

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072919\
 Data File : BF115833.D
 Acq On : 29 Jul 2019 15:48
 Operator : HP/JU
 Sample : K4036-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 29 16:38:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

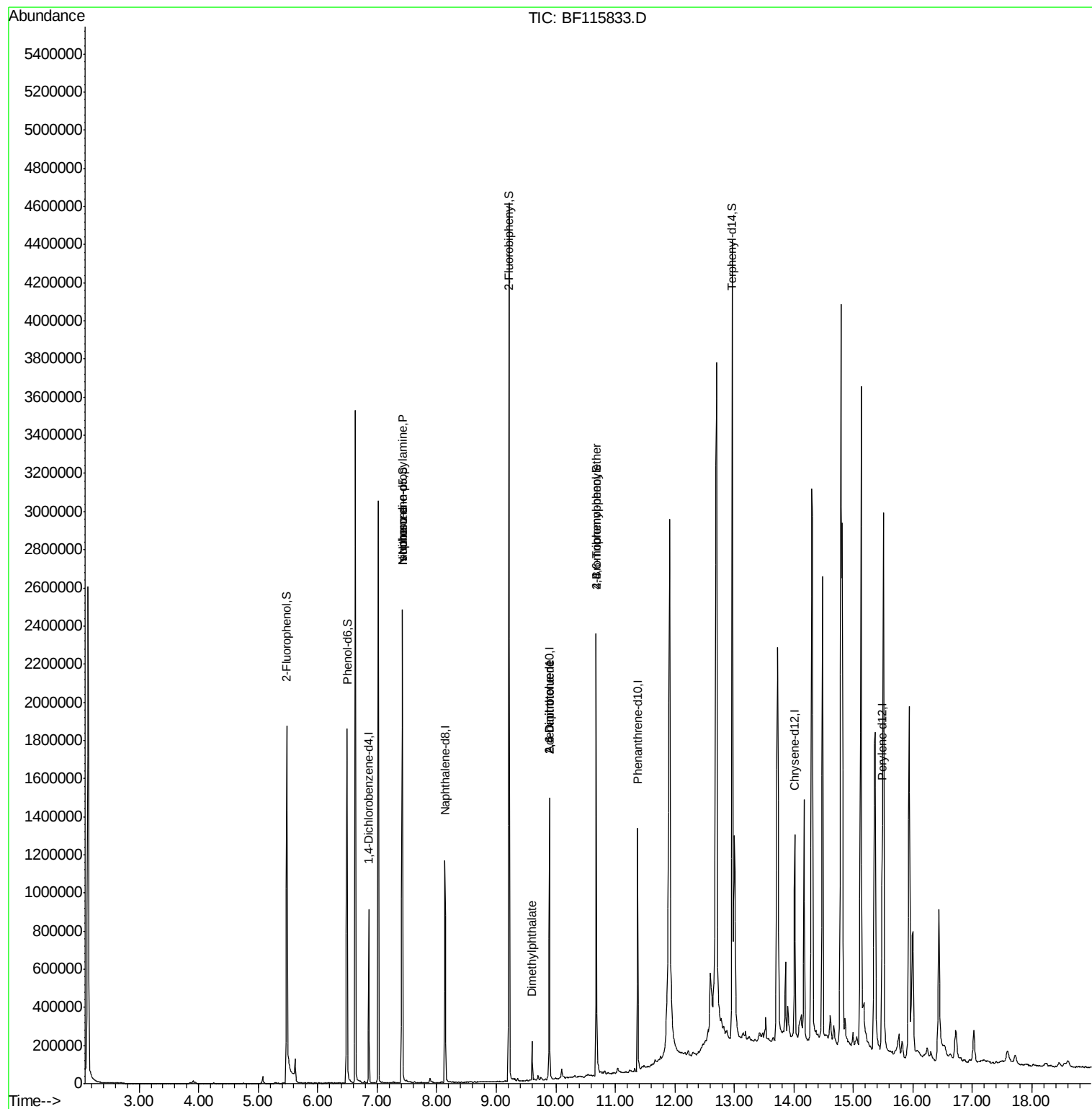
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	135476	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	511988	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	272921	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	479303	20.00	ng	-0.02
76) Chrysene-d12	14.02	240	332301	20.00	ng	-0.02
87) Perylene-d12	15.48	264	309551	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	670154	80.91	ng	-0.01
7) Phenol-d6	6.49	99	690972	65.75	ng	-0.01
23) Nitrobenzene-d5	7.42	82	841042	95.52	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	298282	93.63	ng	-0.02
45) 2-Fluorobiphenyl	9.22	172	1442359	92.50	ng	-0.02
79) Terphenyl-d14	12.96	244	1574207	87.41	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	111872	16.322	ng	# 79
25) Isophorone	7.42	82	841032	47.734	ng	# 65
50) Dimethylphthalate	9.60	163	73767	3.592	ng	# 99
51) 2,6-Dinitrotoluene	9.89	165	35245	7.553	ng	# 25
57) 2,4-Dinitrotoluene	9.89	165	35245	5.830	ng	# 24
67) 4-Bromophenyl-phenylether	10.68	248	18165	3.316	ng	# 1

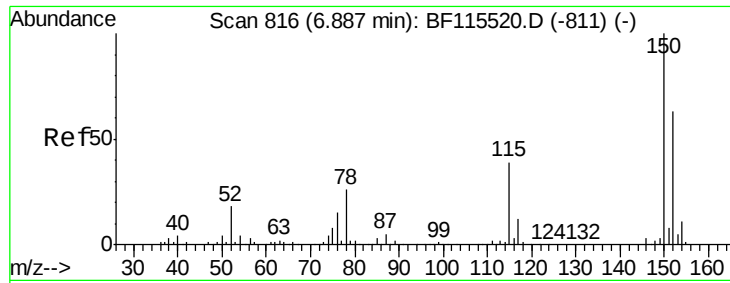
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072919\
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BNA_F
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Quant Time: Jul 29 16:38:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration



