

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
 Data File : BF112829.D
 Acq On : 4 Mar 2019 17:29
 Operator : JU/SJ
 Sample : K1712-07 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Z-2-1

Quant Time: Mar 05 00:38:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

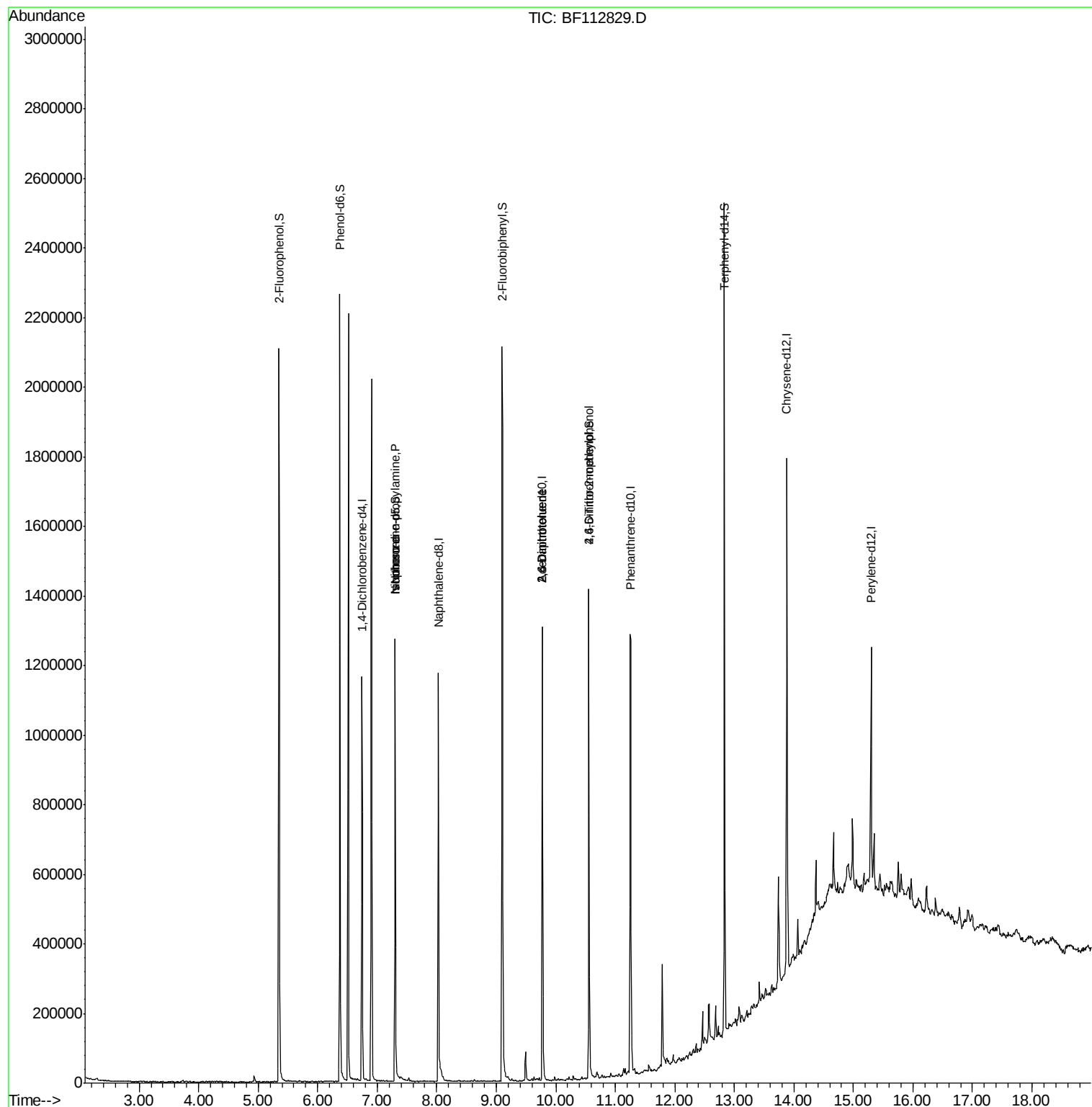
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	162248	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	574316	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	253844	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	538232	20.00	ng	0.01
76) Chrysene-d12	13.88	240	492869	20.00	ng	0.00
87) Perylene-d12	15.30	264	328481	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	598311	57.36	ng	0.00
7) Phenol-d6	6.37	99	744764	56.84	ng	0.00
23) Nitrobenzene-d5	7.30	82	427958	44.59	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	195859	72.68	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	739637	42.17	ng	0.00
79) Terphenyl-d14	12.83	244	844411	33.21	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	55870	6.733	ng	# 76
25) Isophorone	7.30	82	422506	20.433	ng	# 66
51) 2,6-Dinitrotoluene	9.77	165	31588	8.104	ng	# 18
57) 2,4-Dinitrotoluene	9.77	165	31589	6.520	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.56	198	139	4.670	ng	# 1

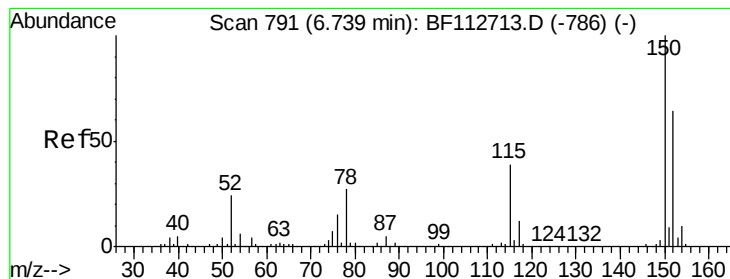
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration



