

Data Path : U:\HPCHEM1\BNA F\DATA\BF012618\
 Data File : BF102479.D
 Acq On : 26 Jan 2018 20:03
 Operator : SJ/JU
 Sample : J1286-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 22:03:40 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 26 16:18:07 2018
 Response via : Initial Calibration

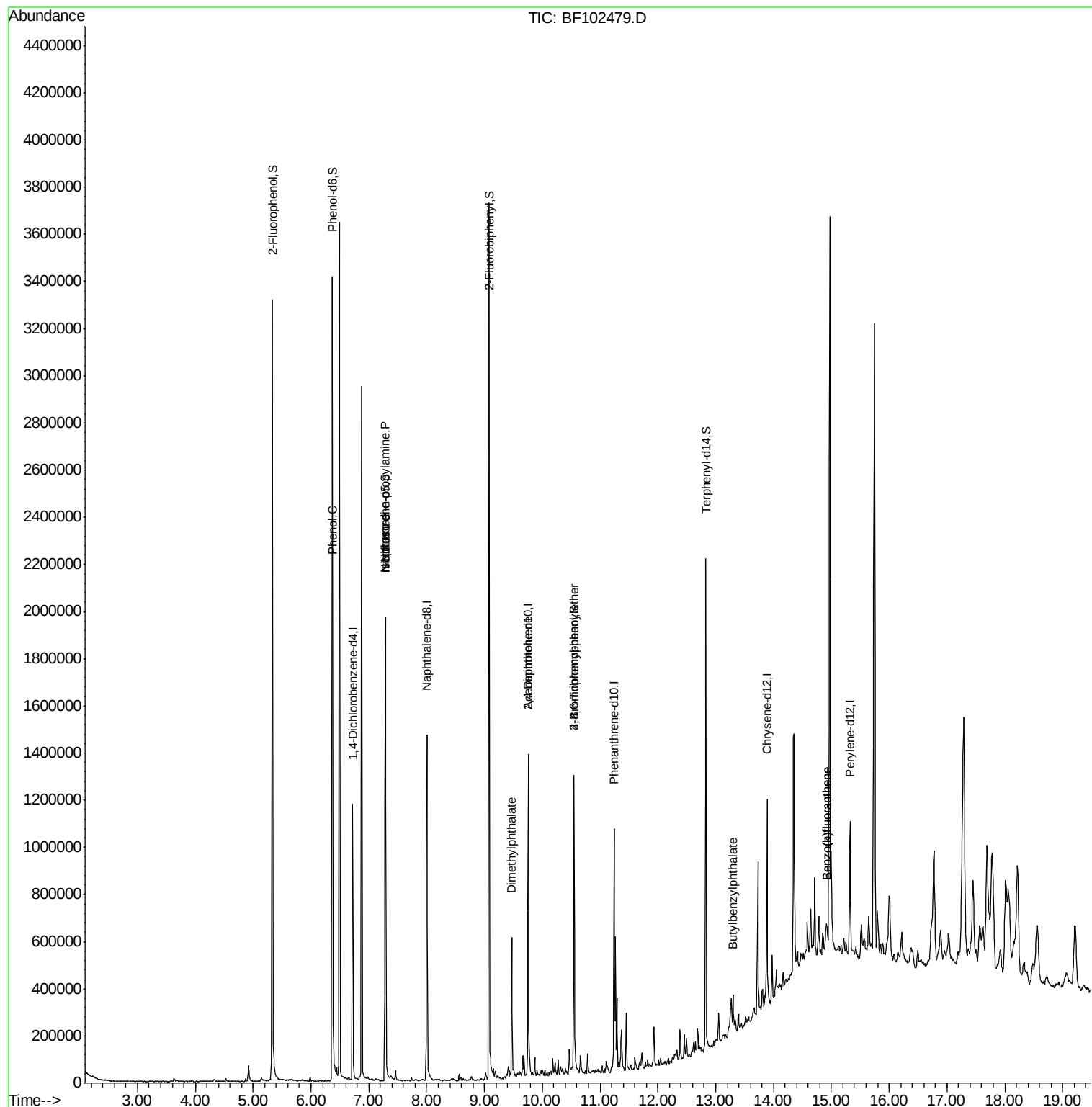
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	162588	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	643739	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	249352	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	355996	20.00	ng	0.00
75) Chrysene-d12	13.89	240	294945	20.00	ng	0.00
86) Perylene-d12	15.32	264	189453	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1006415	93.86	ng	0.01
7) Phenol-d6	6.37	99	1192626	92.25	ng	0.00
23) Nitrobenzene-d5	7.29	82	629292	56.18	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	147296	59.62	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1127843	66.51	ng	0.00
78) Terphenyl-d14	12.83	244	713757	54.55	ng	0.00
Target Compounds						
10) Phenol	6.38	94	52219	3.700	ng	93
19) n-Nitroso-di-n-propylamine	7.29	70	82006	10.366	ng	# 81
25) Isophorone	7.29	82	626756	31.385	ng	# 64
49) Dimethylphthalate	9.47	163	231256	11.220	ng	99
56) 2,4-Dinitrotoluene	9.76	165	31984	5.853	ng	# 24
66) 4-Bromophenyl-phenylether	10.55	248	9874	2.577	ng	# 1
79) Butylbenzylphthalate	13.30	149	26188	2.308	ng	90
87) Benzo(b)fluoranthene	14.91	252	37189	3.029	ng	# 67
88) Benzo(k)fluoranthene	14.91	252	37189	3.206	ng	# 70

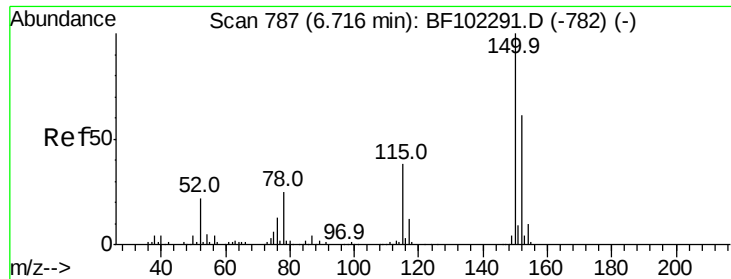
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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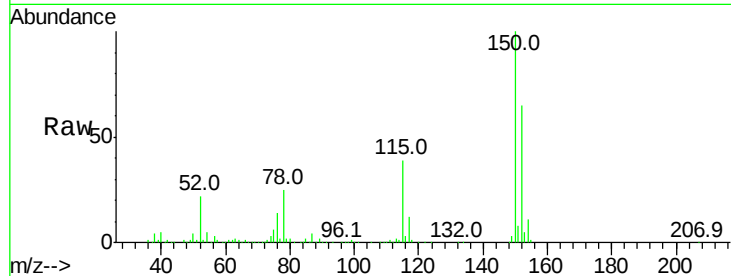


#1

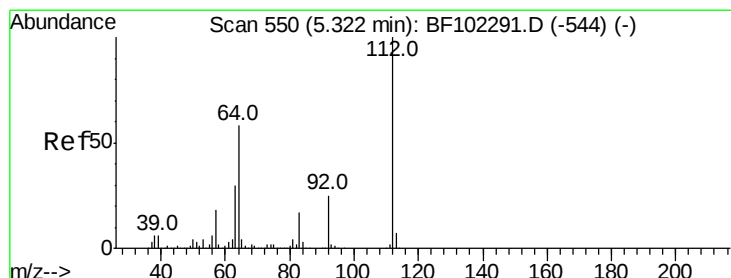
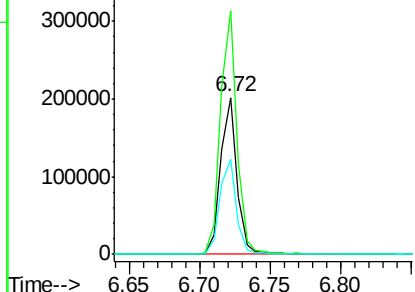
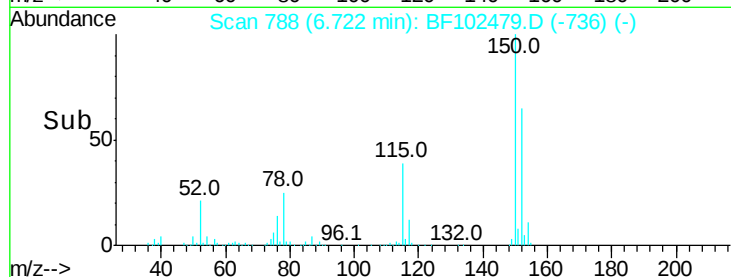
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.01 min
Lab File: BF102479.D
Acq: 26 Jan 2018 20:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 162588
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 60.9 50.1 75.1



