

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072419\
 Data File : BF115745.D
 Acq On : 24 Jul 2019 11:10
 Operator : HP/JU
 Sample : PB121660BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 24 16:33:20 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

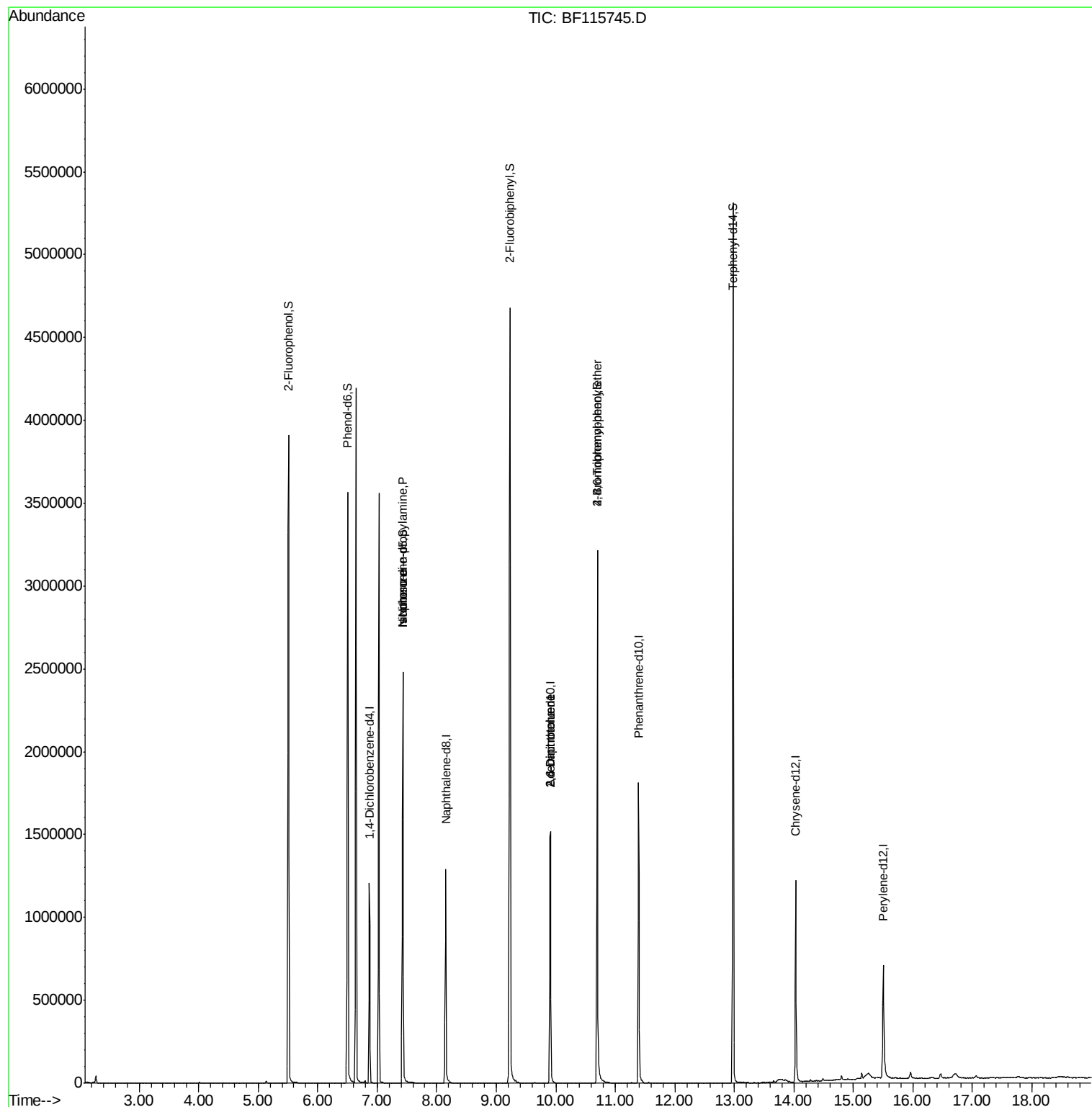
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	174446	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	684022	20.00	ng	-0.02
39) Acenaphthene-d10	9.91	164	384484	20.00	ng	-0.02
64) Phenanthrene-d10	11.39	188	698769	20.00	ng	-0.02
76) Chrysene-d12	14.03	240	493656	20.00	ng	-0.02
87) Perylene-d12	15.50	264	436170	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1225318	114.89	ng	0.00
7) Phenol-d6	6.50	99	1621307	119.81	ng	-0.01
23) Nitrobenzene-d5	7.43	82	1054586	89.65	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	499650	111.33	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	1956407	89.06	ng	-0.02
79) Terphenyl-d14	12.98	244	2153461	80.49	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	141037	15.980	ng	# 79
25) Isophorone	7.43	82	1032286	43.854	ng	# 64
51) 2,6-Dinitrotoluene	9.91	165	48878	7.435	ng	# 27
57) 2,4-Dinitrotoluene	9.91	165	48879	5.739	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	29549	3.700	ng	# 1

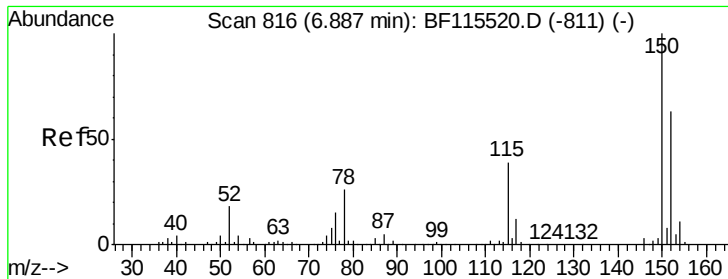
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF115745.D
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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BNA_F
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Quant Time: Jul 24 16:33:20 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



