

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072319\
 Data File : BF115726.D
 Acq On : 23 Jul 2019 18:37
 Operator : HP/JU
 Sample : K3617-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-071919-A

Quant Time: Jul 24 04:56:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

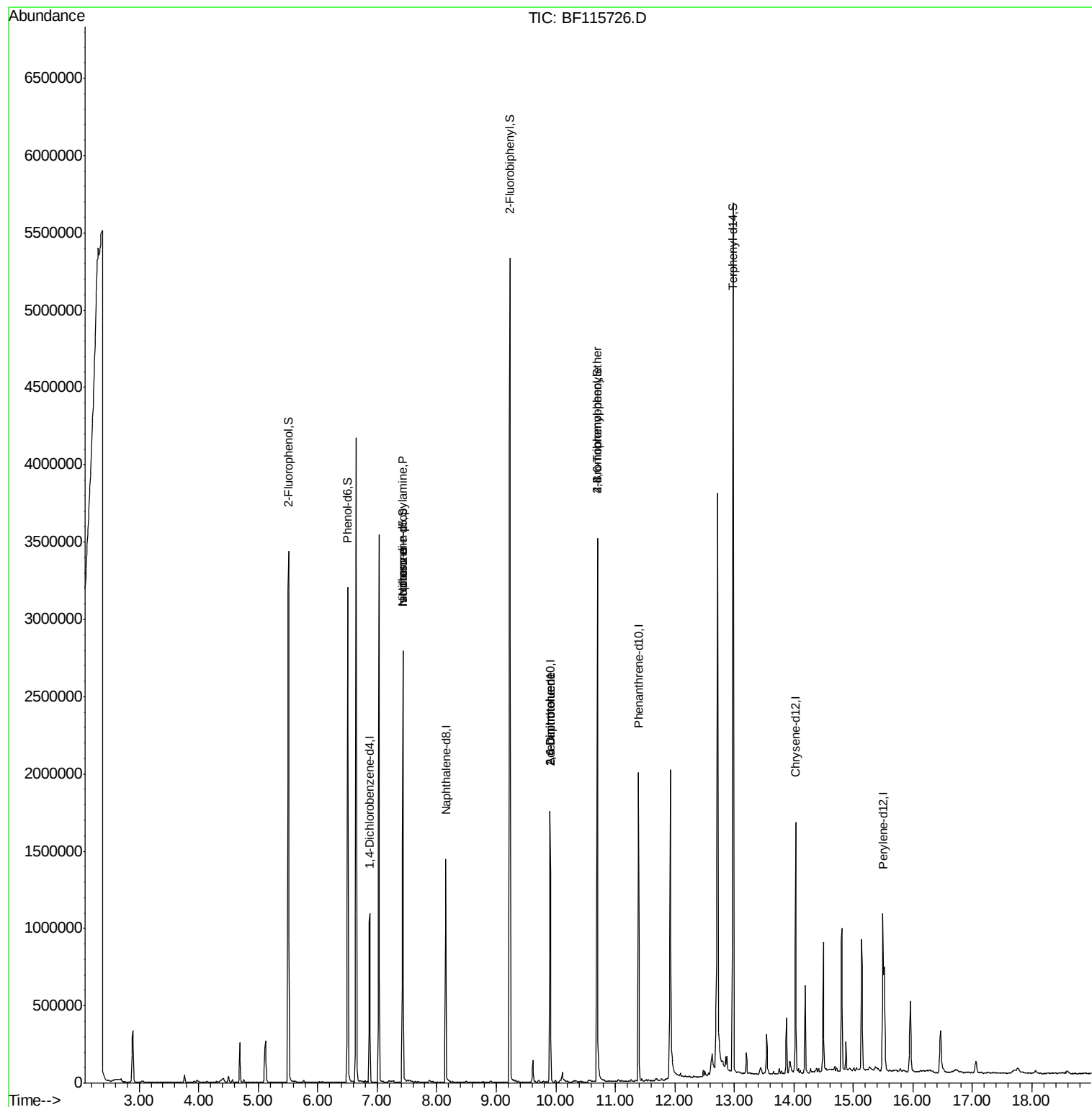
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	167169	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	627841	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	358565	20.00	ng	-0.02
64) Phenanthrene-d10	11.39	188	673794	20.00	ng	-0.02
76) Chrysene-d12	14.03	240	525758	20.00	ng	-0.02
87) Perylene-d12	15.50	264	469696	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1101517	107.78	ng	0.00
7) Phenol-d6	6.50	99	1282366	98.89	ng	-0.01
23) Nitrobenzene-d5	7.43	82	1029038	95.30	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	530910	126.85	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	1828021	89.23	ng	-0.02
79) Terphenyl-d14	12.98	244	2374675	83.34	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	137619	16.272	ng	# 78
25) Isophorone	7.43	82	1017633	47.099	ng	# 64
51) 2,6-Dinitrotoluene	9.90	165	45949	7.495	ng	# 27
57) 2,4-Dinitrotoluene	9.90	165	45949	5.785	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	32290	4.194	ng	# 1

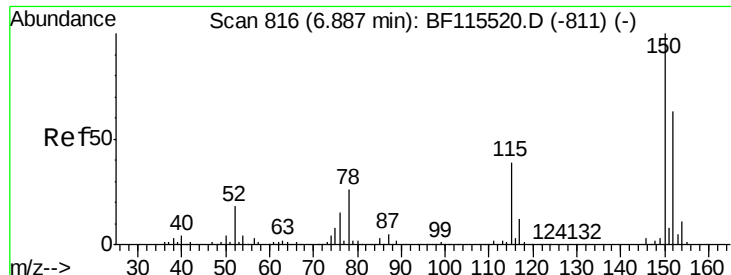
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration