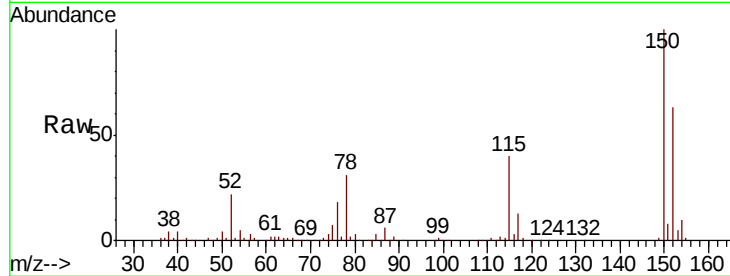


#1

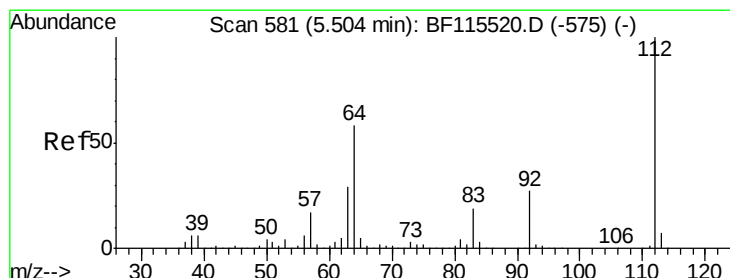
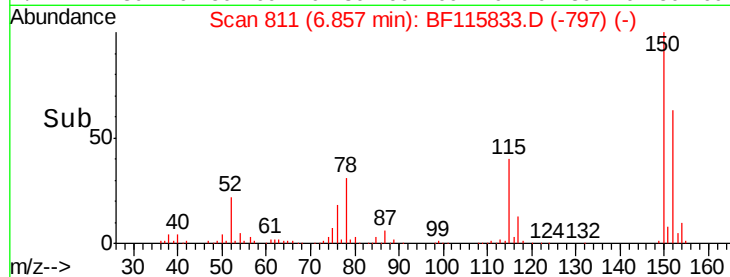
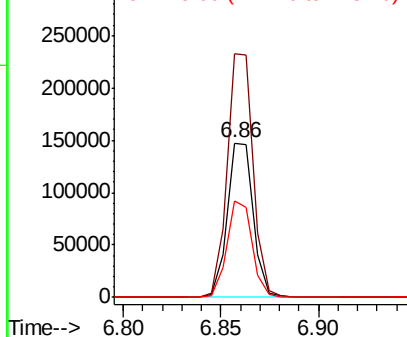
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF115833.D
Acq: 29 Jul 2019 15:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 135476
Ion Ratio Lower Upper
152 100
150 157.5 126.6 189.8
115 62.5 47.8 71.6



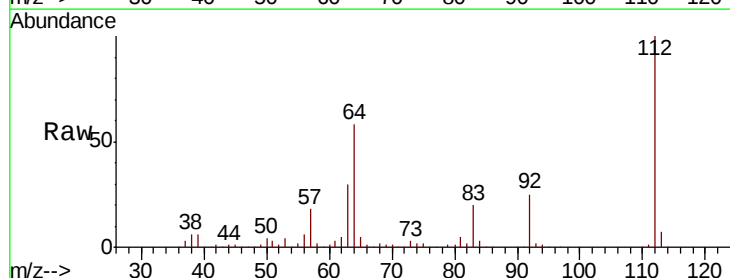
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



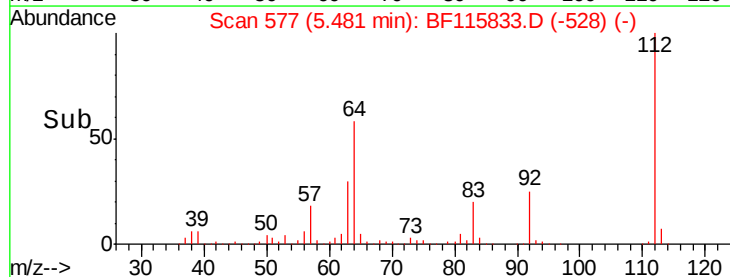
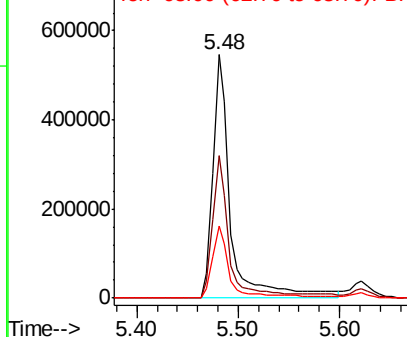
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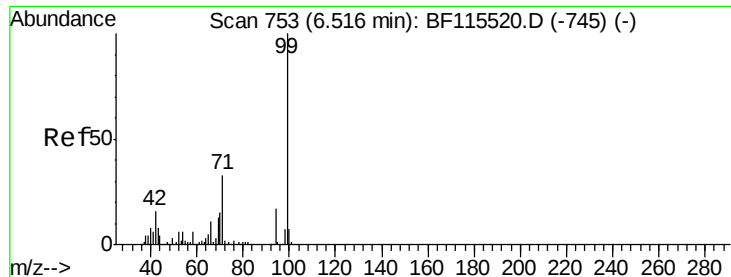
2-Fluorophenol
Concen: 80.913 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.01 min
Lab File: BF115833.D
Acq: 29 Jul 2019 15:48

Tgt Ion:112 Resp: 670154
Ion Ratio Lower Upper
112 100
64 58.3 45.8 68.8
63 29.5 23.6 35.4



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: 65.748 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF115833.D

Acq: 29 Jul 2019 15:48

Instrument :

BNA_F

ClientSampleId :

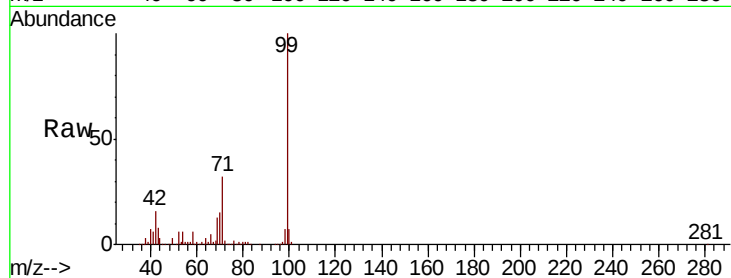
Tot Ion: 99 Resp: 690972

Ion Ratio Lower Upper

99 100

42 16.1 13.4 20.2

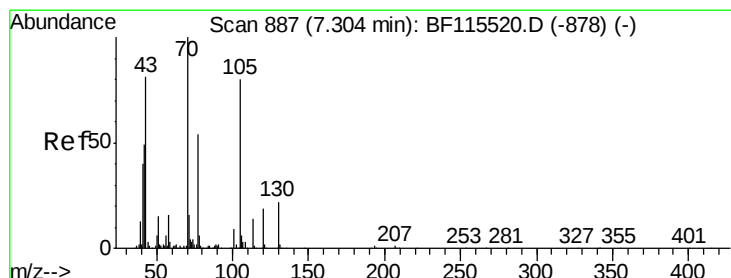
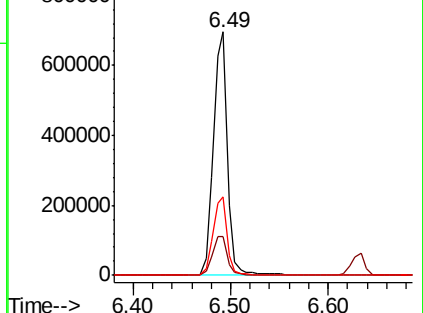
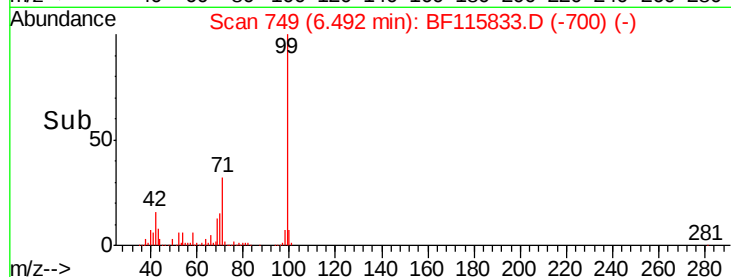
71 32.1 26.7 40.1