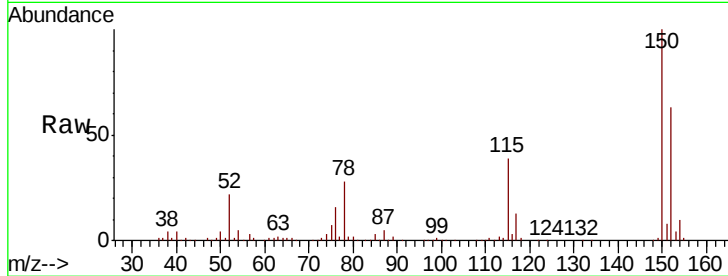


#1

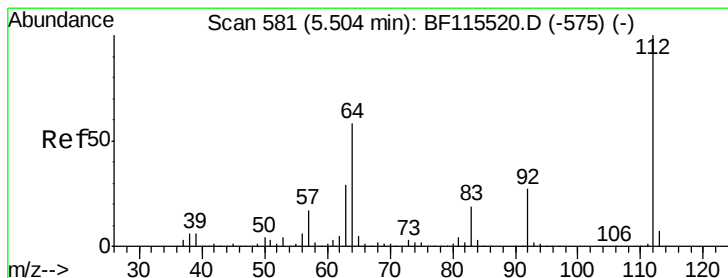
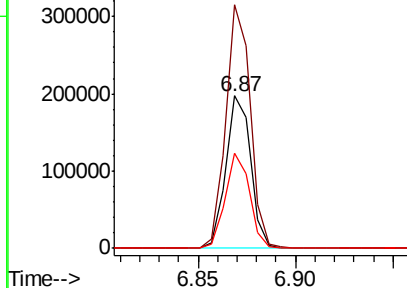
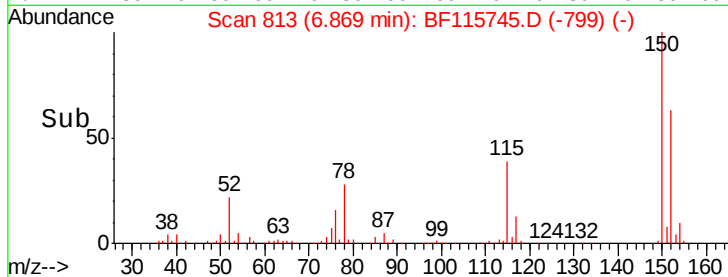
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF115745.D
 Acq: 24 Jul 2019 11:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 174446
 Ion Ratio Lower Upper
 152 100
 150 159.7 129.7 194.5
 115 62.6 48.2 72.4



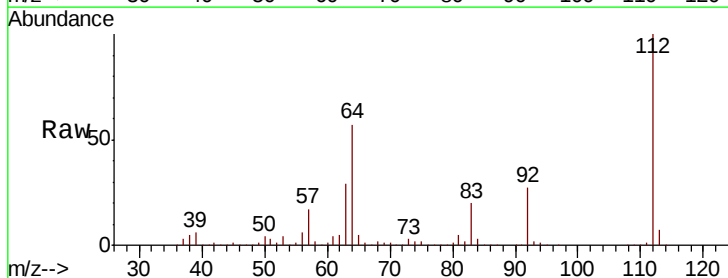
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



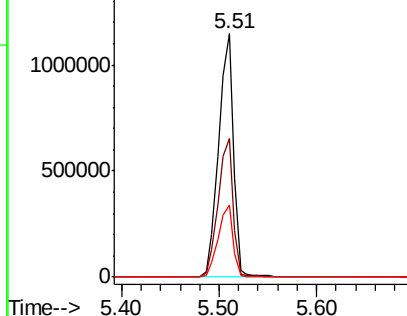
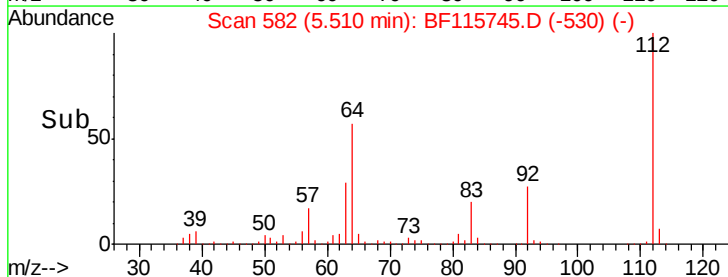
#5

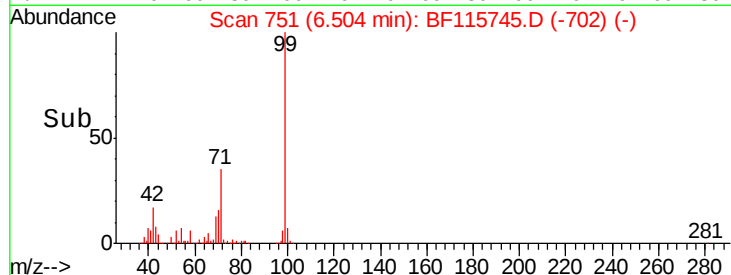
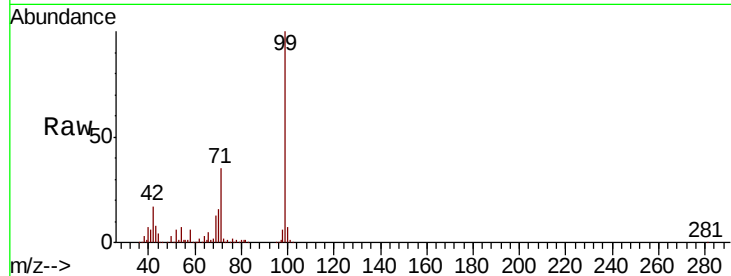
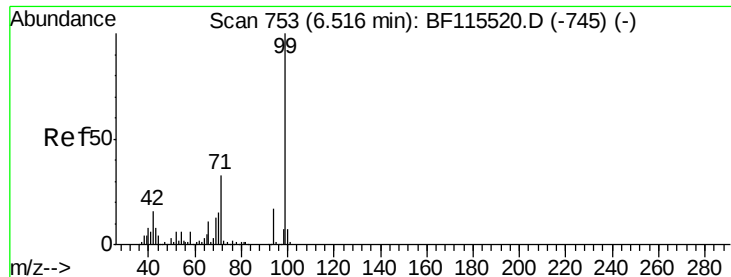
2-Fluorophenol
 Concen: 114.893 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: BF115745.D
 Acq: 24 Jul 2019 11:10

Tgt Ion:112 Resp: 1225318
 Ion Ratio Lower Upper
 112 100
 64 56.8 46.8 70.2
 63 29.5 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: 119.809 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115745.D

Acq: 24 Jul 2019 11:10

Instrument :

BNA_F

ClientSampleId :