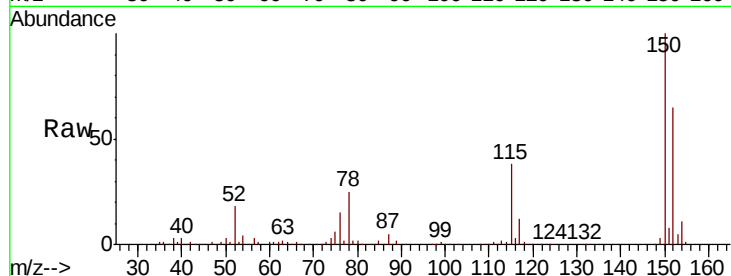


#1

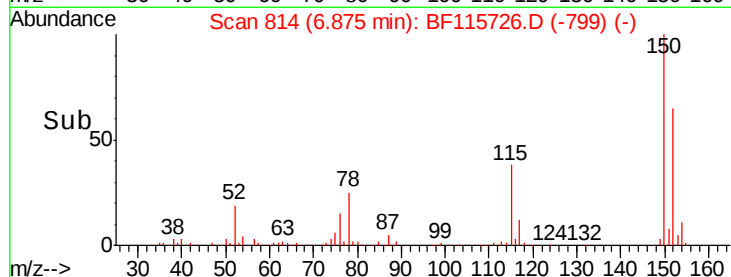
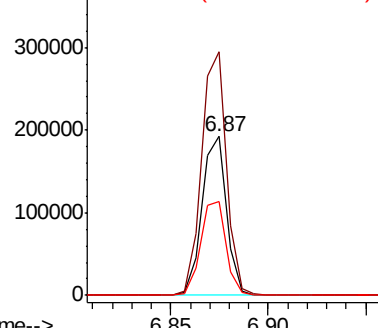
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF115726.D
Acq: 23 Jul 2019 18:37

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-A

Tgt Ion:152 Resp: 167169
Ion Ratio Lower Upper
152 100
150 153.4 129.7 194.5
115 58.9 48.2 72.4



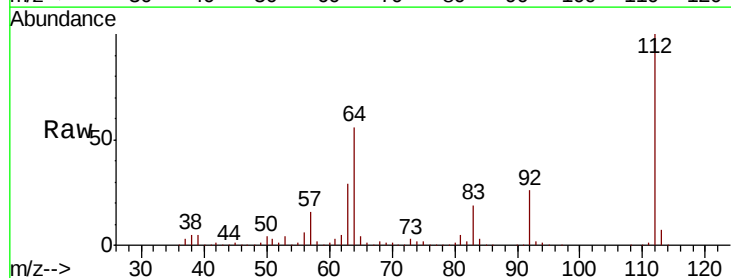
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



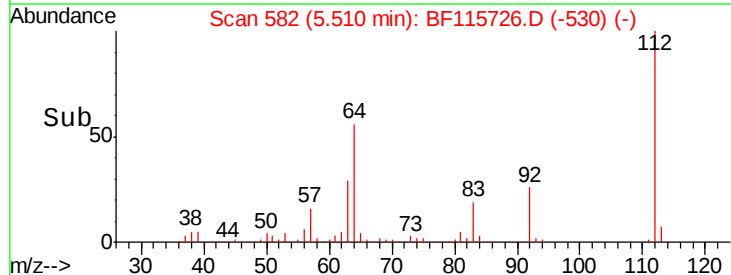
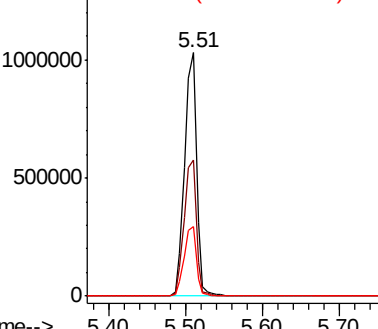
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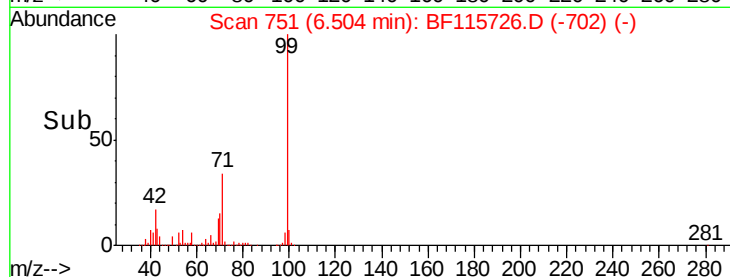
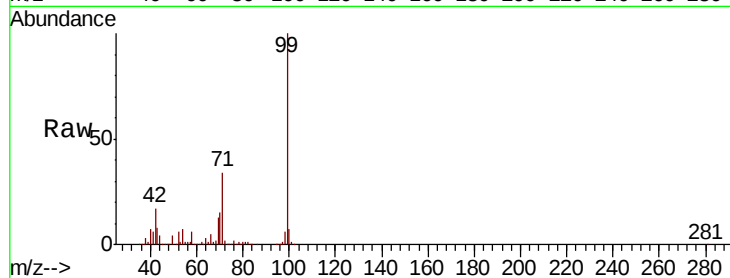
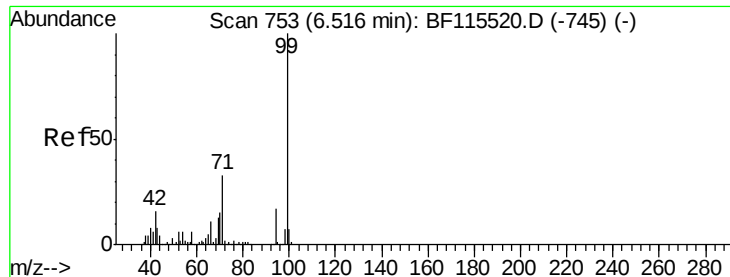
2-Fluorophenol
Concen: 107.781 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF115726.D
Acq: 23 Jul 2019 18:37

Tgt Ion:112 Resp: 1101517
Ion Ratio Lower Upper
112 100
64 55.6 46.8 70.2
63 28.6 24.1 36.1



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: 98.887 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115726.D

