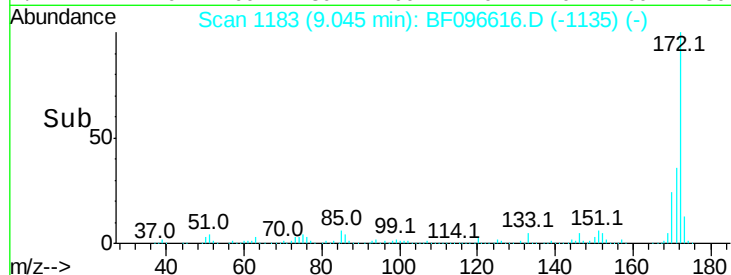
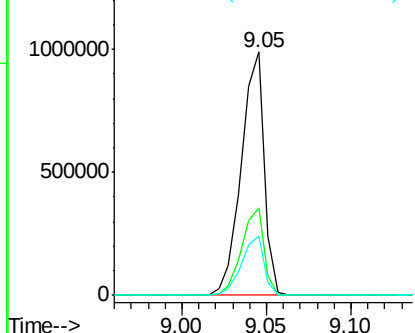
#44
2-Fluorobiphenyl
Concen: 75.82 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF096616.D
Acq: 10 Jul 2017 22:16

Instrument :
BNA_F
ClientSampleId :
VNJ-211

Tot Ion:172 Resp: 935412
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.3 19.8 29.8

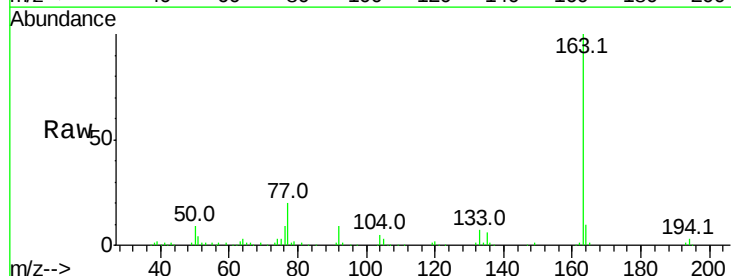


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

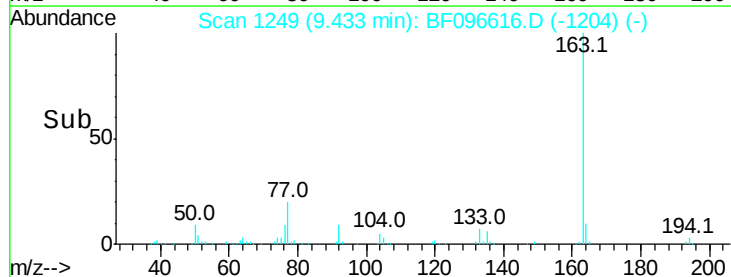
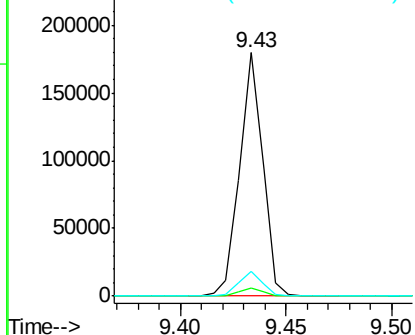


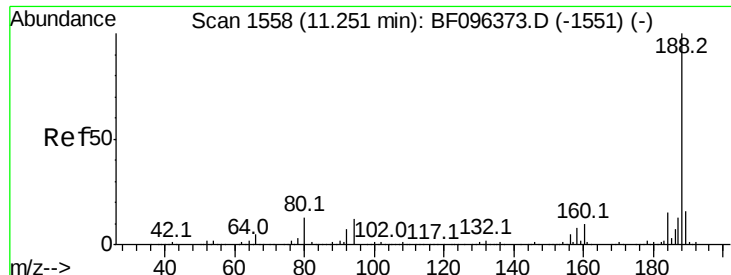
#49
Dimethylphthalate
Concen: 8.64 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.04 min
Lab File: BF096616.D
Acq: 10 Jul 2017 22:16

Tgt Ion:163 Resp: 136026
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 10.1 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