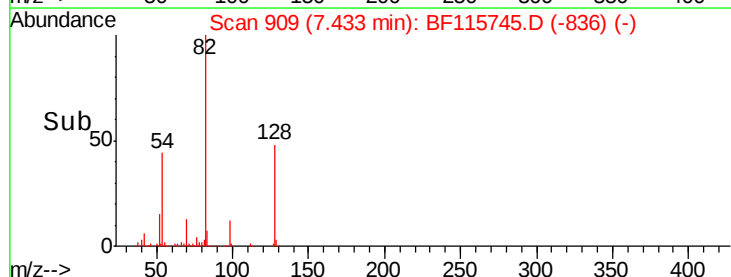
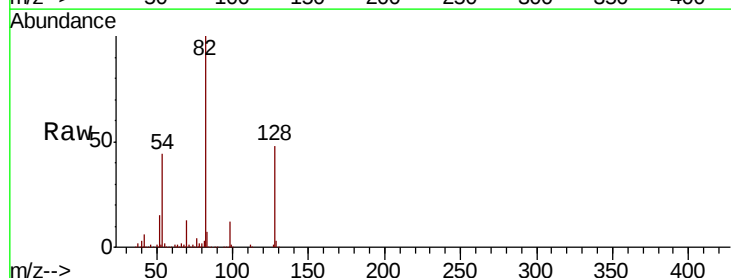
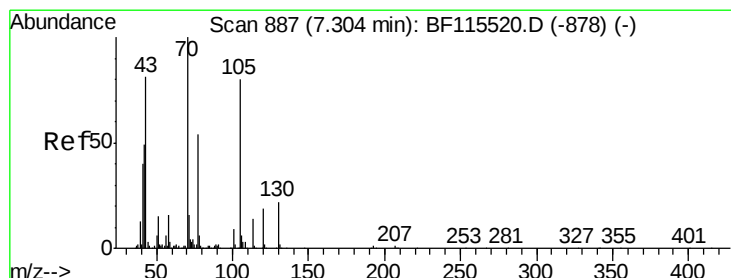
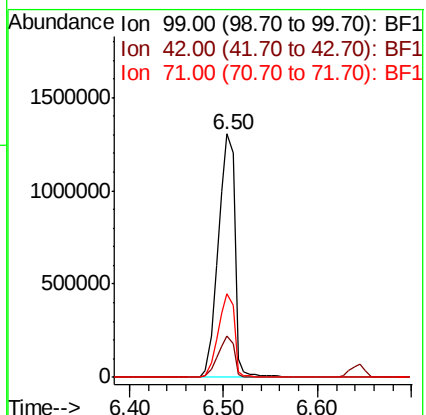
Tot Ion: 99 Resp: 1621307

Ion Ratio Lower Upper

99 100

42 17.0 13.6 20.4

71 34.5 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.980 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.13 min

Lab File: BF115745.D

Acq: 24 Jul 2019 11:10

Tgt Ion: 70 Resp: 141037

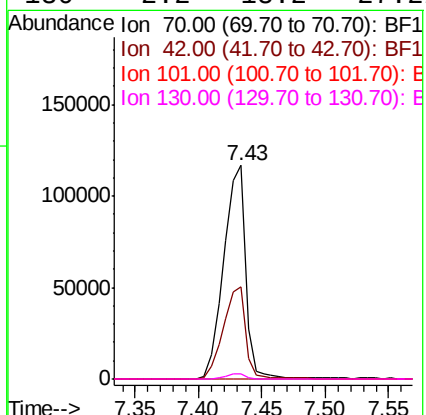
Ion Ratio Lower Upper

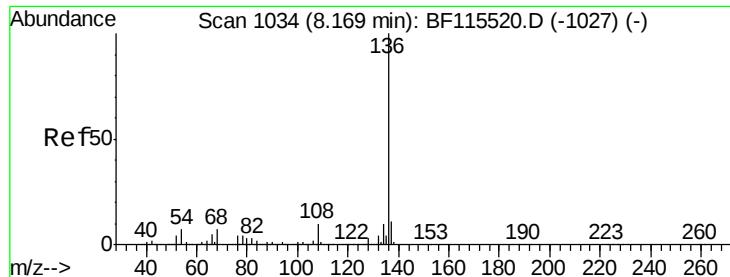
70 100

42 43.0 39.6 59.4

101 0.0 8.1 12.1#

130 2.2 18.2 27.2#

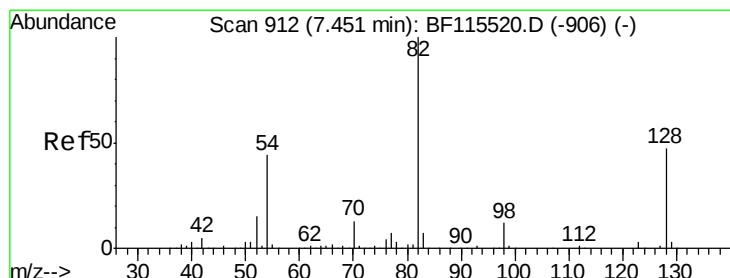
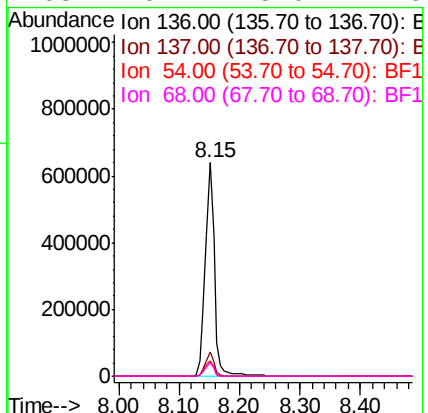
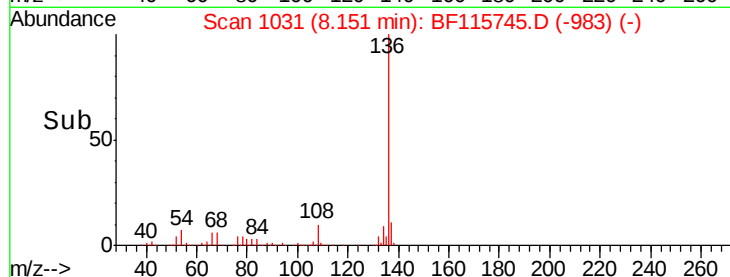
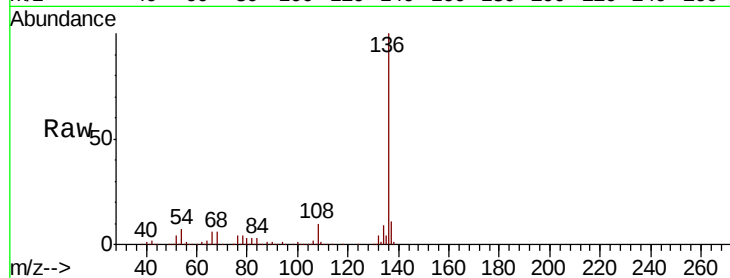