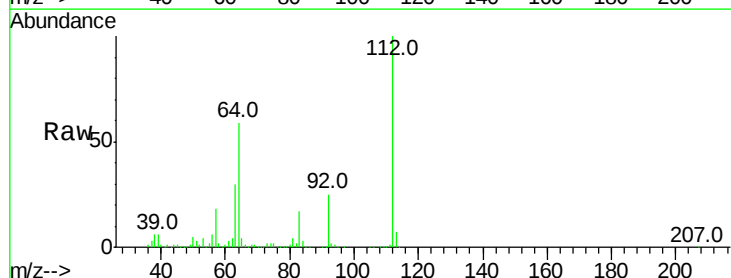
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



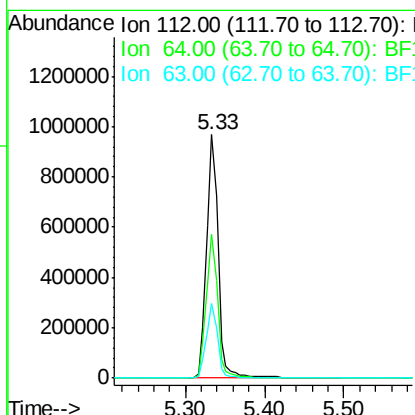
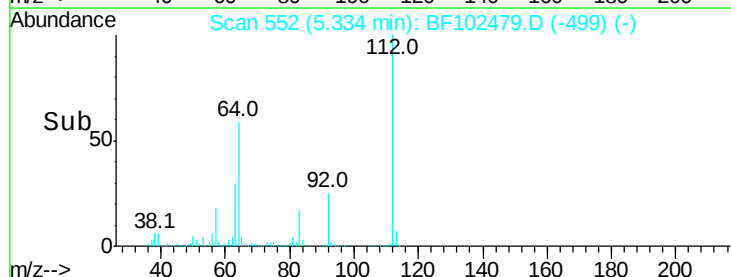
#5

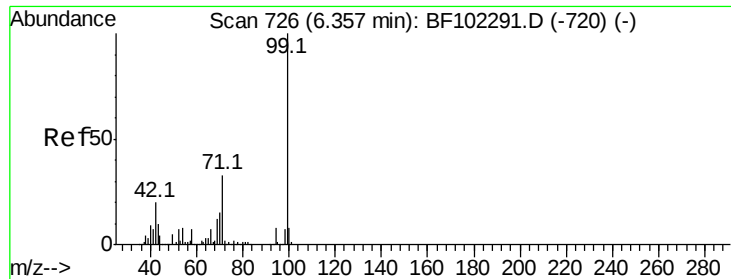
2-Fluorophenol
Concen: 93.856 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102479.D
Acq: 26 Jan 2018 20:03

Tgt Ion:112 Resp: 1006415
Ion Ratio Lower Upper
112 100
64 59.2 47.9 71.9
63 30.5 23.7 35.5



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: 92.255 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102479.D

Acq: 26 Jan 2018 20:03

Instrument :

BNA_F

ClientSampled :

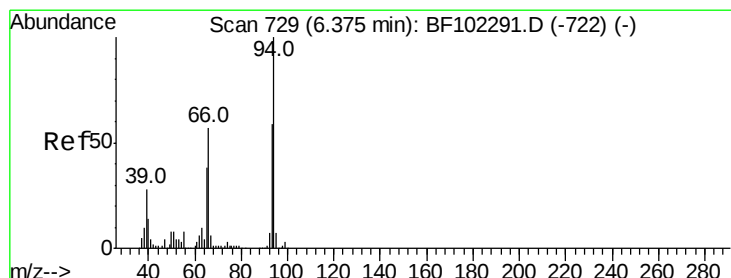
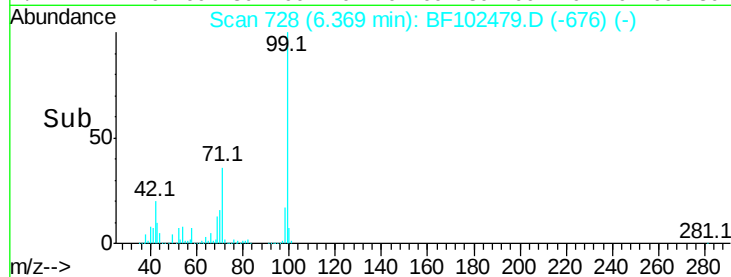
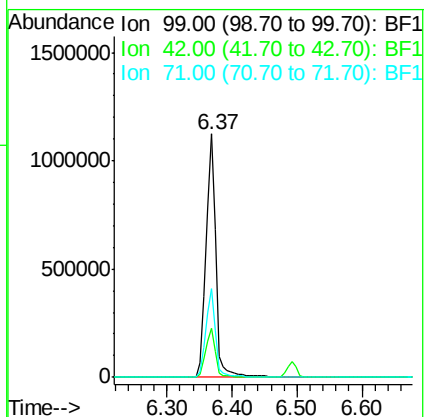
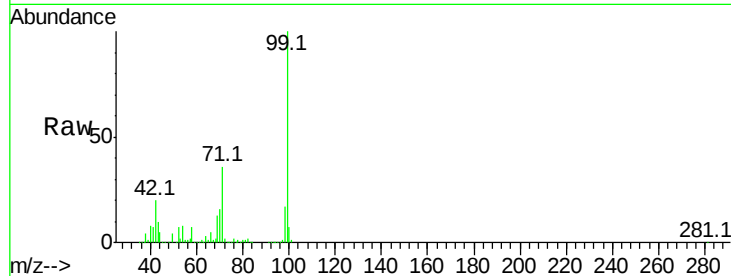
Tot Ion: 99 Resp: 1192626

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

71 36.2 25.4 38.0



#10

Phenol

Concen: 3.700 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF102479.D

Acq: 26 Jan 2018 20:03

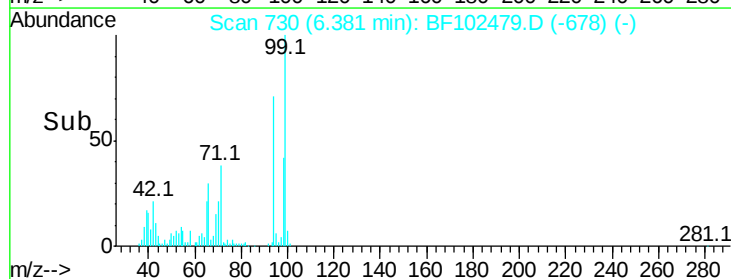
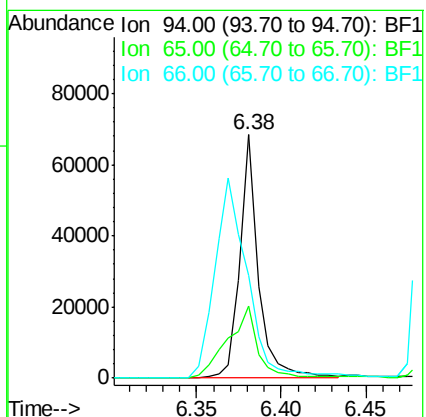
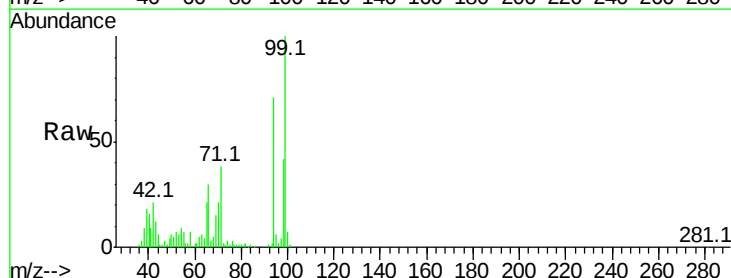
Tgt Ion: 94 Resp: 52219