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: 16.322 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.14 min

Lab File: BF115833.D

Acq: 29 Jul 2019 15:48

Tgt Ion: 70 Resp: 111872

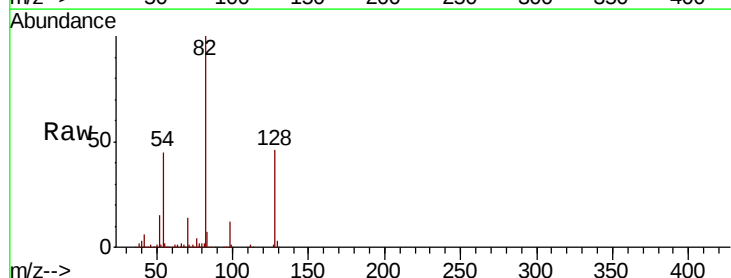
Ion Ratio Lower Upper

70 100

42 43.7 41.8 62.8

101 0.0 7.6 11.4#

130 2.2 16.9 25.3#

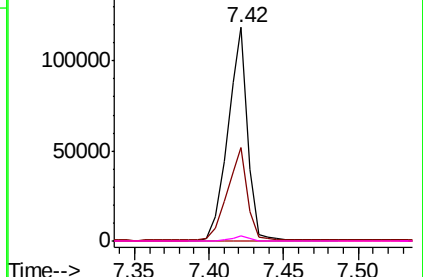
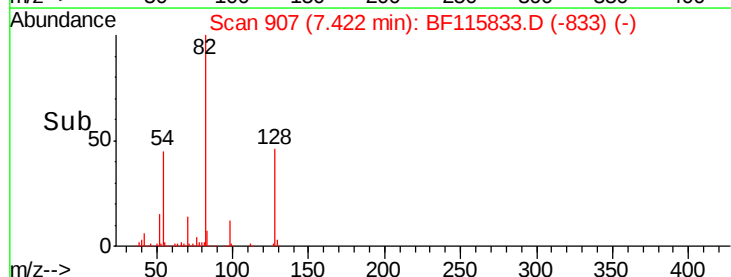


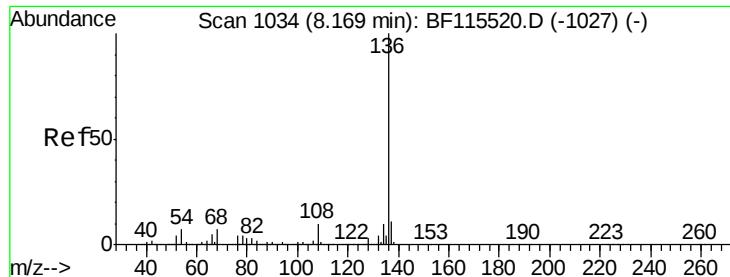
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

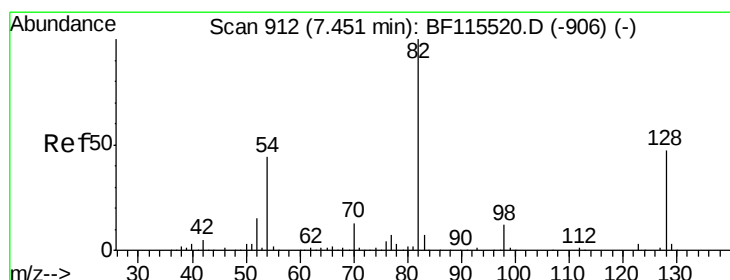
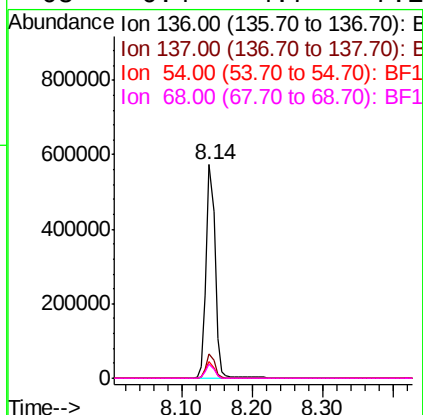
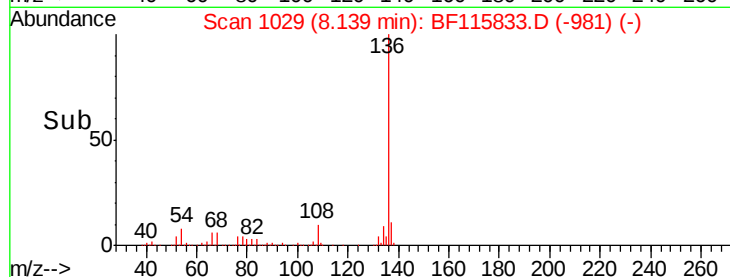
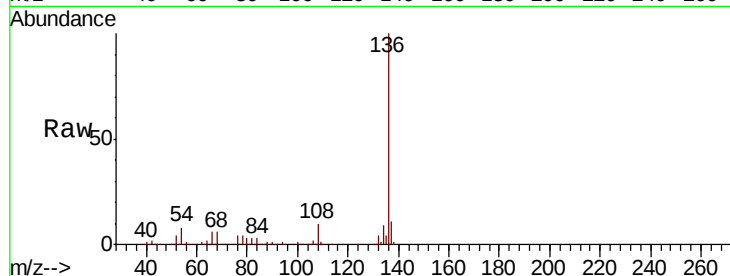




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF115833.D
Acq: 29 Jul 2019 15:48