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF115745.D
Acq: 24 Jul 2019 11:10

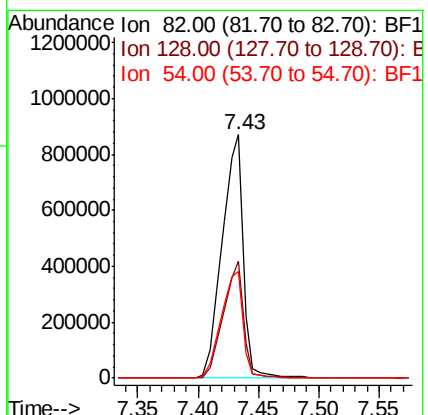
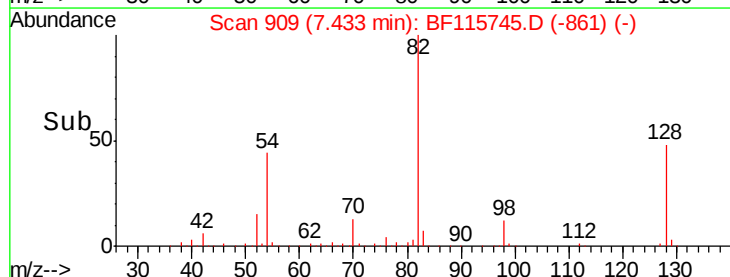
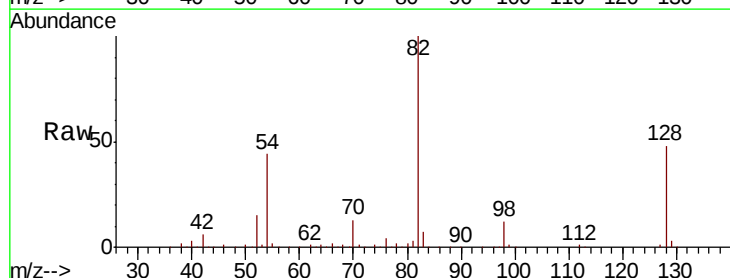
Instrument :
BNA_F
ClientSampleId :

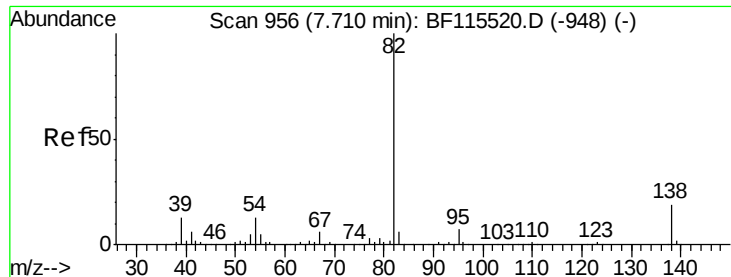
Tot Ion:136	Resp: 684022
Ion Ratio	Lower Upper
136 100	
137 11.2	9.0 13.4
54 7.3	5.6 8.4
68 6.4	5.0 7.6



#23
Nitrobenzene-d5
Concen: 89.647 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF115745.D
Acq: 24 Jul 2019 11:10

Tgt Ion: 82	Resp: 1054586
Ion Ratio	Lower Upper
82 100	
128 48.2	38.6 57.8
54 43.8	35.6 53.4

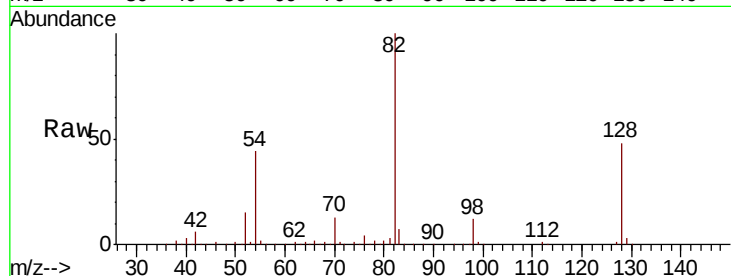




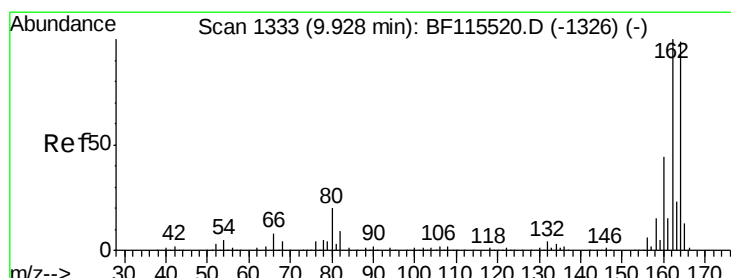
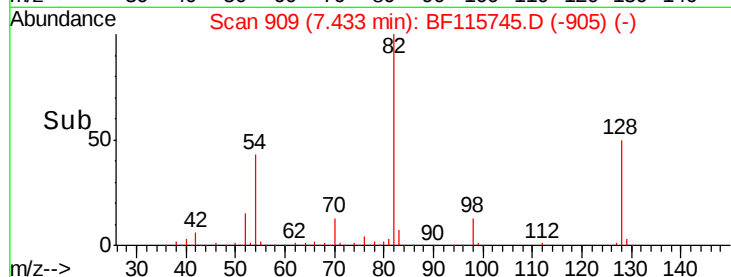
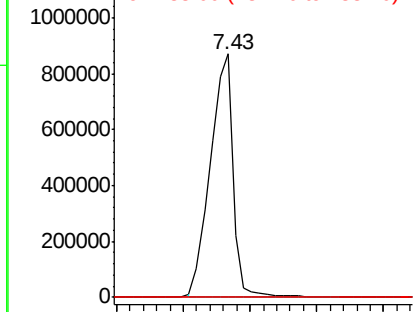
#25
Isophorone
Concen: 43.854 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.28 min
Lab File: BF115745.D
Acq: 24 Jul 2019 11:10

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1032286
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.9 22.3#

