

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072319\
 Data File : BF115724.D
 Acq On : 23 Jul 2019 17:29
 Operator : HP/JU
 Sample : PB121645BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Quant Time: Jul 24 04:56:05 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

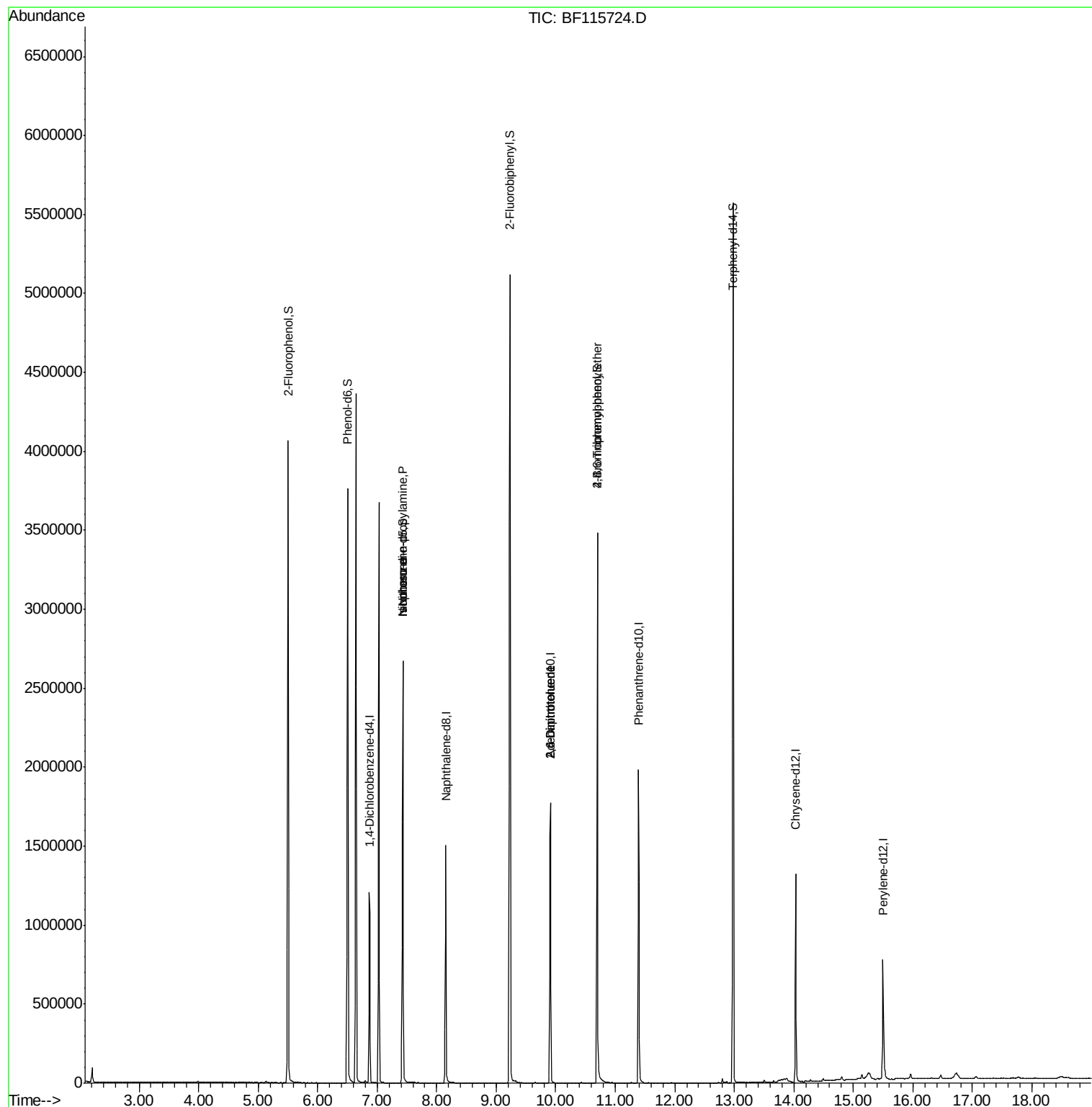
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	182912	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	720100	20.00	ng	-0.02
39) Acenaphthene-d10	9.91	164	403928	20.00	ng	-0.02
64) Phenanthrene-d10	11.39	188	715739	20.00	ng	-0.02
76) Chrysene-d12	14.03	240	455489	20.00	ng	-0.02
87) Perylene-d12	15.50	264	391343	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1265380	113.16	ng	0.00
7) Phenol-d6	6.50	99	1674672	118.02	ng	-0.01
23) Nitrobenzene-d5	7.43	82	1080428	87.24	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	513631	108.94	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	1962221	85.03	ng	-0.02
79) Terphenyl-d14	12.98	244	2169713	87.89	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	144713	15.638	ng	# 78
25) Isophorone	7.43	82	1065969	43.016	ng	# 64
51) 2,6-Dinitrotoluene	9.91	165	51975	7.526	ng	# 27
57) 2,4-Dinitrotoluene	9.91	165	51975	5.809	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	31043	3.795	ng	# 1

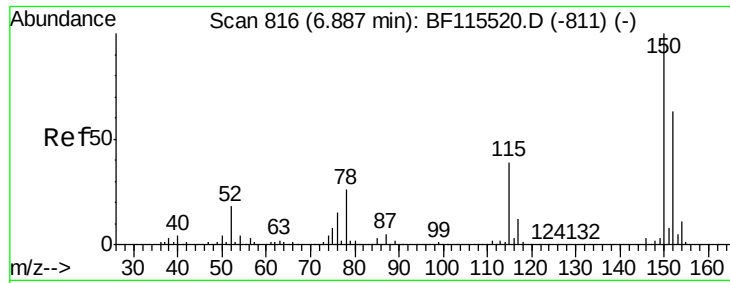
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

