

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF091918\
 Data File : BF109155.D
 Acq On : 19 Sep 2018 20:30
 Operator : JU/SJ
 Sample : J4975-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-220

Quant Time: Sep 20 04:51:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

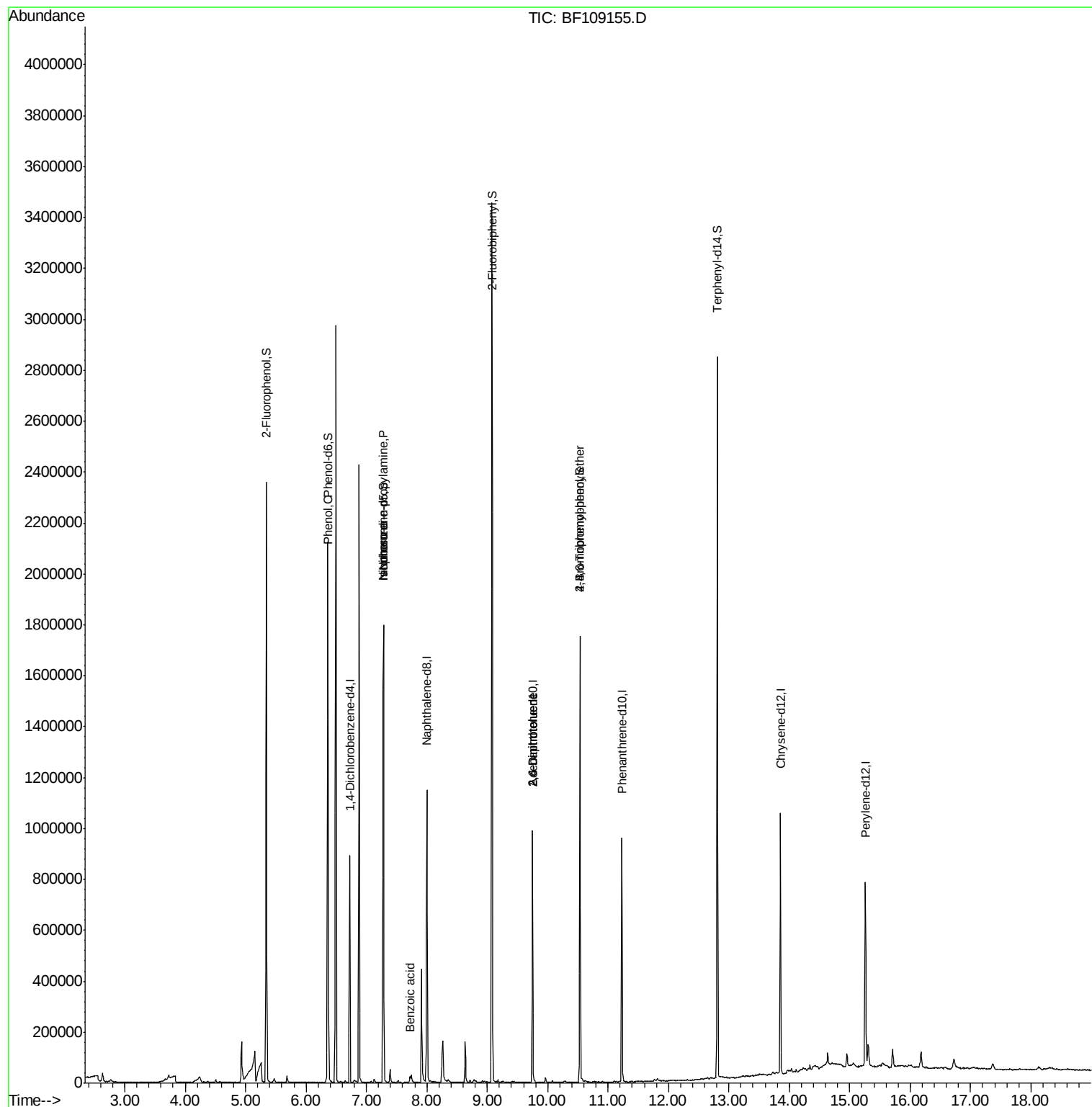
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	127891	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	470722	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	201078	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	343533	20.00	ng	0.00
75) Chrysene-d12	13.85	240	329000	20.00	ng	0.00
86) Perylene-d12	15.26	264	305363	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	700987	91.04	ng	0.02
7) Phenol-d6	6.36	99	797606	80.33	ng	0.00
23) Nitrobenzene-d5	7.28	82	602416	71.78	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	206827	94.78	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1057967	82.43	ng	0.00
78) Terphenyl-d14	12.81	244	946021	68.16	ng	0.00
Target Compounds						
10) Phenol	6.37	94	137726	12.328	ng	97
19) n-Nitroso-di-n-propylamine	7.28	70	81301	12.388	ng	# 74
25) Isophorone	7.28	82	600341	41.614	ng	# 64
32) Benzoic acid	7.72	122	9206	2.223	ng	98
50) 2,6-Dinitrotoluene	9.75	165	25942	8.139	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	25942	6.224	ng	# 24
66) 4-Bromophenyl-phenylether	10.54	248	12428	3.209	ng	# 1

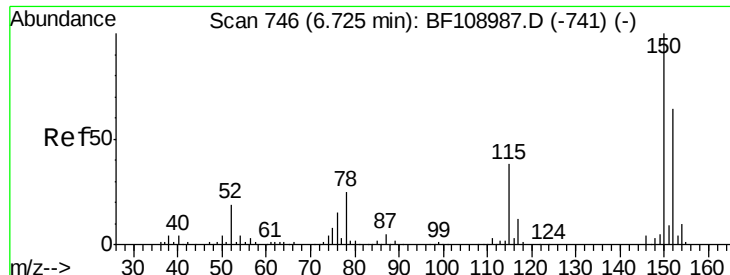
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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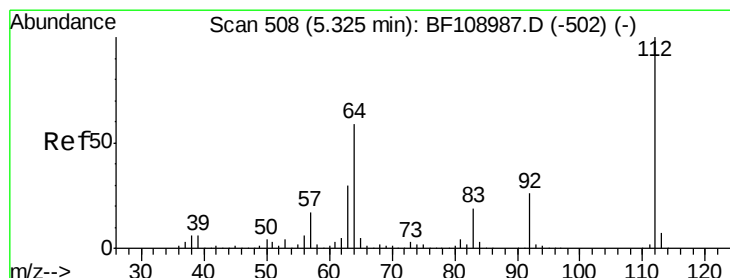
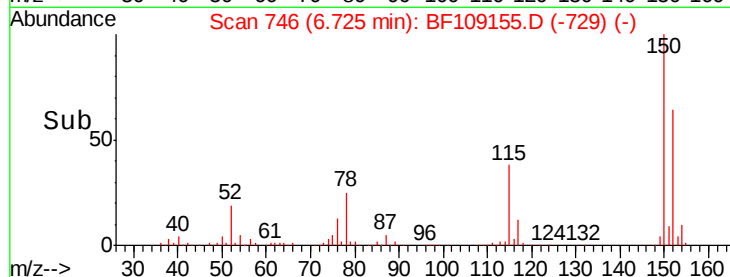
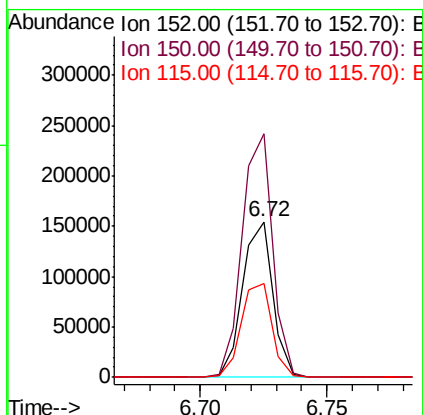
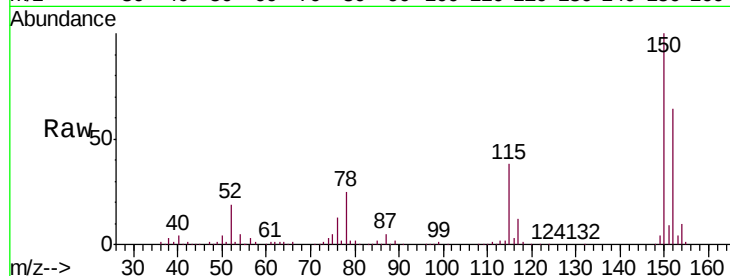