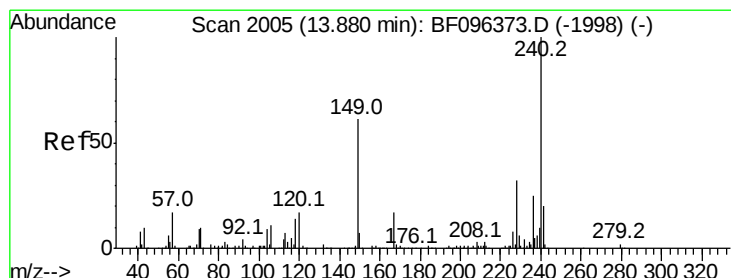
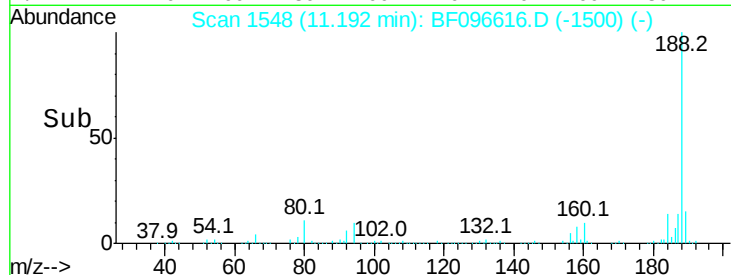
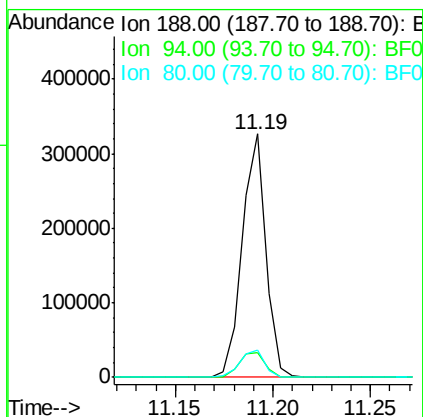
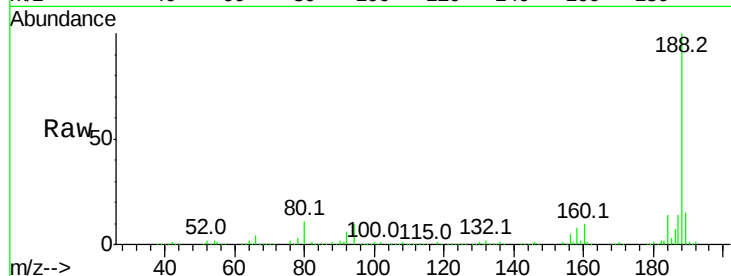




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF096616.D
Acq: 10 Jul 2017 22:16

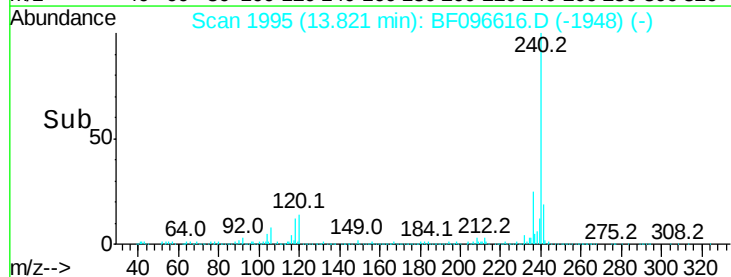
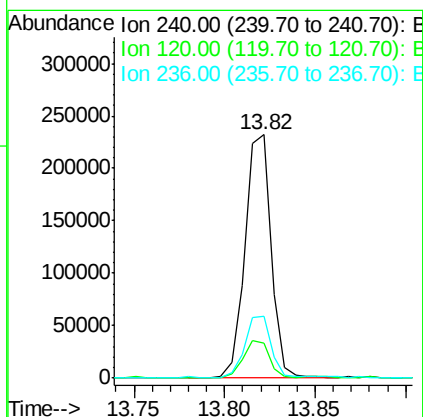
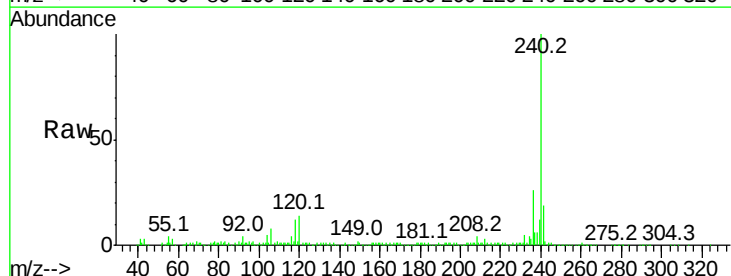
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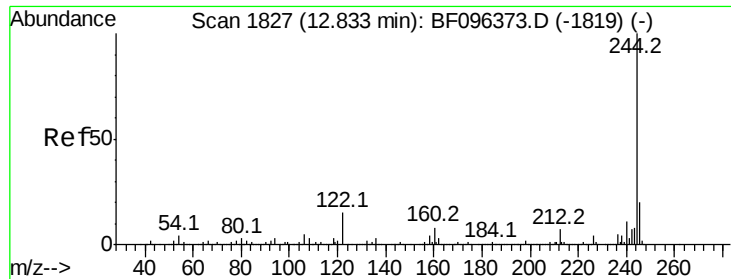
Tot Ion:188 Resp: 273278
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 11.0 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF096616.D
Acq: 10 Jul 2017 22:16