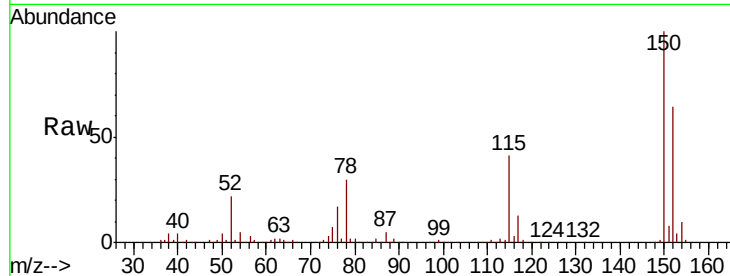




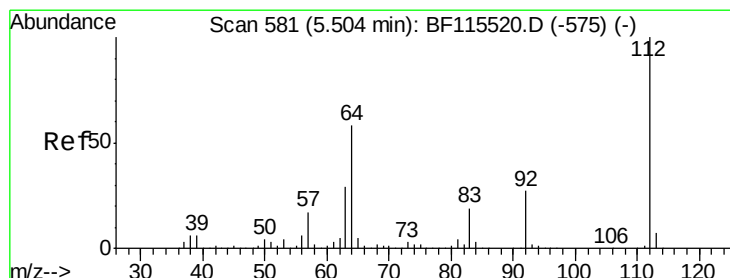
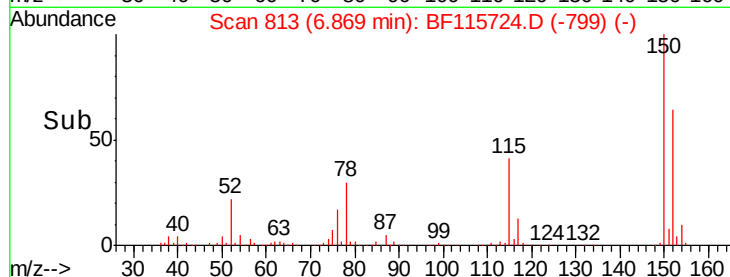
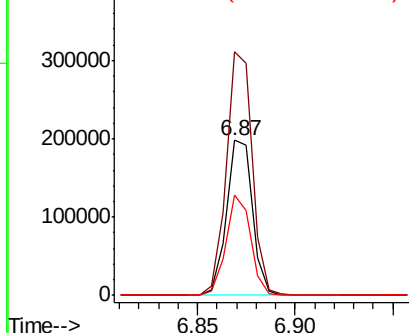
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF115724.D
 Acq: 23 Jul 2019 17:29

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion:152 Resp: 182912
 Ion Ratio Lower Upper
 152 100
 150 157.2 129.7 194.5
 115 64.9 48.2 72.4

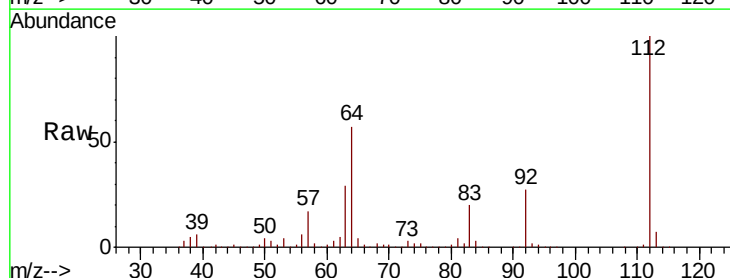


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

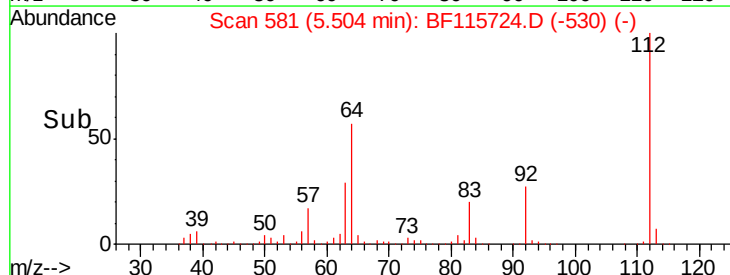
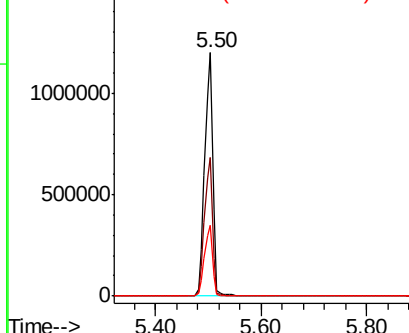


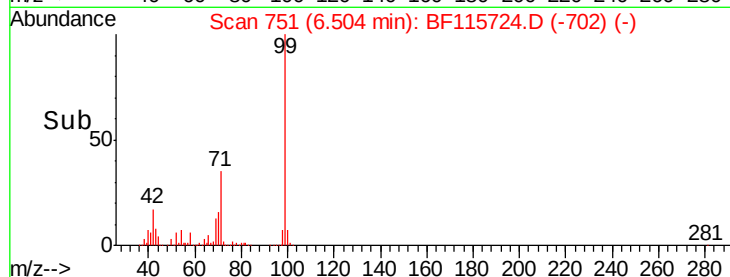
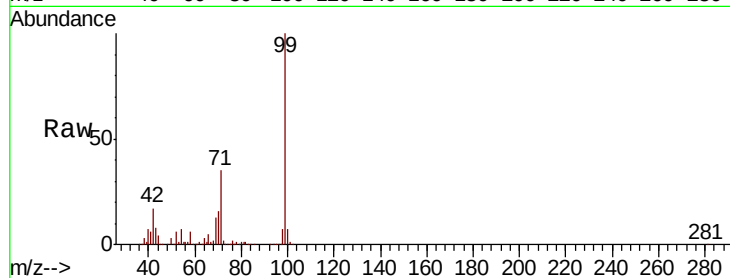
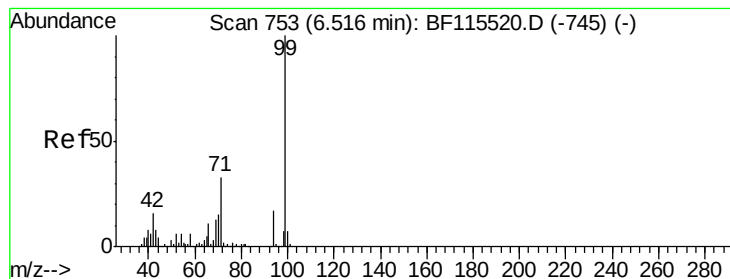
#5
 2-Fluorophenol
 Concen: 113.158 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF115724.D
 Acq: 23 Jul 2019 17:29

Tgt Ion:112 Resp: 1265380
 Ion Ratio Lower Upper
 112 100
 64 57.0 46.8 70.2
 63 29.2 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: 118.024 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115724.D

Acq: 23 Jul 2019 17:29

Instrument :

BNA_F

ClientSampleId :

