

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
 Data File : BF097893.D
 Acq On : 19 Aug 2017 21:56
 Operator : SJ/JU
 Sample : I4852-04 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-242

Quant Time: Aug 21 02:44:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

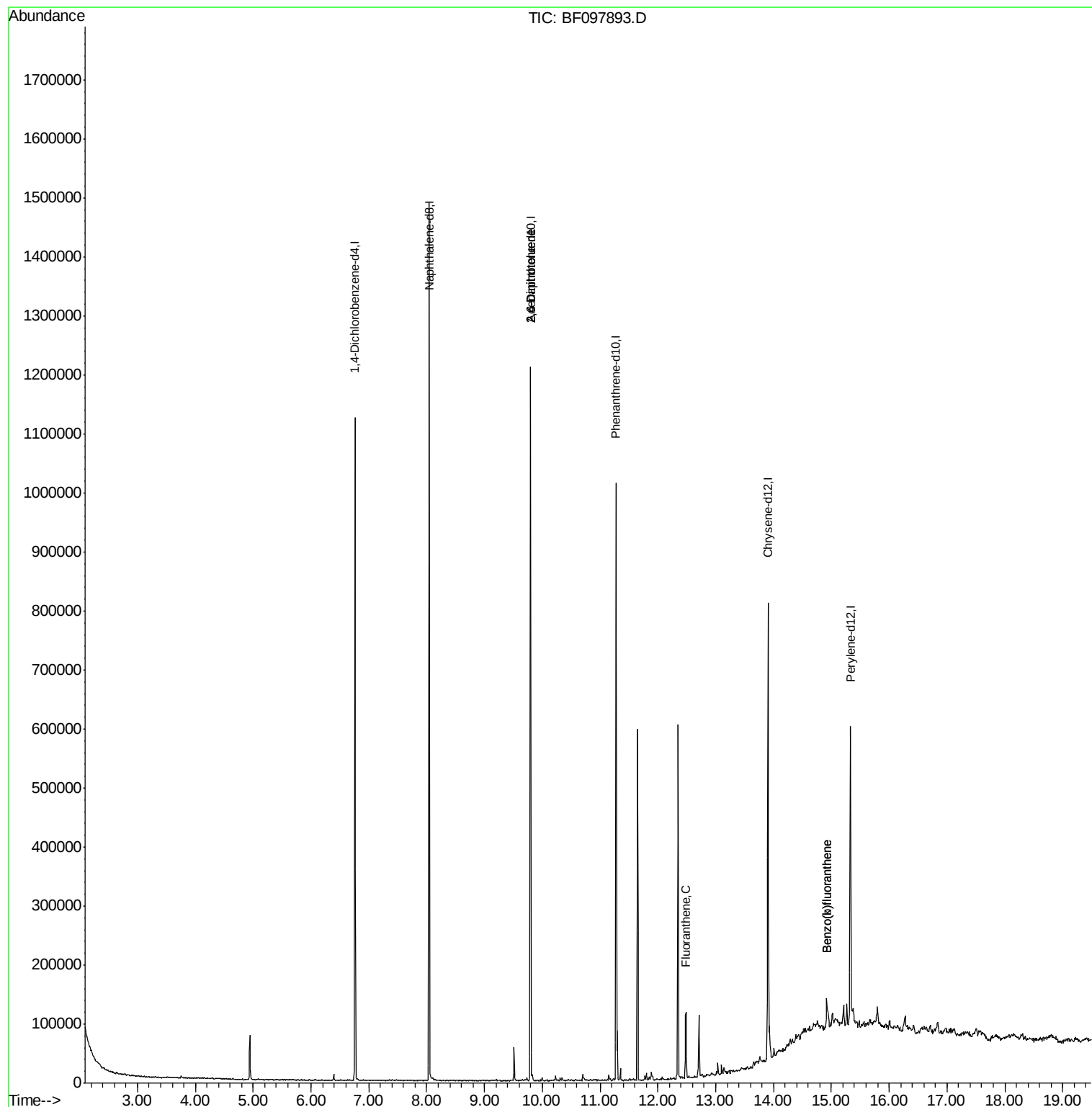
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	146782	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	569728	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	223903	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	329637	20.00	ng	-0.03
75) Chrysene-d12	13.91	240	264915	20.00	ng	-0.03
86) Perylene-d12	15.33	264	220198	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	12.86	244	254	0.02	ng	-0.04
Target Compounds						
50) 2,6-Dinitrotoluene	9.80	165	28532	8.73	ng	# 34
56) 2,4-Dinitrotoluene	9.80	165	28532	6.96	ng	# 34
74) Fluoranthene	12.49	202	45767	2.50	ng	96
87) Benzo(b)fluoranthene	14.92	252	31703	2.28	ng	# 90
88) Benzo(k)fluoranthene	14.92	252	31703	2.43	ng	94

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

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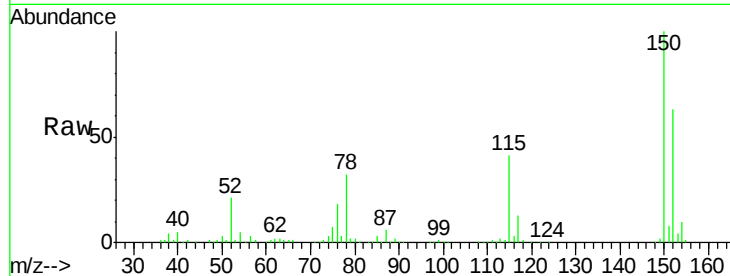




