

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115591.D
 Acq On : 16 Jul 2019 12:13
 Operator : HP/JU
 Sample : PB121222BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 15:29:46 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

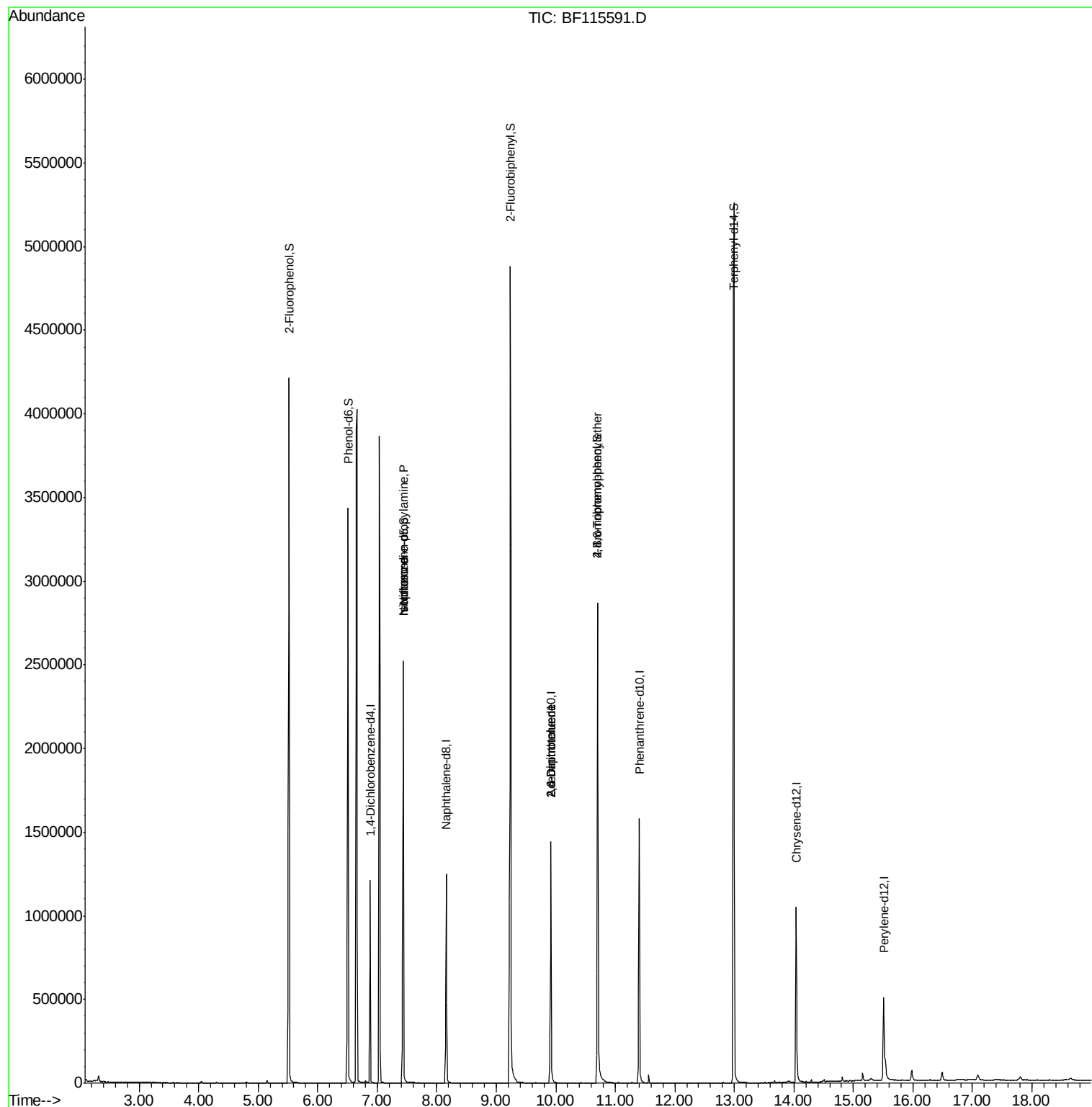
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	169696	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	664425	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	331819	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	653512	20.00	ng	0.00
76) Chrysene-d12	14.04	240	425035	20.00	ng	-0.01
87) Perylene-d12	15.51	264	343257	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1442673	139.06	ng	0.02
7) Phenol-d6	6.51	99	1647116	125.12	ng	0.00
23) Nitrobenzene-d5	7.44	82	1066227	93.31	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	462831	119.50	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	2022028	106.66	ng	-0.01
79) Terphenyl-d14	12.99	244	2105017	91.38	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.44	70	141502	16.482	ng	# 78
25) Isophorone	7.44	82	1026627	44.899	ng	# 64
51) 2,6-Dinitrotoluene	9.92	165	41672	7.345	ng	# 27
57) 2,4-Dinitrotoluene	9.92	165	41819	5.689	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	28768	3.852	ng	# 1