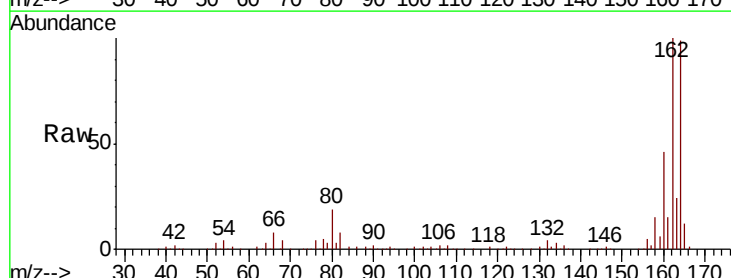


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): E

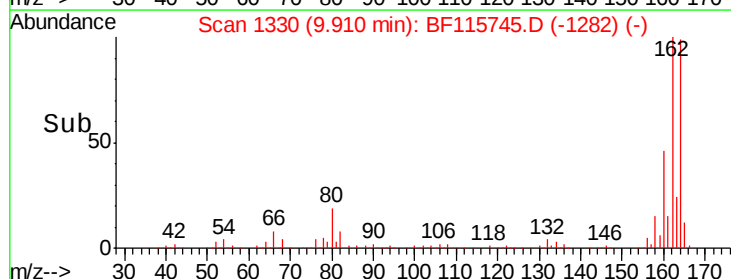
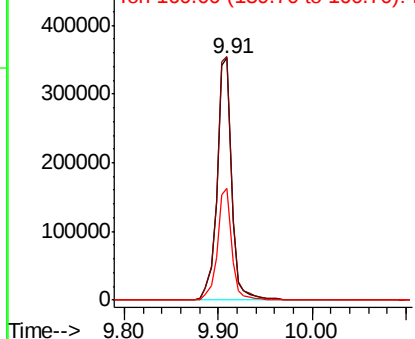


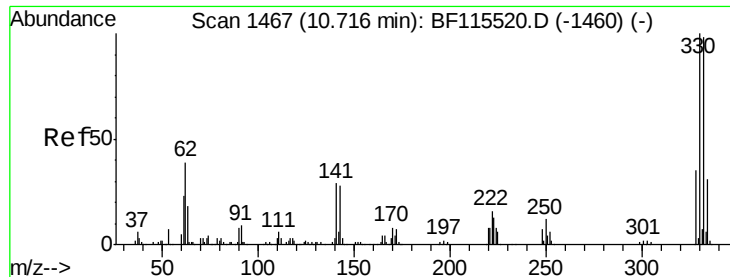
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF115745.D
Acq: 24 Jul 2019 11:10

Tgt Ion:164 Resp: 384484
Ion Ratio Lower Upper
164 100
162 100.6 82.9 124.3
160 46.2 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

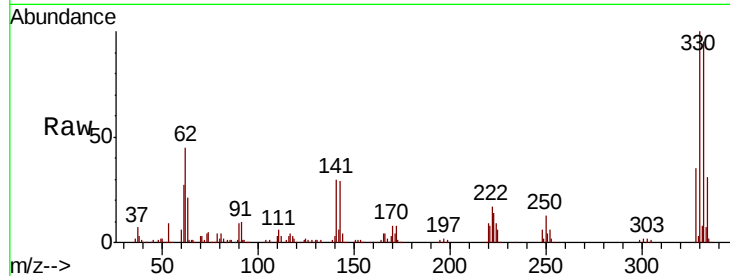




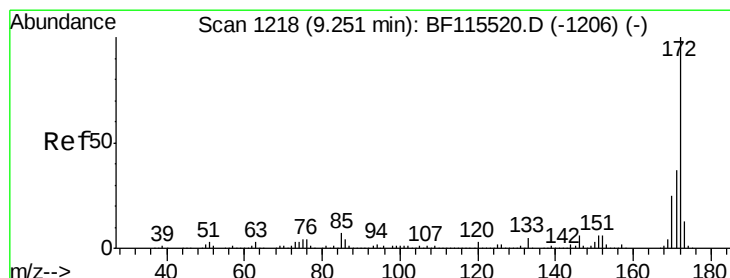
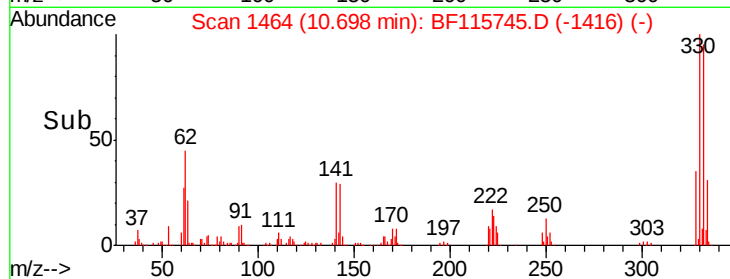
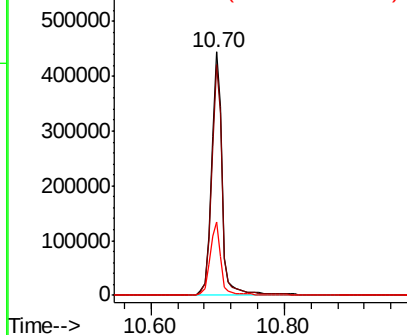
#42
 2,4,6-Tribromophenol
 Concen: 111.334 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF115745.D
 Acq: 24 Jul 2019 11:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 499650
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.2
 141 31.6 22.4 33.6

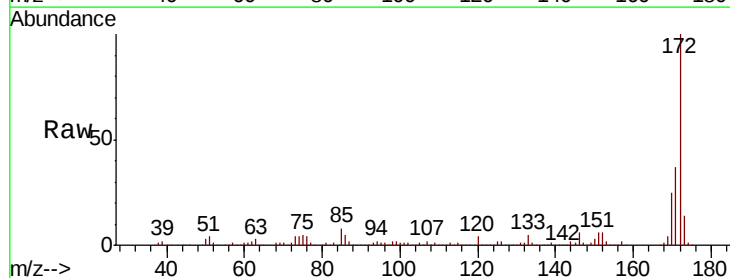


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

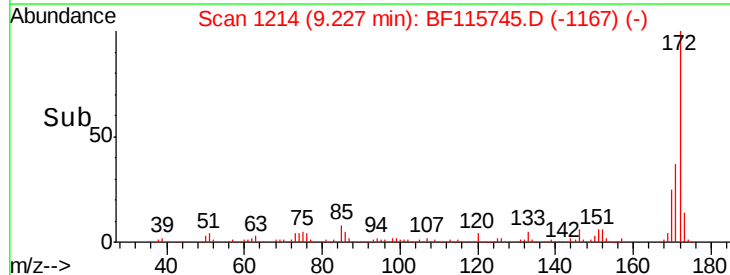
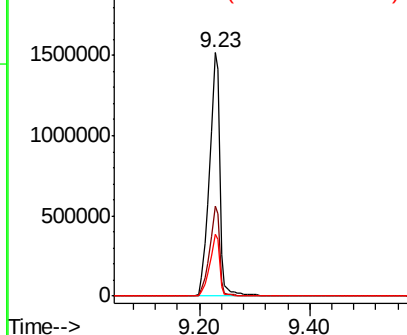