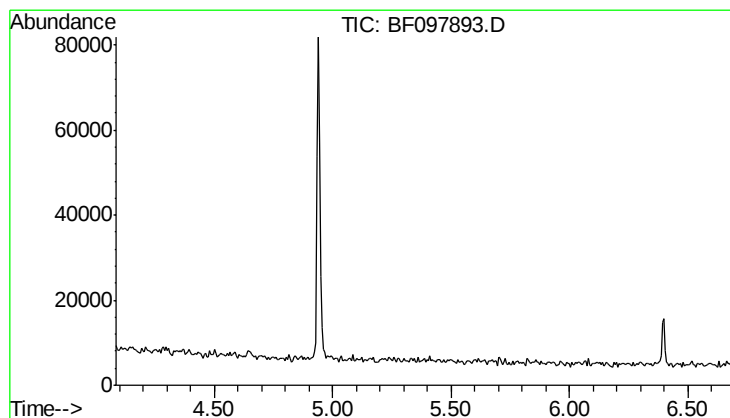
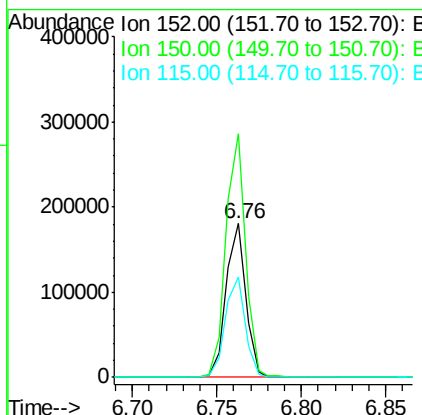
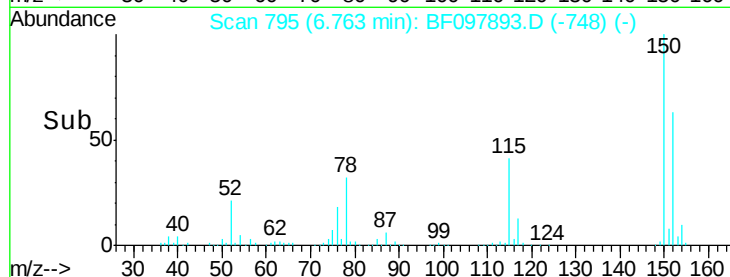
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.02 min
 Lab File: BF097893.D
 Acq: 19 Aug 2017 21:56

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-242

Tot Ion:152 Resp: 146782
 Ion Ratio Lower Upper
 152 100
 150 158.5 126.2 189.2
 115 65.1 52.2 78.2



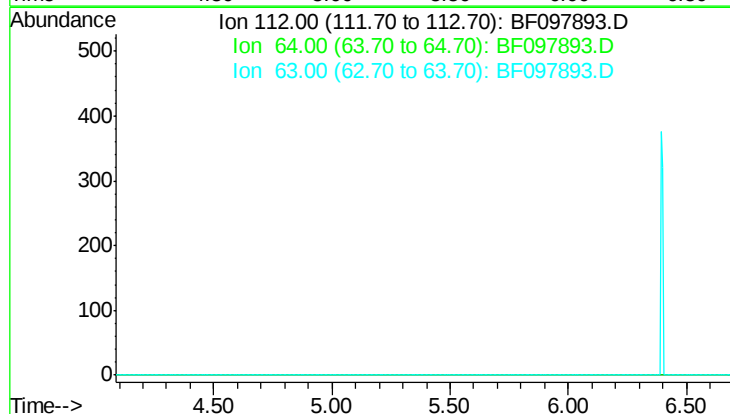
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

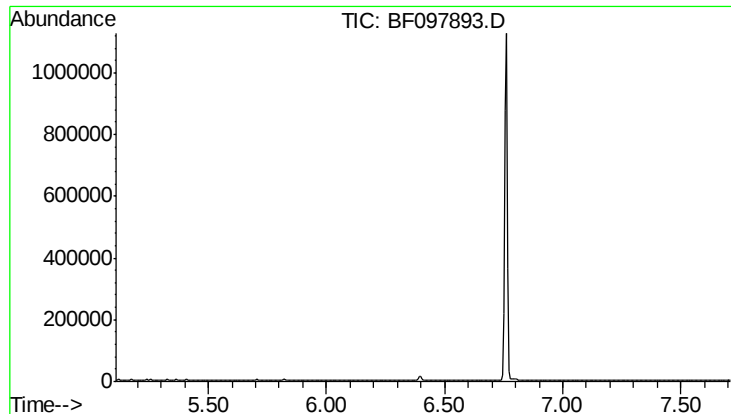


#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.39 min

Lab File: BF097893.D
 Acq: 19 Aug 2017 21:56

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 57.5
 63 29.2

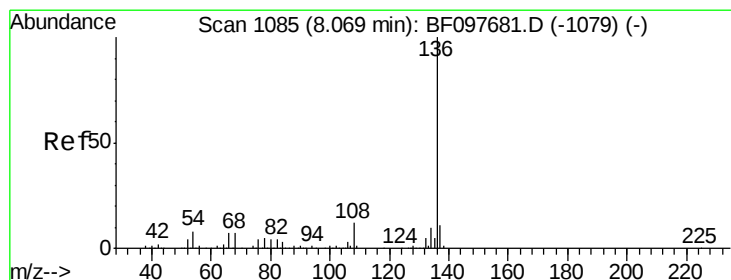
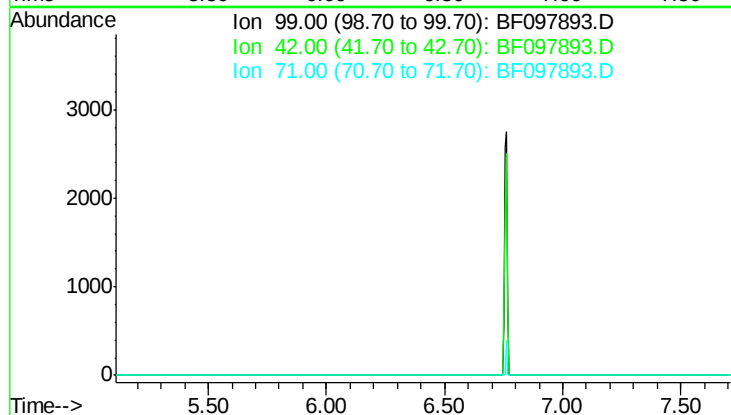




#7
 Phenol-d6
 Concen: 0.00 ng
 Expected RT: 6.41 min
 Lab File: BF097893.D
 Acq: 19 Aug 2017 21:56