Acq: 23 Jul 2019 18:37

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-A

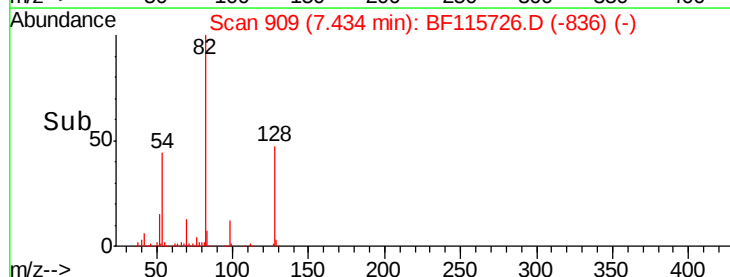
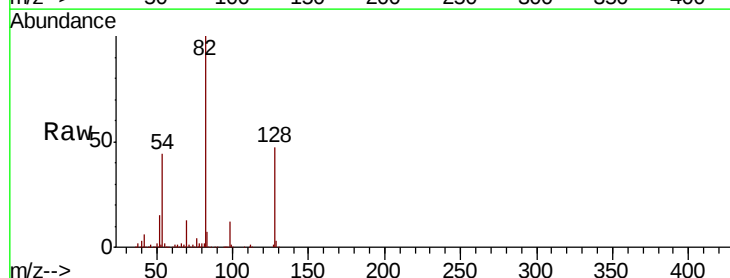
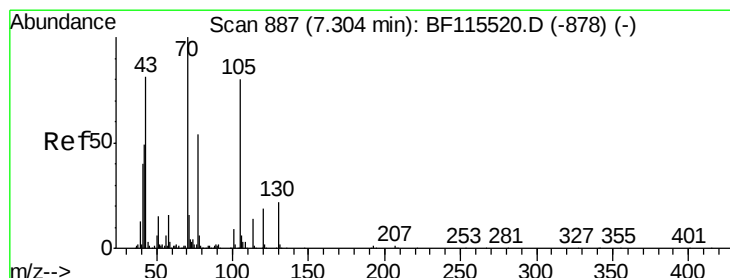
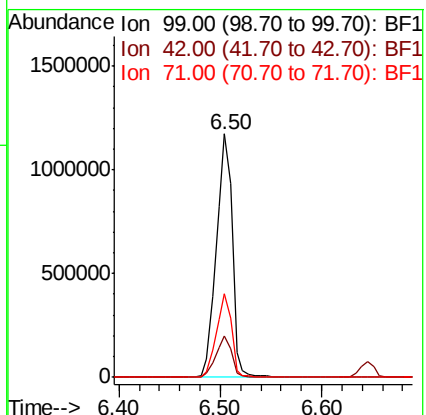
Tgt Ion: 99 Resp: 1282366

Ion Ratio Lower Upper

99 100

42 16.9 13.6 20.4

71 34.3 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 16.272 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.13 min

Lab File: BF115726.D

Acq: 23 Jul 2019 18:37

Tgt Ion: 70 Resp: 137619

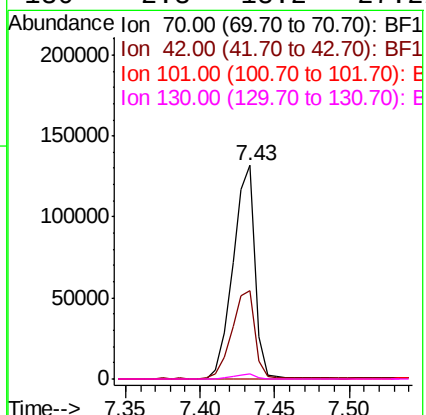
Ion Ratio Lower Upper

70 100

42 41.3 39.6 59.4

101 0.0 8.1 12.1#

130 2.3 18.2 27.2#

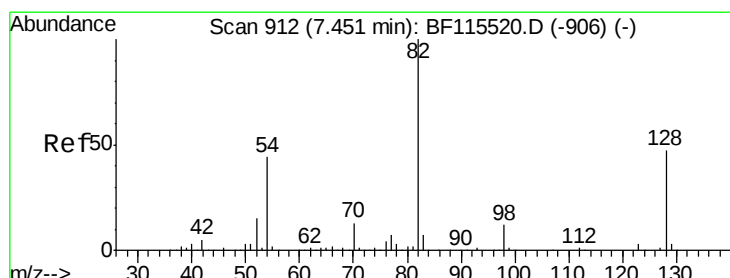
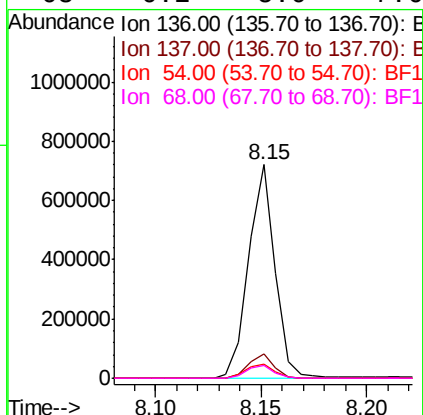
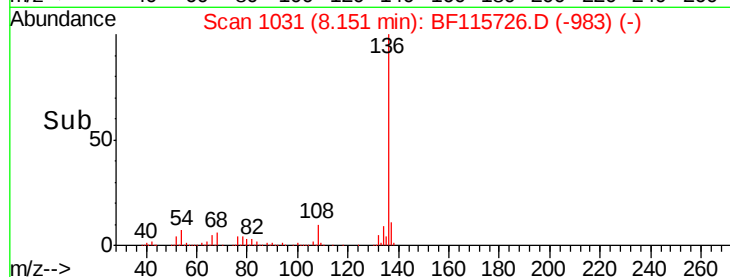
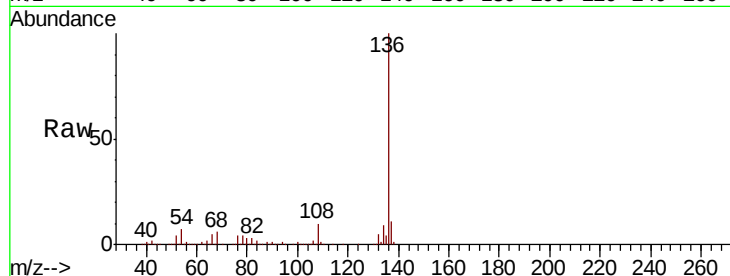




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF115726.D
Acq: 23 Jul 2019 18:37