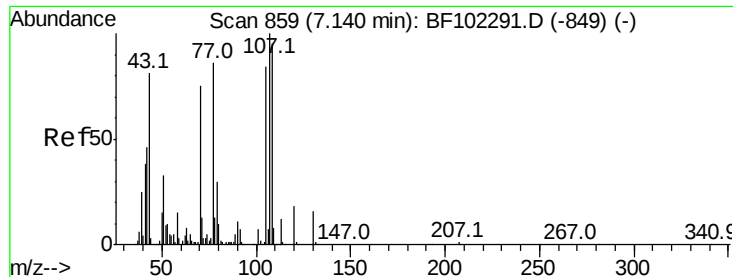
Ion Ratio Lower Upper

94 100

65 29.4 7.9 47.9

66 42.0 16.2 56.2

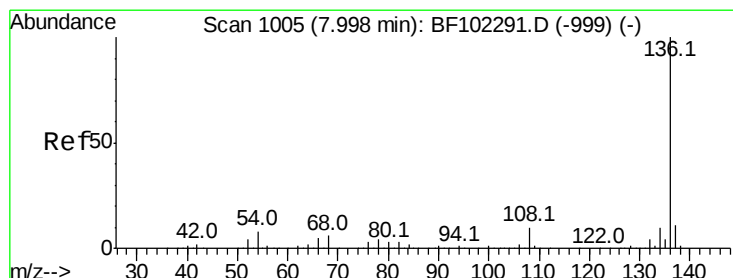
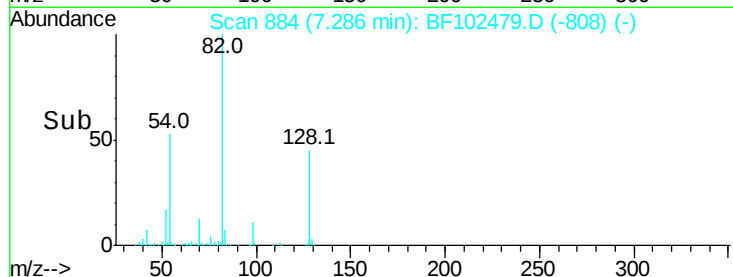
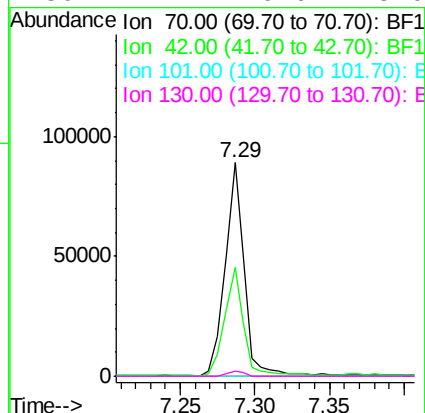
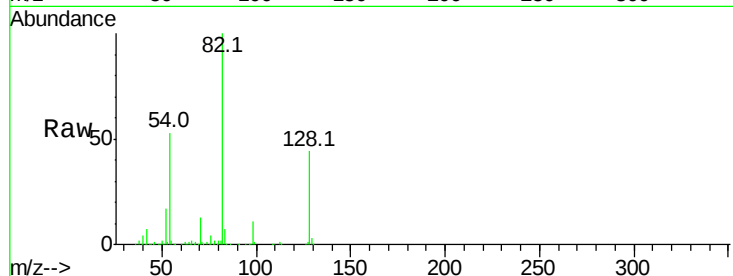




#19
n-Nitroso-di-n-propylamine
Concen: 10.366 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.15 min
Lab File: BF102479.D
Acq: 26 Jan 2018 20:03

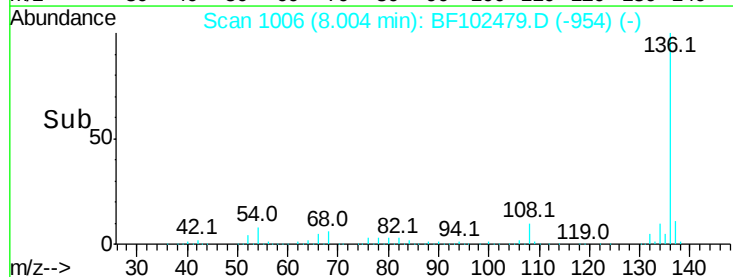
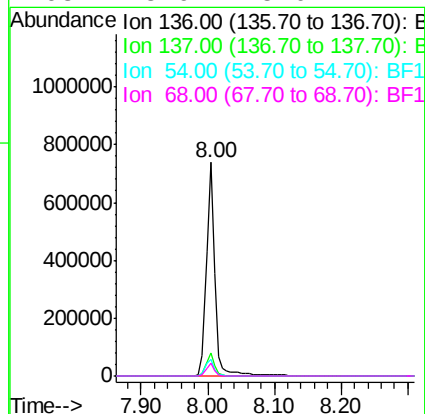
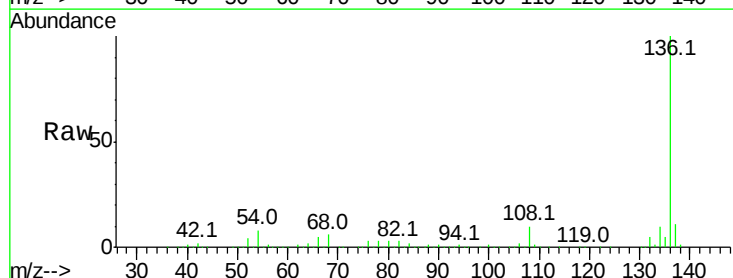
Instrument :
BNA_F
ClientSampleId :

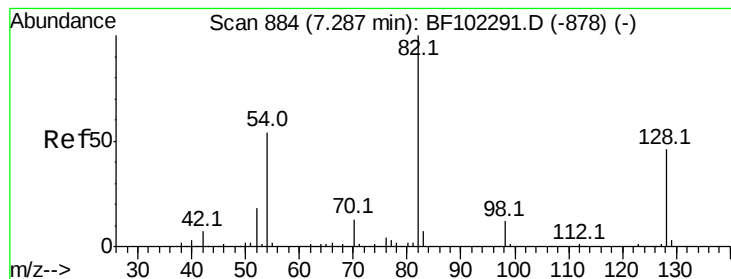
Tot Ion: 70 Resp: 82006
Ion Ratio Lower Upper
70 100
42 50.9 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF102479.D
Acq: 26 Jan 2018 20:03

Tgt Ion:136 Resp: 643739
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.9 6.6 9.8
68 5.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 56.177 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.00 min

Lab File: BF102479.D

Acq: 26 Jan 2018 20:03

Instrument :

BNA_F

ClientSampled :