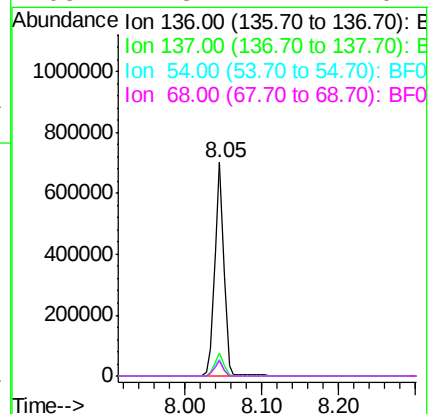
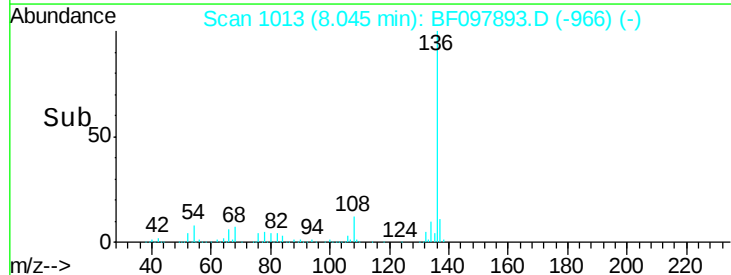
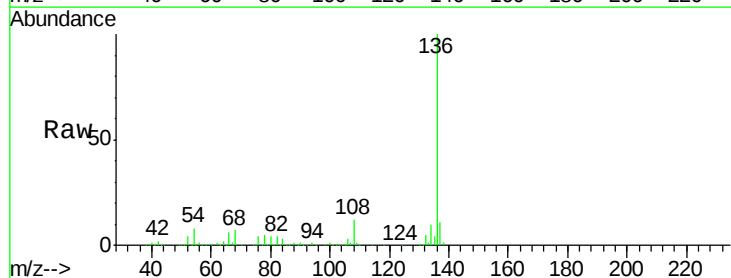
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-242

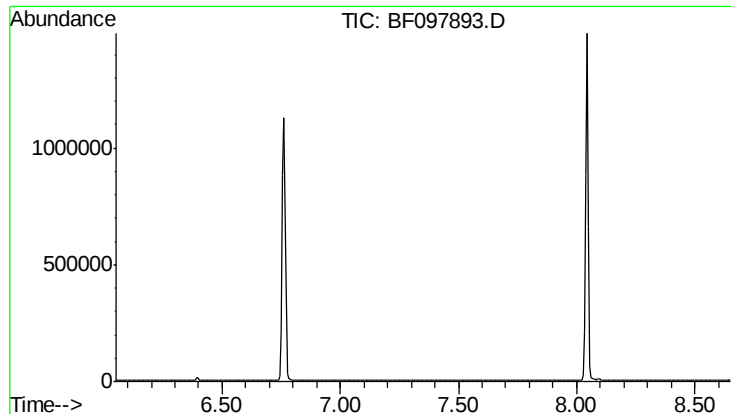
Tot Ion: 99
 Sig Exp Ratio
 99 100
 42 16.9
 71 30.6



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. -0.02 min
 Lab File: BF097893.D
 Acq: 19 Aug 2017 21:56

Tgt Ion: 136 Resp: 569728
 Ion Ratio Lower Upper
 136 100
 137 11.0 8.5 12.7
 54 7.8 4.9 7.3#
 68 7.3 4.1 6.1#

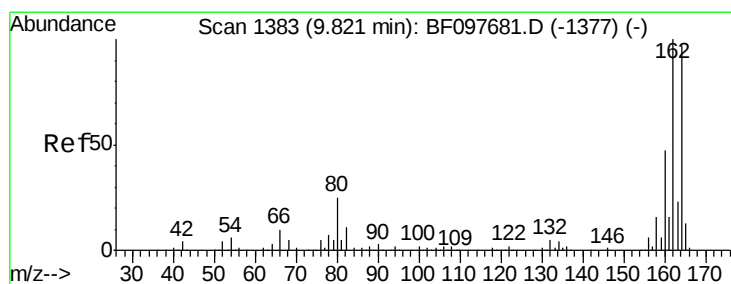
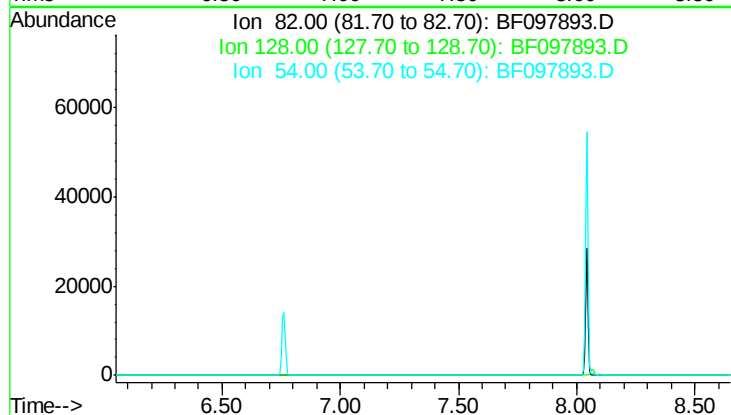




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.35 min
 Lab File: BF097893.D
 Acq: 19 Aug 2017 21:56