DFTPP

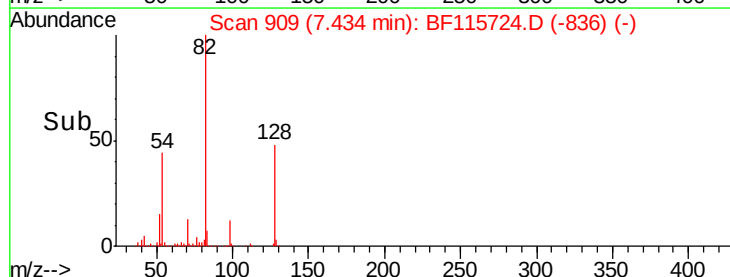
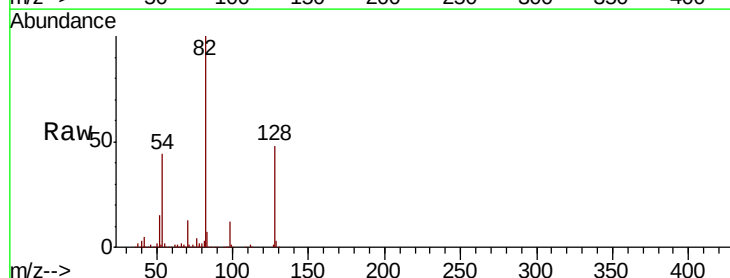
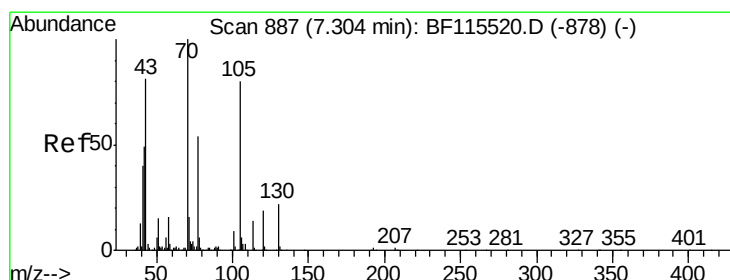
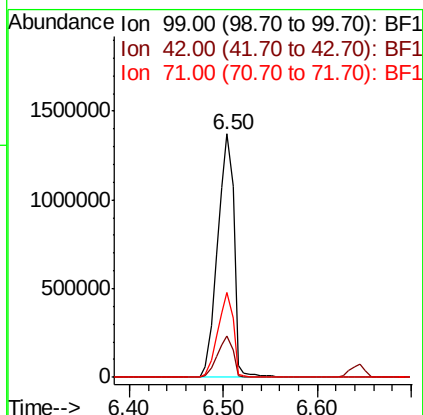
Tgt Ion: 99 Resp: 1674672

Ion Ratio Lower Upper

99 100

42 17.0 13.6 20.4

71 34.7 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.638 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.13 min

Lab File: BF115724.D

Acq: 23 Jul 2019 17:29

Tgt Ion: 70 Resp: 144713

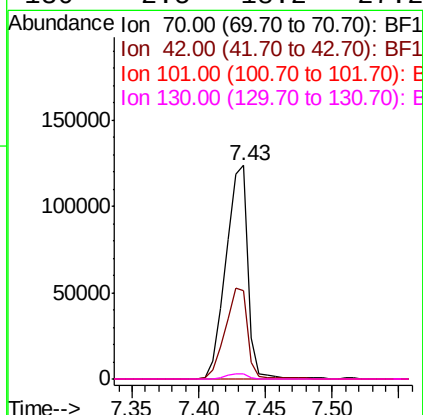
Ion Ratio Lower Upper

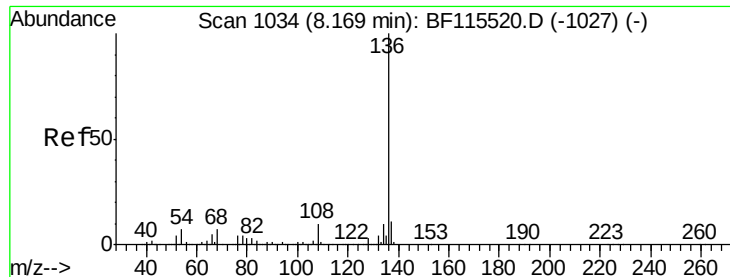
70 100

42 41.5 39.6 59.4

101 0.0 8.1 12.1#

130 2.5 18.2 27.2#

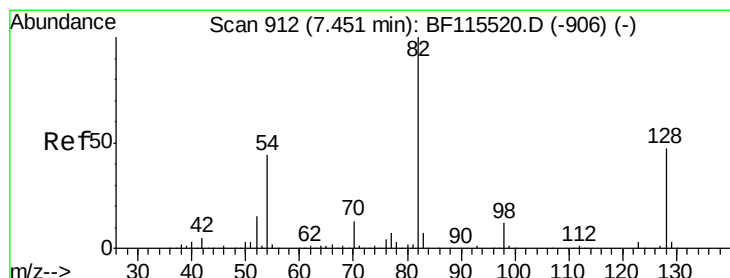
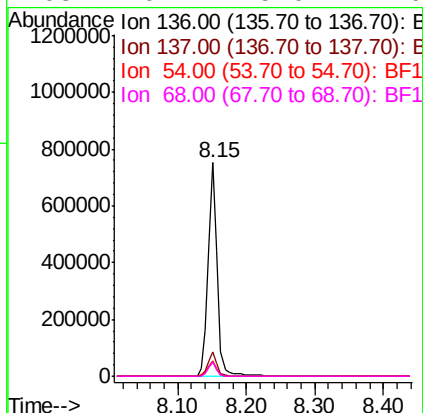
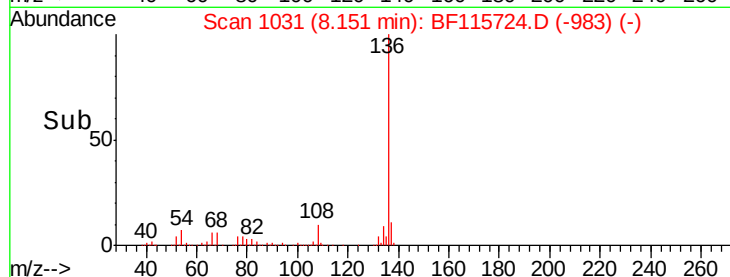
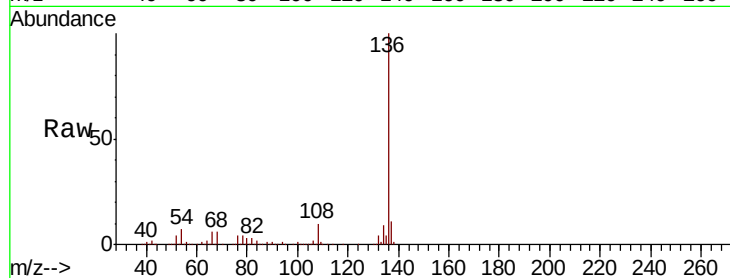