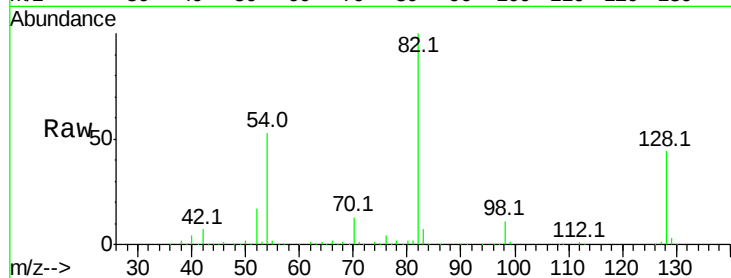
Tot Ion: 82 Resp: 629292

Ion Ratio Lower Upper

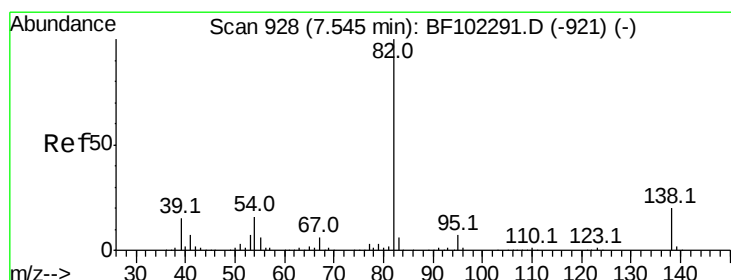
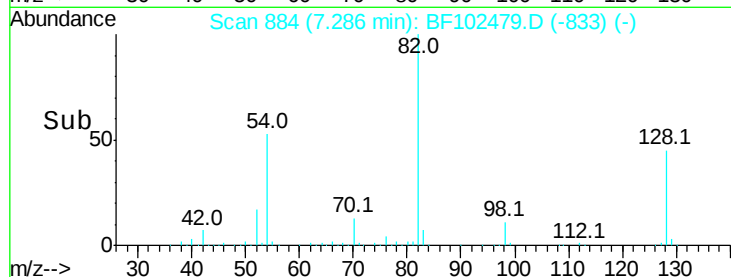
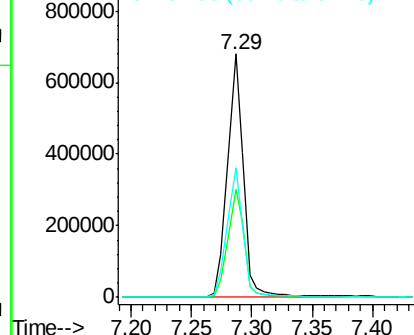
82 100

128 44.5 36.1 54.1

54 53.3 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: 31.385 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102479.D

Acq: 26 Jan 2018 20:03

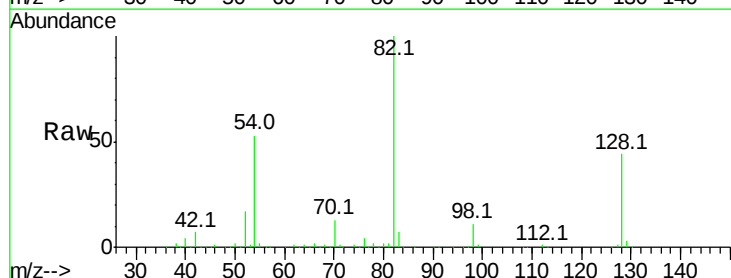
Tgt Ion: 82 Resp: 626756

Ion Ratio Lower Upper

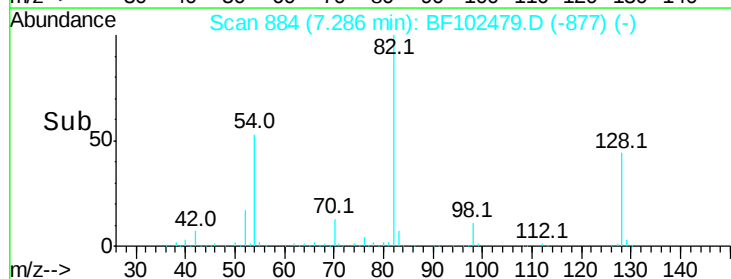
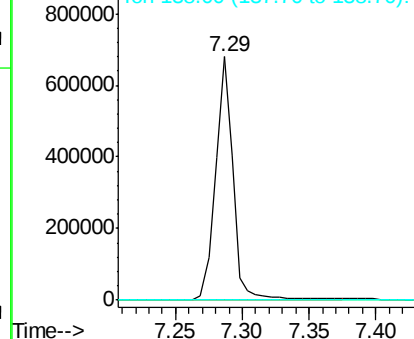
82 100

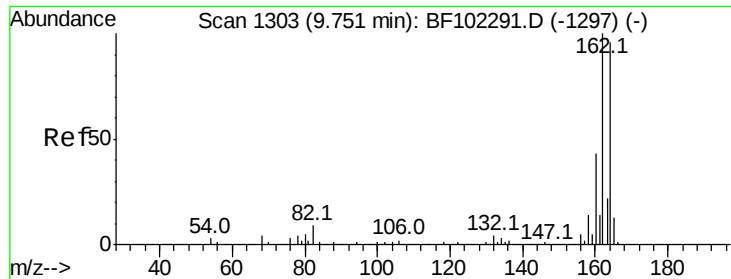
95 0.0 5.2 7.8#

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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF102479.D

Acq: 26 Jan 2018 20:03

Instrument :

BNA_F

ClientSampleId :

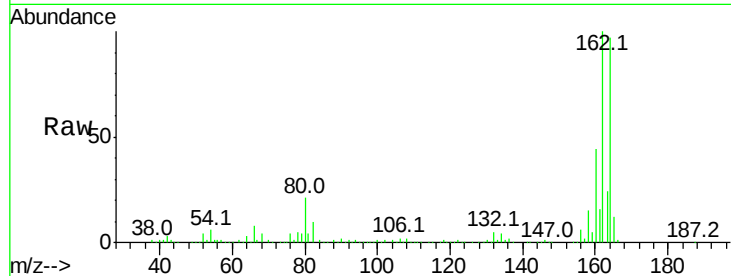
Tot Ion:164 Resp: 249352

Ion Ratio Lower Upper

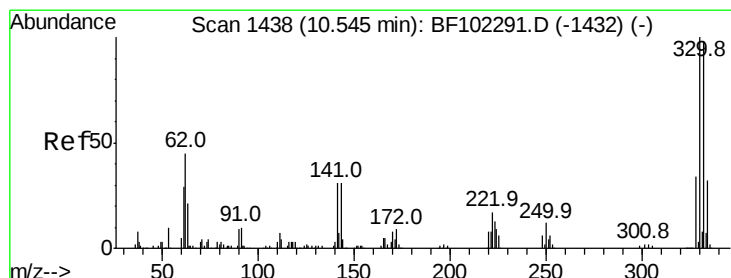
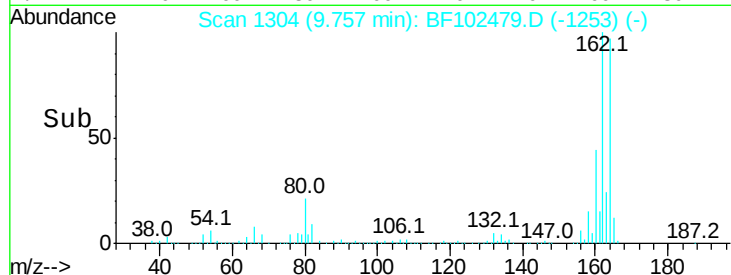
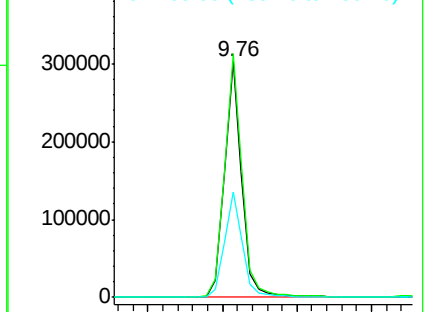
164 100

162 103.4 86.1 129.1

160 45.0 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: 59.617 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF102479.D