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF109155.D
 Acq: 19 Sep 2018 20:30

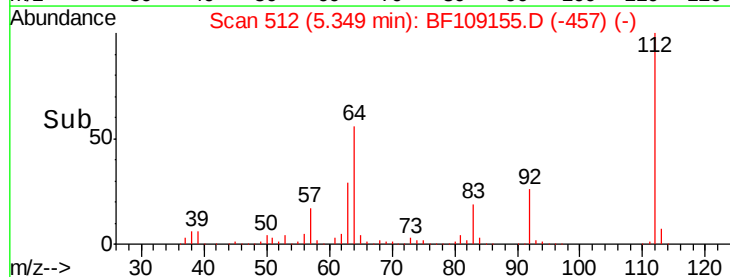
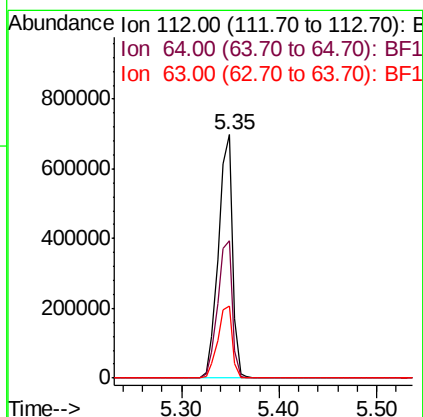
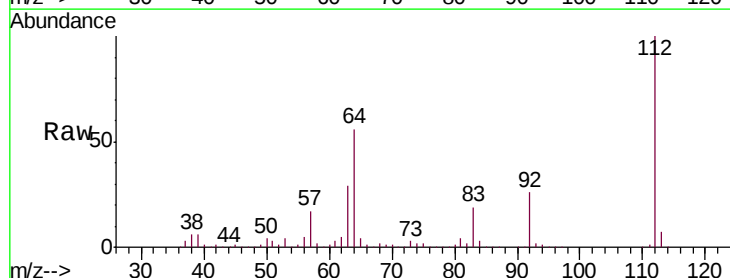
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-220

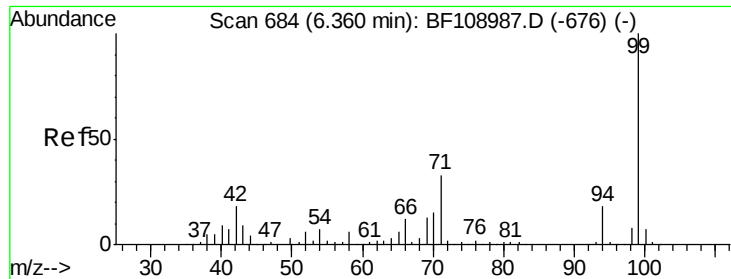
Tgt Ion:152 Resp: 127891
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.6 186.8
 115 59.9 50.1 75.1



#5
 2-Fluorophenol
 Concen: 91.035 ng
 RT: 5.35 min Scan# 512
 Delta R.T. 0.02 min
 Lab File: BF109155.D
 Acq: 19 Sep 2018 20:30

Tgt Ion:112 Resp: 700987
 Ion Ratio Lower Upper
 112 100
 64 56.4 47.9 71.9
 63 29.4 23.7 35.5





#7

Phenol-d6

Concen: 80.331 ng

RT: 6.36 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF109155.D

Acq: 19 Sep 2018 20:30

Instrument :

BNA_F

ClientSampled :

VNJ-220

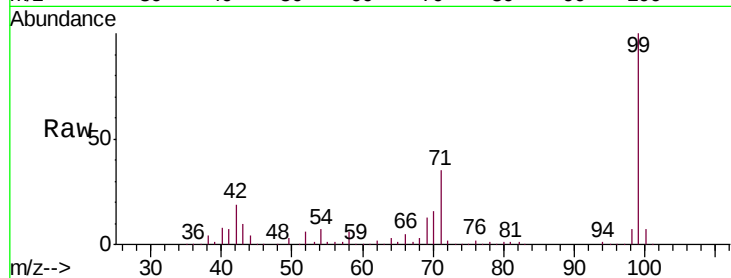
Tgt Ion: 99 Resp: 797606

Ion Ratio Lower Upper

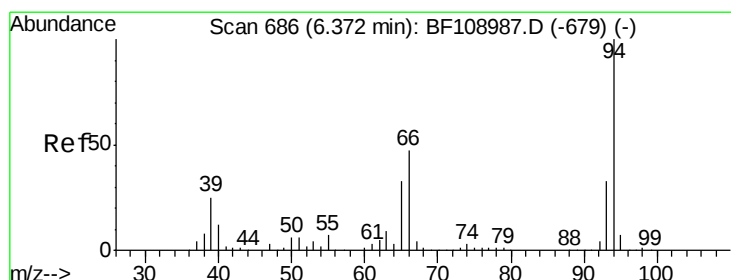
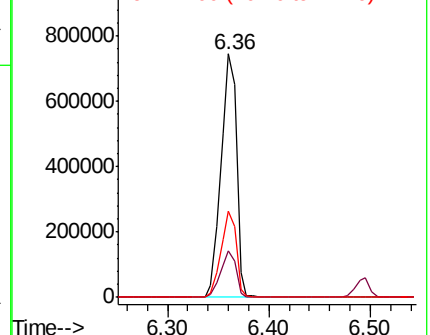
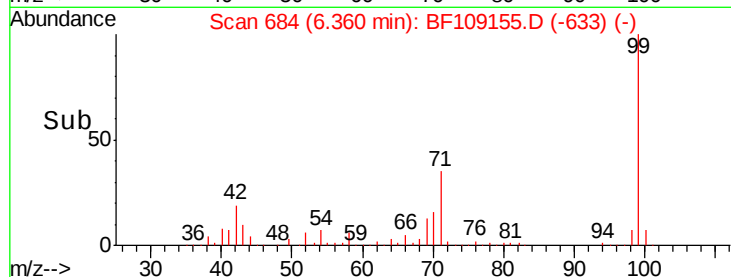
99 100