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF115724.D
Acq: 23 Jul 2019 17:29

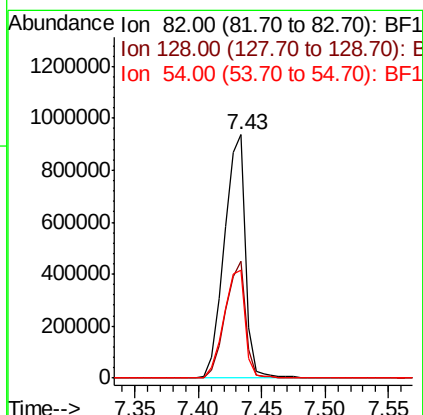
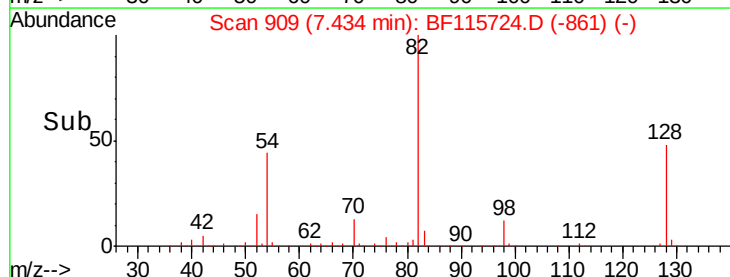
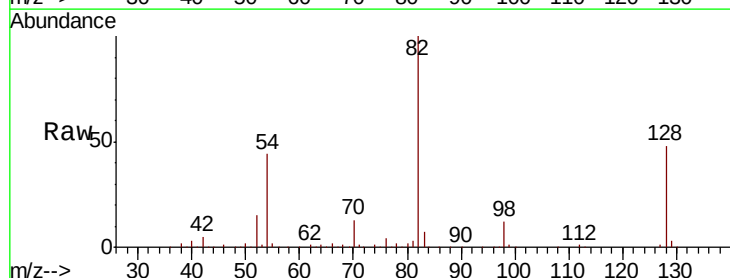
Instrument :
BNA_F
ClientSampleId :
DFTPP

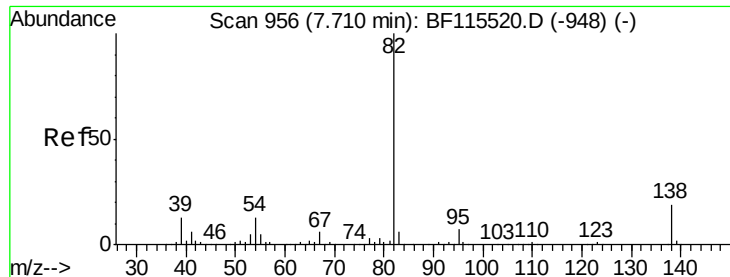
Tgt Ion:	136	Resp:	720100
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.0	5.6	8.4
68	6.4	5.0	7.6



#23
Nitrobenzene-d5
Concen: 87.242 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF115724.D
Acq: 23 Jul 2019 17:29

Tgt Ion:	82	Resp:	1080428
Ion	Ratio	Lower	Upper
82	100		
128	48.0	38.6	57.8
54	44.1	35.6	53.4





#25

Isophorone

Concen: 43.016 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.28 min

Lab File: BF115724.D

Acq: 23 Jul 2019 17:29

Instrument :

BNA_F

ClientSampleId :

DFTPP

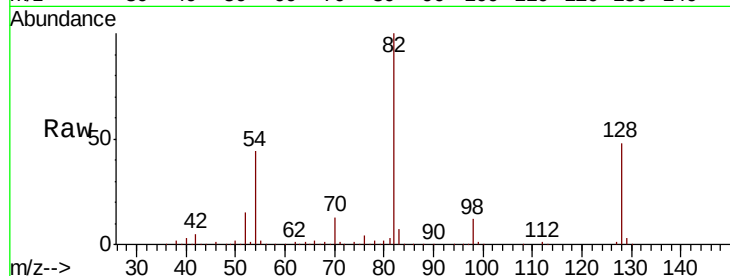
Tgt Ion: 82 Resp: 1065969

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

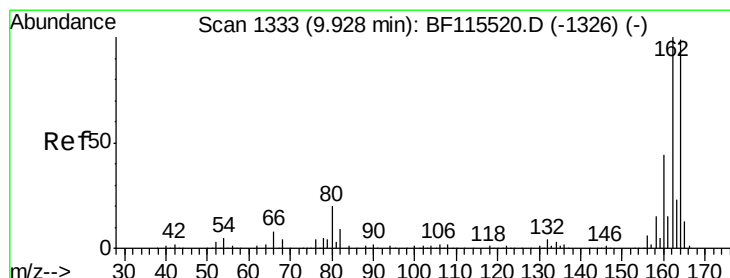
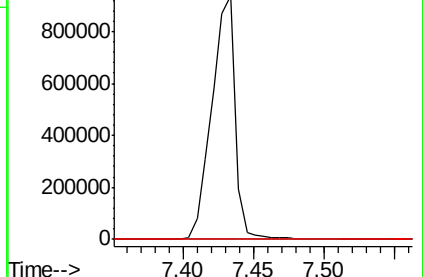
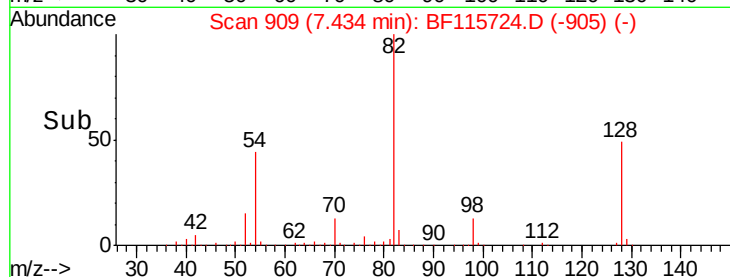
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF115520.D (-948) (-)

Ion 95.00 (94.70 to 95.70): BF115520.D (-948) (-)

Ion 138.00 (137.70 to 138.70): BF115520.D (-948) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF115724.D