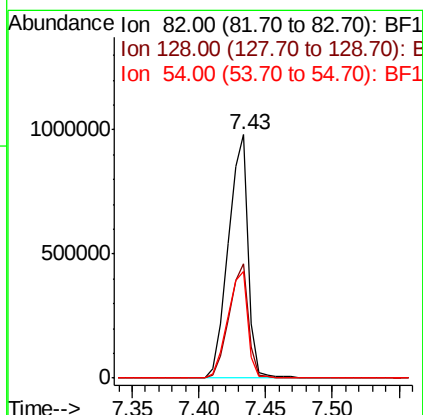
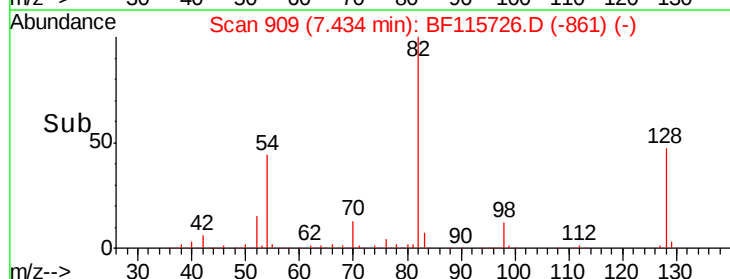
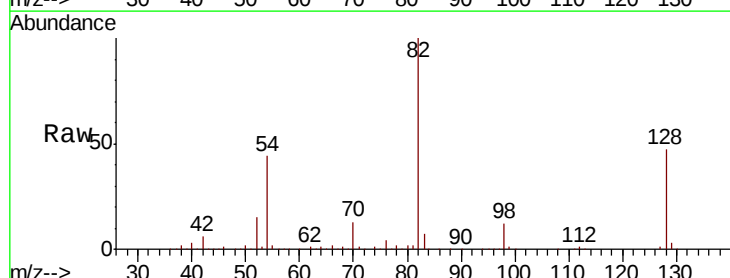
Instrument :
BNA_F
ClientSampleId :
NB-07-071919-A

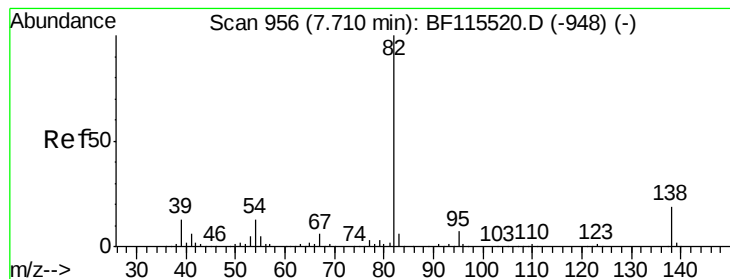
Tgt Ion:	136	Resp:	627841
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	6.9	5.6	8.4
68	6.2	5.0	7.6



#23
Nitrobenzene-d5
Concen: 95.303 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF115726.D
Acq: 23 Jul 2019 18:37

Tgt Ion:	82	Resp:	1029038
Ion	Ratio	Lower	Upper
82	100		
128	47.2	38.6	57.8
54	43.9	35.6	53.4





#25

Isophorone

Concen: 47.099 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.28 min

Lab File: BF115726.D

Acq: 23 Jul 2019 18:37

Instrument :

BNA_F

ClientSampleId :

NB-07-071919-A

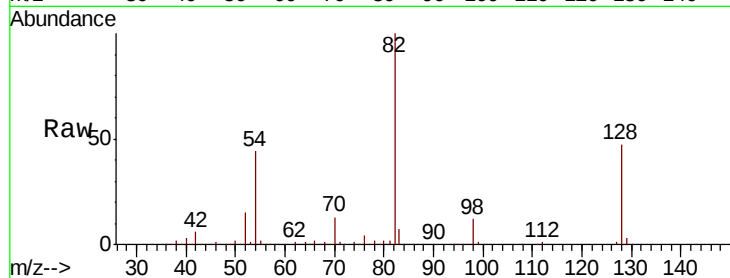
Tgt Ion: 82 Resp: 1017633

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

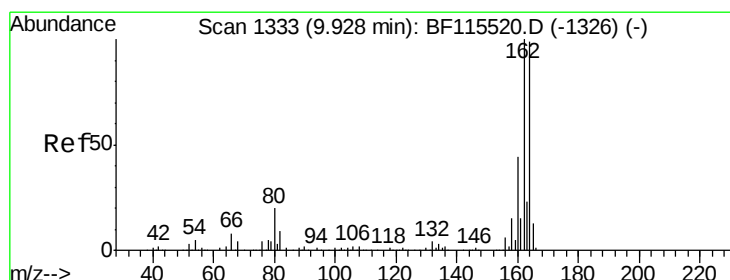
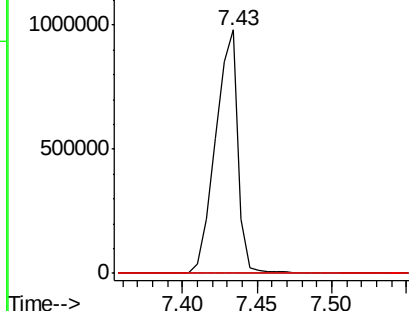
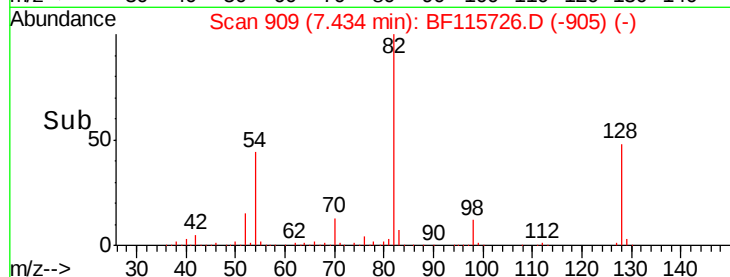
138 0.0 14.9 22.3#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF115726.D