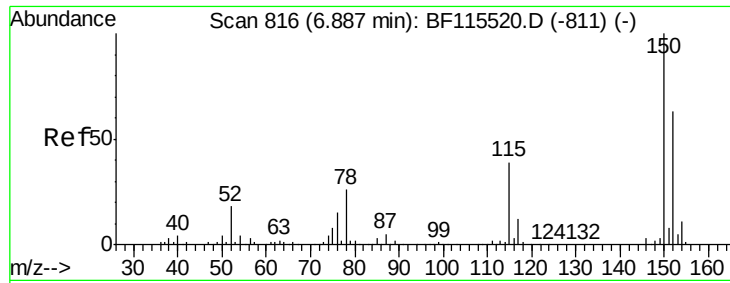
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 11 Sample Multiplier: 1

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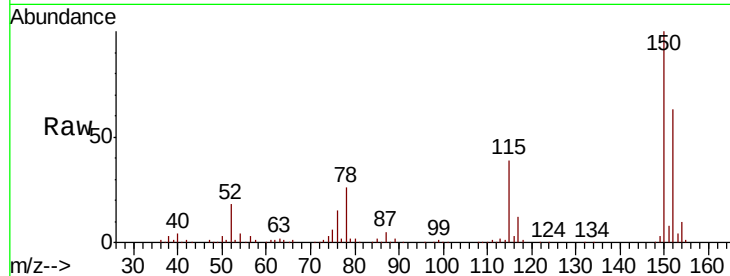


#1

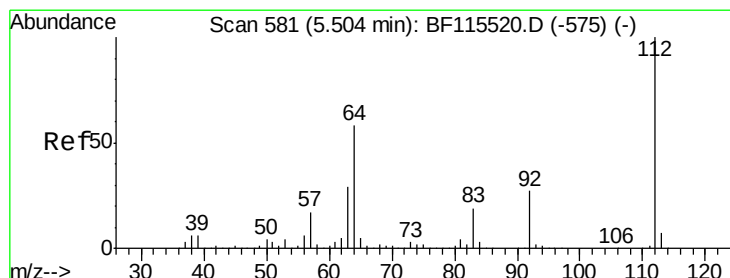
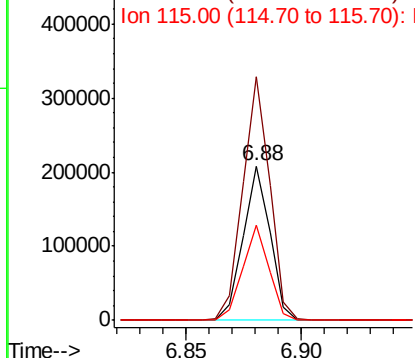
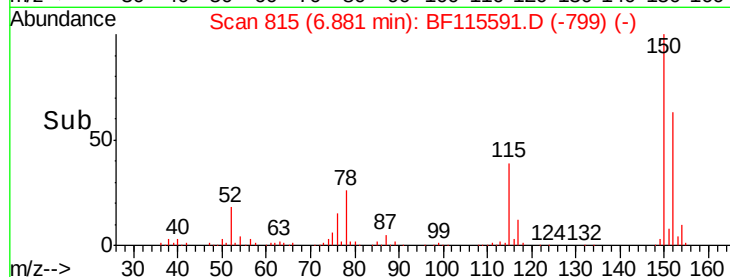
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115591.D
Acq: 16 Jul 2019 12:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 169696
Ion Ratio Lower Upper
152 100
150 157.6 129.7 194.5
115 61.6 48.2 72.4



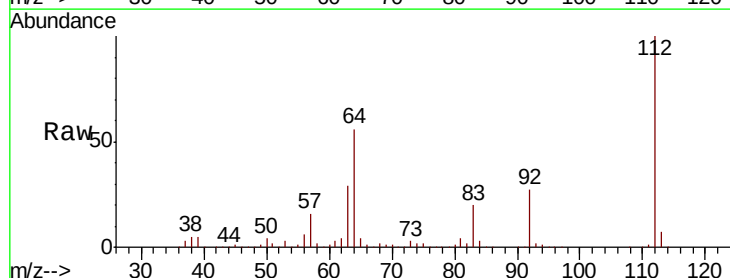
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