42 19.2 14.5 21.7

71 35.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
1000000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 12.328 ng

RT: 6.37 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF109155.D

Acq: 19 Sep 2018 20:30

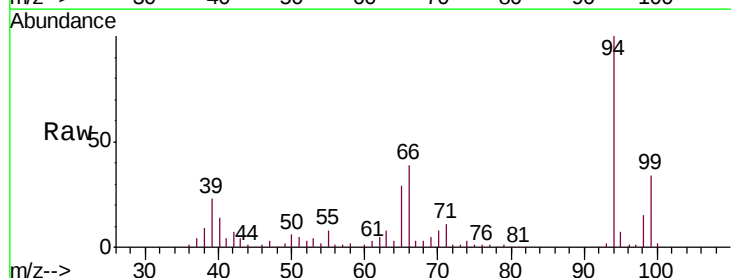
Tgt Ion: 94 Resp: 137726

Ion Ratio Lower Upper

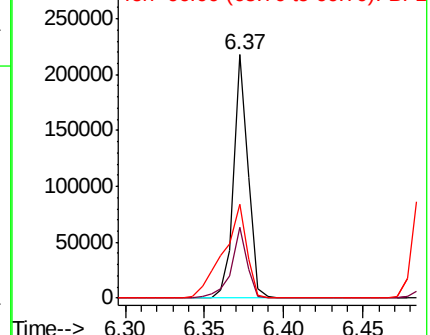
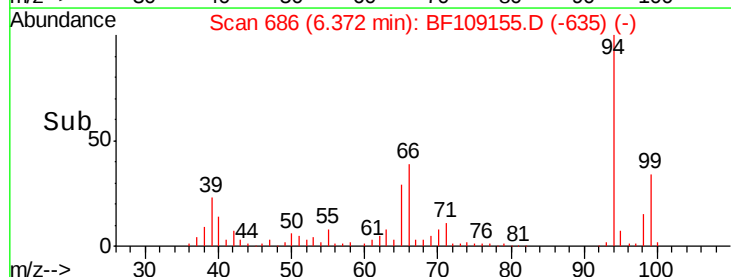
94 100

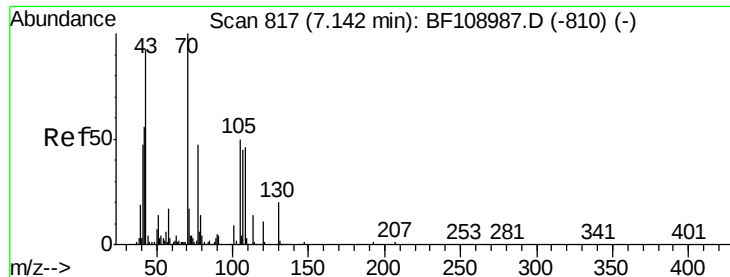
65 28.9 7.9 47.9

66 38.6 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
300000
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

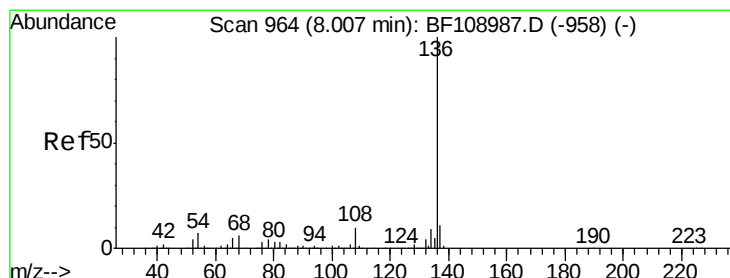
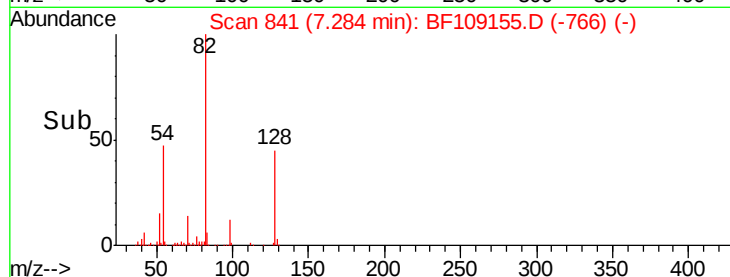
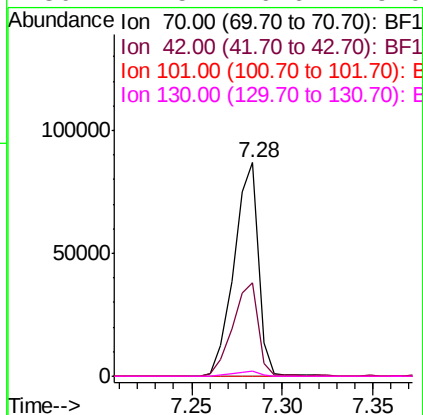
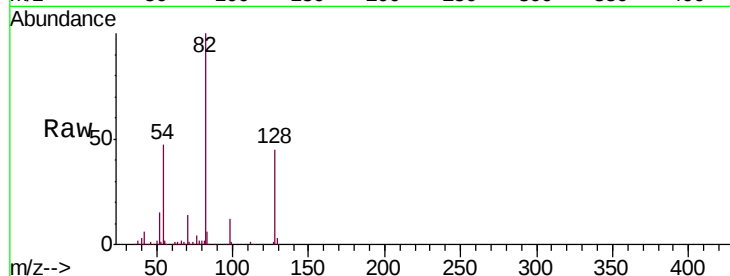




#19
n-Nitroso-di-n-propylamine
Concen: 12.388 ng
RT: 7.28 min Scan# 841
Delta R.T. 0.14 min
Lab File: BF109155.D
Acq: 19 Sep 2018 20:30