Acq: 23 Jul 2019 17:29

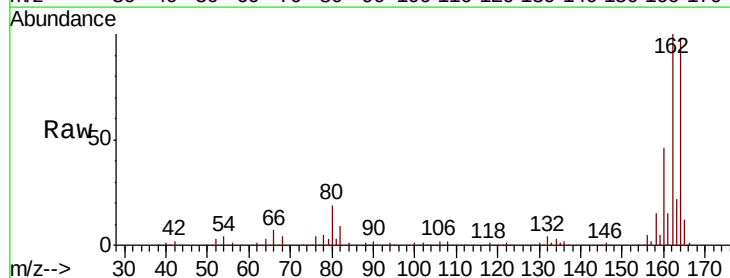
Tgt Ion: 164 Resp: 403928

Ion Ratio Lower Upper

164 100

162 102.1 82.9 124.3

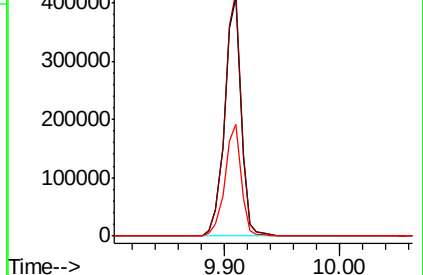
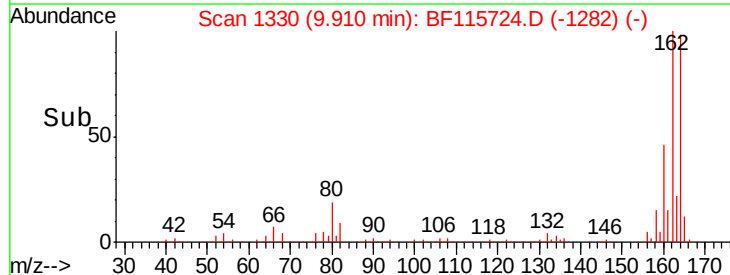
160 46.7 36.8 55.2

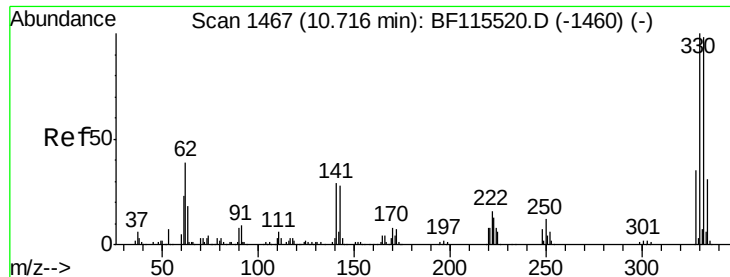


Abundance Ion 164.00 (163.70 to 164.70): BF115520.D (-1326) (-)

Ion 162.00 (161.70 to 162.70): BF115520.D (-1326) (-)

Ion 160.00 (159.70 to 160.70): BF115520.D (-1326) (-)





#42

2,4,6-Tribromophenol

Concen: 108.940 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BF115724.D

Acq: 23 Jul 2019 17:29

Instrument :

BNA_F

ClientSampleId :

DFTPP

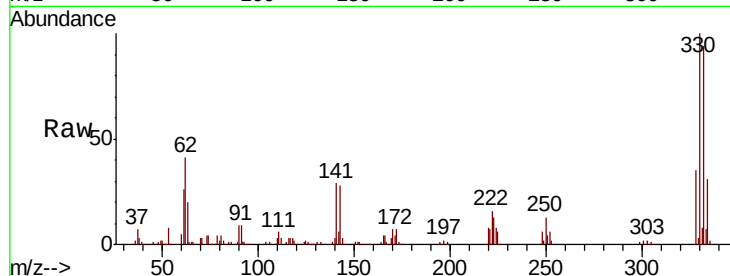
Tgt Ion:330 Resp: 513631

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.2

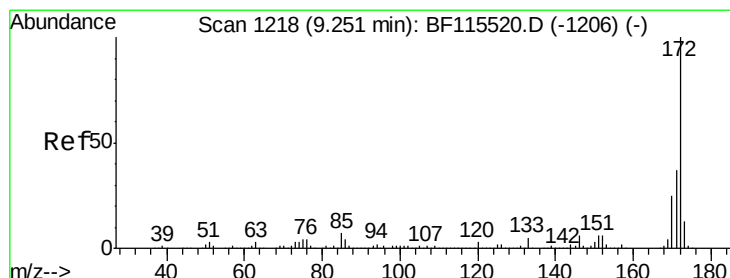
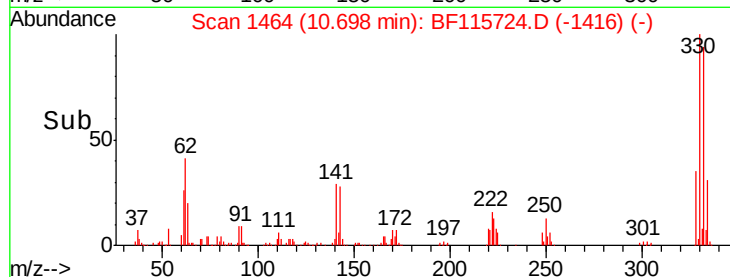
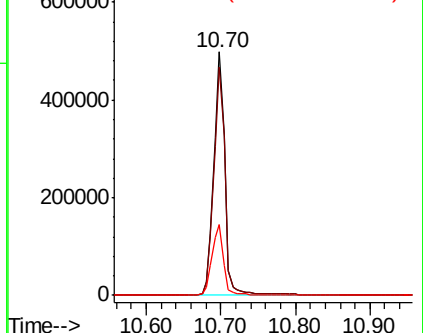
141 30.8 22.4 33.6



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: 85.026 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.02 min

Lab File: BF115724.D

Acq: 23 Jul 2019 17:29

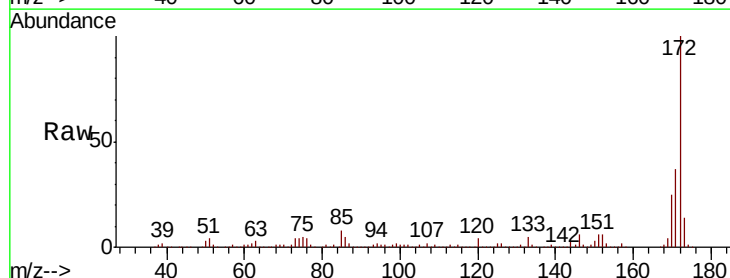
Tgt Ion:172 Resp: 1962221

Ion Ratio Lower Upper

172 100

171 37.1 30.6 46.0

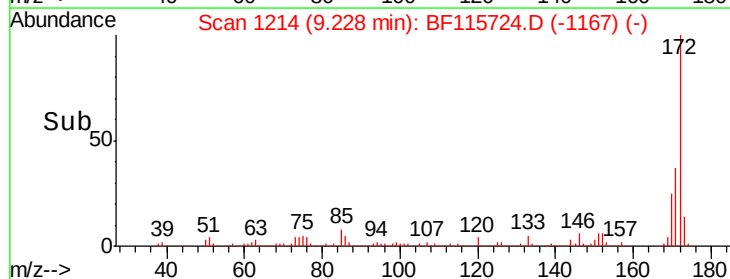
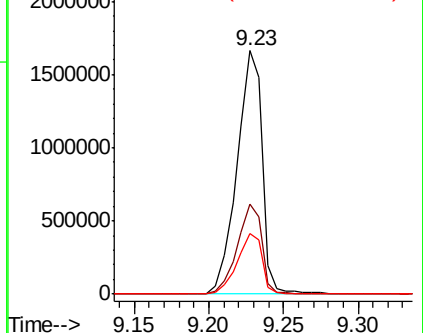
170 25.1 20.5 30.7