Acq: 23 Jul 2019 18:37

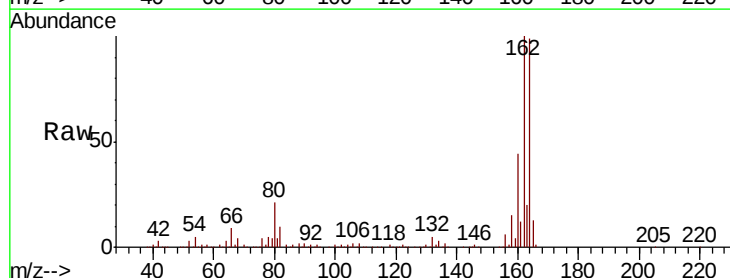
Tgt Ion: 164 Resp: 358565

Ion Ratio Lower Upper

164 100

162 101.4 82.9 124.3

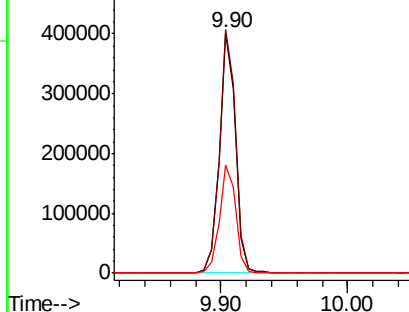
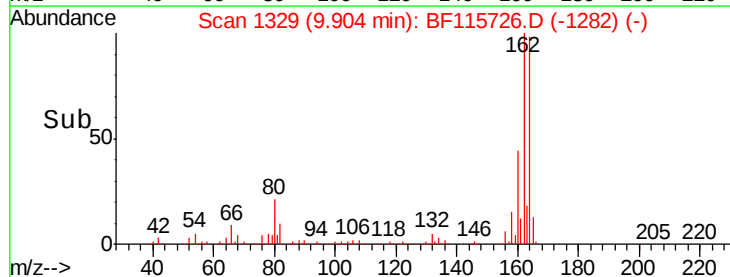
160 45.0 36.8 55.2

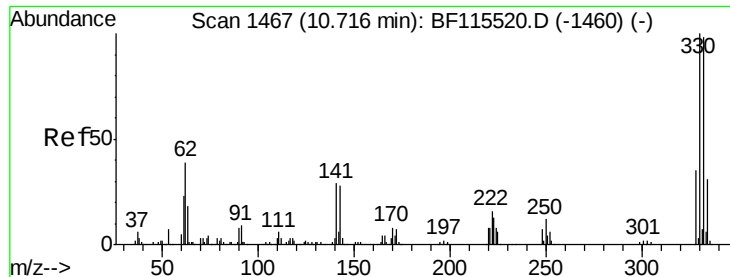


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

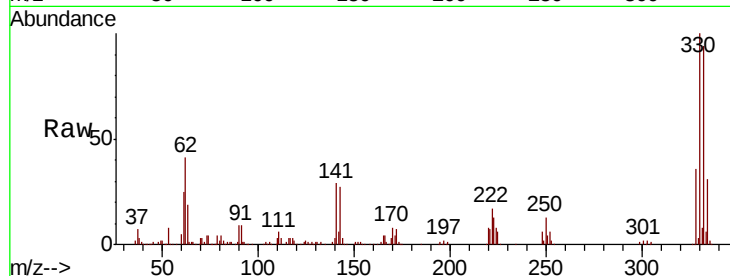




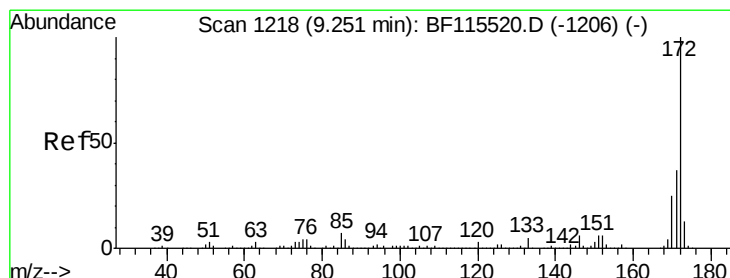
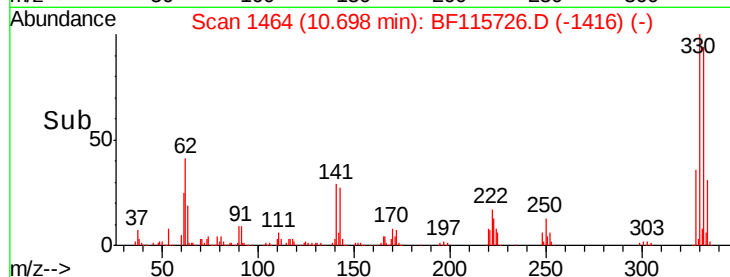
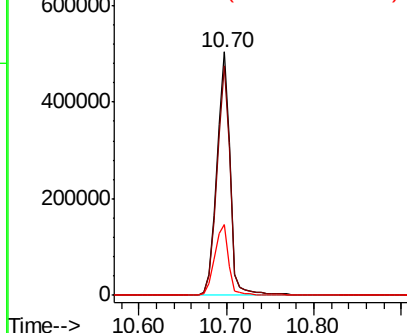
#42
 2,4,6-Tribromophenol
 Concen: 126.850 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF115726.D
 Acq: 23 Jul 2019 18:37

Instrument :
 BNA_F
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 NB-07-071919-A

Tgt Ion:330 Resp: 530910
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.4 116.2
 141 31.1 22.4 33.6

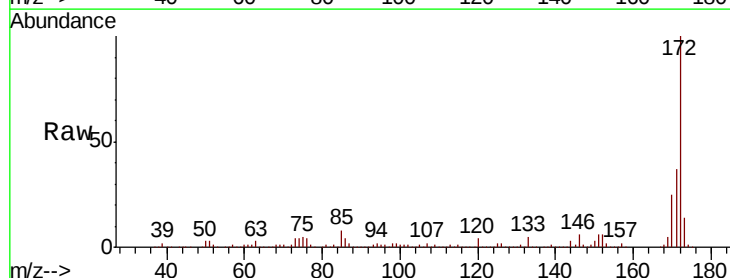


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

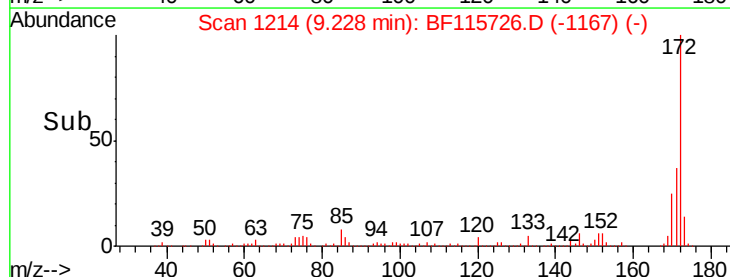
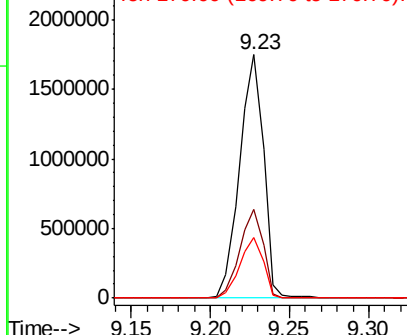