Acq: 26 Jan 2018 20:03

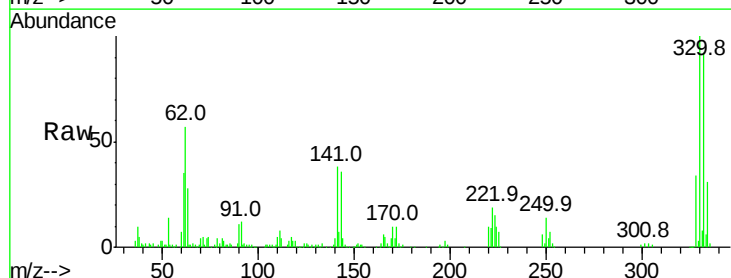
Tgt Ion:330 Resp: 147296

Ion Ratio Lower Upper

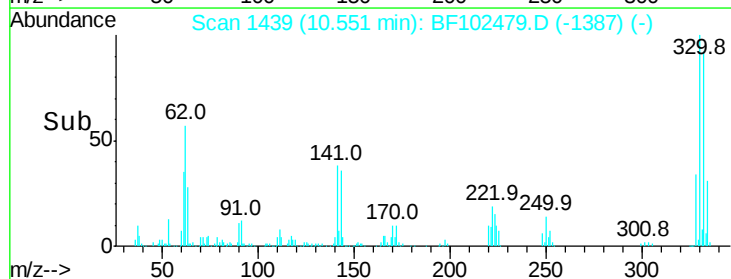
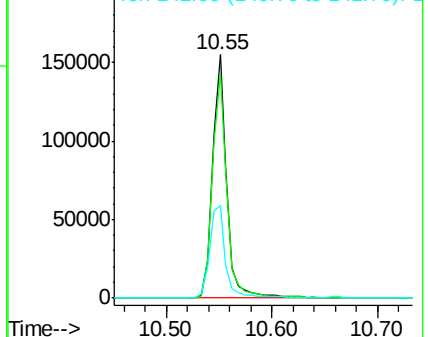
330 100

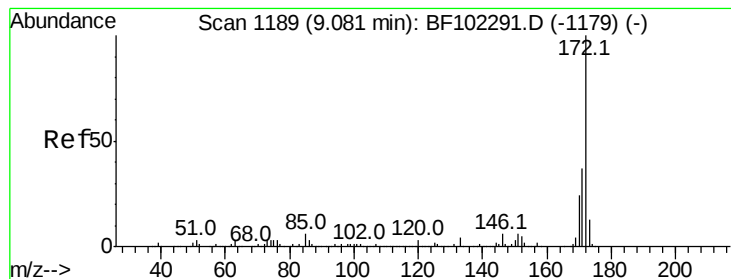
332 95.0 77.0 115.6

141 42.3 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: 66.505 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BF102479.D

Acq: 26 Jan 2018 20:03

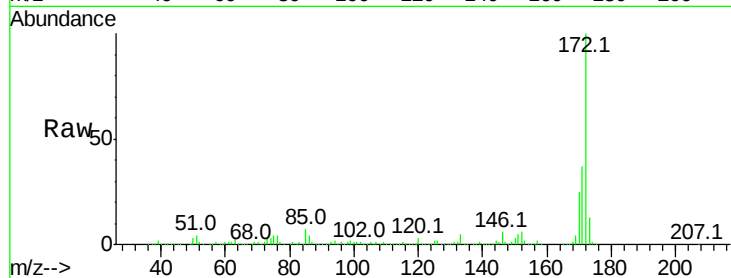
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1127843

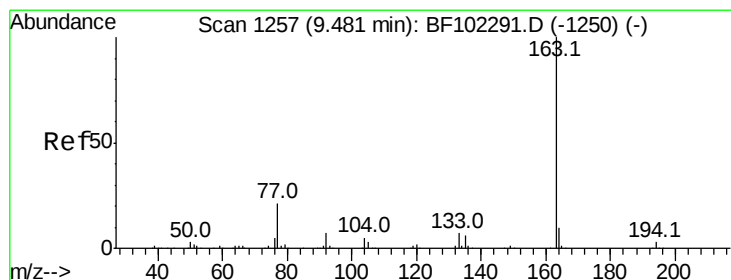
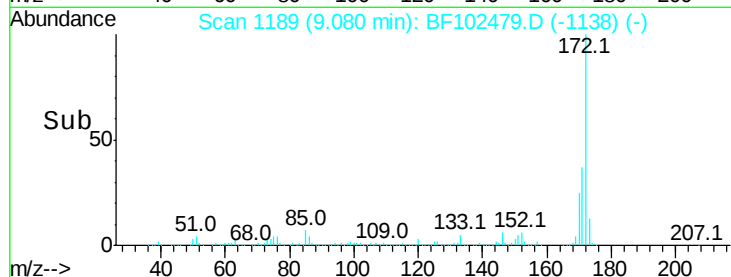
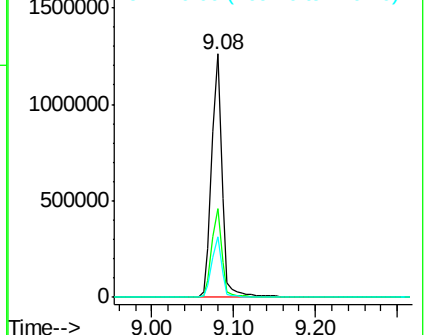
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.7	19.6	29.4



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



#49

Dimethylphthalate

Concen: 11.220 ng

RT: 9.47 min Scan# 1256

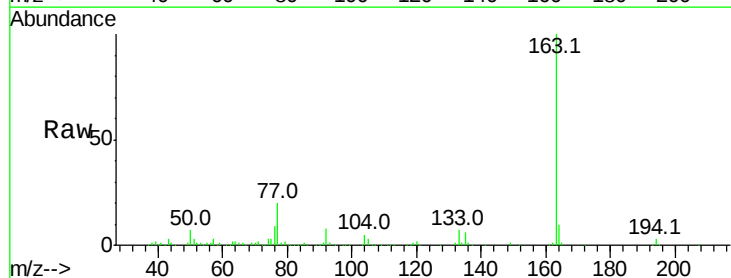
Delta R.T. -0.01 min

Lab File: BF102479.D

Acq: 26 Jan 2018 20:03

Tgt Ion:163 Resp: 231256

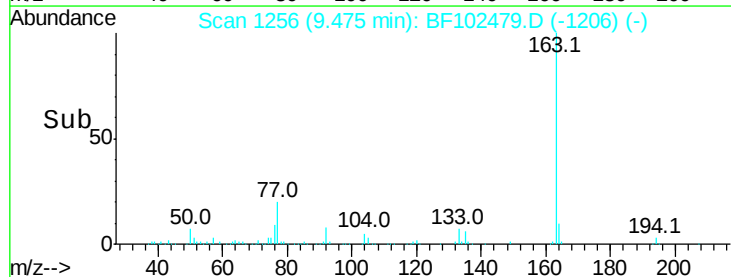
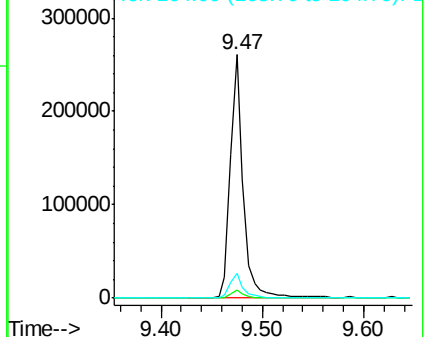
Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.9	8.2	12.2