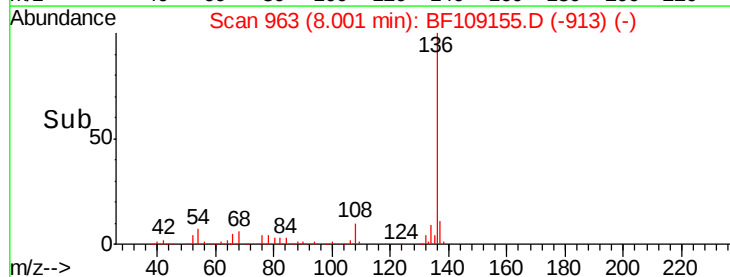
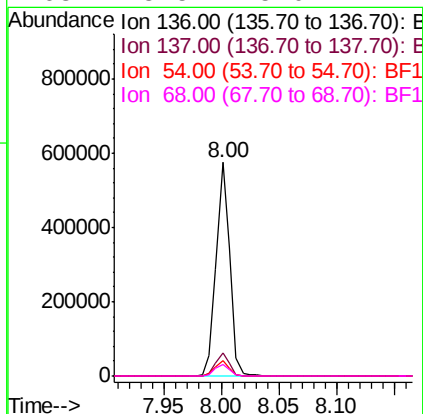
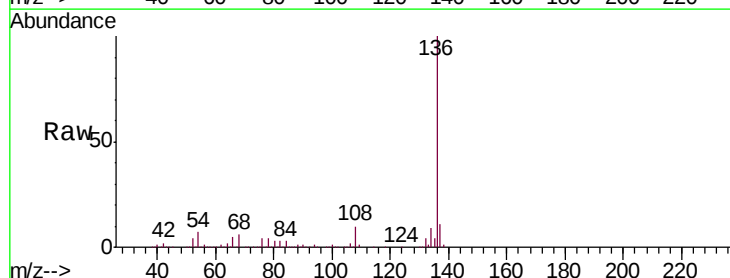
Instrument :
BNA_F
ClientSampled :
VNJ-220

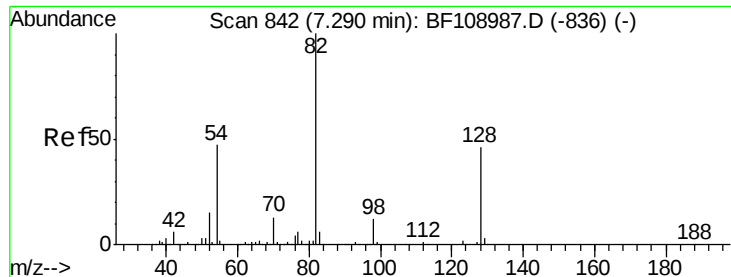
Tgt Ion:	70	Resp:	81301
Ion	Ratio	Lower	Upper
70	100		
42	43.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109155.D
Acq: 19 Sep 2018 20:30

Tgt Ion:	136	Resp:	470722
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.3	6.6	9.8
68	5.5	5.0	7.4

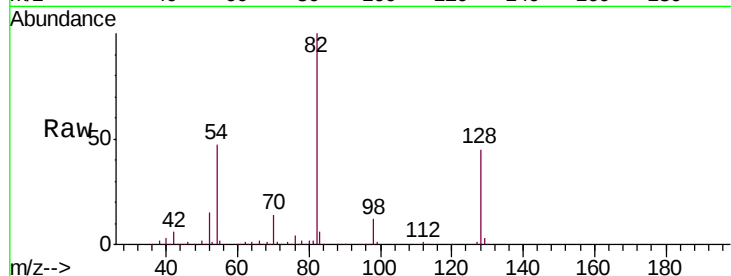




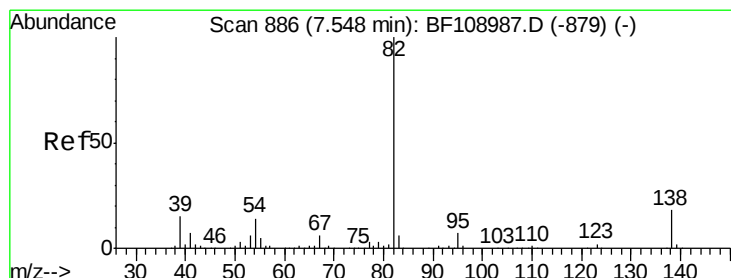
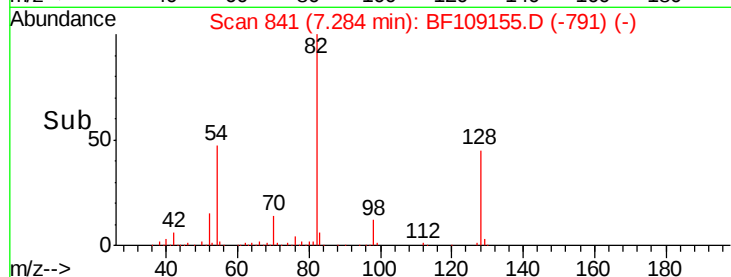
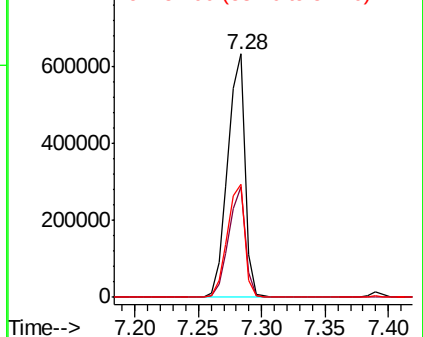
#23
 Nitrobenzene-d5
 Concen: 71.780 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF109155.D
 Acq: 19 Sep 2018 20:30

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-220

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	46.7	41.4	62.2

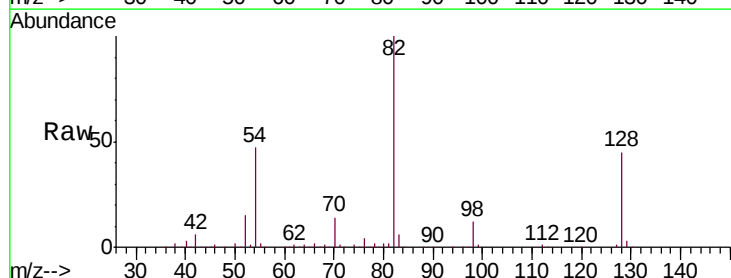


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

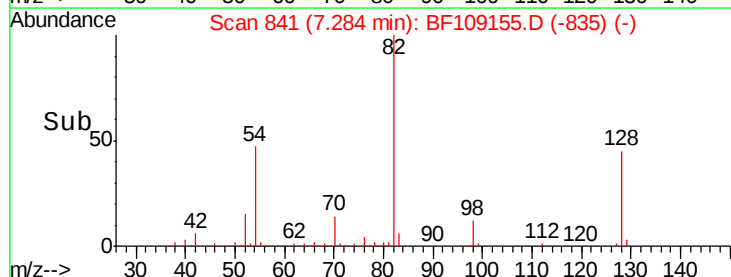
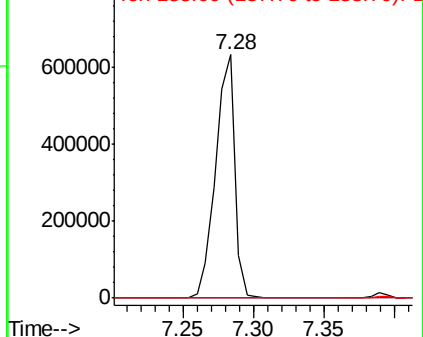