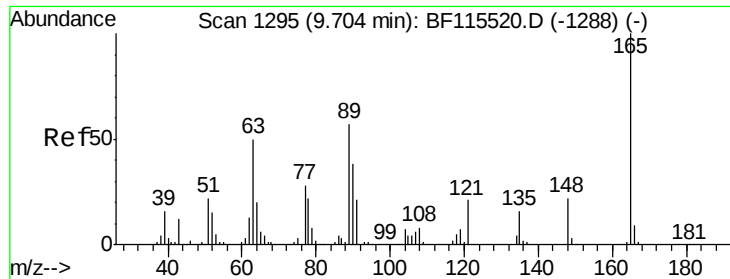
#45
 2-Fluorobiphenyl
 Concen: 89.061 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.02 min
 Lab File: BF115745.D
 Acq: 24 Jul 2019 11:10

Tgt Ion:172 Resp: 1956407
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.6 46.0
 170 25.3 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

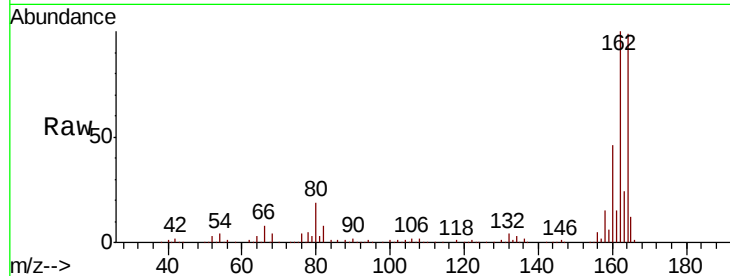




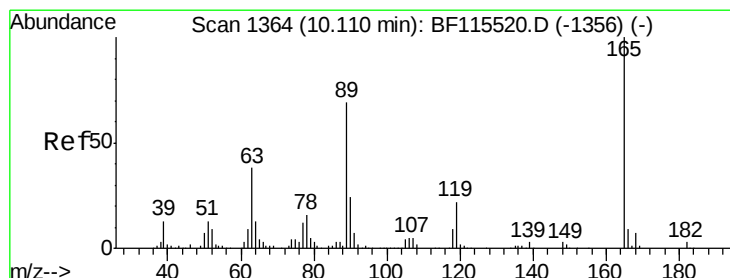
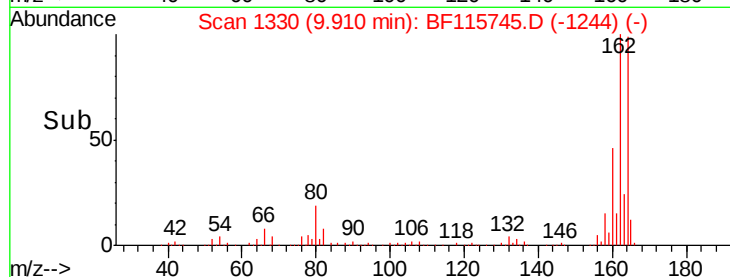
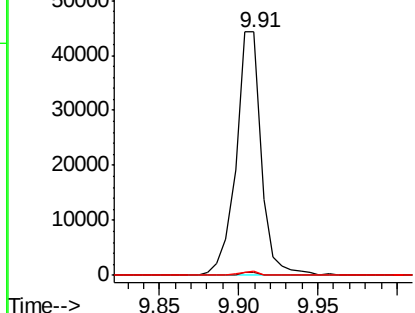
#51
 2,6-Dinitrotoluene
 Concen: 7.435 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.21 min
 Lab File: BF115745.D
 Acq: 24 Jul 2019 11:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.6	61.0#
89	1.6	43.9	65.9#



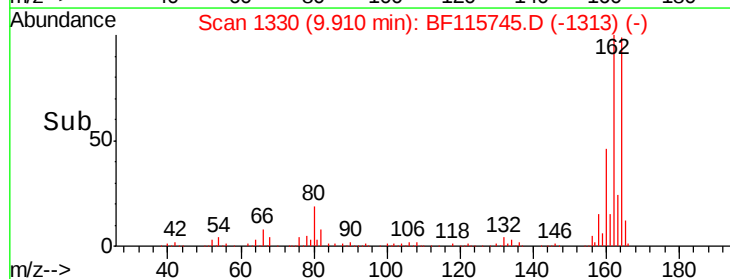
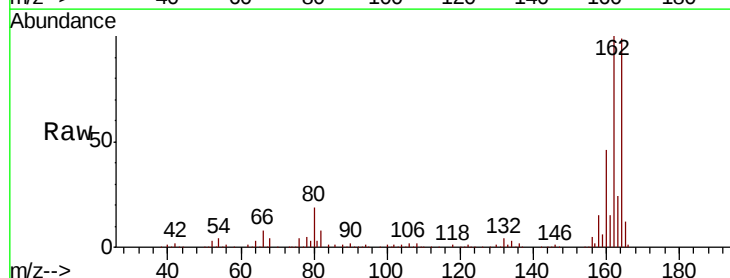
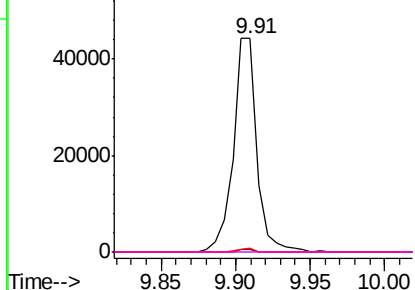
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