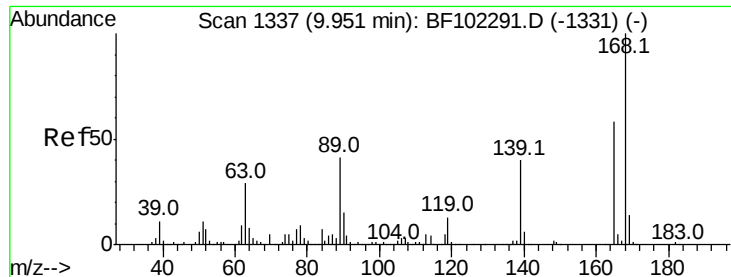


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

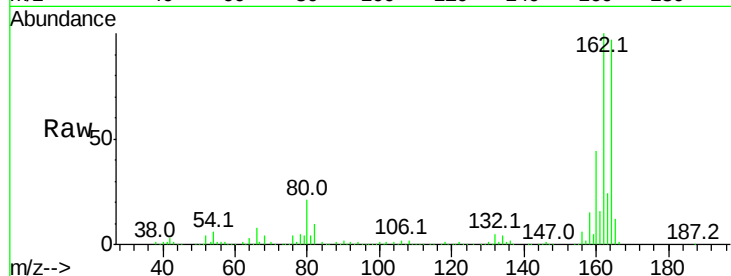




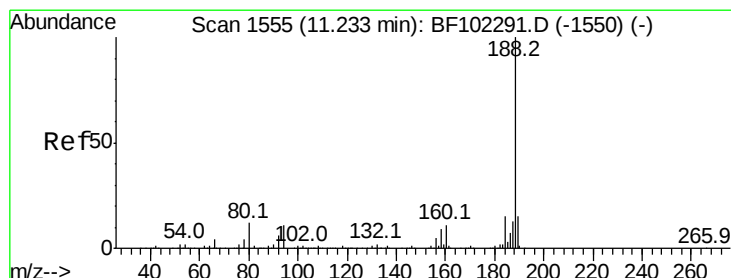
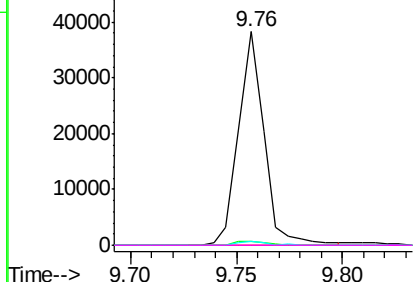
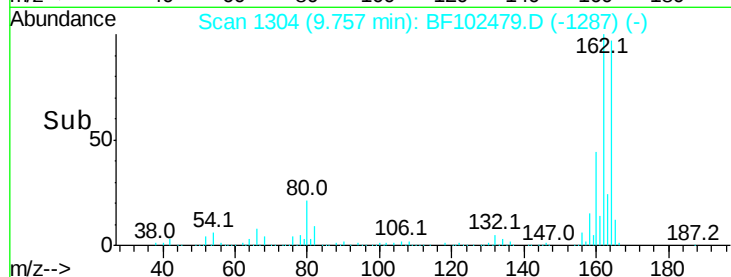
#56
 2,4-Dinitrotoluene
 Concen: 5.853 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.20 min
 Lab File: BF102479.D
 Acq: 26 Jan 2018 20:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 31984
 Ion Ratio Lower Upper
 165 100
 63 1.6 36.4 54.6#
 89 1.7 57.8 86.6#
 182 0.0 1.6 2.4#

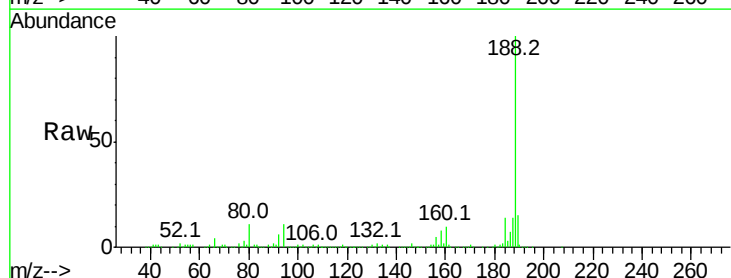


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

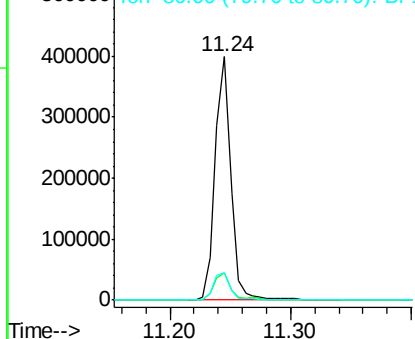
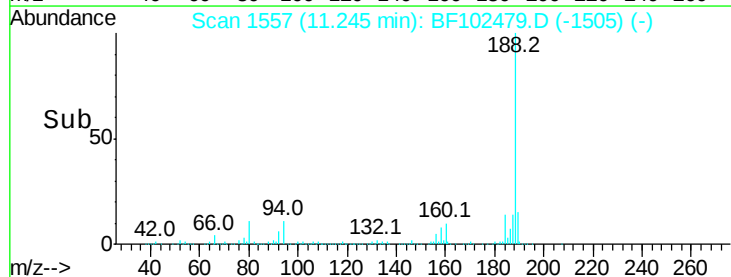


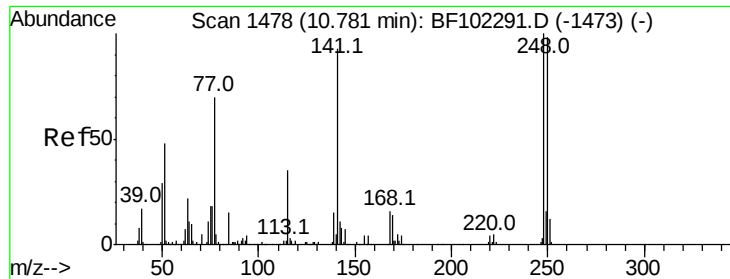
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1557
 Delta R.T. 0.01 min
 Lab File: BF102479.D
 Acq: 26 Jan 2018 20:03

Tgt Ion:188 Resp: 355996
 Ion Ratio Lower Upper
 188 100
 94 11.2 8.5 12.7
 80 11.4 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

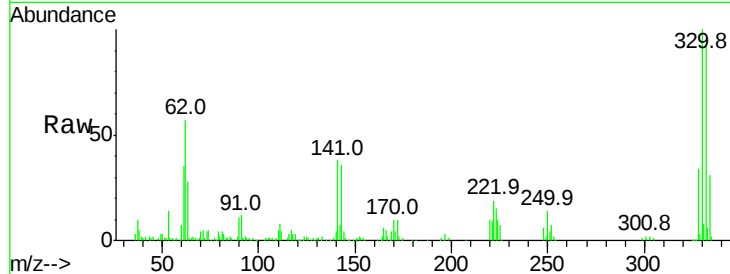




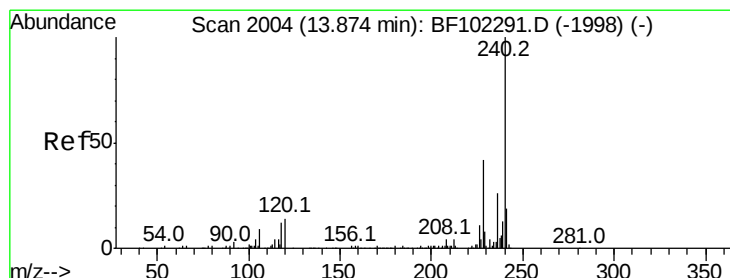
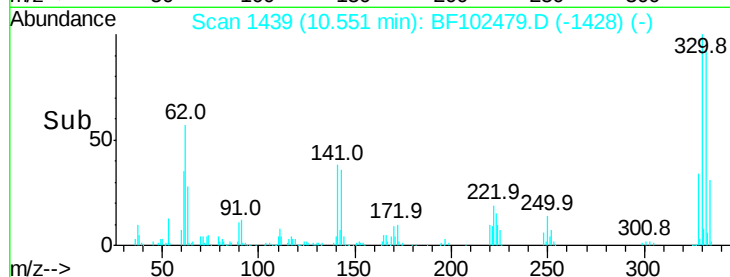
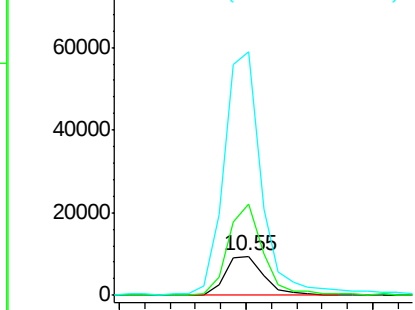
#66
4-Bromophenyl-phenylether
Concen: 2.577 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF102479.D
Acq: 26 Jan 2018 20:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9874
Ion Ratio Lower Upper
248 100
250 234.6 76.9 115.3#
141 624.5 74.4 111.6#