Tgt Ion:240 Resp: 232469
Ion Ratio Lower Upper
240 100
120 14.2 5.8 8.8#
236 25.5 20.5 30.7





#78

Terphenyl-d14

Concen: 48.20 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF096616.D

Acq: 10 Jul 2017 22:16

Instrument :

BNA_F

ClientSampleId :

VNJ-211

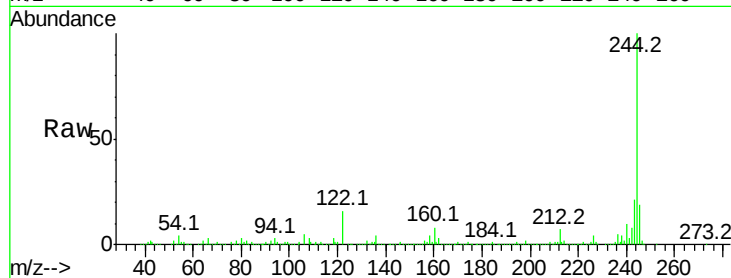
Tot Ion:244 Resp: 524319

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

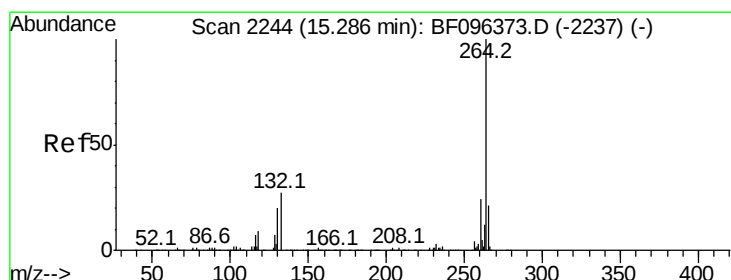
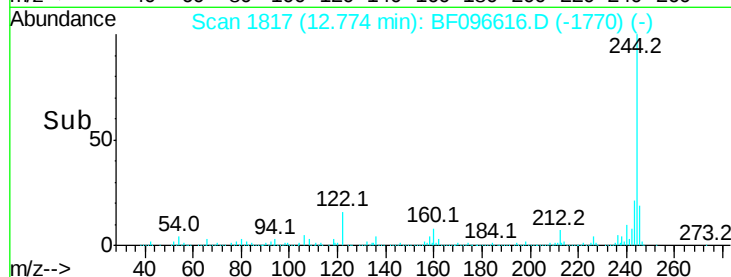
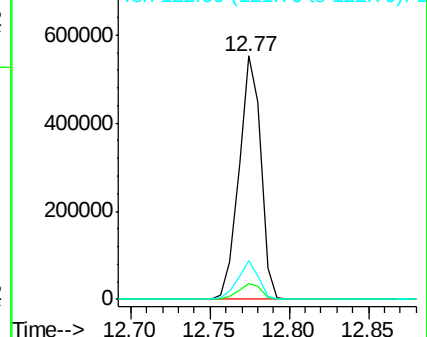
122 16.0 10.3 15.5#



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: 15.22 min Scan# 2233

Delta R.T. -0.02 min

Lab File: BF096616.D

Acq: 10 Jul 2017 22:16

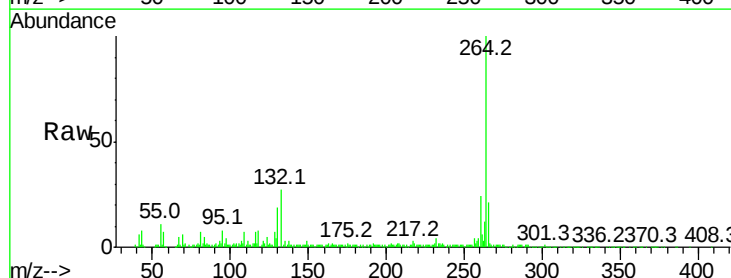
Tgt Ion:264 Resp: 224770

Ion Ratio Lower Upper

264 100

260 23.6 19.5 29.3

265 21.2 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