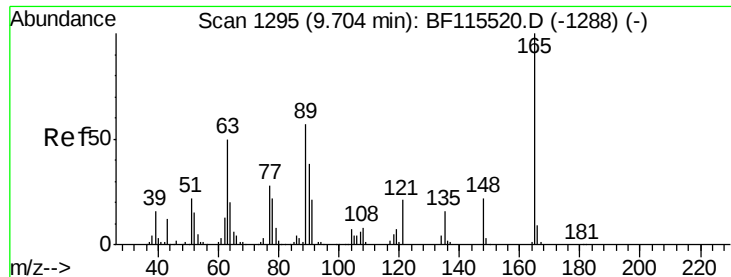
#45
 2-Fluorobiphenyl
 Concen: 89.232 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.02 min
 Lab File: BF115726.D
 Acq: 23 Jul 2019 18:37

Tgt Ion:172 Resp: 1828021
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.6 46.0
 170 25.0 20.5 30.7



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

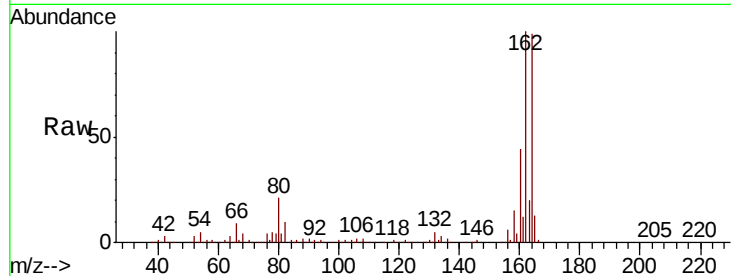




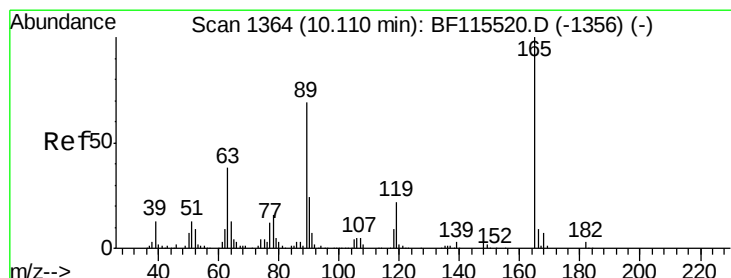
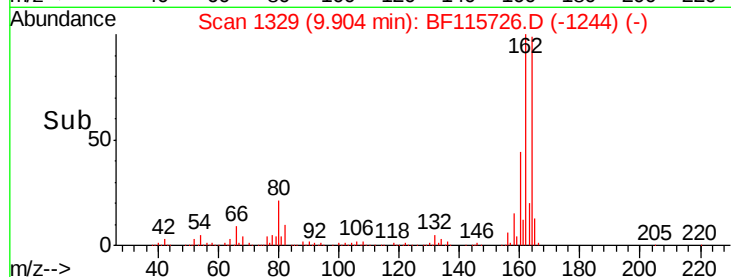
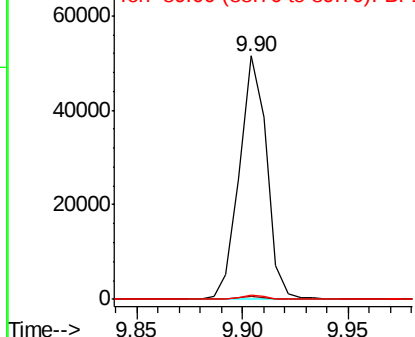
#51
 2,6-Dinitrotoluene
 Concen: 7.495 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.20 min
 Lab File: BF115726.D
 Acq: 23 Jul 2019 18:37

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-071919-A

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	40.6	61.0#
89	1.6	43.9	65.9#

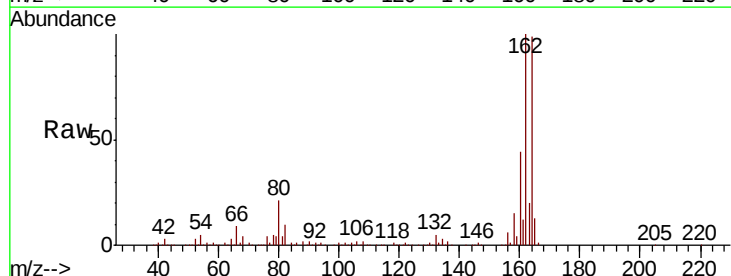


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

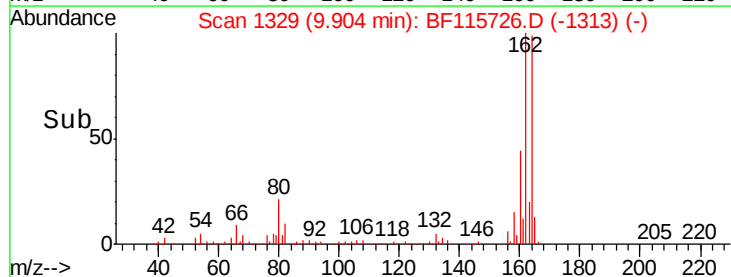
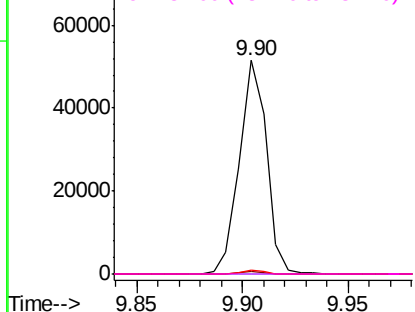