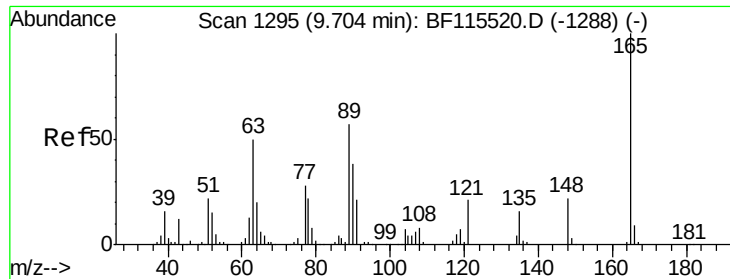


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

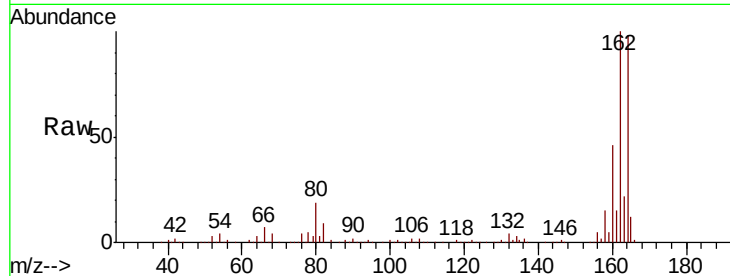




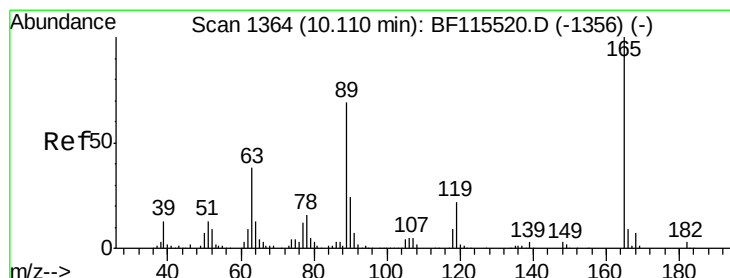
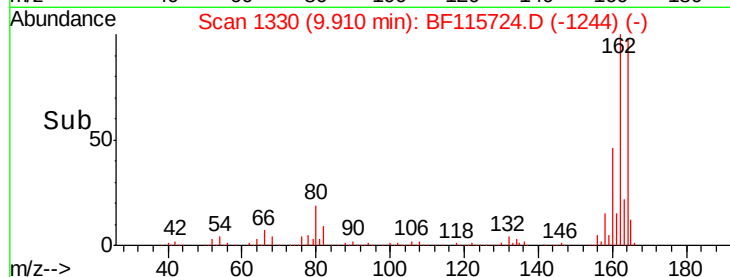
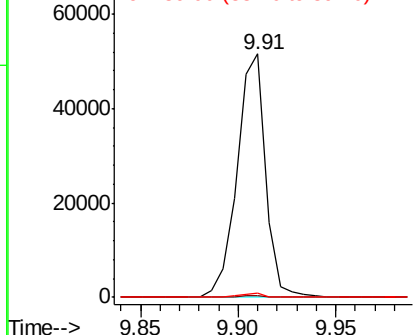
#51
 2,6-Dinitrotoluene
 Concen: 7.526 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.21 min
 Lab File: BF115724.D
 Acq: 23 Jul 2019 17:29

Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.6	61.0#
89	1.5	43.9	65.9#

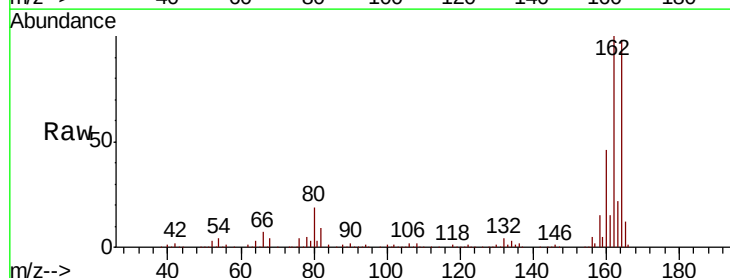


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

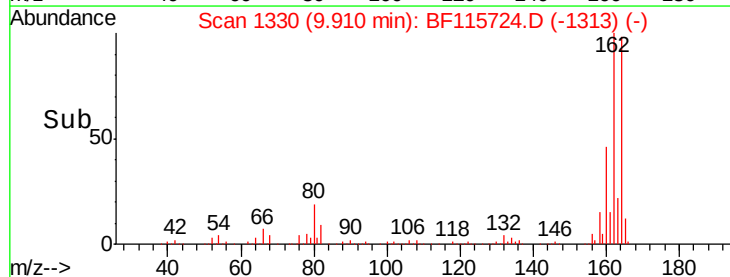
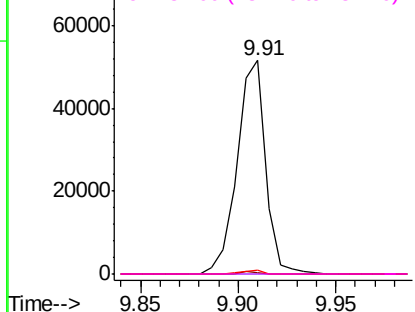