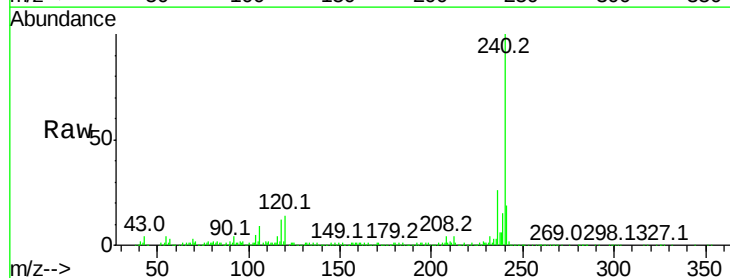


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

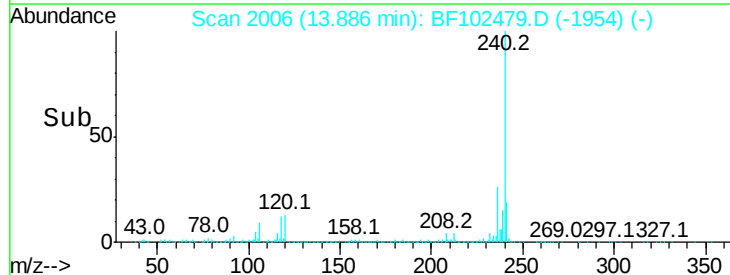
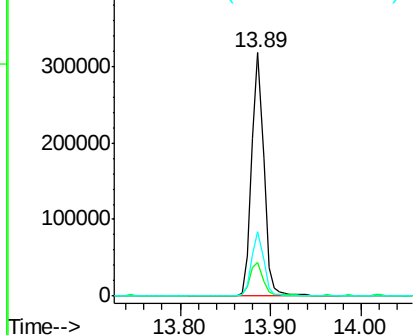


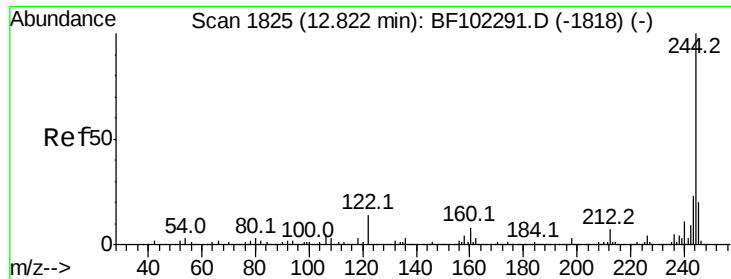
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF102479.D
Acq: 26 Jan 2018 20:03

Tgt Ion:240 Resp: 294945
Ion Ratio Lower Upper
240 100
120 13.6 9.5 14.3
236 26.4 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



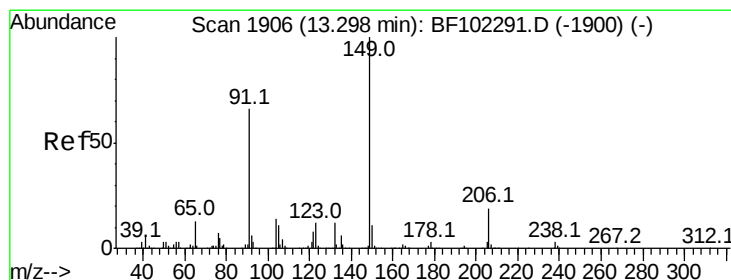
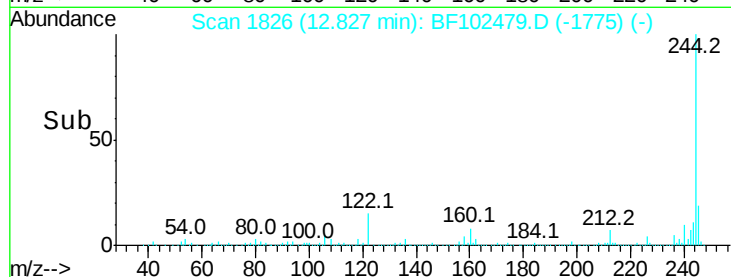
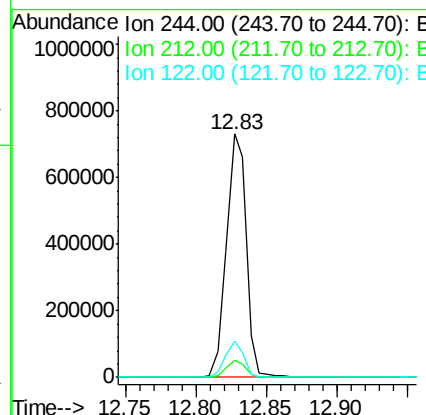
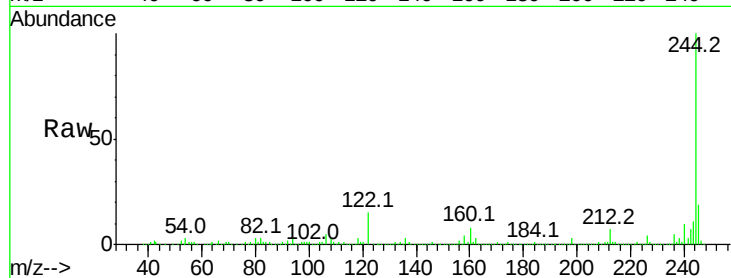


#78
 Terphenyl-d14
 Concen: 54.555 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: BF102479.D
 Acq: 26 Jan 2018 20:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 713757

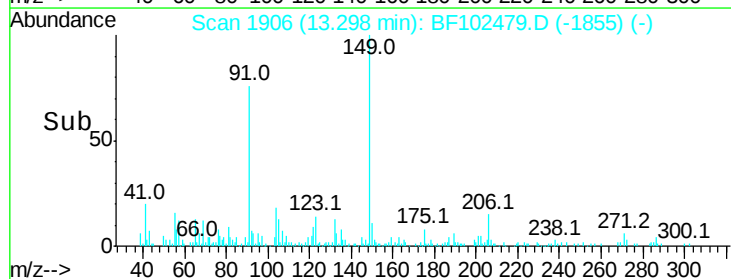
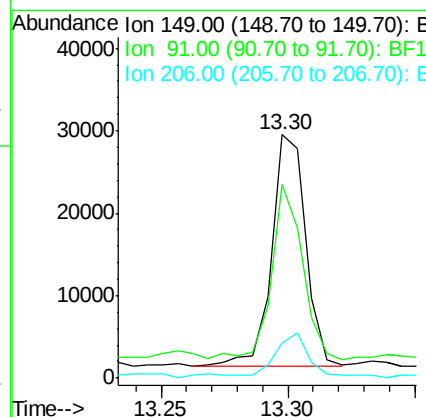
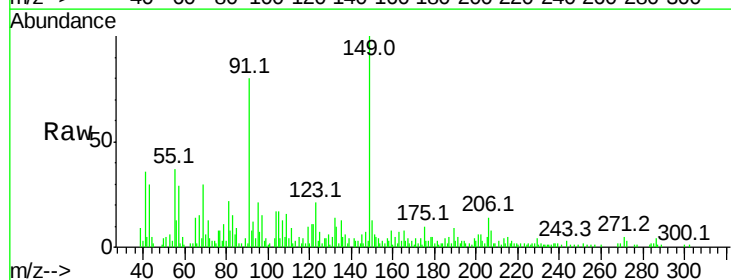
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.7	11.0	16.4