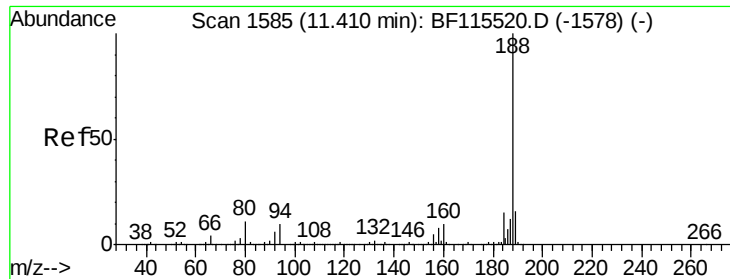
#57
 2,4-Dinitrotoluene
 Concen: 5.785 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.21 min
 Lab File: BF115726.D
 Acq: 23 Jul 2019 18:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	34.9	52.3#
89	1.6	57.5	86.3#
182	0.0	2.2	3.4#



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

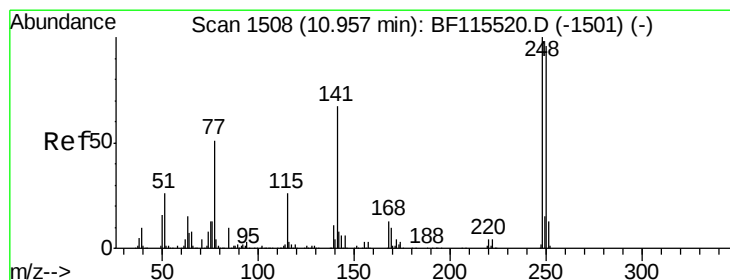
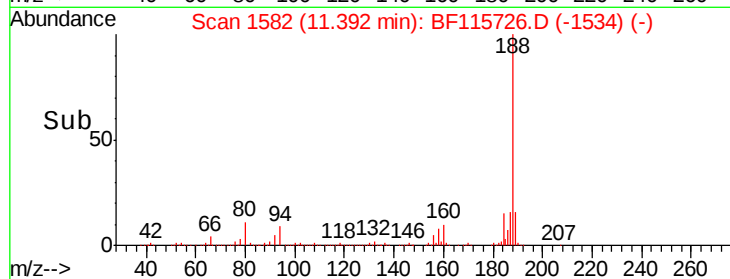
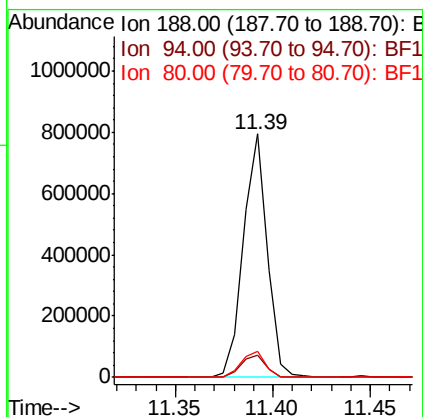
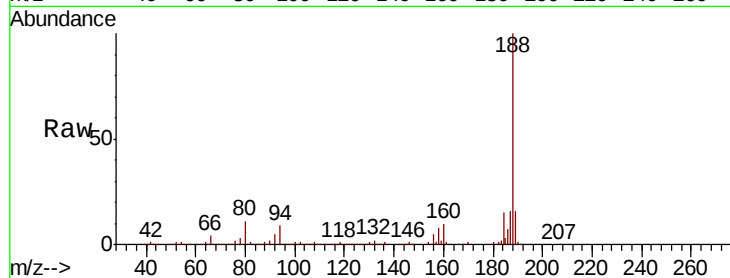




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.02 min
Lab File: BF115726.D
Acq: 23 Jul 2019 18:37

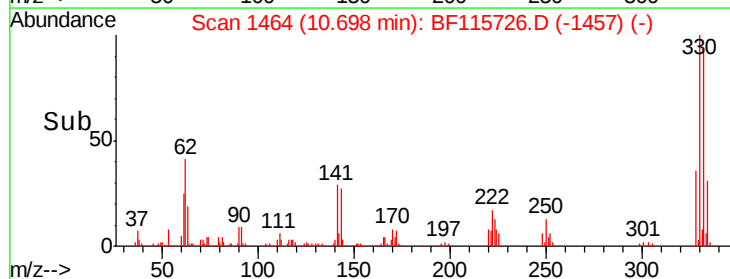
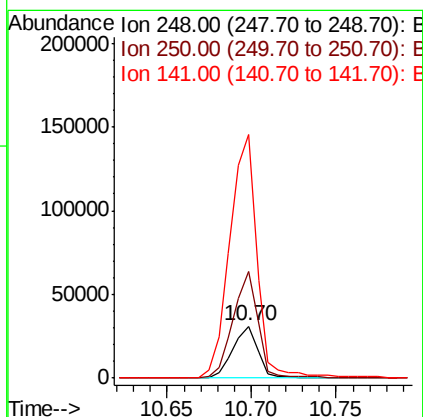
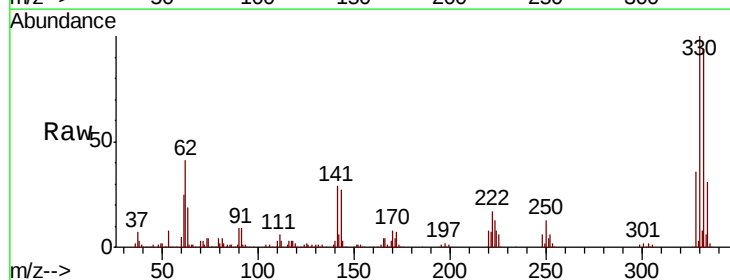
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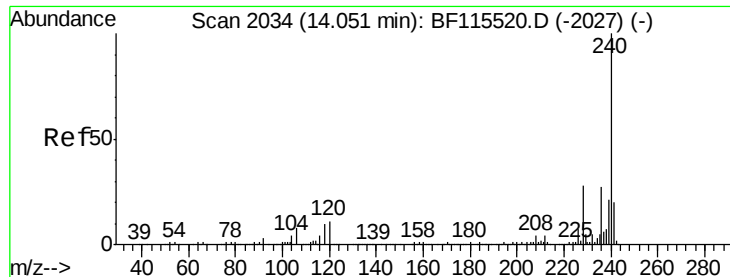
Tgt Ion:188 Resp: 673794
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.6
80 10.6 8.6 13.0