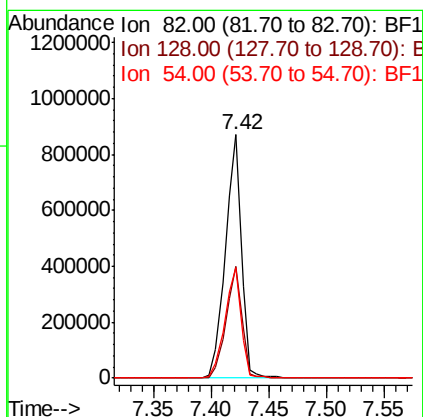
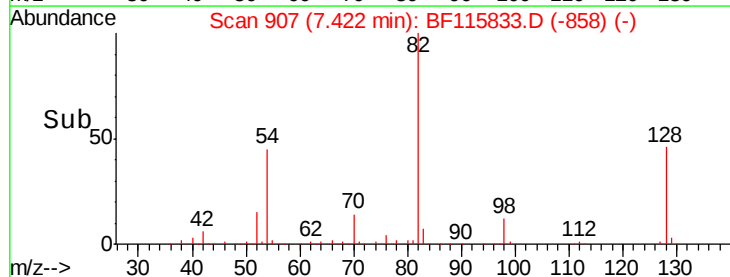
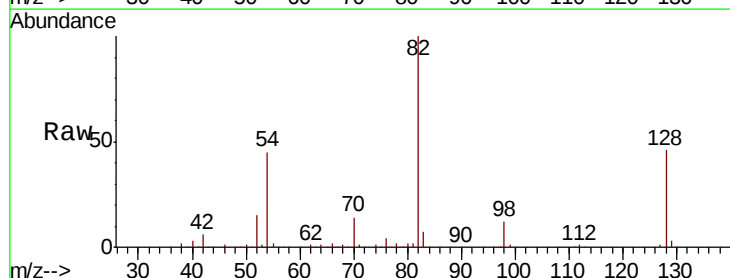
Instrument :
BNA_F
ClientSampleId :

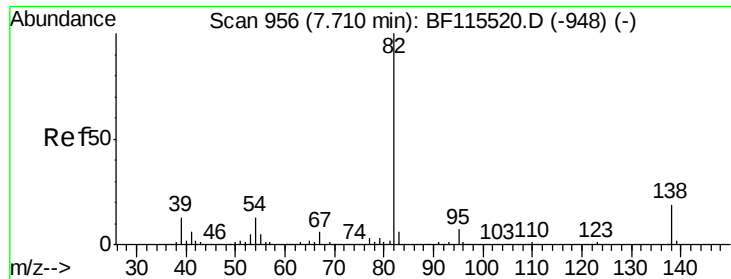
Tot Ion:136	Resp:	511988	
Ion Ratio	Lower	Upper	
136 100			
137 11.5	8.7	13.1	
54 7.6	5.0	7.6#	
68 6.4	4.7	7.1	



#23
Nitrobenzene-d5
Concen: 95.517 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF115833.D
Acq: 29 Jul 2019 15:48

Tgt Ion: 82	Resp: 841042
Ion Ratio	Lower Upper
82 100	
128 46.1	36.6 55.0
54 45.2	36.6 54.8

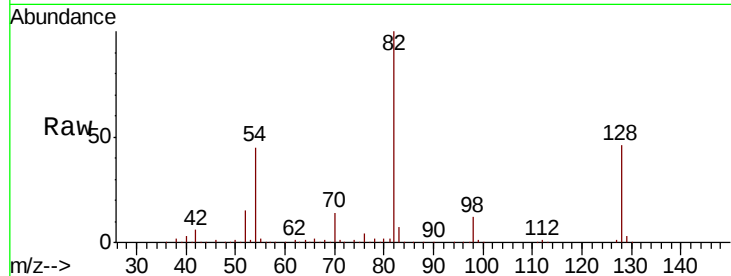




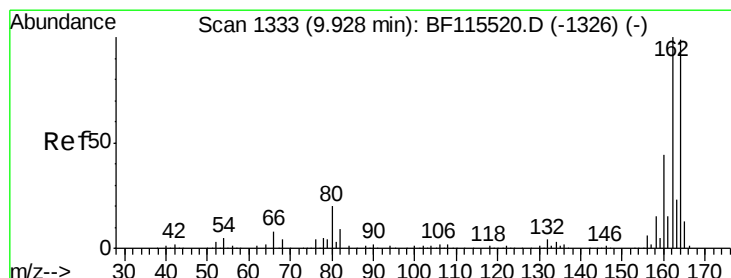
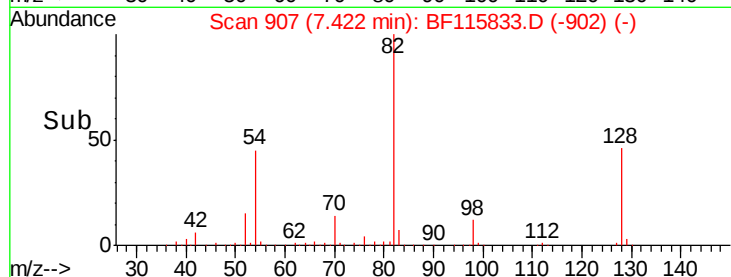
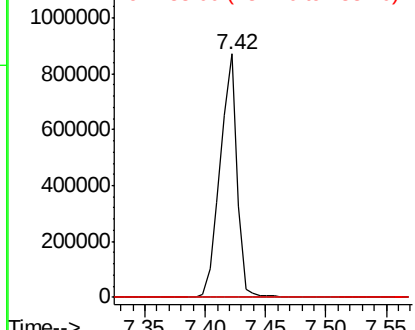
#25
Isophorone
Concen: 47.734 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.27 min
Lab File: BF115833.D
Acq: 29 Jul 2019 15:48

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 841032
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.2 21.4#

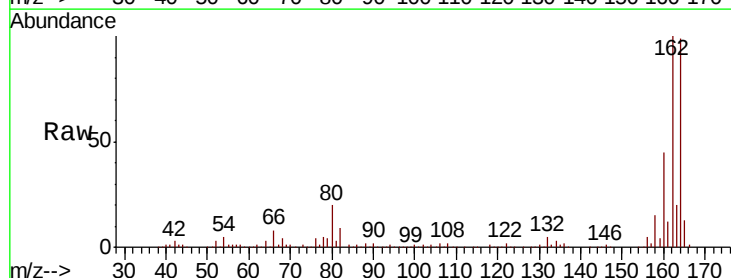


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E

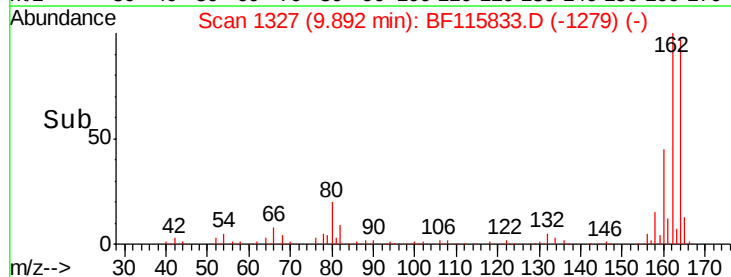
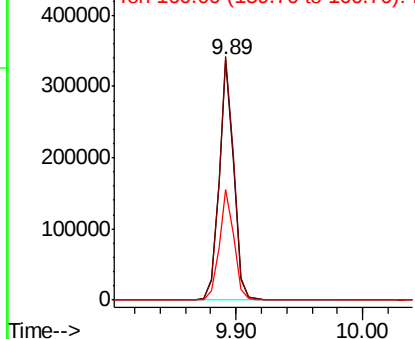