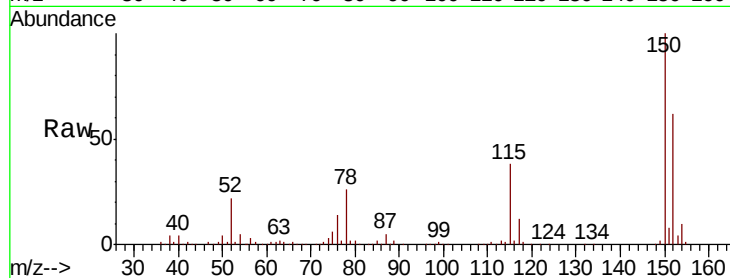


#1

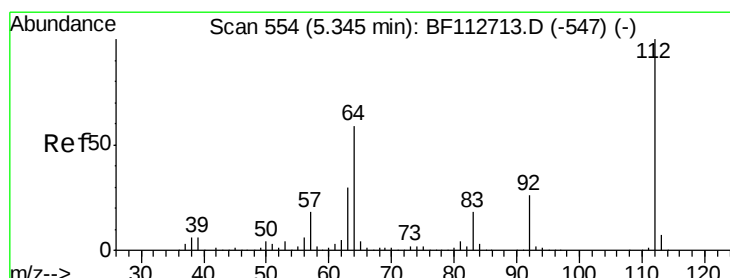
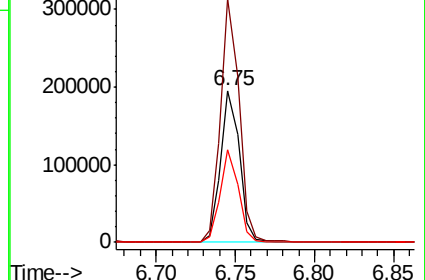
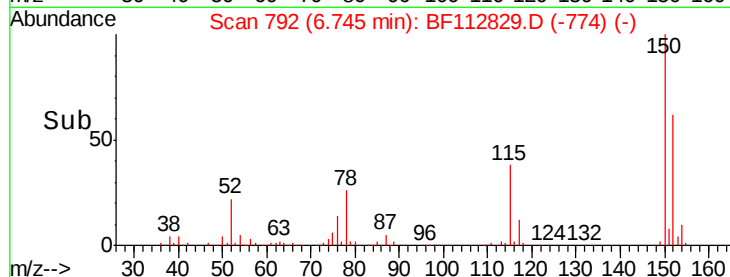
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112829.D
Acq: 4 Mar 2019 17:29

Instrument :
BNA_F
ClientSampleId :
Z-2-1

Tgt Ion:152 Resp: 162248
Ion Ratio Lower Upper
152 100
150 160.5 124.2 186.2
115 61.4 48.2 72.4



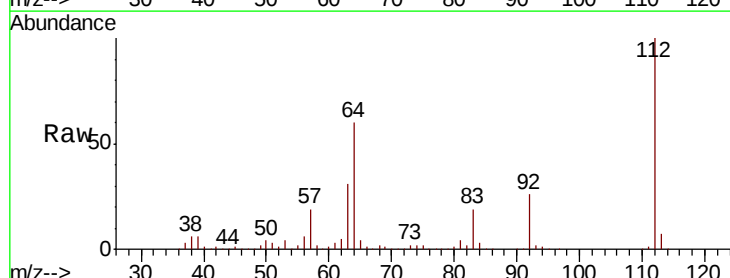
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



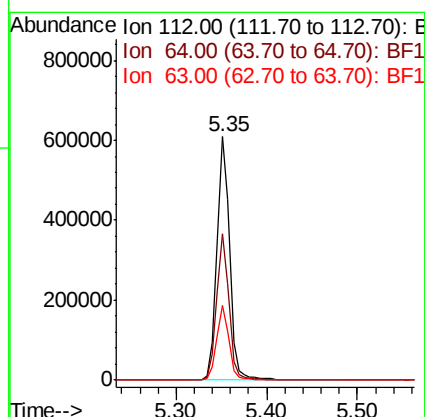
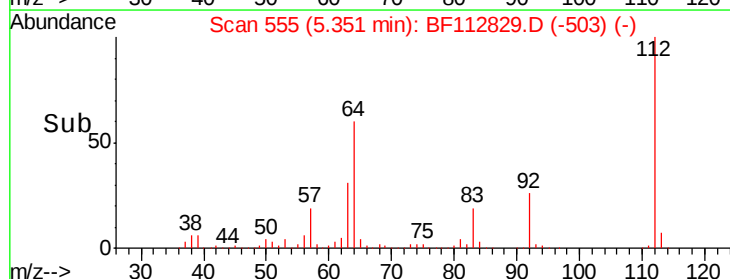
#5

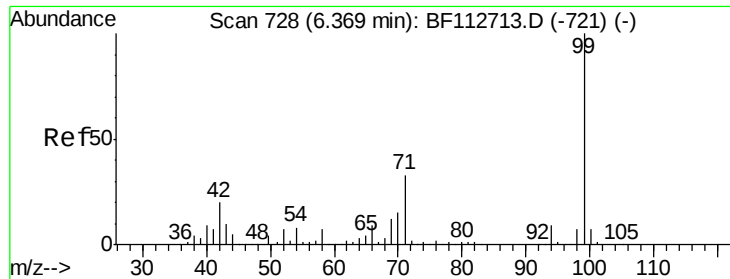
2-Fluorophenol
Concen: 57.363 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF112829.D
Acq: 4 Mar 2019 17:29

Tgt Ion:112 Resp: 598311
Ion Ratio Lower Upper
112 100
64 60.2 47.6 71.4
63 30.8 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 56.843 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.01 min

Lab File: BF112829.D

Acq: 4 Mar 2019 17:29

Instrument :

BNA_F

ClientSampled :