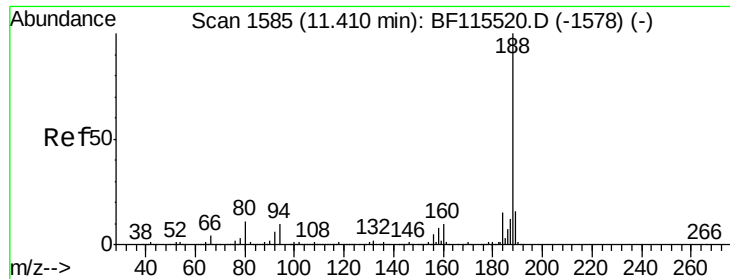
#57
 2,4-Dinitrotoluene
 Concen: 5.809 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.20 min
 Lab File: BF115724.D
 Acq: 23 Jul 2019 17:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	34.9	52.3#
89	1.5	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

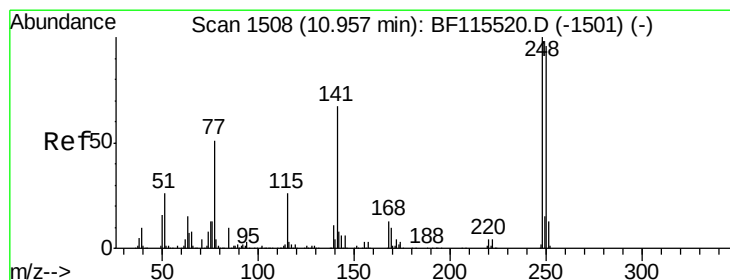
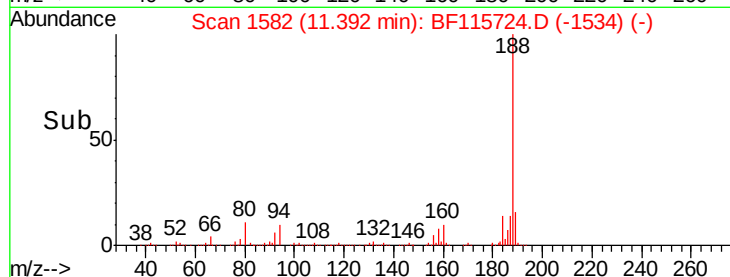
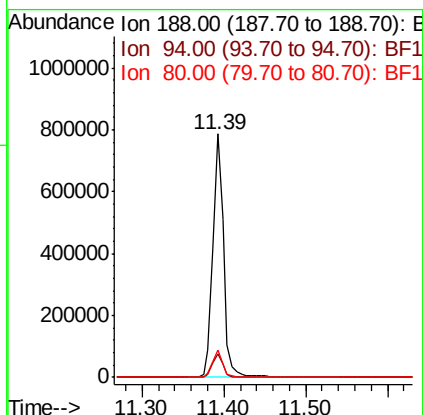
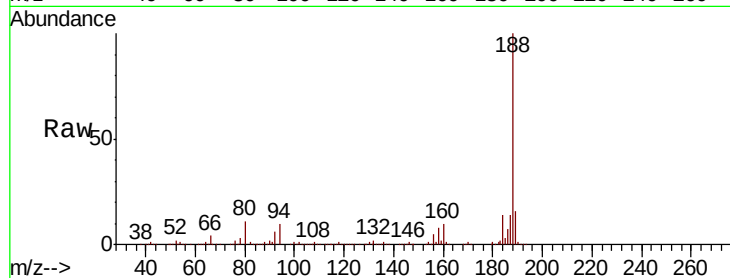




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.02 min
 Lab File: BF115724.D
 Acq: 23 Jul 2019 17:29

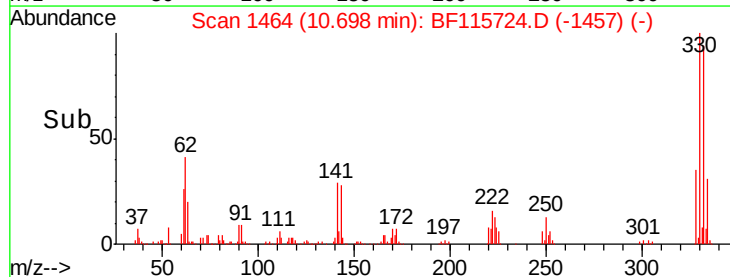
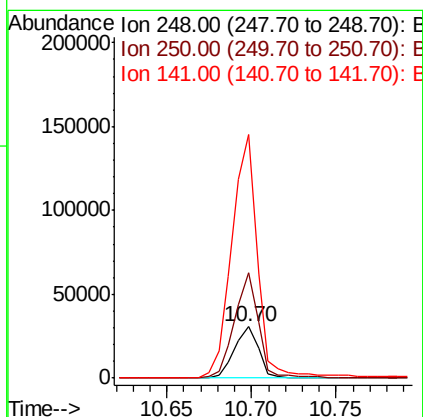
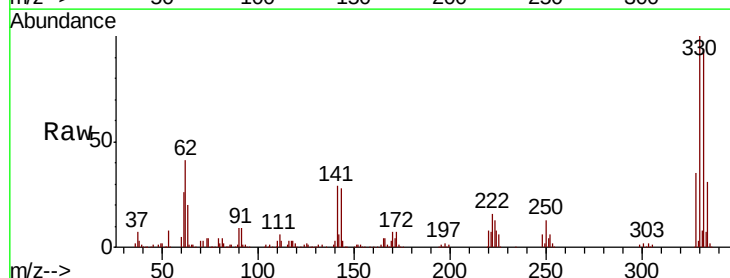
Instrument :
 BNA_F
 ClientSampleId :
 DFTPP

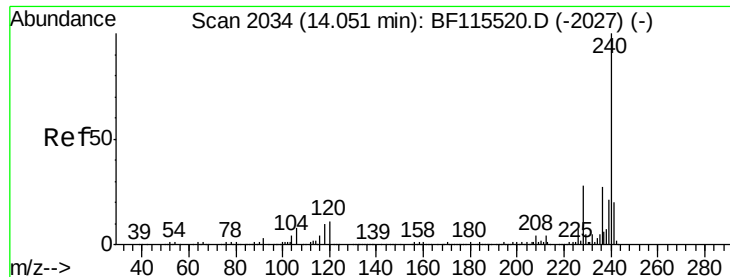
Tgt Ion:188 Resp: 715739
 Ion Ratio Lower Upper
 188 100
 94 9.8 7.8 11.6
 80 11.0 8.6 13.0



#67
 4-Bromophenyl-phenylether
 Concen: 3.795 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.26 min
 Lab File: BF115724.D
 Acq: 23 Jul 2019 17:29

Tgt Ion:248 Resp: 31043
 Ion Ratio Lower Upper
 248 100
 250 205.3 78.0 117.0#
 141 472.3 57.7 86.5#