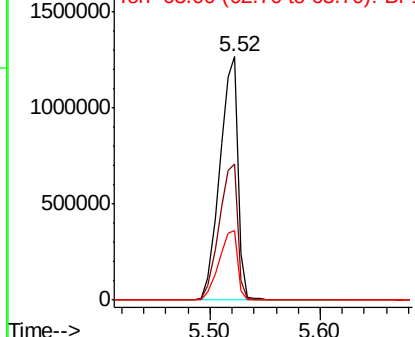
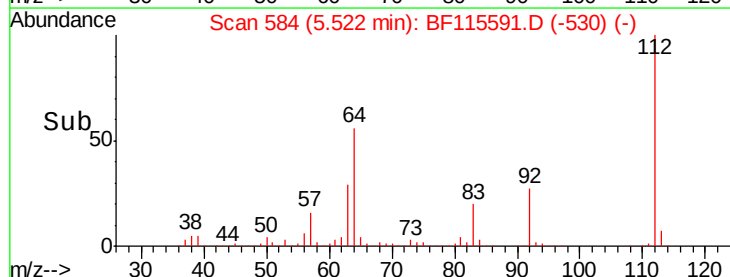
#5

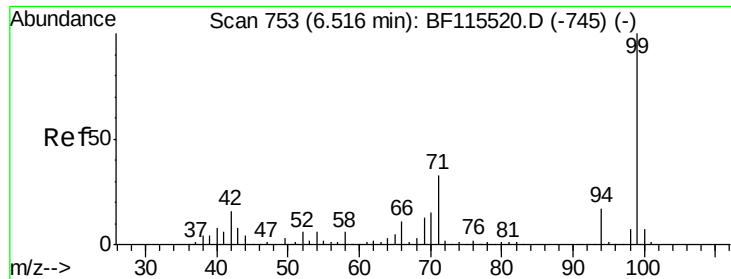
2-Fluorophenol
Concen: 139.060 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.02 min
Lab File: BF115591.D
Acq: 16 Jul 2019 12:13

Tgt Ion:112 Resp: 1442673
Ion Ratio Lower Upper
112 100
64 55.8 46.8 70.2
63 28.5 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: 125.123 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115591.D

Acq: 16 Jul 2019 12:13

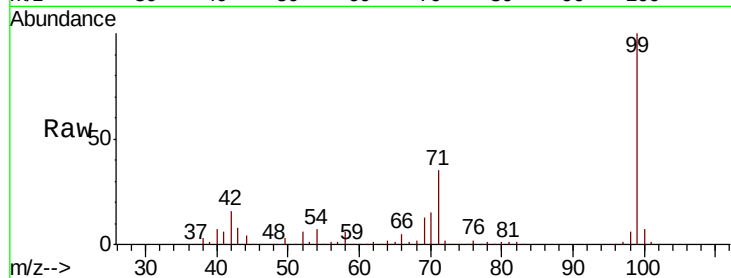
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1647116

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.6	20.4
71	35.2	28.5	42.7

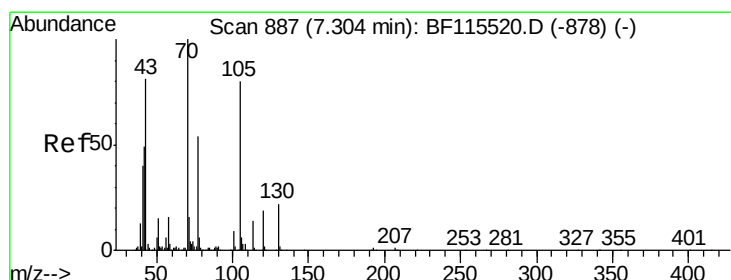
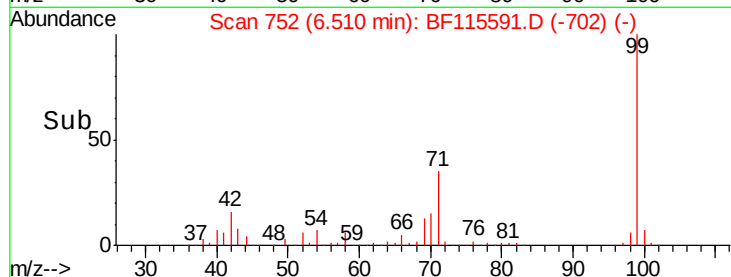
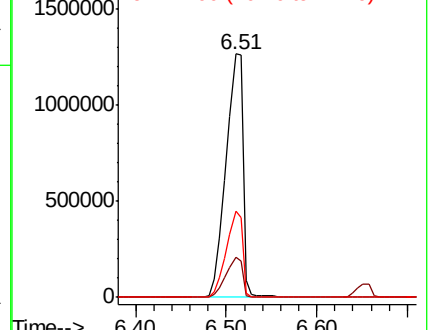