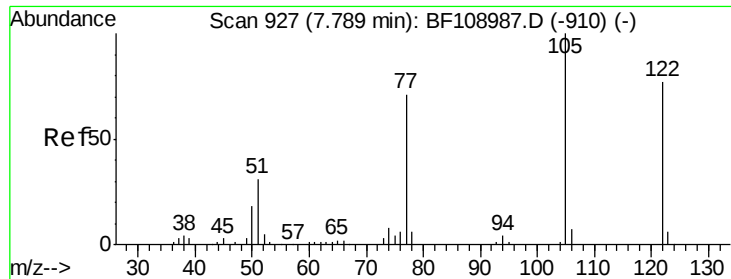
#25
 Isophorone
 Concen: 41.614 ng
 RT: 7.28 min Scan# 841
 Delta R.T. -0.26 min
 Lab File: BF109155.D
 Acq: 19 Sep 2018 20:30

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

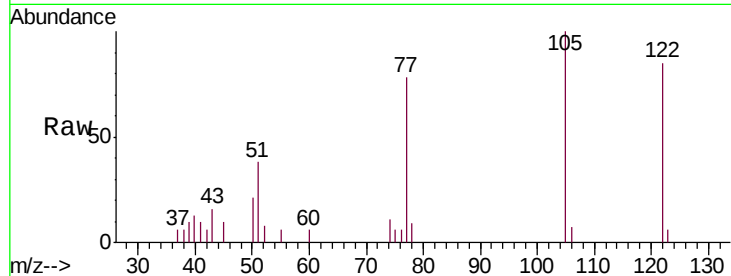




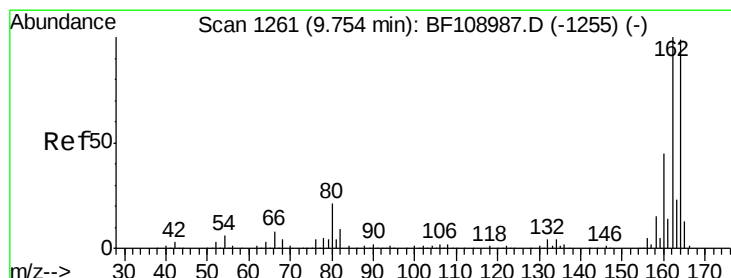
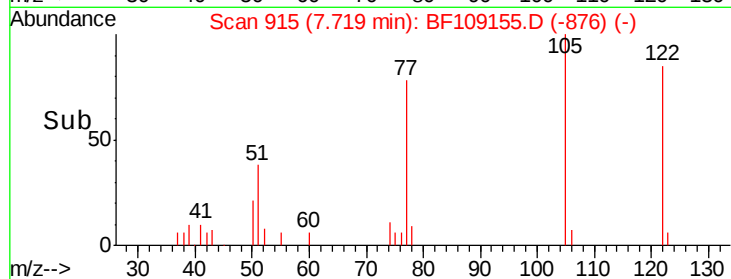
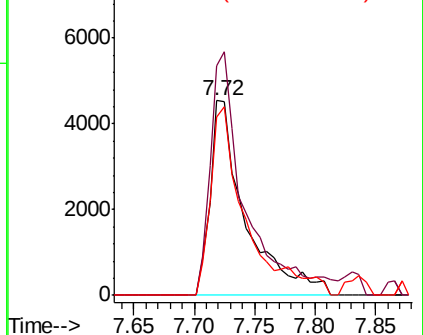
#32
Benzoic acid
Concen: 2.223 ng
RT: 7.72 min Scan# 915
Delta R.T. -0.07 min
Lab File: BF109155.D
Acq: 19 Sep 2018 20:30

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ClientSampleId :
VNJ-220

Tgt Ion:122 Resp: 9206
Ion Ratio Lower Upper
122 100
105 117.7 101.1 141.1
77 91.8 70.7 110.7

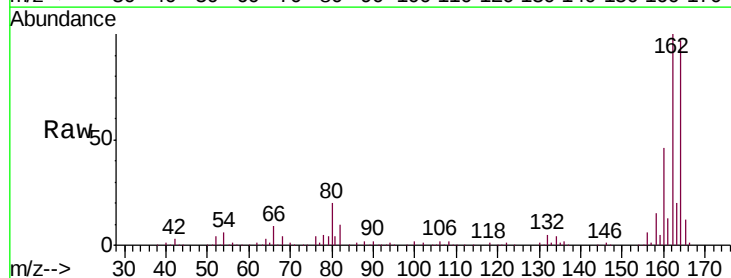


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

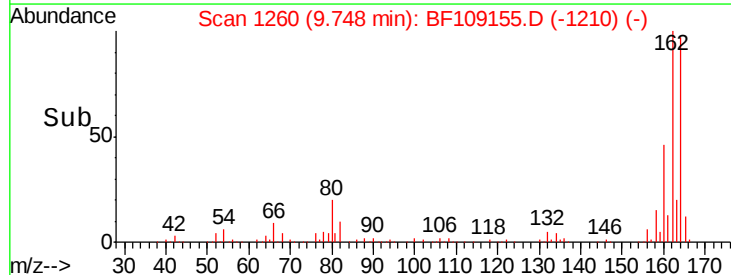
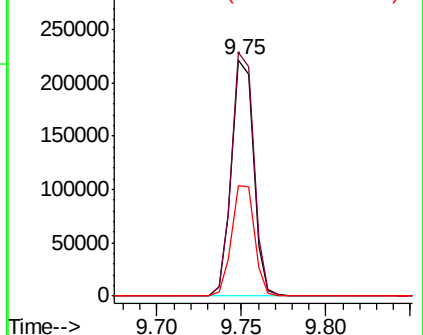


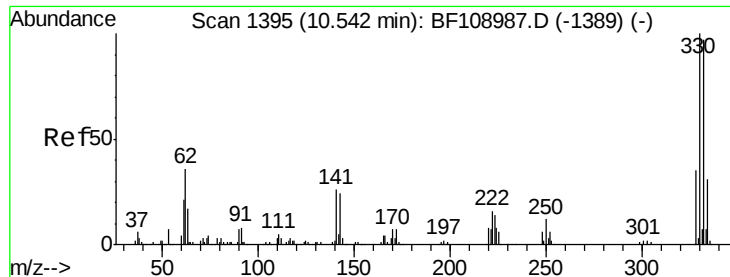
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109155.D
Acq: 19 Sep 2018 20:30

Tgt Ion:164 Resp: 201078
Ion Ratio Lower Upper
164 100
162 103.2 86.1 129.1
160 47.0 38.3 57.5