Z-2-1

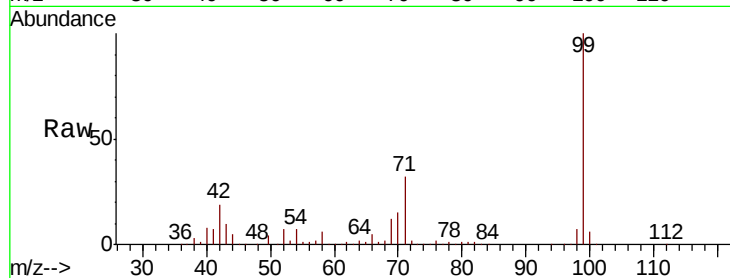
Tgt Ion: 99 Resp: 744764

Ion Ratio Lower Upper

99 100

42 19.3 16.3 24.5

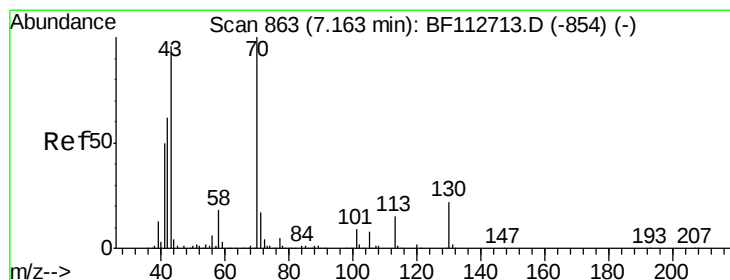
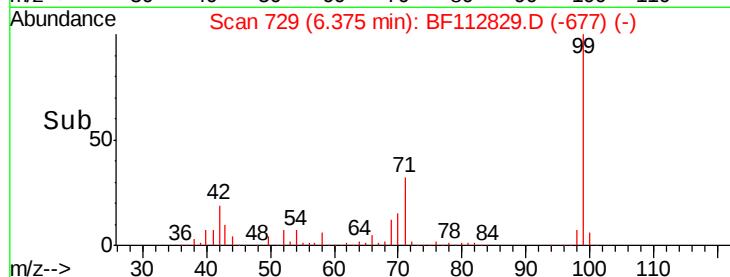
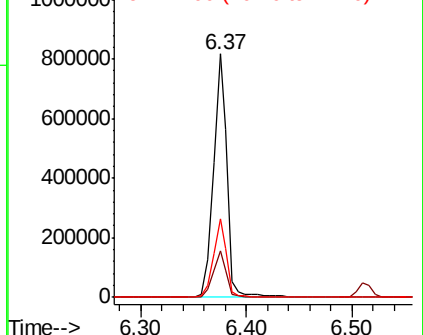
71 32.3 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 6.733 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.14 min

Lab File: BF112829.D

Acq: 4 Mar 2019 17:29

Tgt Ion: 70 Resp: 55870

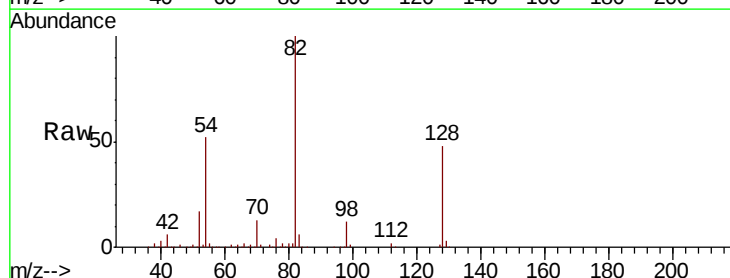
Ion Ratio Lower Upper

70 100

42 48.9 49.9 74.9#

101 0.0 7.4 11.2#

130 2.3 17.4 26.2#

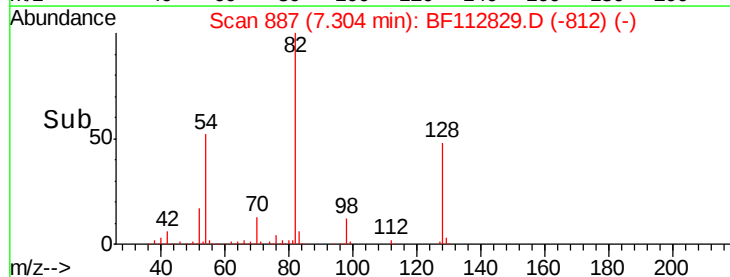
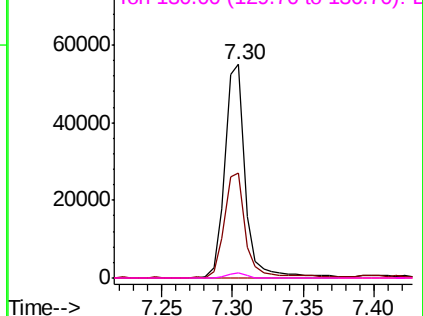


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

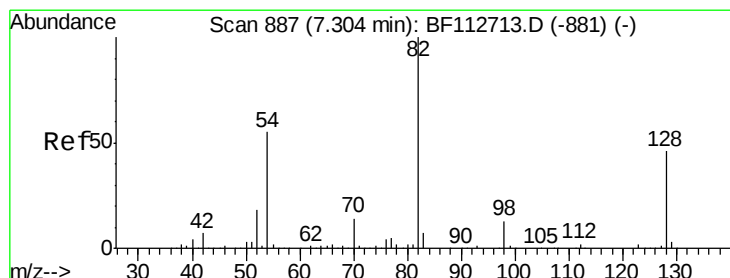
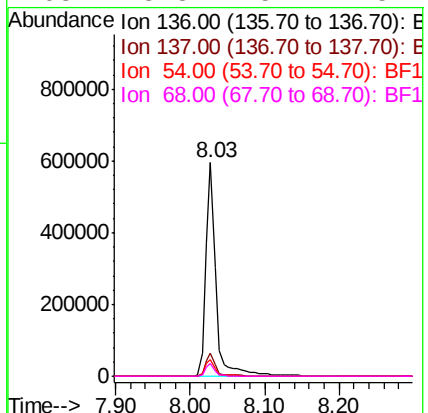
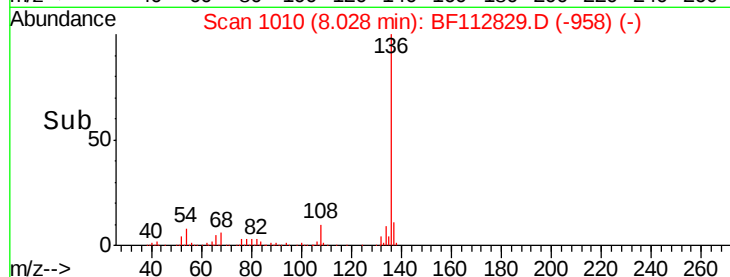
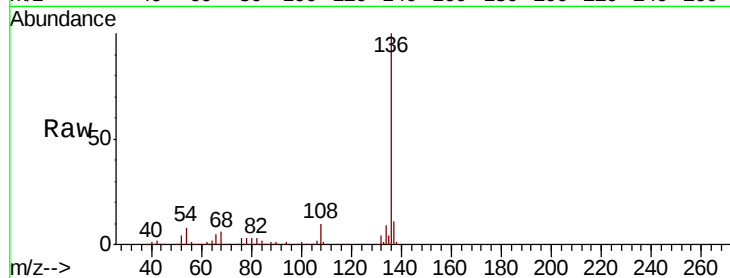