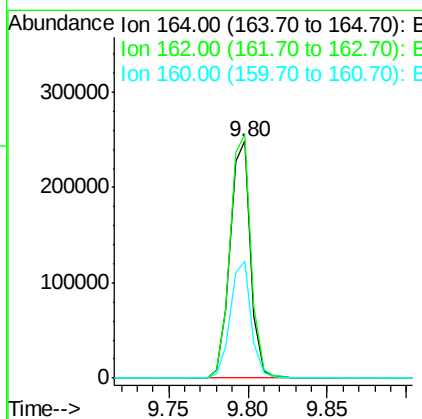
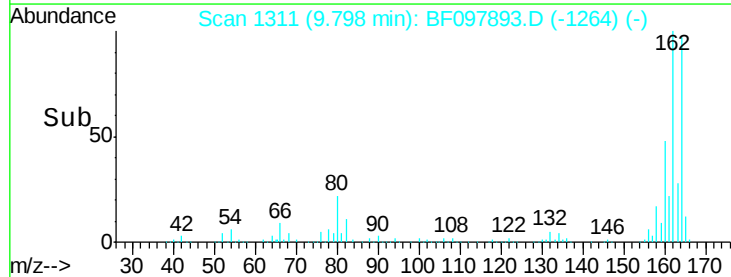
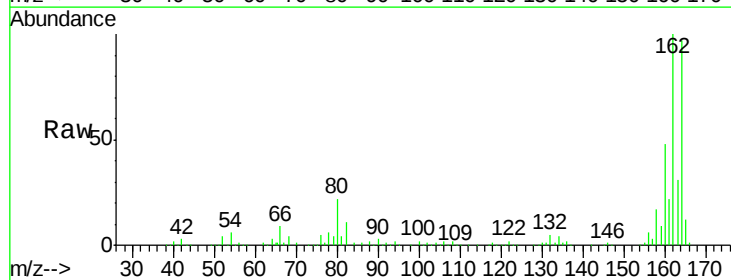
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-242

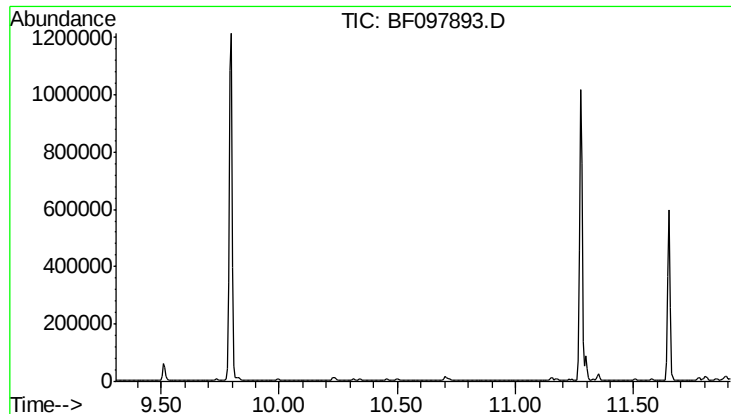
Tot Ion	82
Sig	Exp Ratio
82	100
128	42.5
54	52.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.02 min
 Lab File: BF097893.D
 Acq: 19 Aug 2017 21:56

Tgt Ion	164	Resp	223903
Ion Ratio	Lower	Upper	
164	100		
162	102.8	82.6	123.8
160	49.2	36.2	54.2





#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 10.61 min

Lab File: BF097893.D

Acq: 19 Aug 2017 21:56

Instrument :

BNA_F

ClientSampleId :

VNJ-242

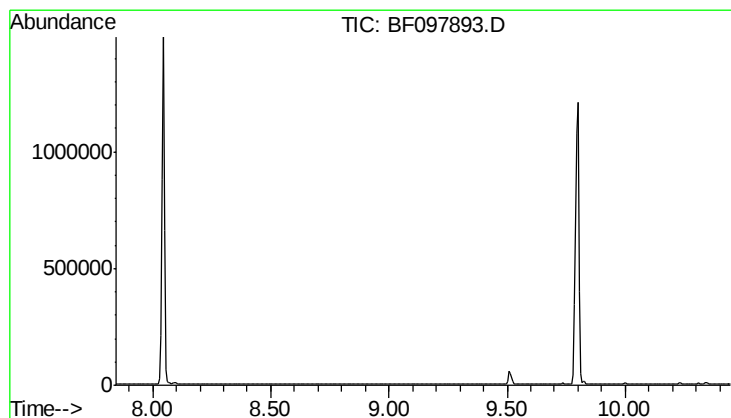
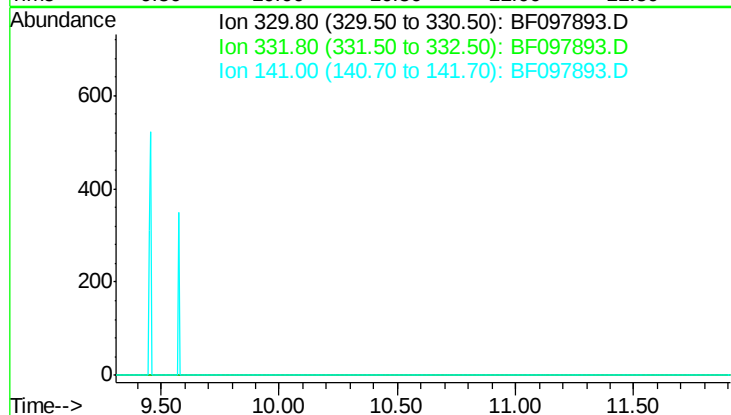
Tot Ion: 330