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

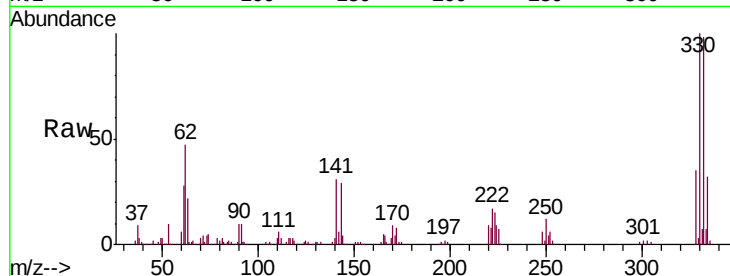




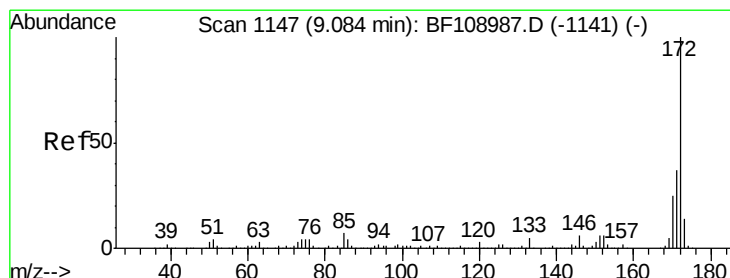
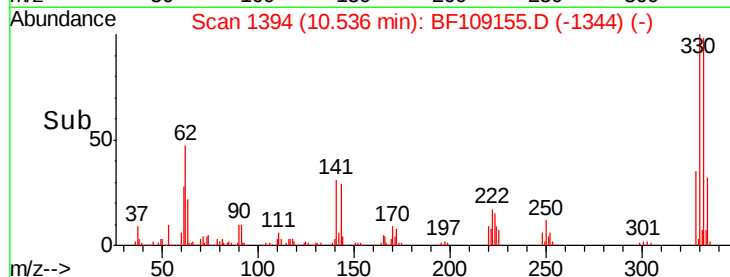
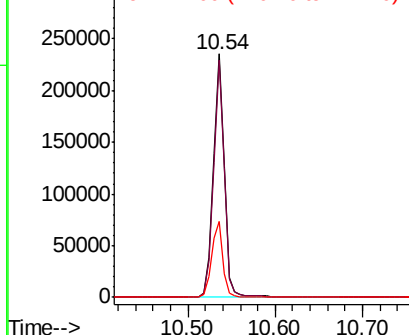
#41
 2,4,6-Tribromophenol
 Concen: 94.778 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109155.D
 Acq: 19 Sep 2018 20:30

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-220

Tgt Ion:330 Resp: 206827
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 31.7 29.9 44.9

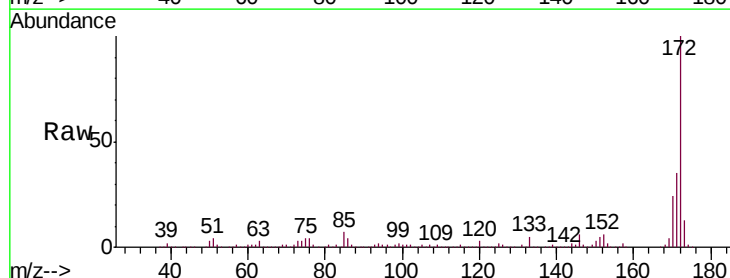


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

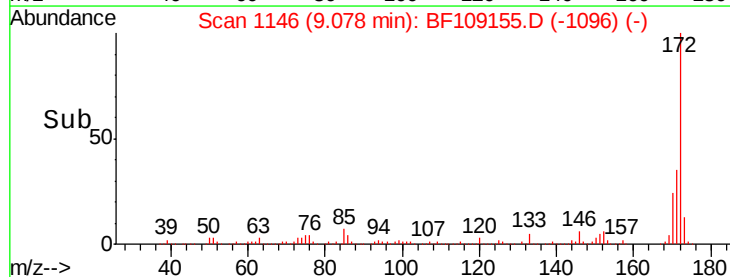
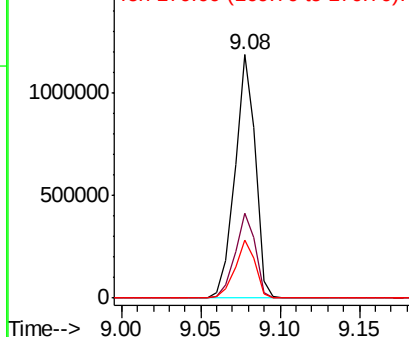


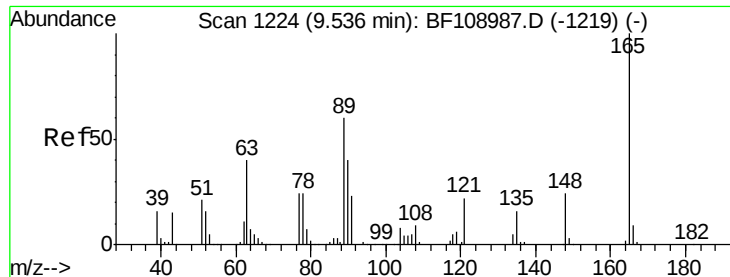
#44
 2-Fluorobiphenyl
 Concen: 82.433 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109155.D
 Acq: 19 Sep 2018 20:30

Tgt Ion:172 Resp: 1057967
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.7 44.5
 170 23.9 19.6 29.4



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

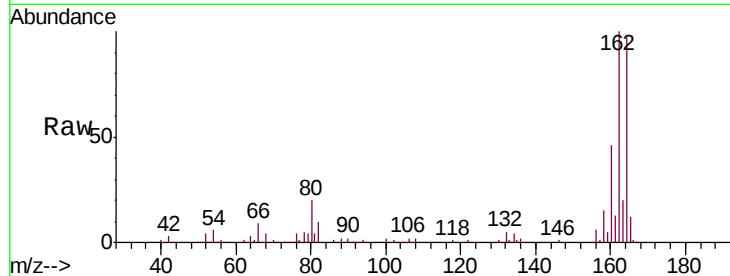




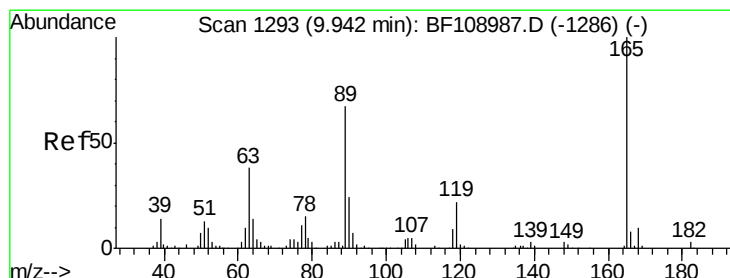
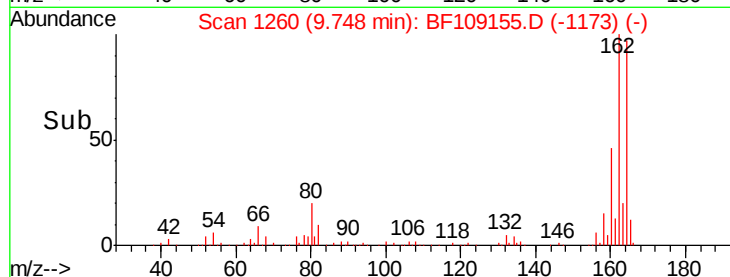
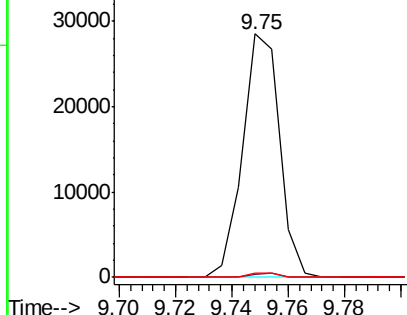
#50
 2,6-Dinitrotoluene
 Concen: 8.139 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. 0.21 min
 Lab File: BF109155.D
 Acq: 19 Sep 2018 20:30