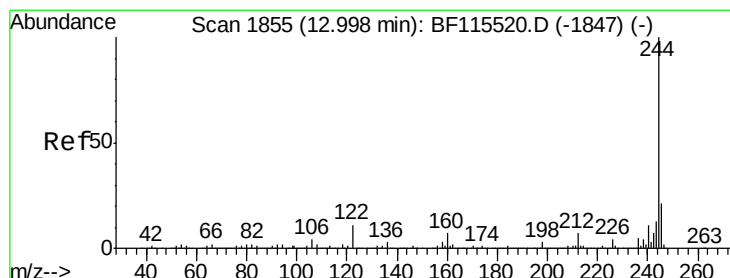
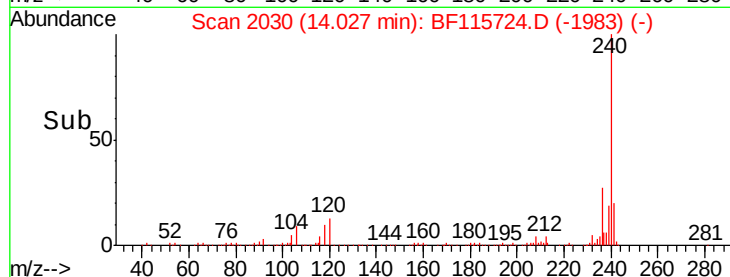
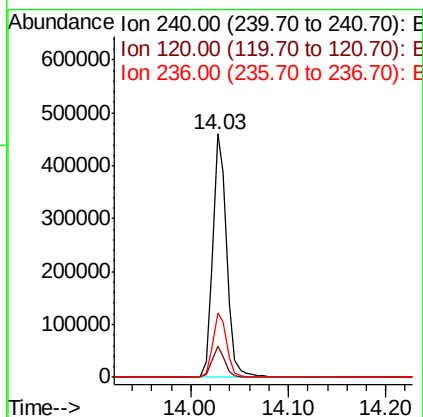
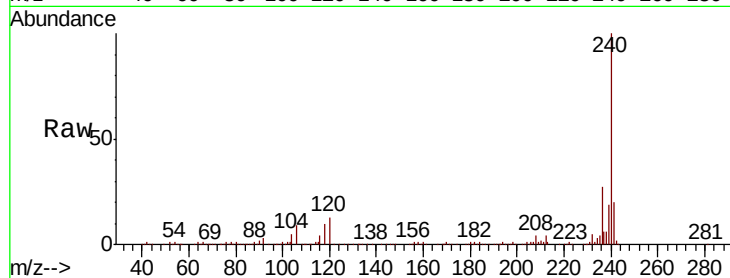




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF115724.D
Acq: 23 Jul 2019 17:29

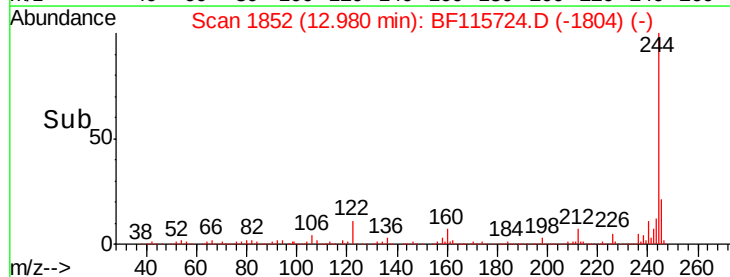
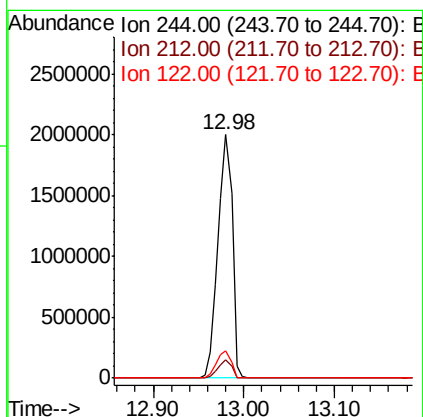
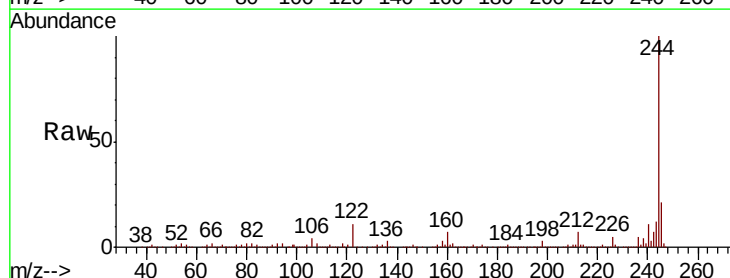
Instrument :
BNA_F
ClientSampleId :
DFTPP

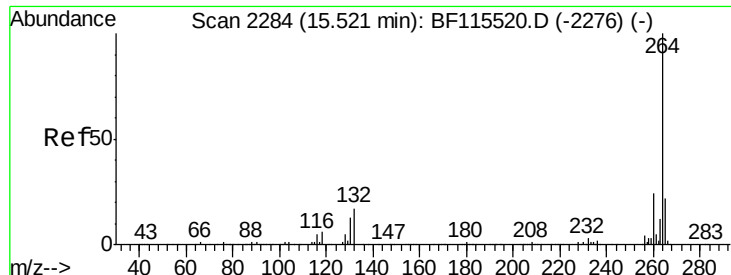
Tgt Ion:240 Resp: 455489
Ion Ratio Lower Upper
240 100
120 12.6 8.6 13.0
236 26.6 21.3 31.9



#79
Terphenyl-d14
Concen: 87.894 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BF115724.D
Acq: 23 Jul 2019 17:29

Tgt Ion:244 Resp: 2169713
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 11.2 8.6 12.8

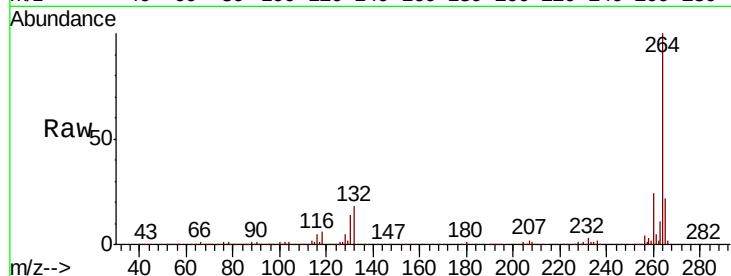




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BF115724.D
Acq: 23 Jul 2019 17:29

Instrument :
BNA_F
ClientSampleId :
DFTPP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.8
265	22.0	17.7	26.5



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