Sig Exp Ratio

330 100

332 95.8

141 39.3



#44

2-Fluorobiphenyl

Concen: 0.00 ng

Expected RT: 9.15 min

Lab File: BF097893.D

Acq: 19 Aug 2017 21:56

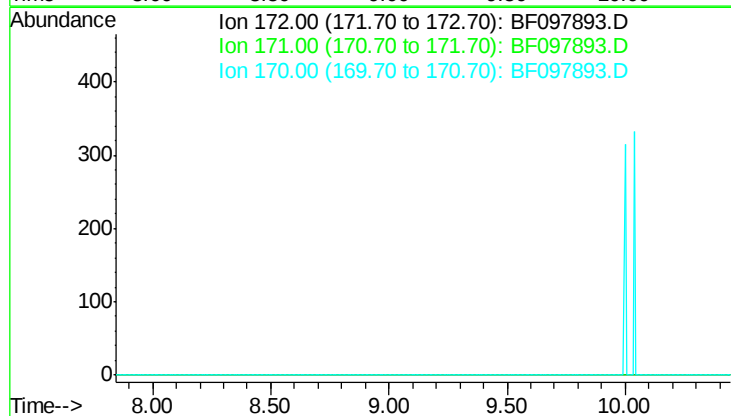
Tgt Ion: 172

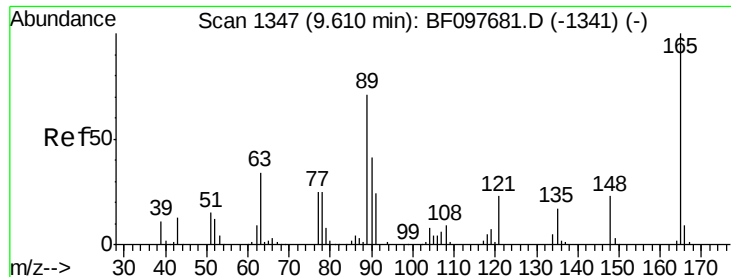
Sig Exp Ratio

172 100

171 37.0

170 24.8

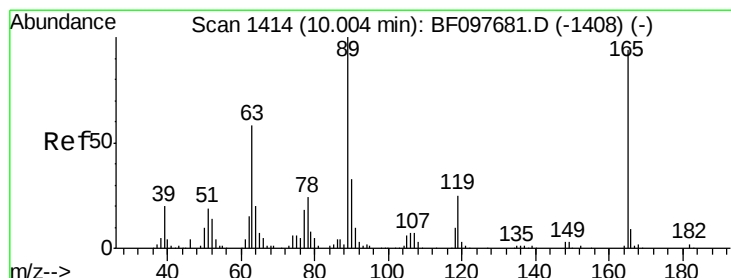
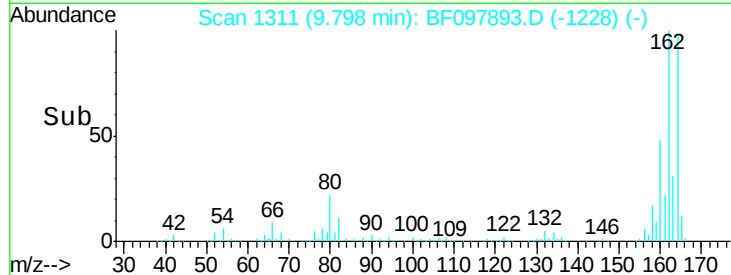
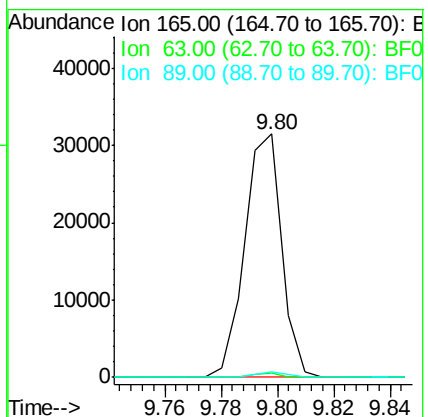
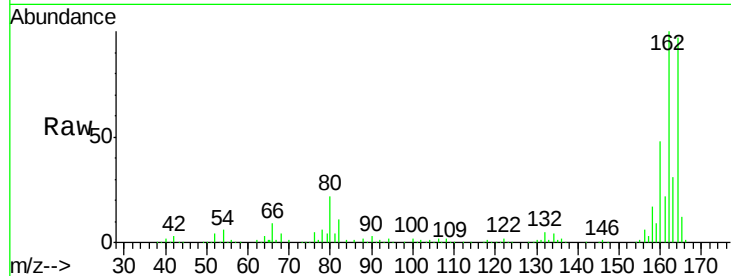




#50
 2,6-Dinitrotoluene
 Concen: 8.73 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.19 min
 Lab File: BF097893.D
 Acq: 19 Aug 2017 21:56

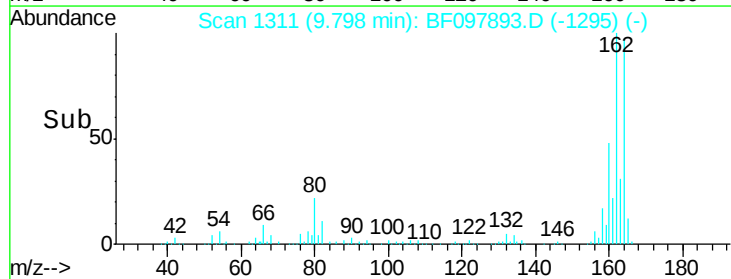
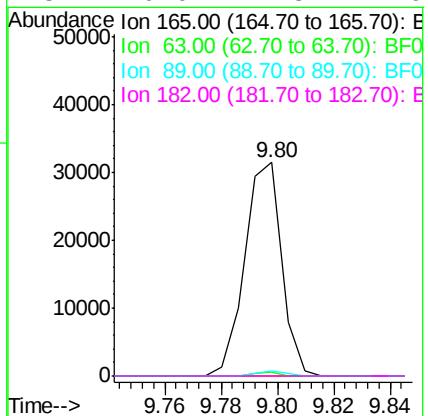
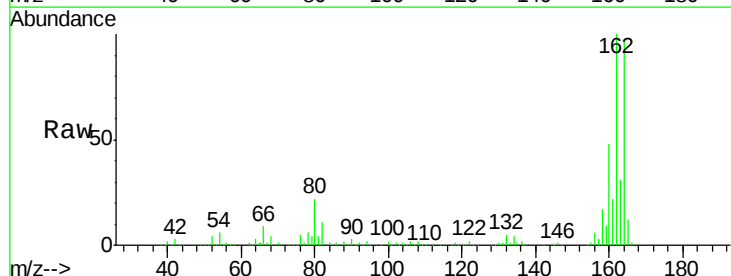
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-242

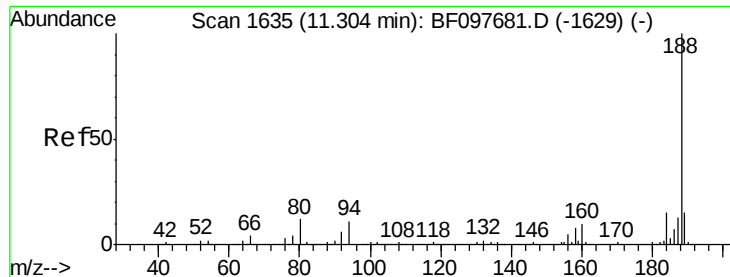
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	34.3	51.5#
89	2.2	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.96 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.21 min
 Lab File: BF097893.D
 Acq: 19 Aug 2017 21:56