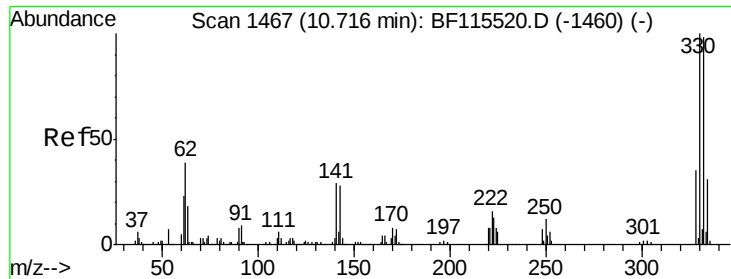
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.02 min
Lab File: BF115833.D
Acq: 29 Jul 2019 15:48

Tgt Ion:164 Resp: 272921
Ion Ratio Lower Upper
164 100
162 101.4 81.8 122.6
160 45.9 37.5 56.3



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





#42

2,4,6-Tribromophenol

Concen: 93.633 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.02 min

Lab File: BF115833.D

Acq: 29 Jul 2019 15:48

Instrument :

BNA_F

ClientSampleId :

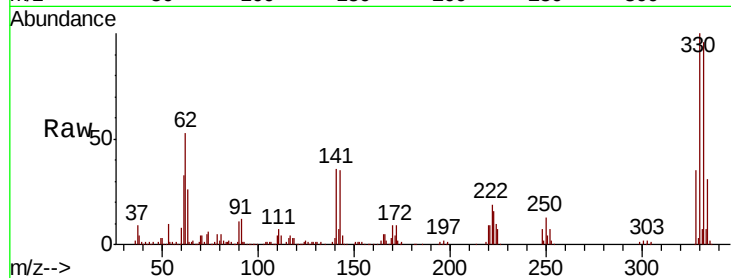
Tot Ion:330 Resp: 298282

Ion Ratio Lower Upper

330 100

332 96.9 76.1 114.1

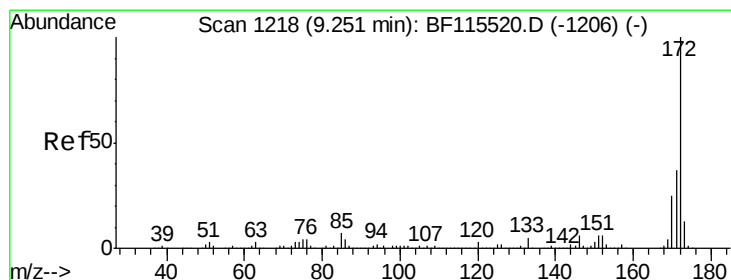
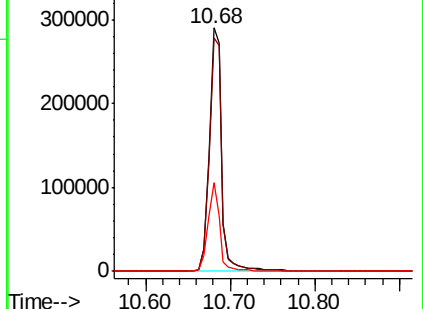
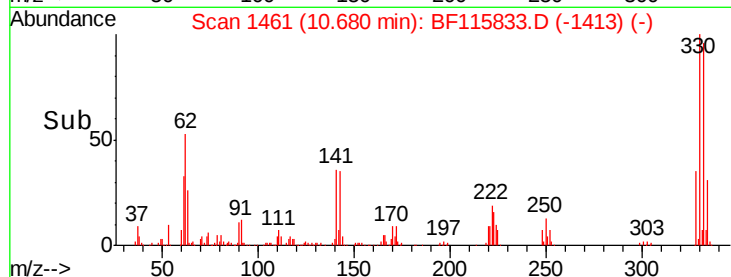
141 34.4 25.9 38.9



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



#45

2-Fluorobiphenyl

Concen: 92.501 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.02 min

Lab File: BF115833.D

Acq: 29 Jul 2019 15:48

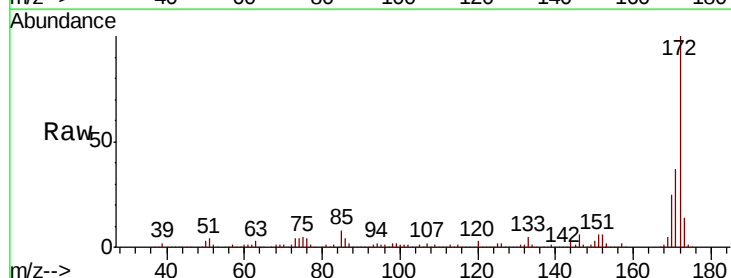
Tgt Ion:172 Resp: 1442359

Ion Ratio Lower Upper

172 100

171 37.0 29.0 43.4

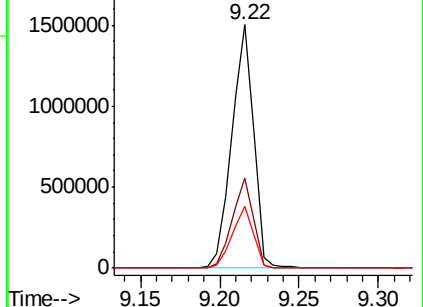
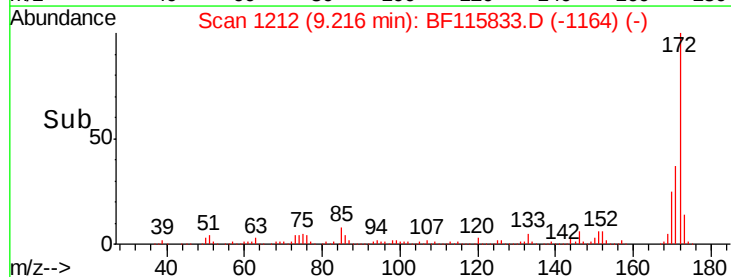
170 25.4 20.1 30.1