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF112829.D
Acq: 4 Mar 2019 17:29

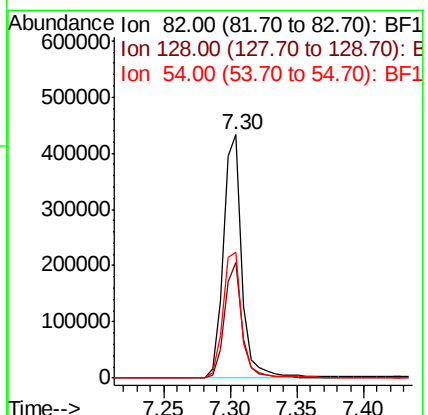
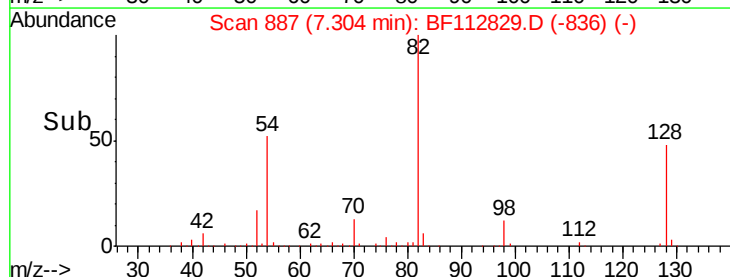
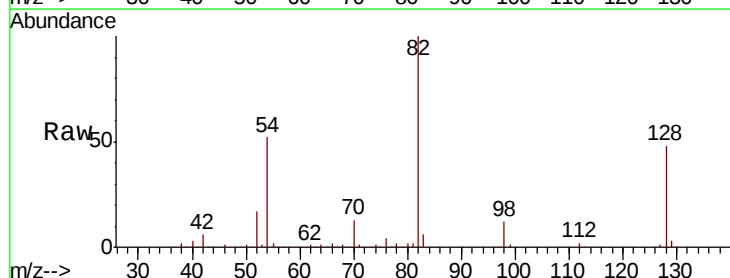
Instrument :
BNA_F
ClientSampleId :
Z-2-1

Tgt Ion:	136	Resp:	574316
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.9	7.3	10.9
68	5.8	5.4	8.2



#23
Nitrobenzene-d5
Concen: 44.589 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BF112829.D
Acq: 4 Mar 2019 17:29

Tgt Ion:	82	Resp:	427958
Ion	Ratio	Lower	Upper
82	100		
128	47.6	36.3	54.5
54	51.8	43.7	65.5





#25

Isophorone

Concen: 20.433 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.26 min

Lab File: BF112829.D

Acq: 4 Mar 2019 17:29

Instrument :

BNA_F

ClientSampleId :

Z-2-1

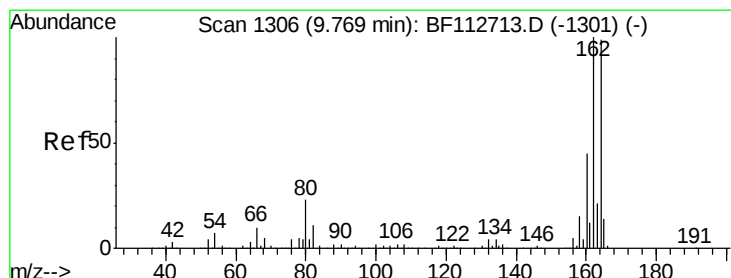
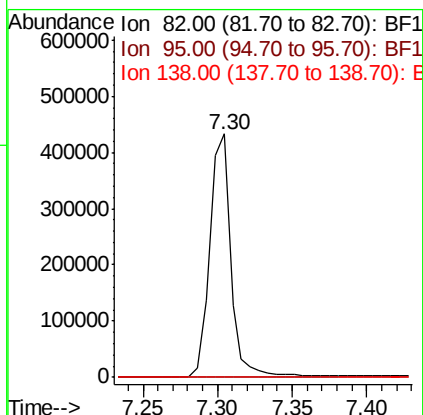
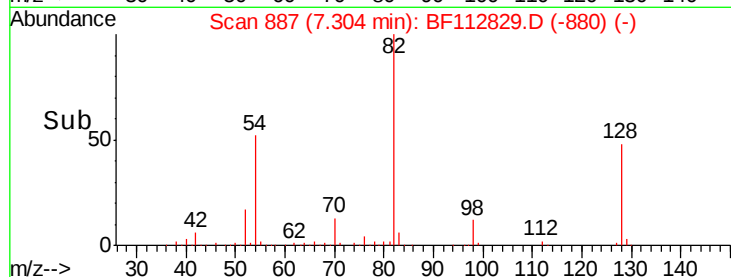
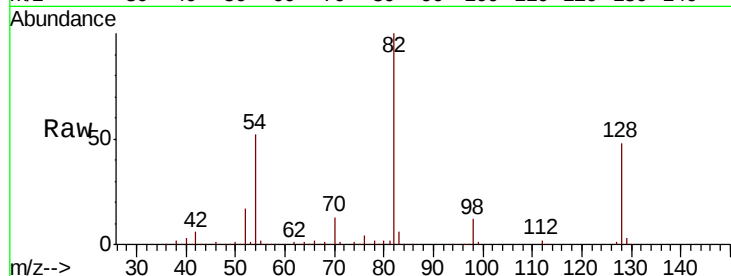
Tgt Ion: 82 Resp: 422506

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 13.8 20.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. 0.01 min