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	2.2	46.4	69.6#
182	0.0	1.8	2.6#

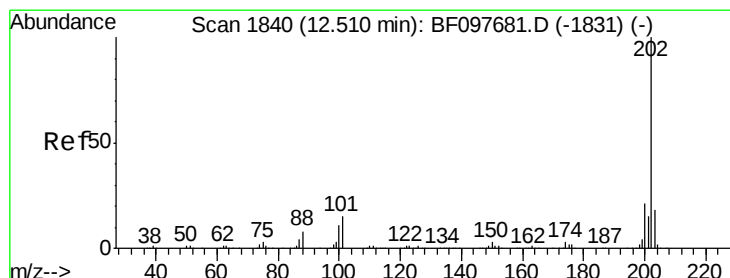
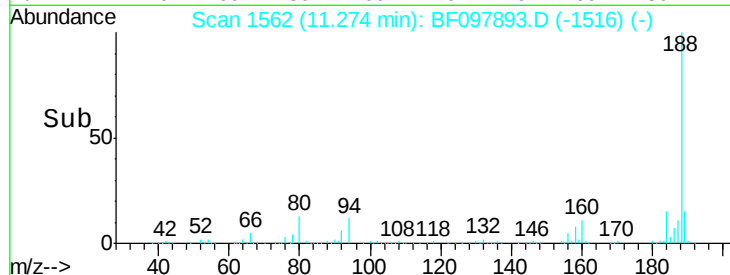
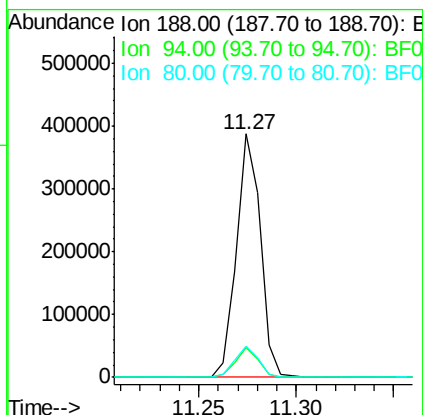
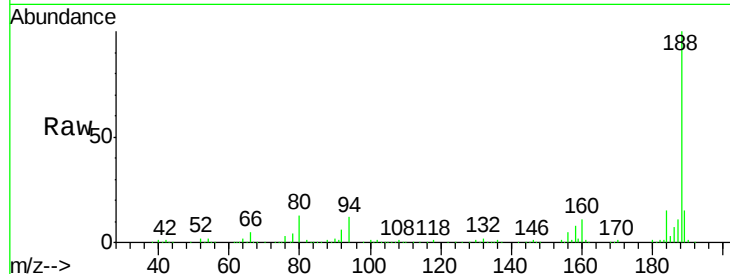




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.03 min
Lab File: BF097893.D
Acq: 19 Aug 2017 21:56

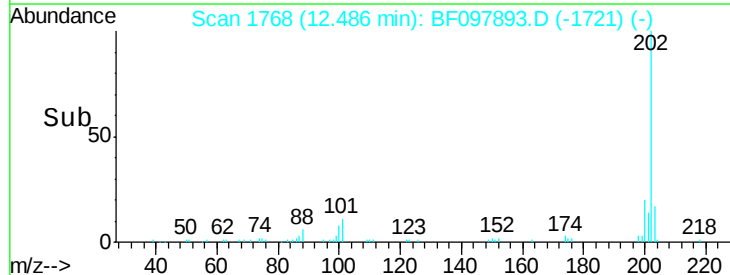
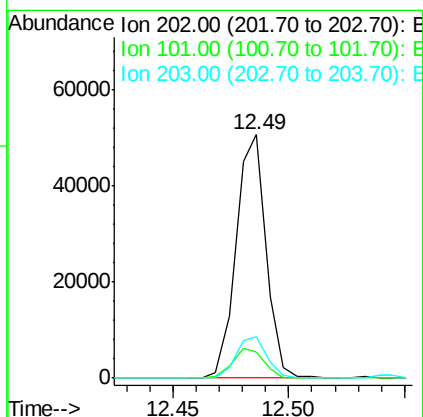
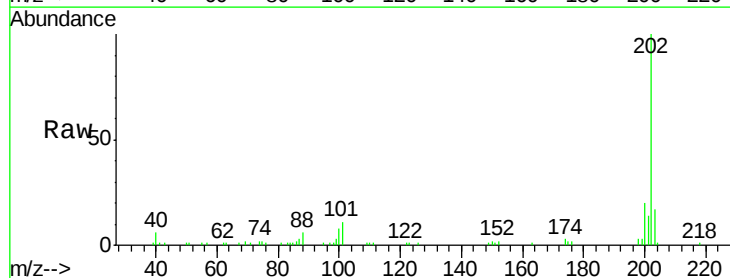
Instrument :
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ClientSampleId :
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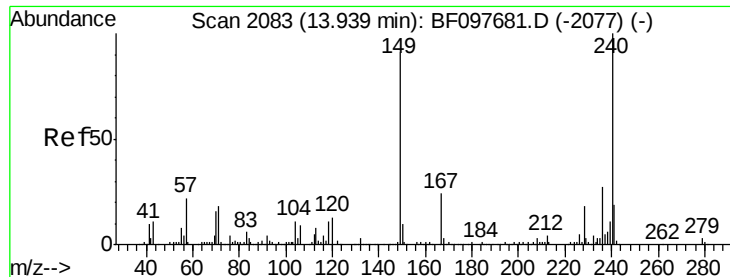
Tot Ion	Ratio	Lower	Upper
188	100		
94	12.2	9.4	14.2
80	12.8	10.2	15.2



#74
Fluoranthene
Concen: 2.50 ng
RT: 12.49 min Scan# 1768
Delta R.T. -0.02 min
Lab File: BF097893.D
Acq: 19 Aug 2017 21:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	33.2
203	17.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.03 min

Lab File: BF097893.D

Acq: 19 Aug 2017 21:56

Instrument :

BNA_F

ClientSampleId :