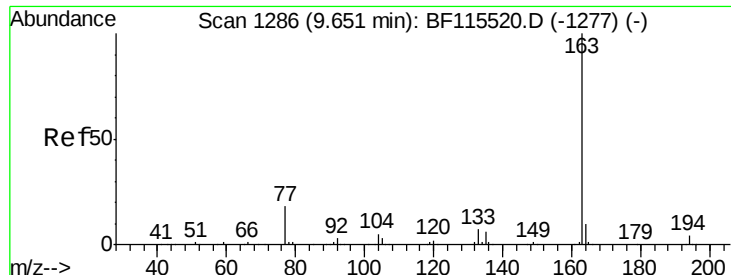


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

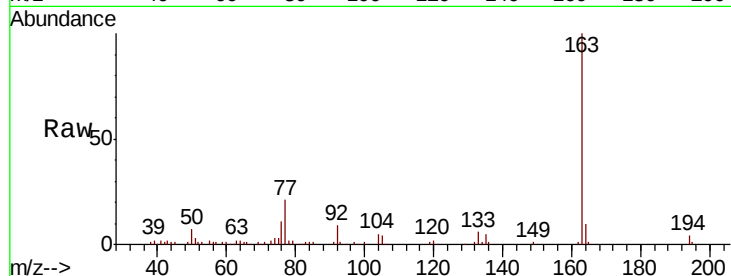




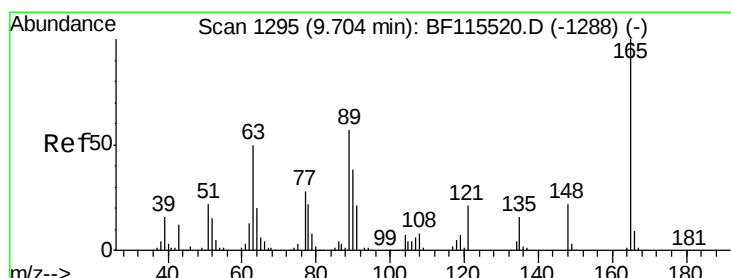
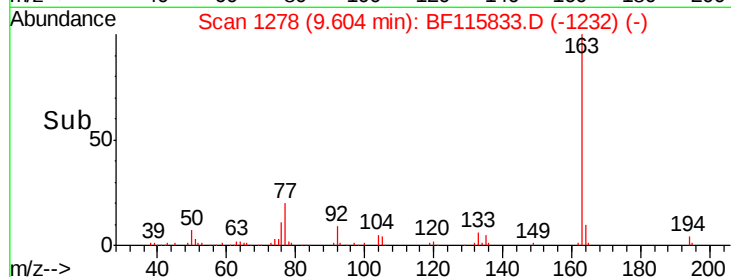
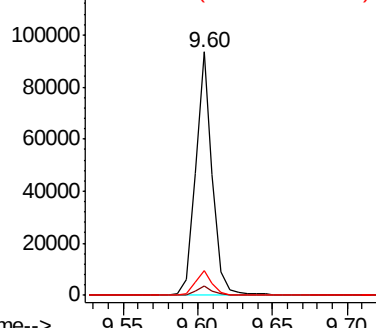
#50
Dimethylphthalate
Concen: 3.592 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.03 min
Lab File: BF115833.D
Acq: 29 Jul 2019 15:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 73767
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.9 8.3 12.5

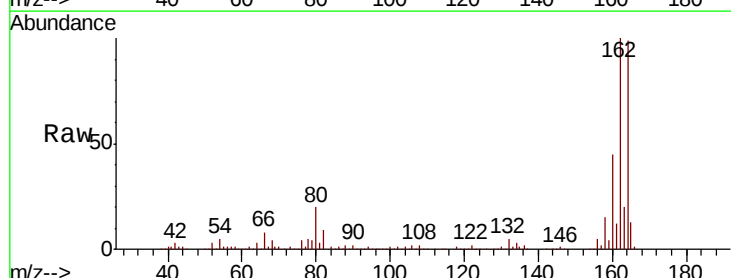


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

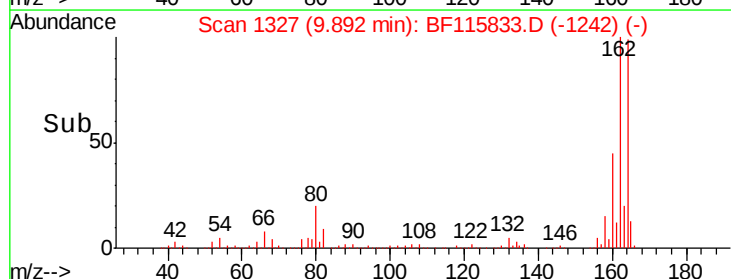
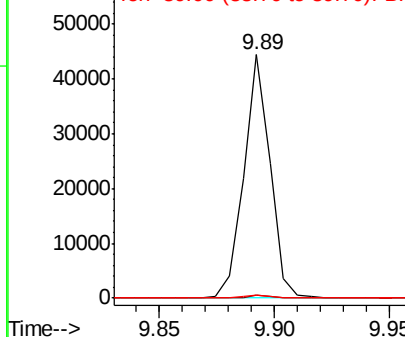


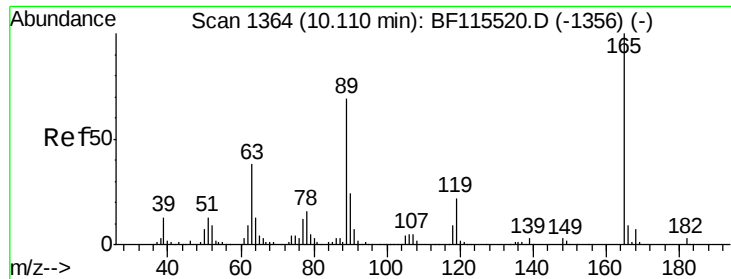
#51
2,6-Dinitrotoluene
Concen: 7.553 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.20 min
Lab File: BF115833.D
Acq: 29 Jul 2019 15:48

Tgt Ion:165 Resp: 35245
Ion Ratio Lower Upper
165 100
63 1.0 43.5 65.3#
89 1.5 46.3 69.5#