#67
4-Bromophenyl-phenylether
Concen: 4.194 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.26 min
Lab File: BF115726.D
Acq: 23 Jul 2019 18:37

Tgt Ion:248 Resp: 32290
Ion Ratio Lower Upper
248 100
250 206.7 78.0 117.0#
141 470.4 57.7 86.5#

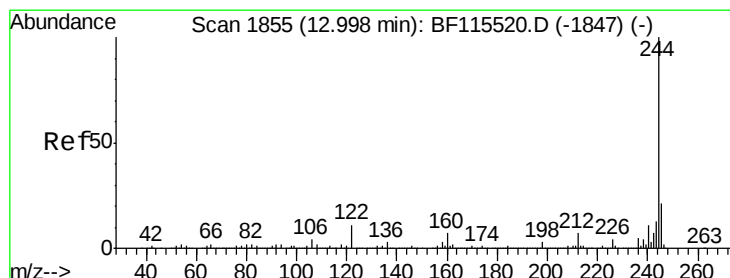
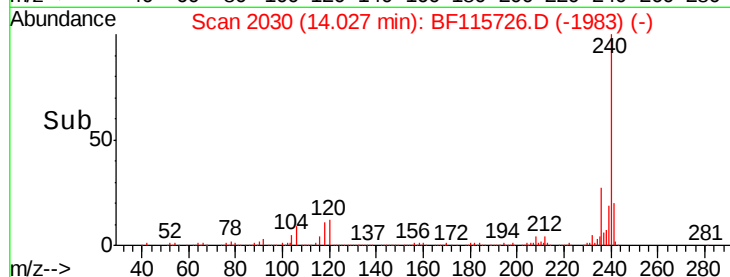
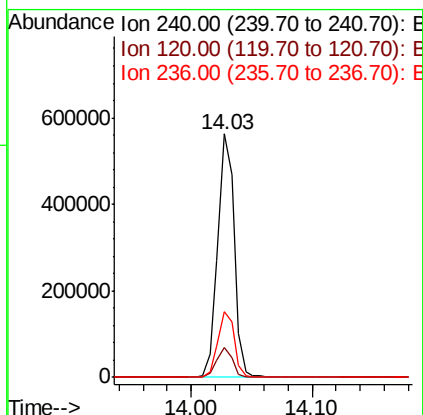
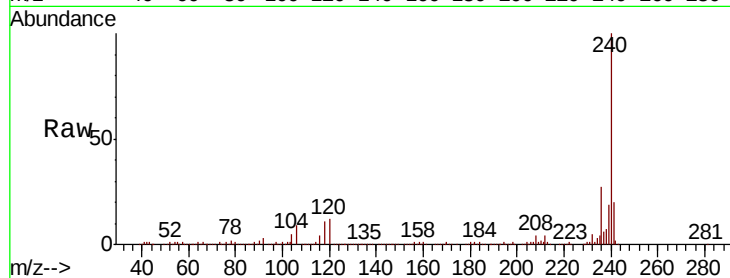




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF115726.D
Acq: 23 Jul 2019 18:37

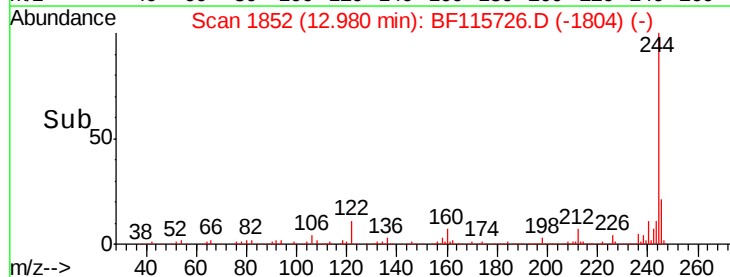
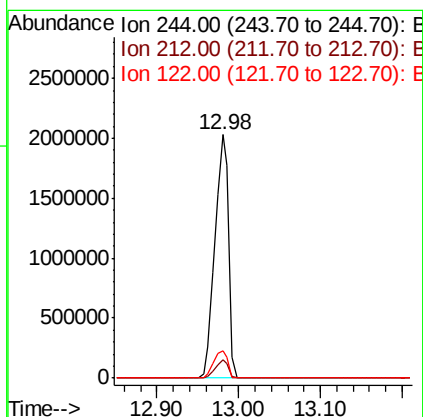
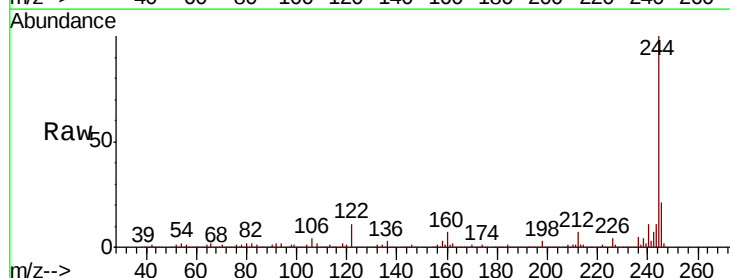
Instrument :
BNA_F
ClientSampleId :
NB-07-071919-A

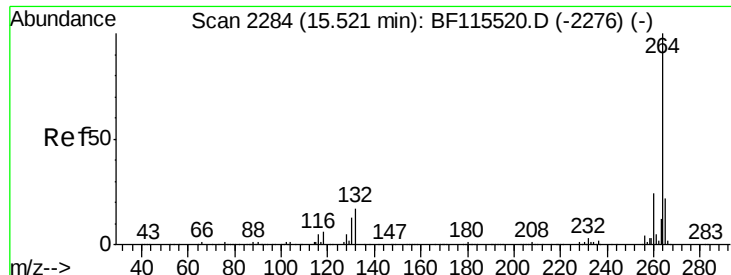
Tgt Ion:240 Resp: 525758
Ion Ratio Lower Upper
240 100
120 12.2 8.6 13.0
236 27.2 21.3 31.9



#79
Terphenyl-d14
Concen: 83.340 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BF115726.D
Acq: 23 Jul 2019 18:37

Tgt Ion:244 Resp: 2374675
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 11.4 8.6 12.8





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BF115726.D
Acq: 23 Jul 2019 18:37

Instrument :
BNA_F
ClientSampleId :
NB-07-071919-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.8	29.8
265	22.0	17.7	26.5