Lab File: BF112829.D

Acq: 4 Mar 2019 17:29

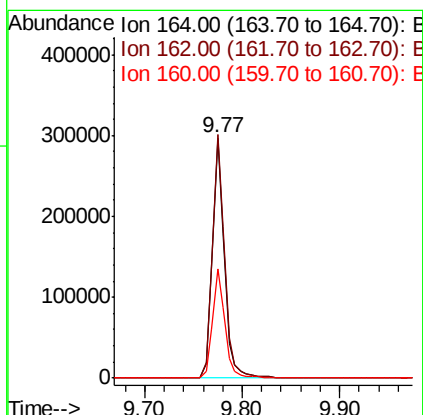
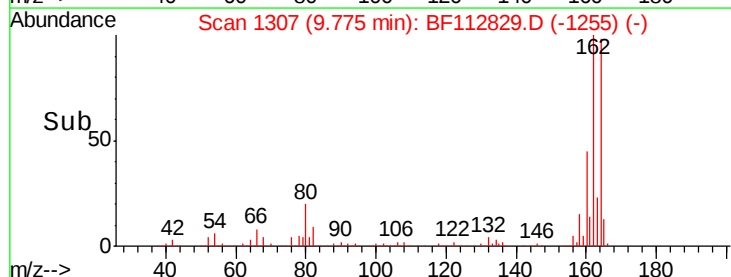
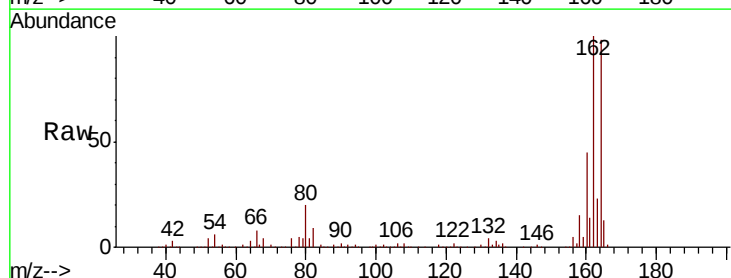
Tgt Ion: 164 Resp: 253844

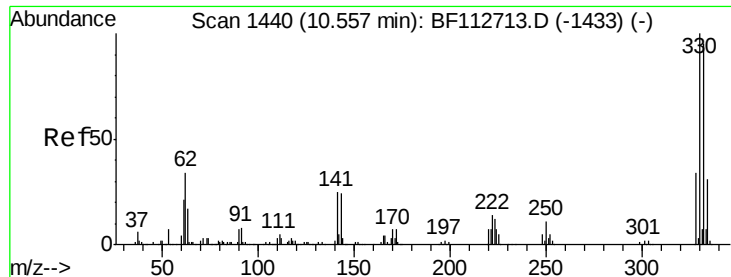
Ion Ratio Lower Upper

164 100

162 101.6 80.6 120.8

160 45.3 36.0 54.0

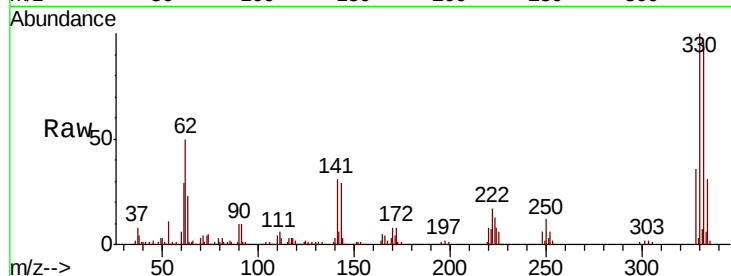




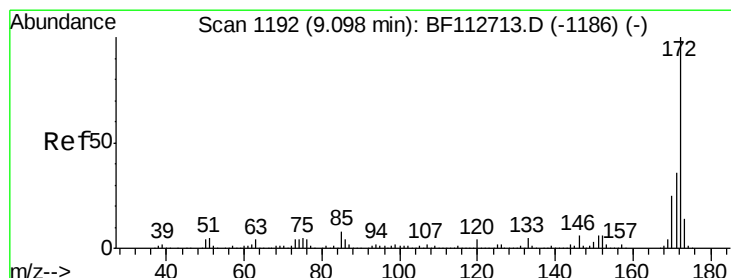
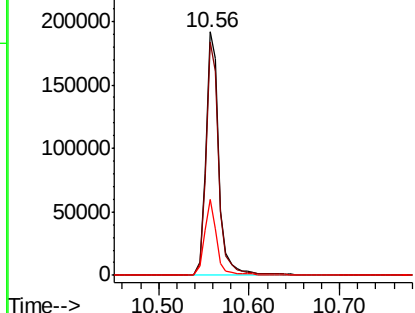
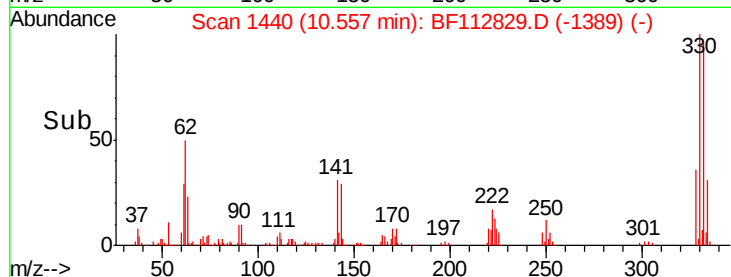
#42
 2,4,6-Tribromophenol
 Concen: 72.678 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF112829.D
 Acq: 4 Mar 2019 17:29

Instrument :
 BNA_F
 ClientSampled :
 Z-2-1

Tgt Ion:330 Resp: 195859
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.2 114.4
 141 29.5 27.0 40.6

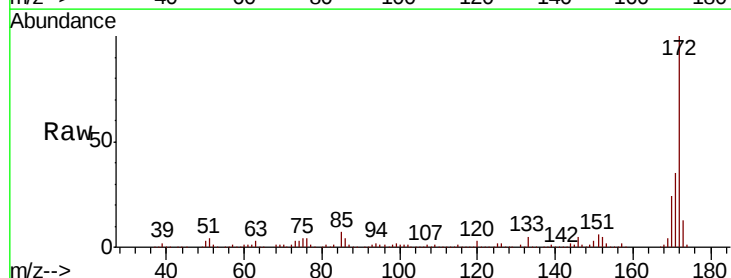


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

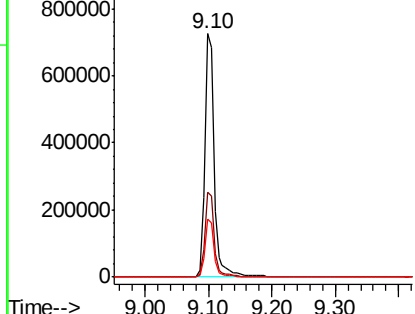
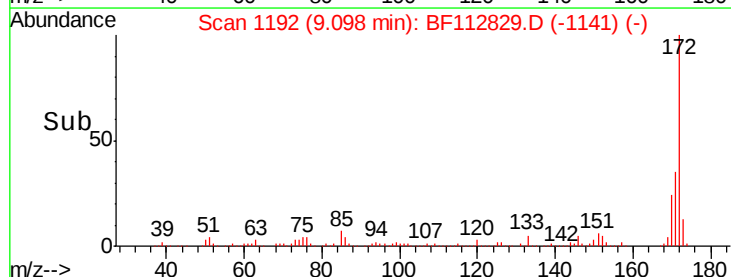