VNJ-242

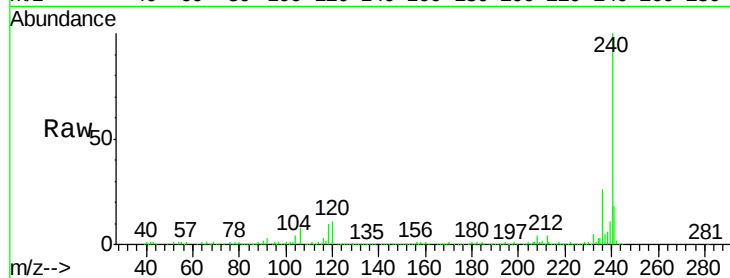
Tot Ion:240 Resp: 264915

Ion Ratio Lower Upper

240 100

120 11.2 5.8 8.8#

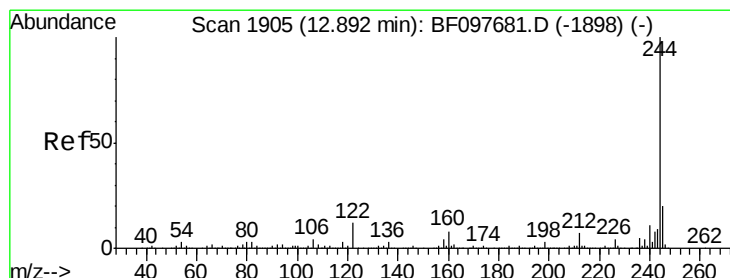
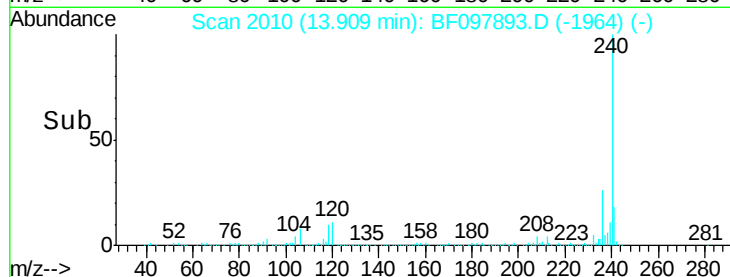
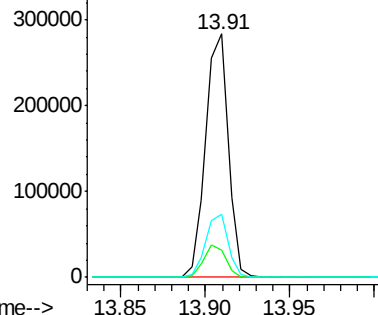
236 25.8 20.5 30.7



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: 0.02 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.04 min

Lab File: BF097893.D

Acq: 19 Aug 2017 21:56

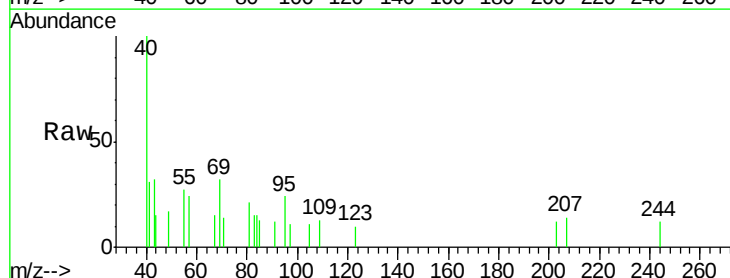
Tgt Ion:244 Resp: 254

Ion Ratio Lower Upper

244 100

212 0.0 6.0 9.0#

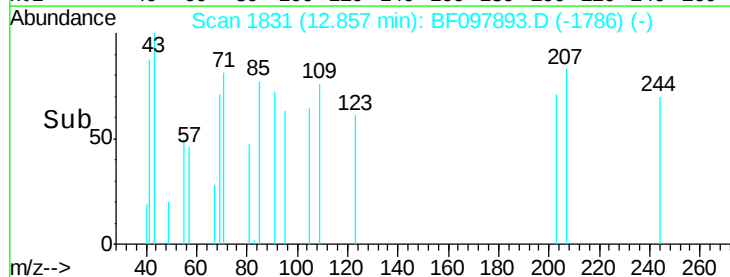
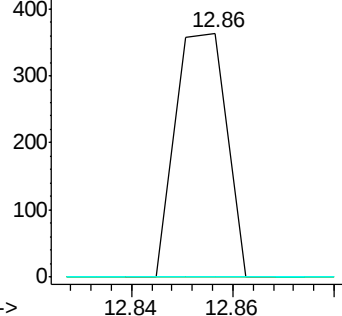
122 0.0 10.3 15.5#