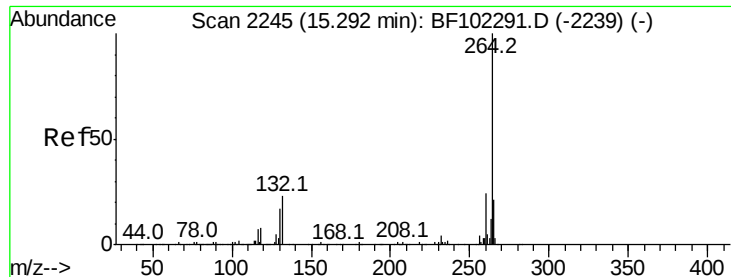


#79
 Butylbenzylphthalate
 Concen: 2.308 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. -0.00 min
 Lab File: BF102479.D
 Acq: 26 Jan 2018 20:03

Tgt Ion:149 Resp: 26188

Ion	Ratio	Lower	Upper
149	100		
91	79.6	56.8	85.2
206	14.3	14.1	21.1



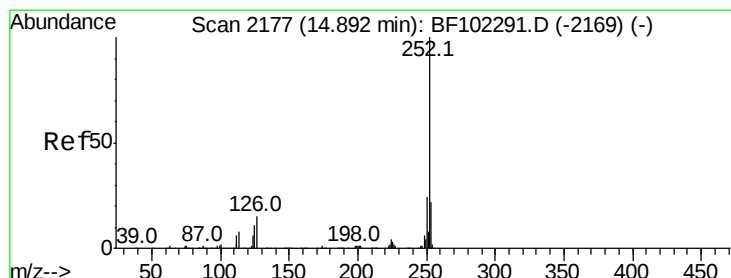
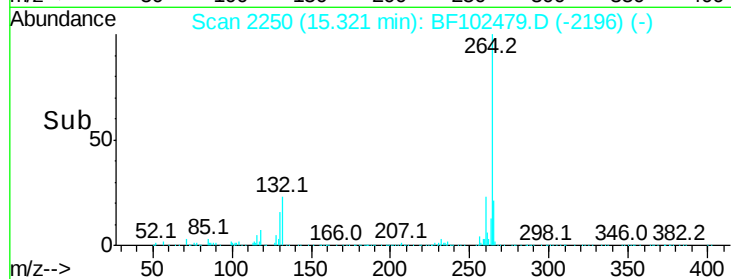
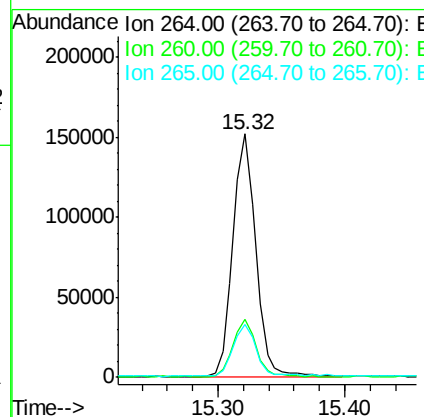
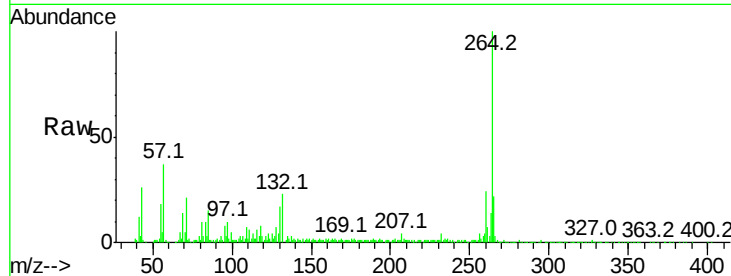


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.02 min
Lab File: BF102479.D
Acq: 26 Jan 2018 20:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 189453

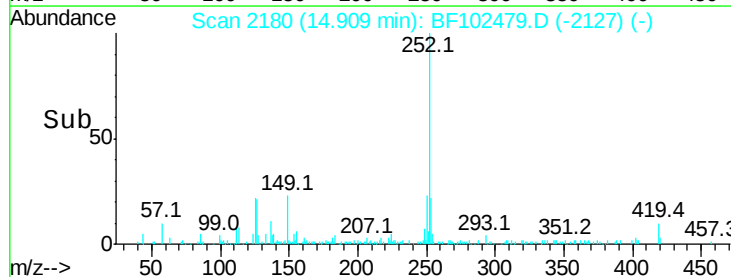
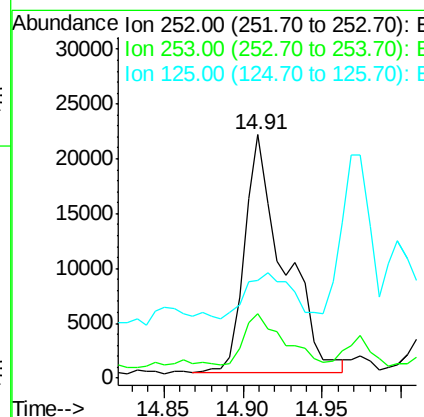
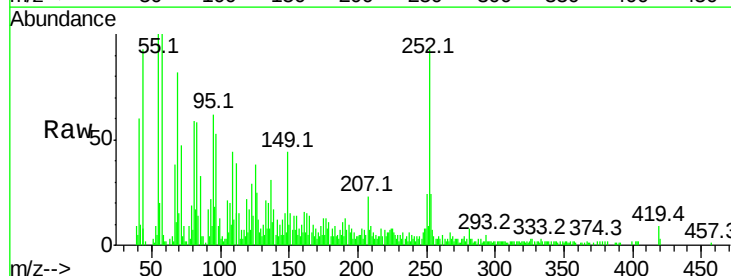
Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.5	17.5	26.3

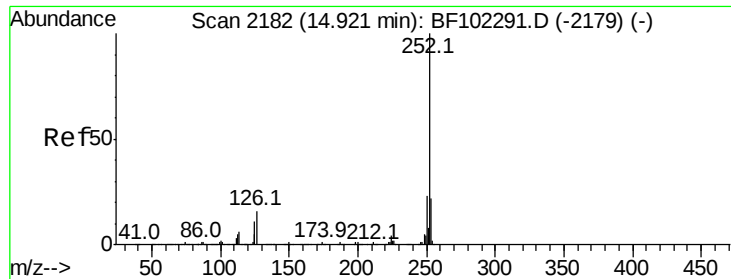


#87
Benzo(b)fluoranthene
Concen: 3.029 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF102479.D
Acq: 26 Jan 2018 20:03

Tgt Ion:252 Resp: 37189

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.0	25.6#
125	40.3	9.0	13.6#





#88

Benzo(k)fluoranthene

Concen: 3.206 ng

RT: 14.91 min Scan# 2180

Delta R.T. -0.02 min

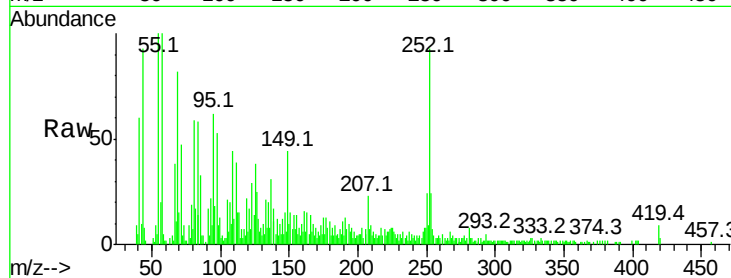
Lab File: BF102479.D

Acq: 26 Jan 2018 20:03

Instrument :

BNA_F

ClientSampleId :



Tot Ion:252 Resp: 37189

Ion Ratio Lower Upper

252 100

253 26.2 17.9 26.9

125 40.3 10.2 15.2#