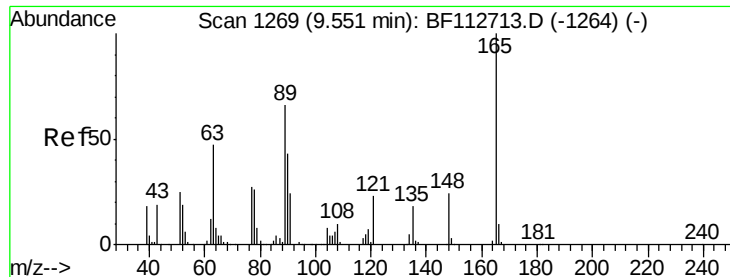
#45
 2-Fluorobiphenyl
 Concen: 42.165 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112829.D
 Acq: 4 Mar 2019 17:29

Tgt Ion:172 Resp: 739637
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.0 43.4
 170 23.9 20.0 30.0



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

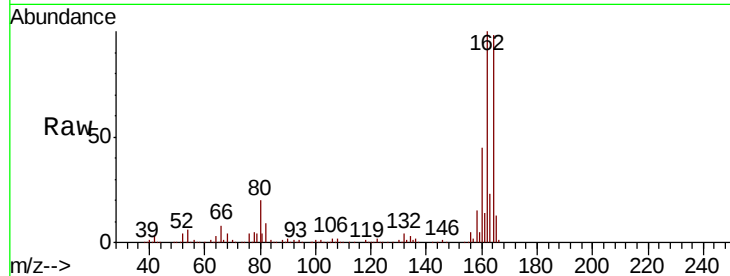




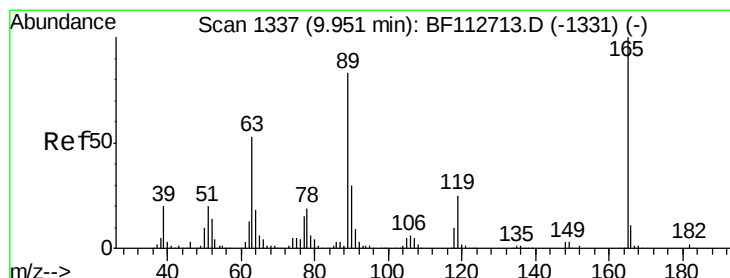
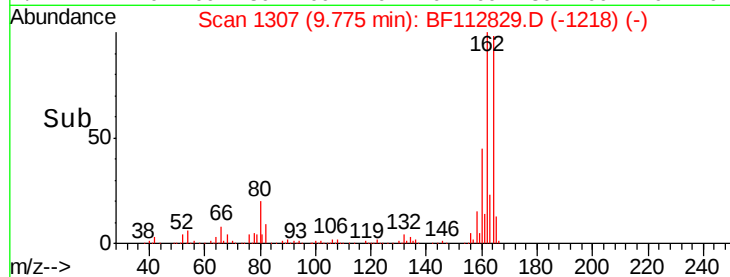
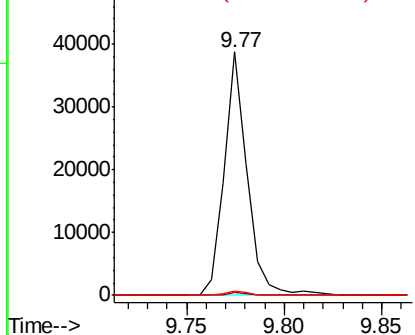
#51
 2,6-Dinitrotoluene
 Concen: 8.104 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.22 min
 Lab File: BF112829.D
 Acq: 4 Mar 2019 17:29

Instrument :
 BNA_F
 ClientSampled :
 Z-2-1

Tgt Ion:165 Resp: 31588
 Ion Ratio Lower Upper
 165 100
 63 1.4 54.1 81.1#
 89 1.6 52.8 79.2#



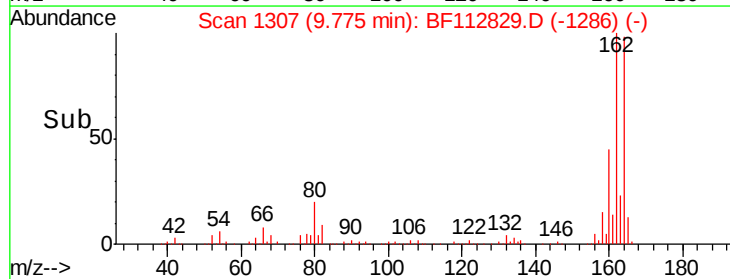
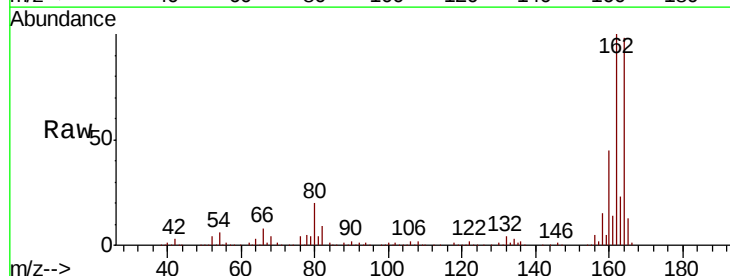
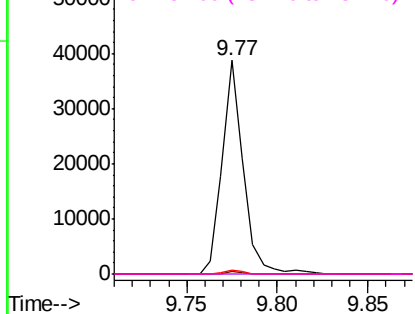
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