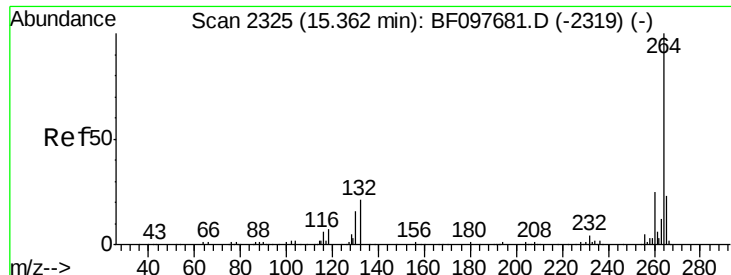


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

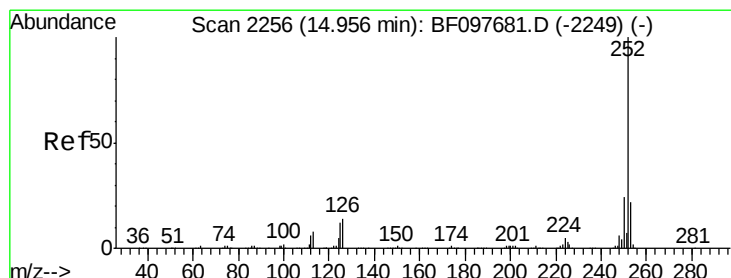
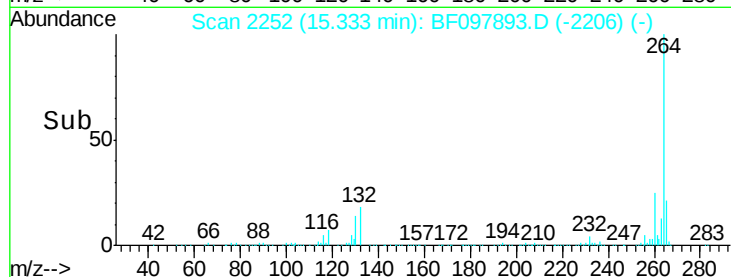
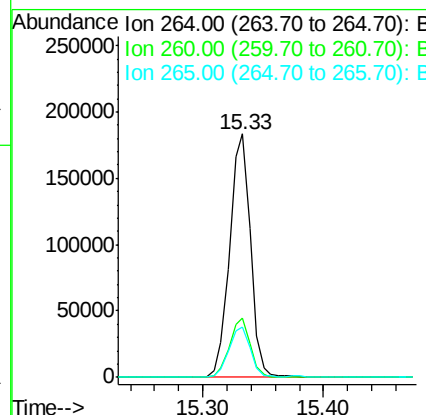
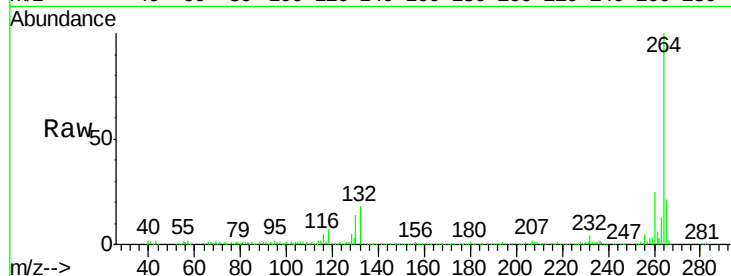




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.03 min
Lab File: BF097893.D
Acq: 19 Aug 2017 21:56

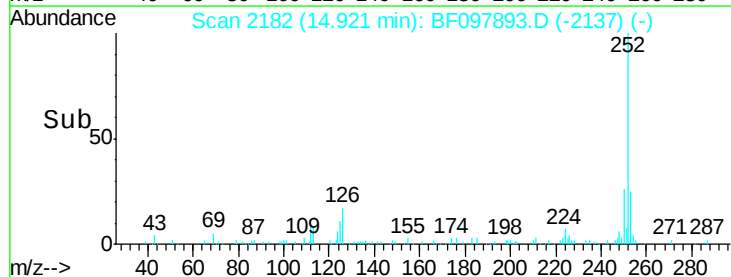
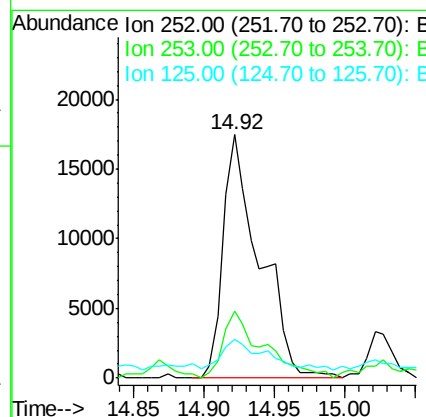
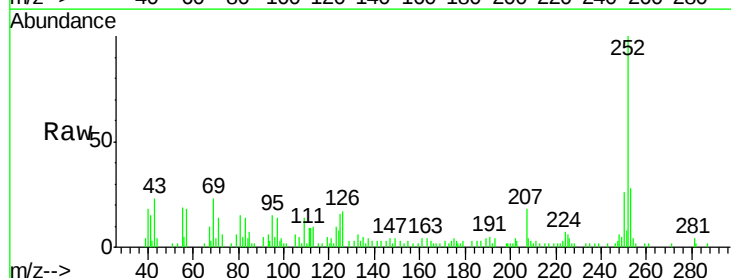
Instrument :
BNA_F
ClientSampleID :
VNJ-242

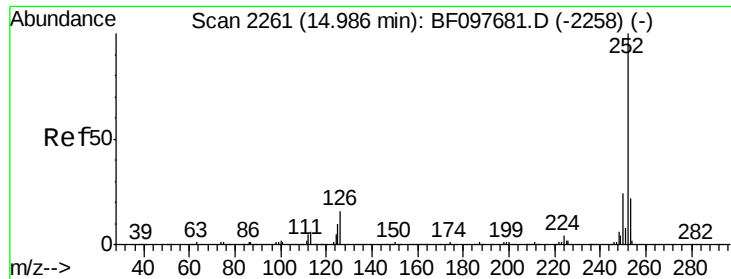
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	20.8	17.2	25.8



#87
Benzo(b)fluoranthene
Concen: 2.28 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.04 min
Lab File: BF097893.D
Acq: 19 Aug 2017 21:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.6	18.1	27.1#
125	16.0	9.8	14.8#





#88

Benzo(k)fluoranthene

Concen: 2.43 ng

RT: 14.92 min Scan# 2182

Delta R.T. -0.06 min

Lab File: BF097893.D

Acq: 19 Aug 2017 21:56

Instrument :

BNA_F

ClientSampleId :

VNJ-242

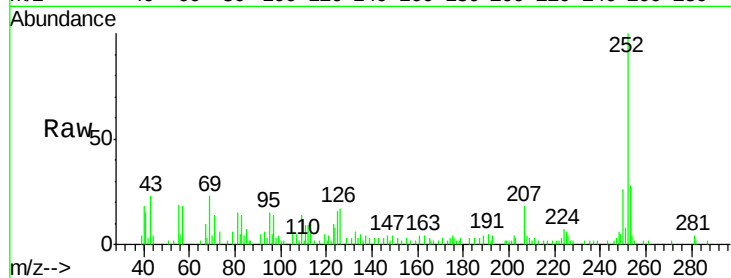
Tot Ion: 252 Resp: 31703

Ion Ratio Lower Upper

252 100

253 27.6 18.4 27.6

125 16.0 13.1 19.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