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

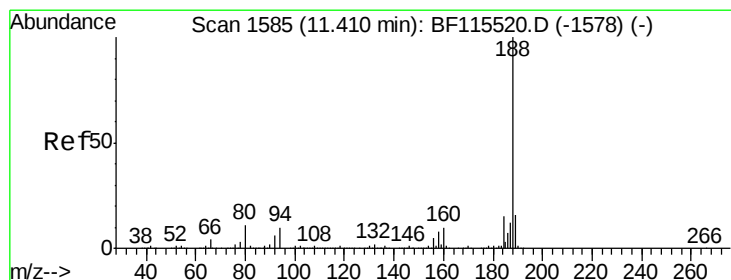
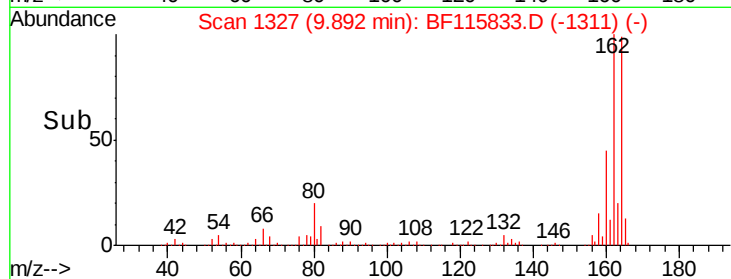
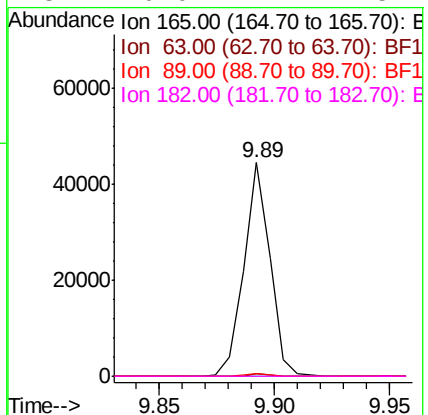
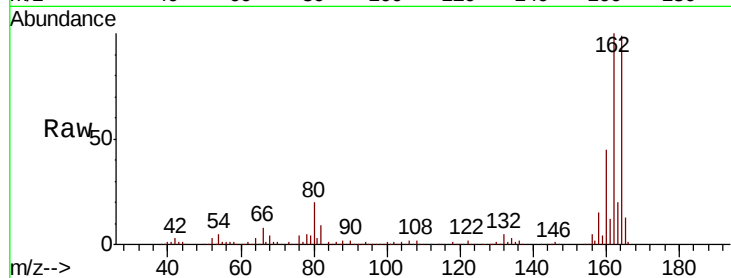




#57
2,4-Dinitrotoluene
Concen: 5.830 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.21 min
Lab File: BF115833.D
Acq: 29 Jul 2019 15:48

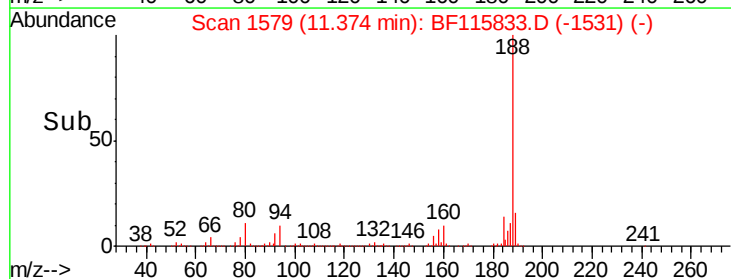
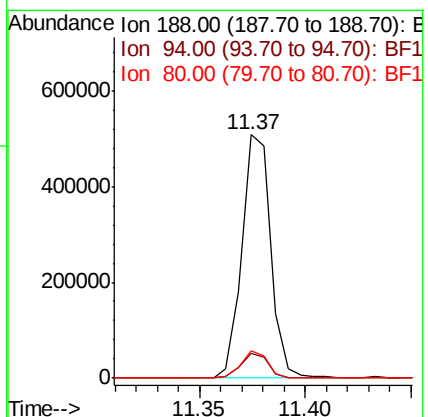
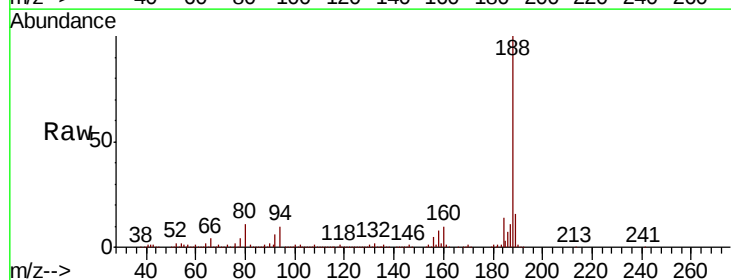
Instrument :
BNA_F
ClientSampleId :

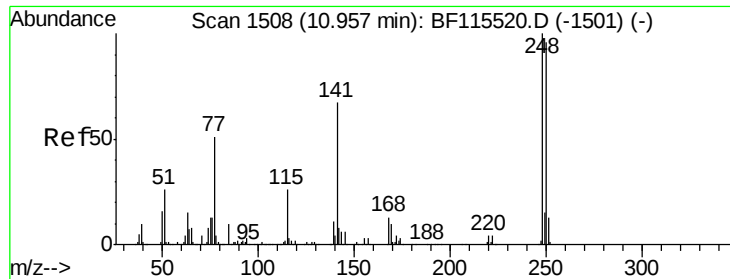
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	33.4	50.2#
89	1.5	57.3	85.9#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF115833.D
Acq: 29 Jul 2019 15:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.2	12.2
80	11.3	9.0	13.6

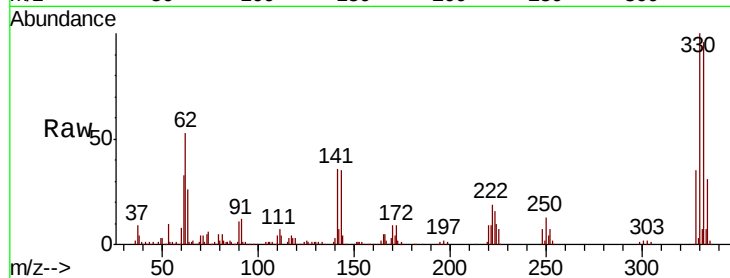




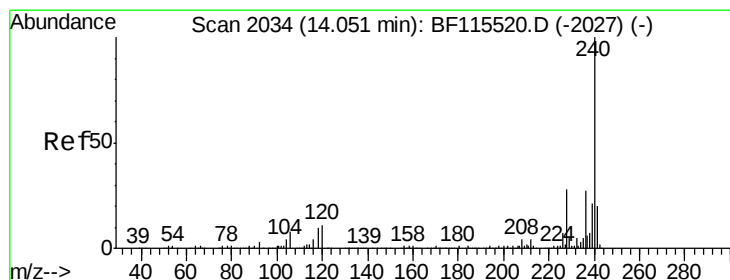
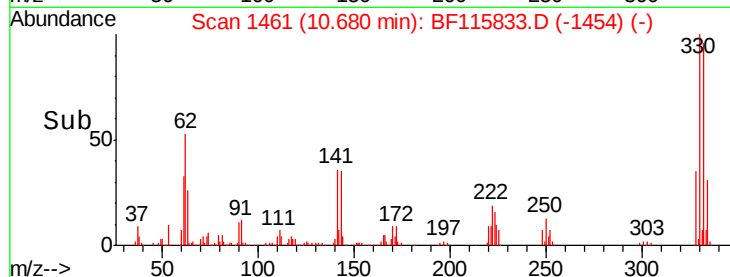
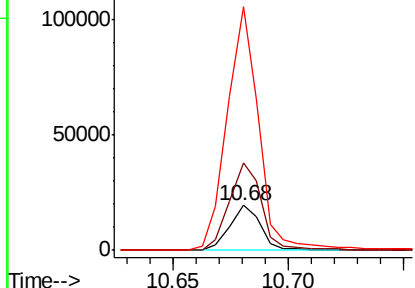
#67
4-Bromophenyl-phenylether
Concen: 3.316 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.26 min
Lab File: BF115833.D
Acq: 29 Jul 2019 15:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 18165
Ion Ratio Lower Upper
248 100
250 194.3 77.0 115.4#
141 544.6 52.1 78.1#