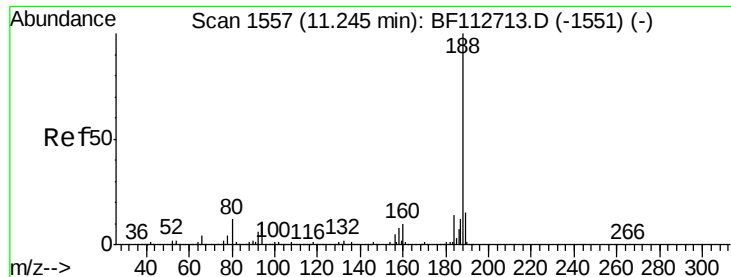


#57
 2,4-Dinitrotoluene
 Concen: 6.520 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.18 min
 Lab File: BF112829.D
 Acq: 4 Mar 2019 17:29

Tgt Ion:165 Resp: 31589
 Ion Ratio Lower Upper
 165 100
 63 1.4 42.2 63.2#
 89 1.6 66.2 99.4#
 182 0.0 1.8 2.6#

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BF112829.D

Acq: 4 Mar 2019 17:29

Instrument :

BNA_F

ClientSampleId :

Z-2-1

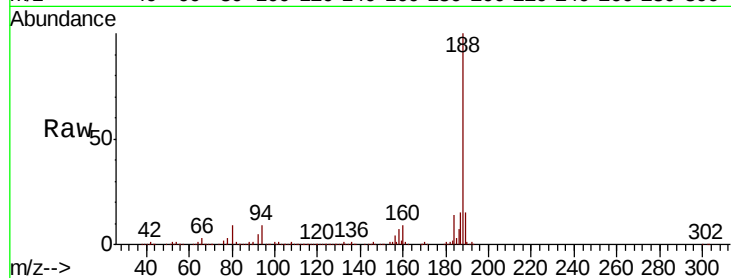
Tgt Ion:188 Resp: 538232

Ion Ratio Lower Upper

188 100

94 8.7 9.0 13.4#

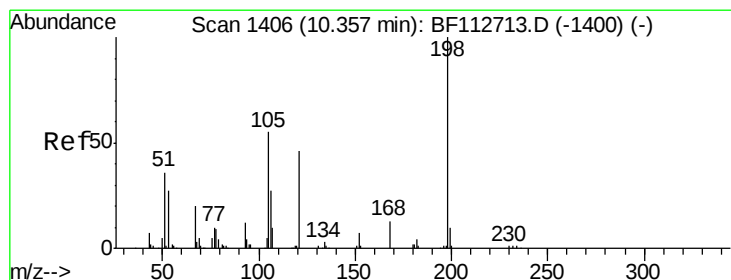
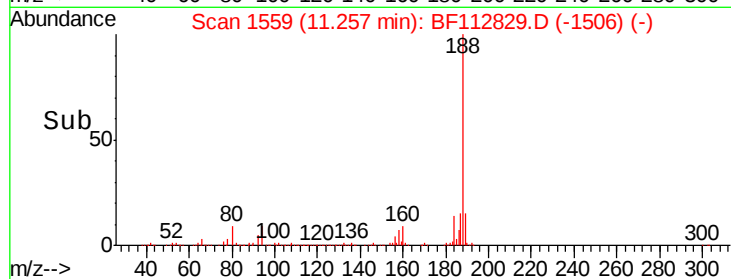
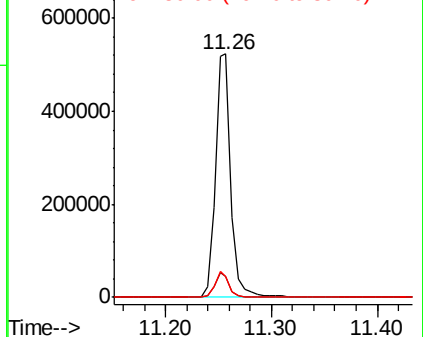
80 8.6 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 4.670 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.20 min

Lab File: BF112829.D

Acq: 4 Mar 2019 17:29

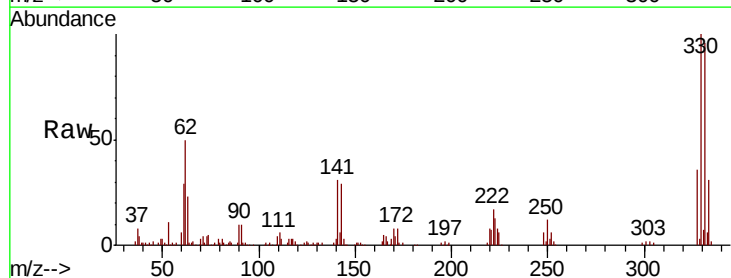
Tgt Ion:198 Resp: 139

Ion Ratio Lower Upper

198 100

51 257.4 43.8 83.8#

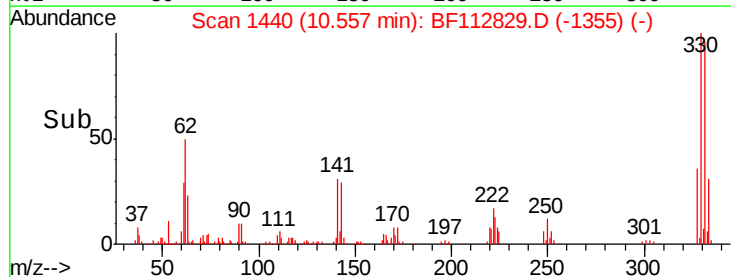
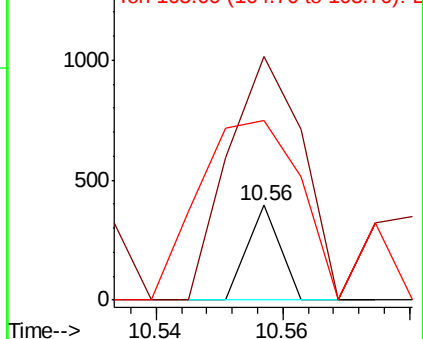
105 189.8 36.5 76.5#