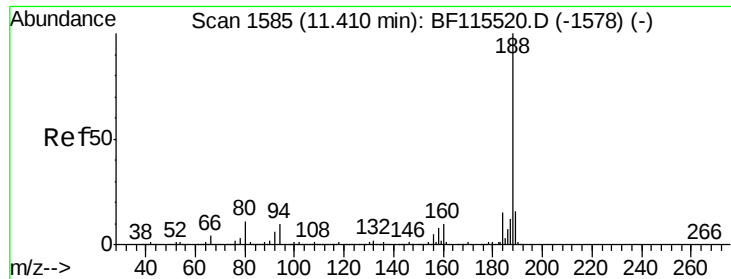


#57
 2,4-Dinitrotoluene
 Concen: 5.739 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.20 min
 Lab File: BF115745.D
 Acq: 24 Jul 2019 11:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	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: BF115745.D

Acq: 24 Jul 2019 11:10

Instrument :

BNA_F

ClientSampled :

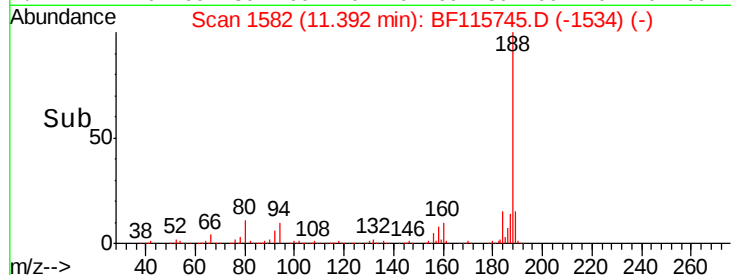
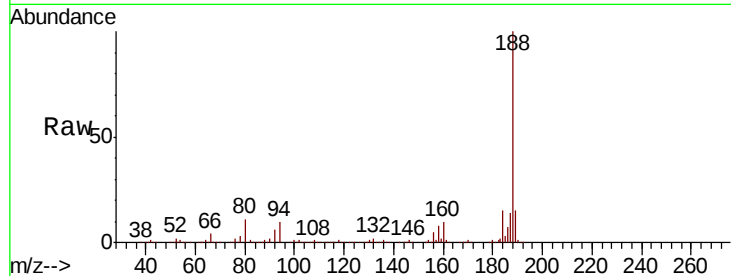
Tot Ion:188 Resp: 698769

Ion Ratio Lower Upper

188 100

94 9.8 7.8 11.6

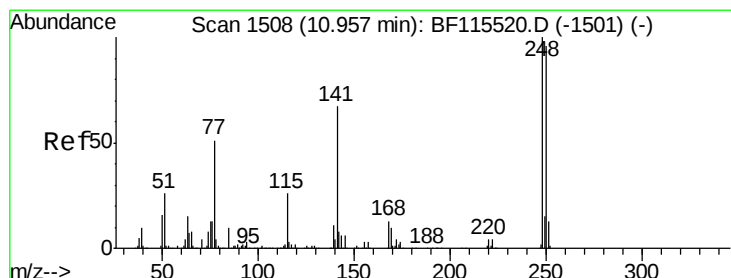
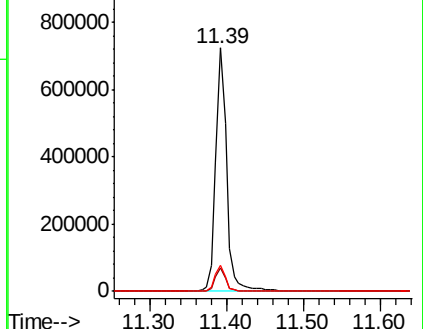
80 10.6 8.6 13.0



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



#67

4-Bromophenyl-phenylether

Concen: 3.700 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.26 min

Lab File: BF115745.D

Acq: 24 Jul 2019 11:10

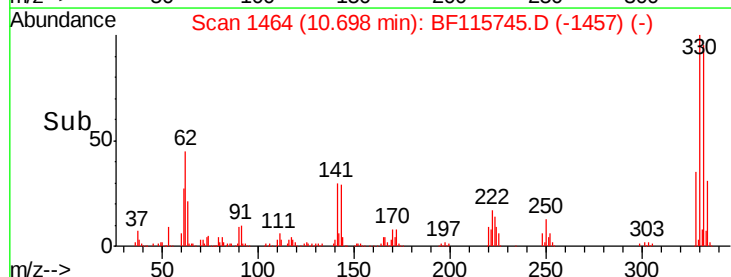
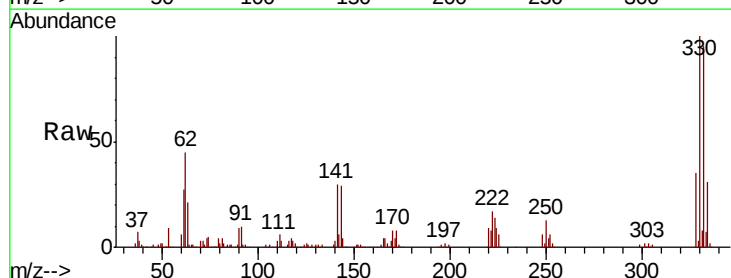
Tgt Ion:248 Resp: 29549