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-220

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	2.0	44.0	66.0#

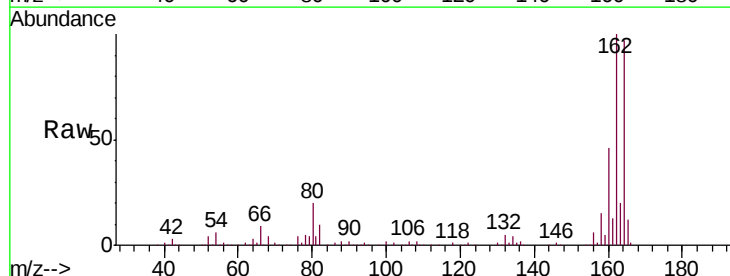


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

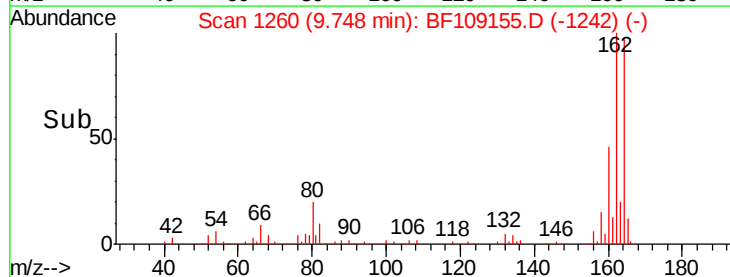
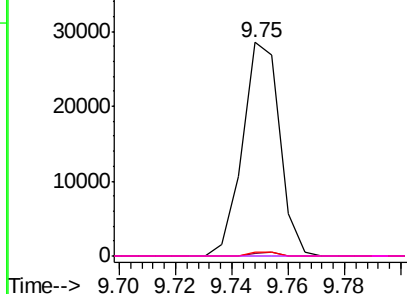


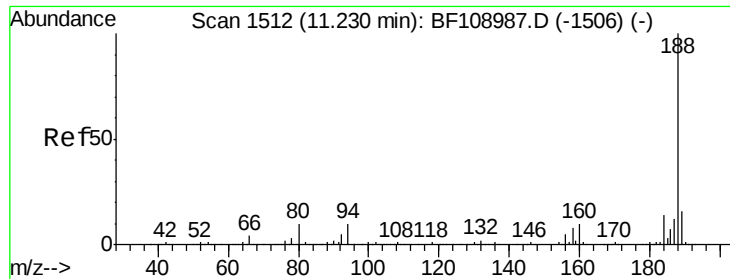
#56
 2,4-Dinitrotoluene
 Concen: 6.224 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109155.D
 Acq: 19 Sep 2018 20:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

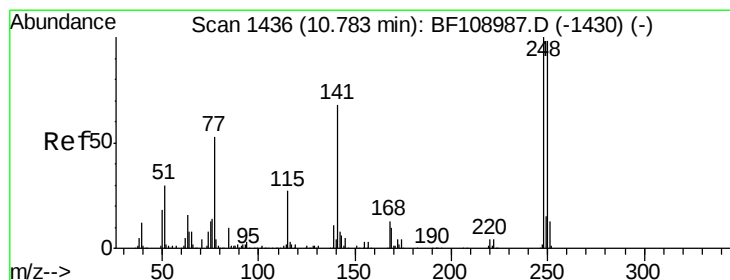
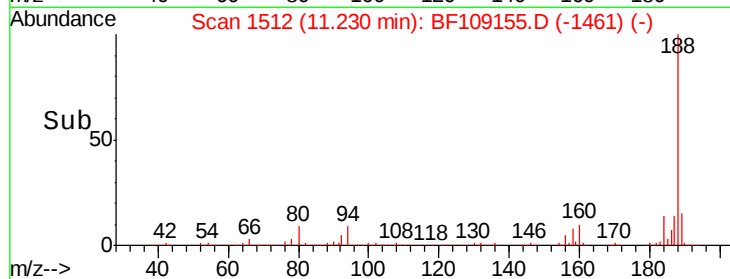
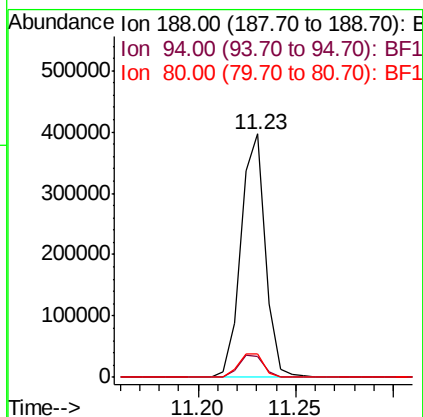
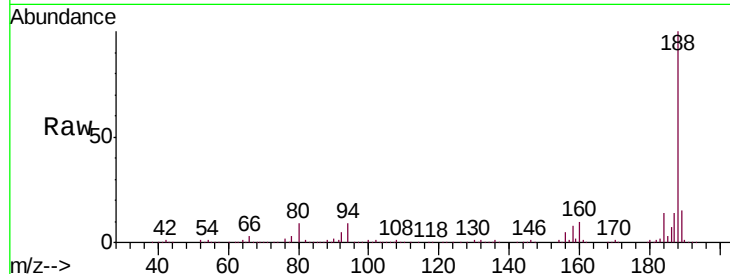




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BF109155.D
Acq: 19 Sep 2018 20:30

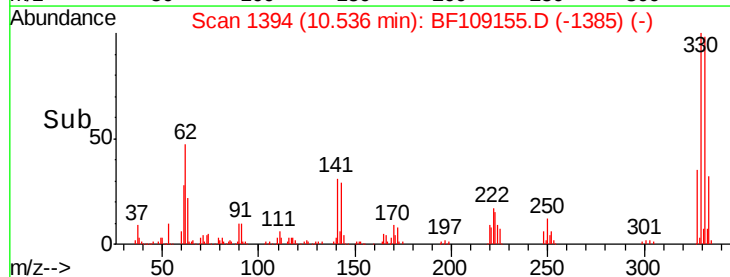
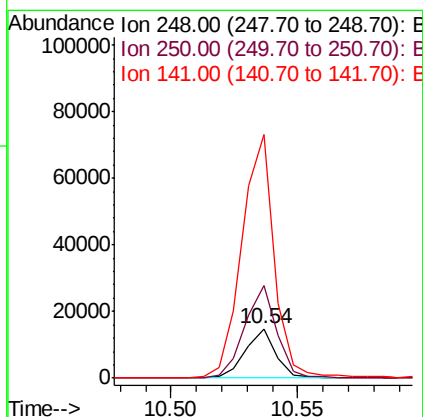
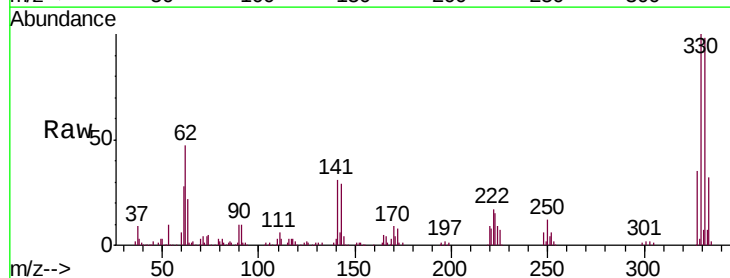
Instrument :
BNA_F
ClientSampleId :
VNJ-220