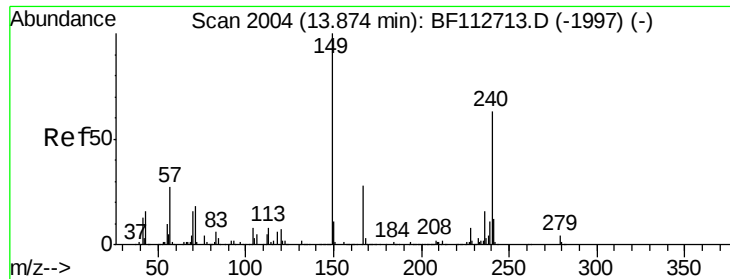


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

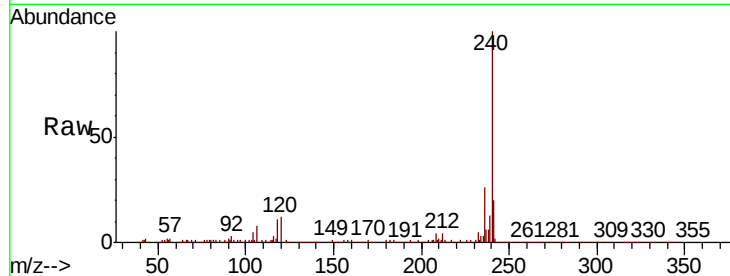




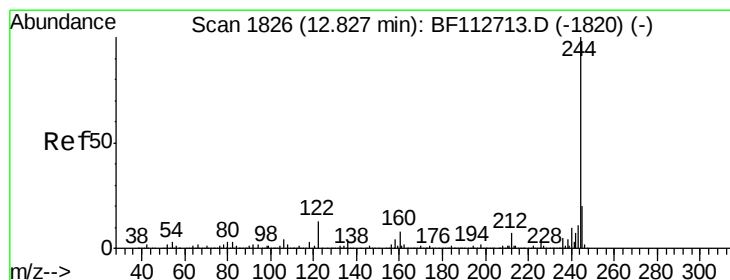
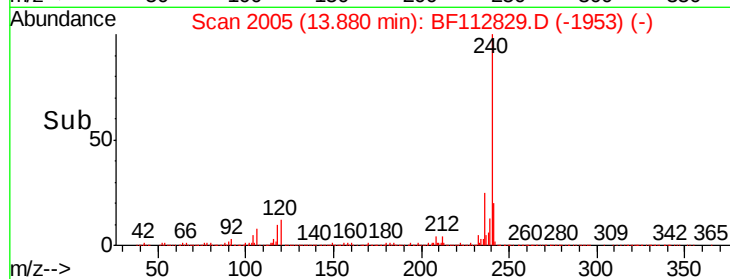
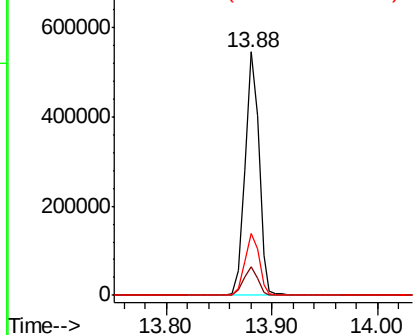
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BF112829.D
Acq: 4 Mar 2019 17:29

Instrument :
BNA_F
ClientSampleId :
Z-2-1

Tgt Ion:240 Resp: 492869
Ion Ratio Lower Upper
240 100
120 11.9 8.9 13.3
236 25.6 20.7 31.1

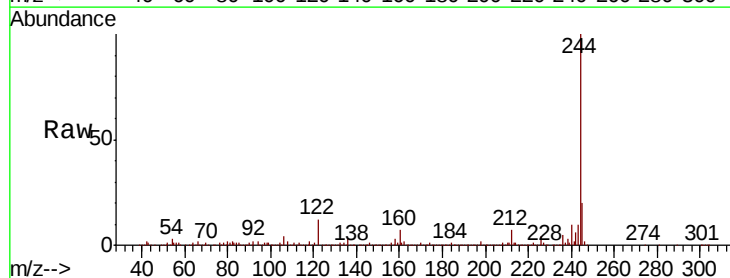


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

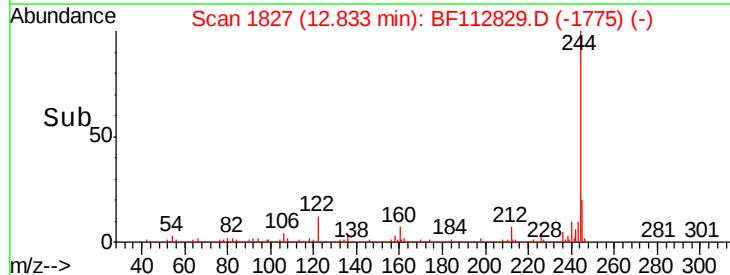
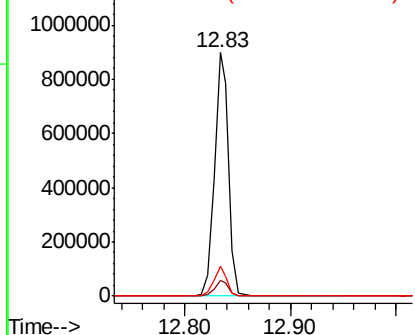


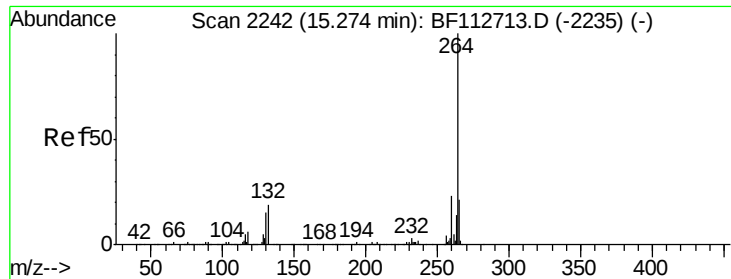
#79
Terphenyl-d14
Concen: 33.211 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BF112829.D
Acq: 4 Mar 2019 17:29

Tgt Ion:244 Resp: 844411
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 12.3 10.5 15.7



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





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.02 min
Lab File: BF112829.D
Acq: 4 Mar 2019 17:29

Instrument :
BNA_F
ClientSampleId :
Z-2-1

Tgt Ion:	264	Resp:	328481
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	22.1	17.2	25.8