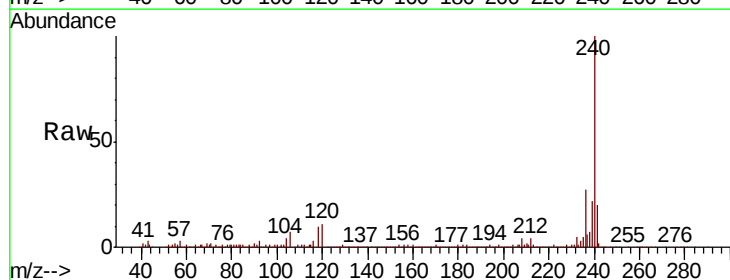


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

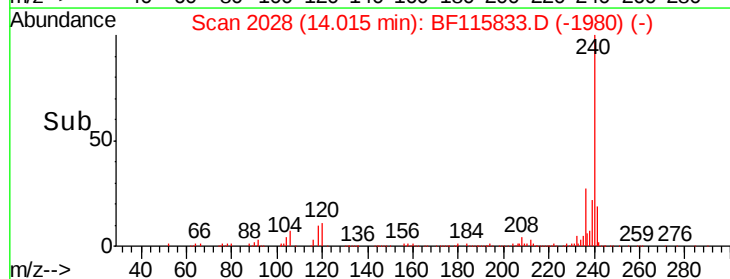
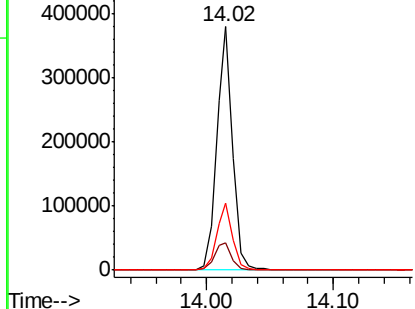


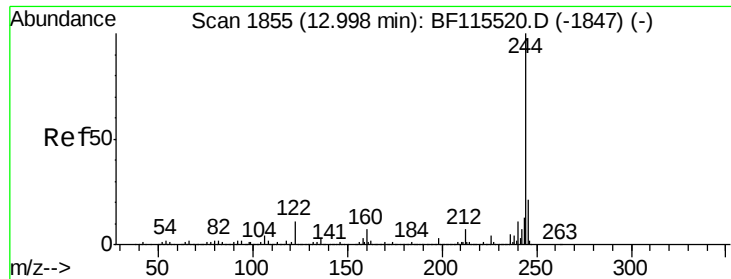
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF115833.D
Acq: 29 Jul 2019 15:48

Tgt Ion:240 Resp: 332301
Ion Ratio Lower Upper
240 100
120 11.0 10.0 15.0
236 27.5 21.8 32.6



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

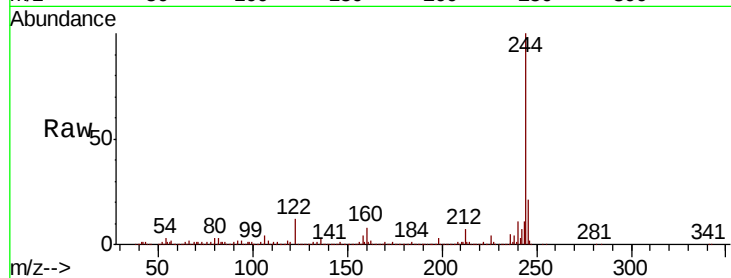




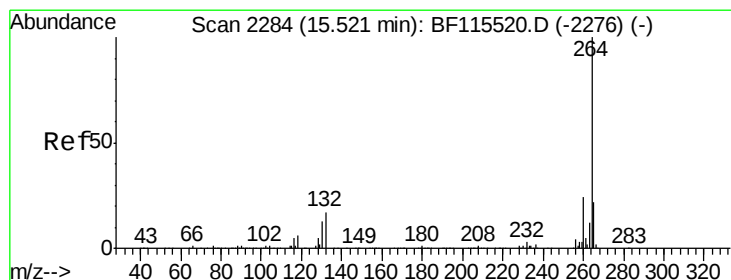
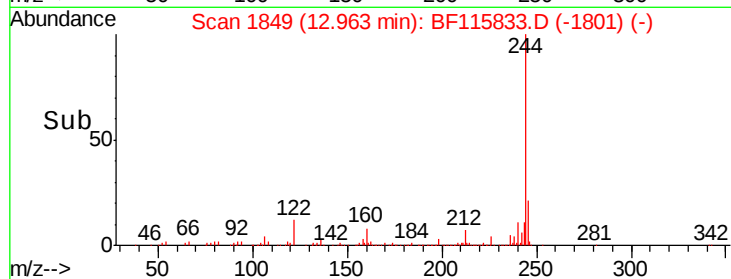
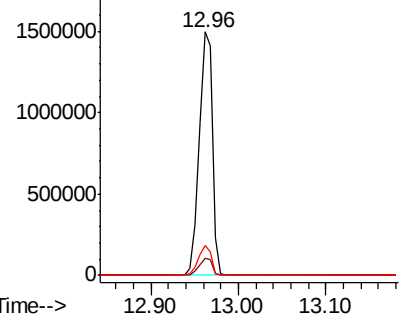
#79
 Terphenyl-d14
 Concen: 87.411 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.02 min
 Lab File: BF115833.D
 Acq: 29 Jul 2019 15:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1574207
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 12.3 8.2 12.4

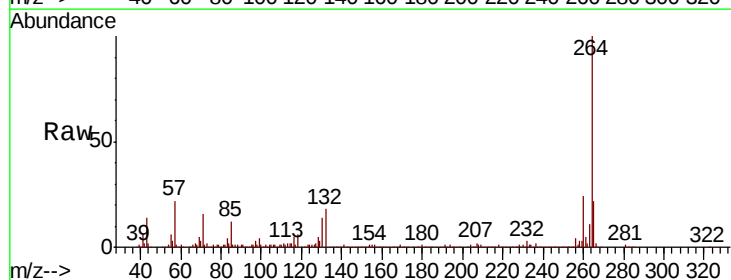


Abundance Ion 244.00 (243.70 to 244.70): E
 2000000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. -0.02 min
 Lab File: BF115833.D
 Acq: 29 Jul 2019 15:48

Tgt Ion:264 Resp: 309551
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.8 29.6
 265 21.8 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 300000 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