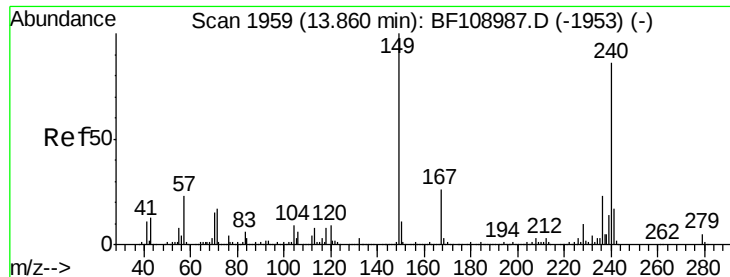
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.4	9.2	13.8



#66
4-Bromophenyl-phenylether
Concen: 3.209 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.25 min
Lab File: BF109155.D
Acq: 19 Sep 2018 20:30

Tgt Ion	Ratio	Lower	Upper
248	100		
250	187.5	76.9	115.3#
141	492.0	74.4	111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BF109155.D

Acq: 19 Sep 2018 20:30

Instrument :

BNA_F

ClientSampleId :

VNJ-220

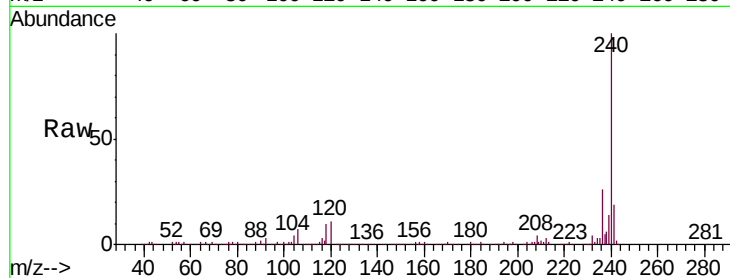
Tgt Ion:240 Resp: 329000

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

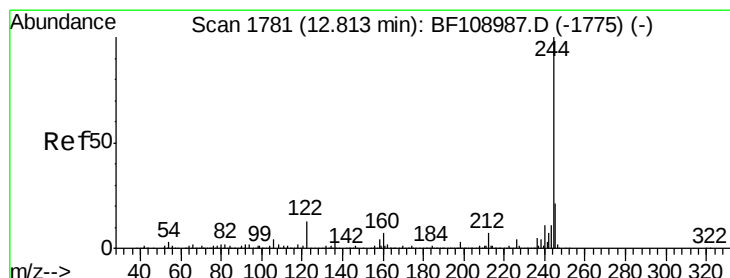
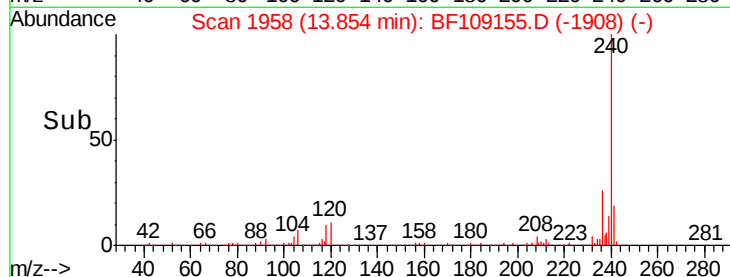
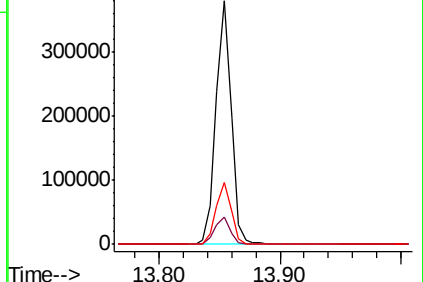
236 25.5 20.7 31.1



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: 68.156 ng

RT: 12.81 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF109155.D

Acq: 19 Sep 2018 20:30

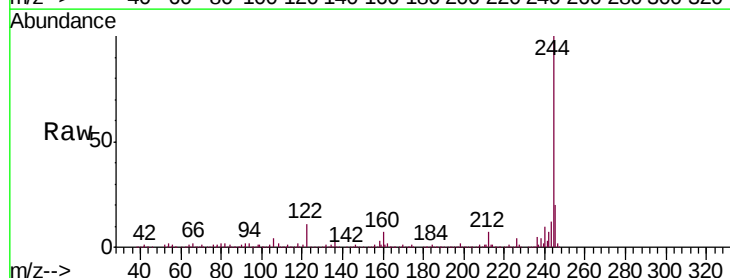
Tgt Ion:244 Resp: 946021

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

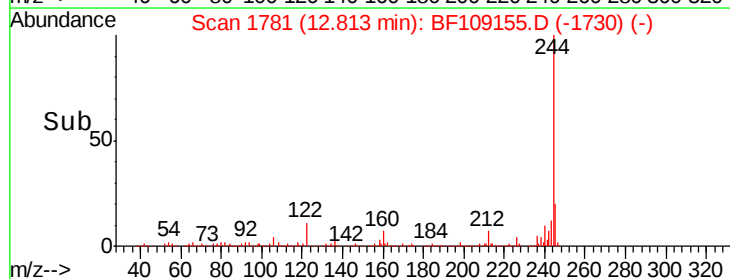
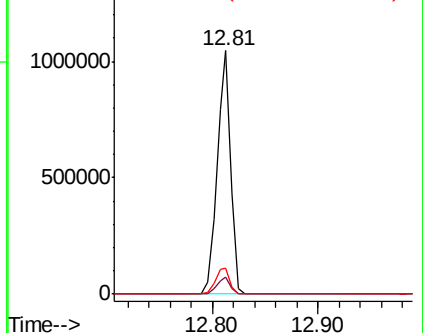
122 10.9 11.0 16.4#

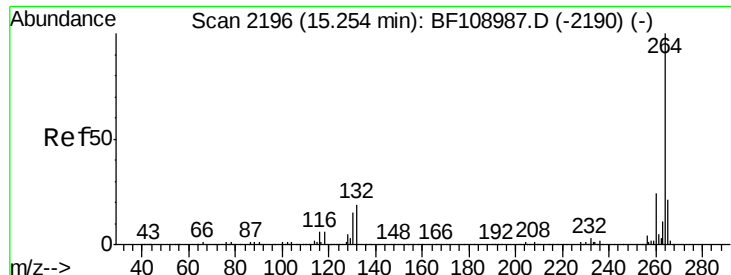


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF109155.D
Acq: 19 Sep 2018 20:30

Instrument :
BNA_F
ClientSampleId :
VNJ-220

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.2	17.5	26.3