Ion Ratio Lower Upper

248 100

250 204.3 78.0 117.0#

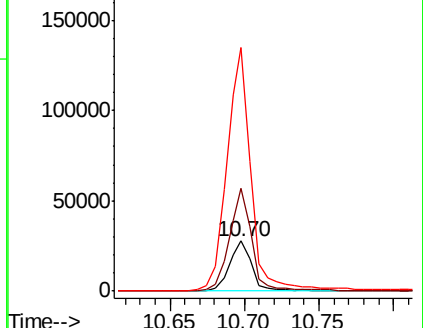
141 486.2 57.7 86.5#

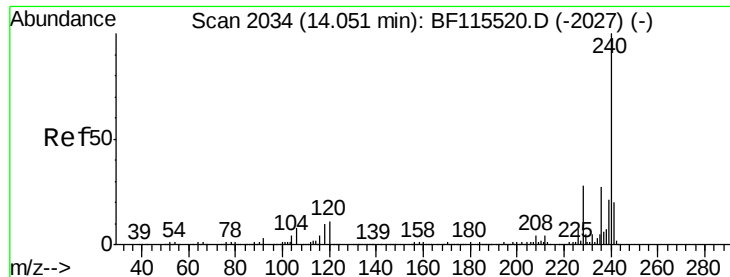


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

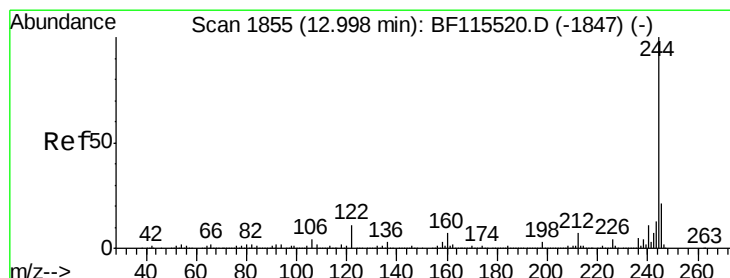
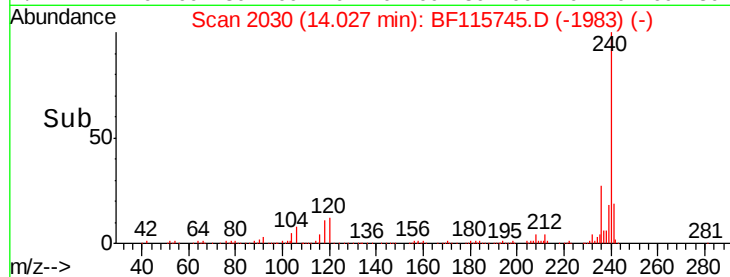
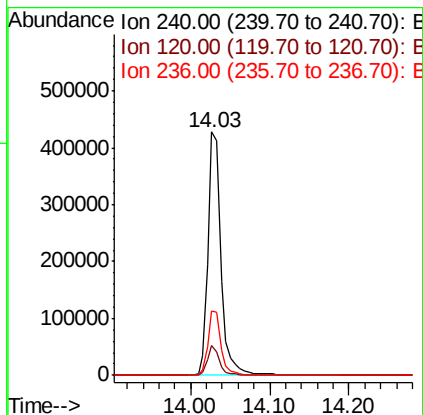
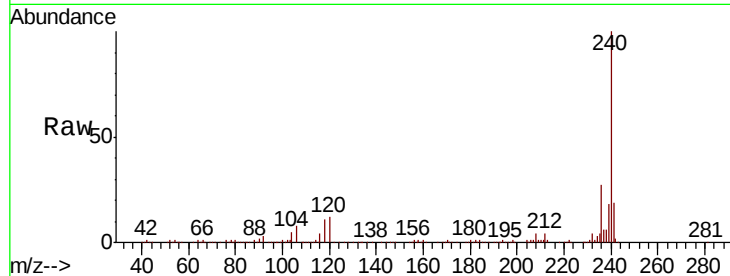




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BF115745.D
 Acq: 24 Jul 2019 11:10

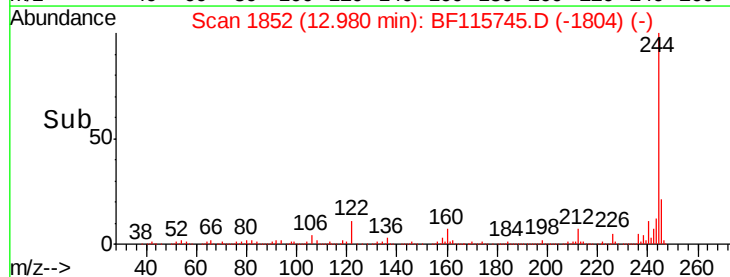
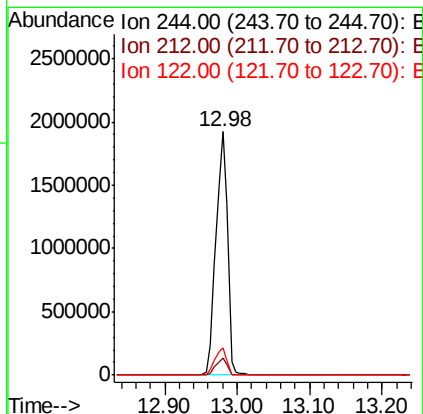
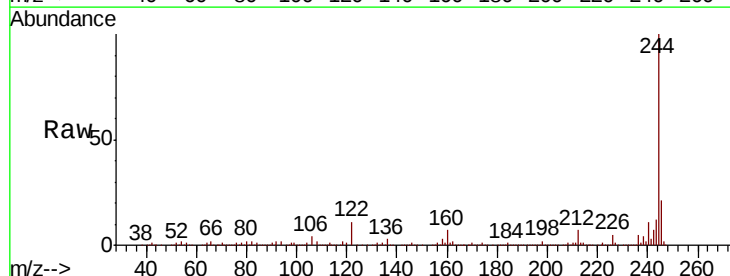
Instrument :
 BNA_F
 ClientSampleId :

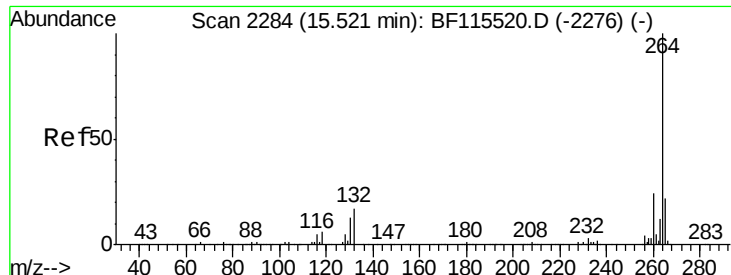
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.6	13.0
236	26.7	21.3	31.9



#79
 Terphenyl-d14
 Concen: 80.491 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.02 min
 Lab File: BF115745.D
 Acq: 24 Jul 2019 11:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	11.3	8.6	12.8

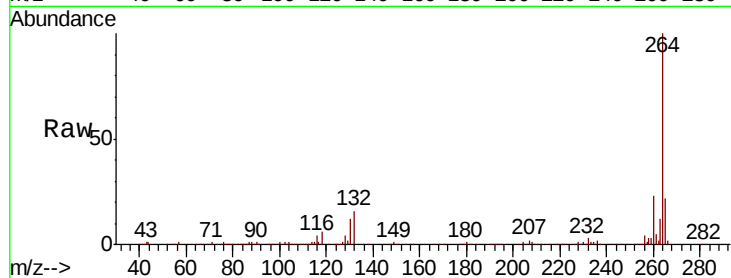




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.02 min
 Lab File: BF115745.D
 Acq: 24 Jul 2019 11:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.8	29.8
265	21.6	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