Abundance

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: 16.482 ng

RT: 7.44 min Scan# 910

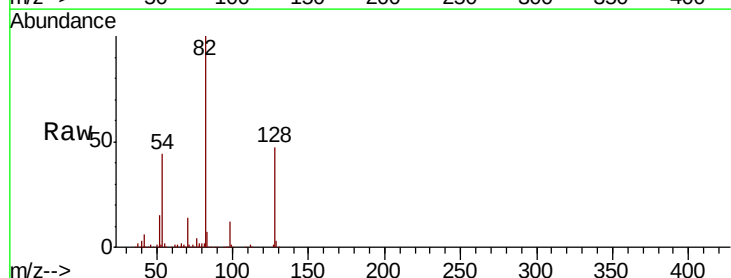
Delta R.T. 0.14 min

Lab File: BF115591.D

Acq: 16 Jul 2019 12:13

Tgt Ion: 70 Resp: 141502

Ion	Ratio	Lower	Upper
70	100		
42	41.2	39.6	59.4
101	0.0	8.1	12.1#
130	2.2	18.2	27.2#



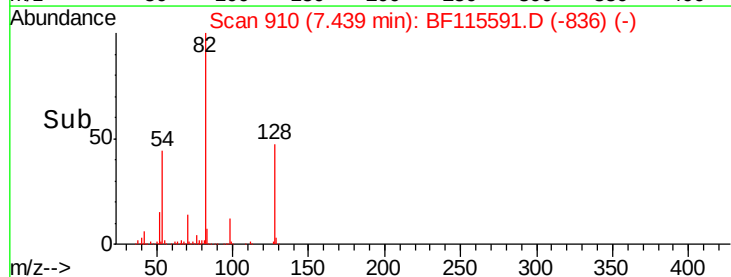
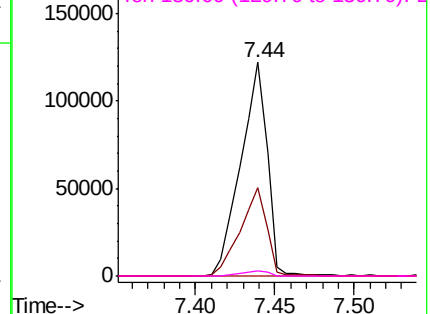
Abundance

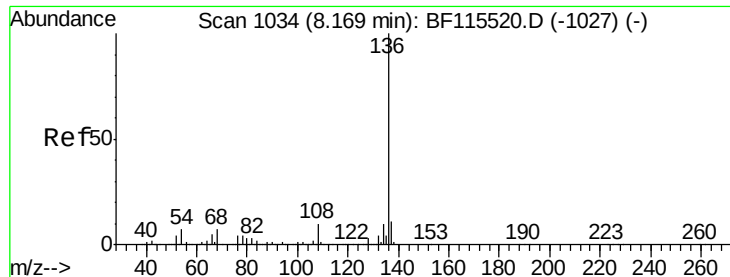
Ion 70.00 (69.70 to 70.70): BF1

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

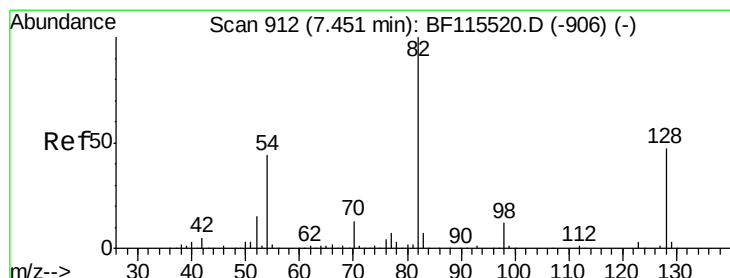
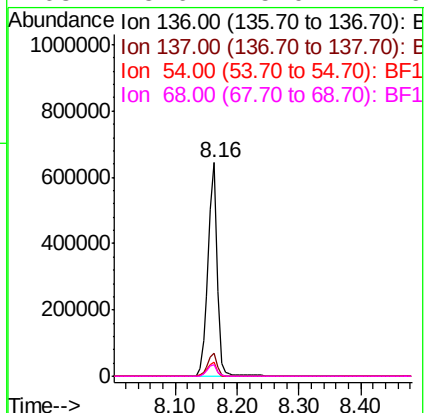
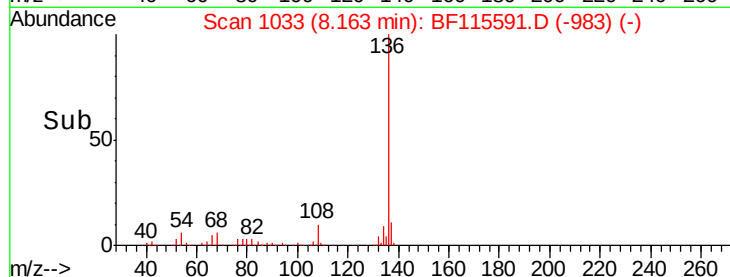
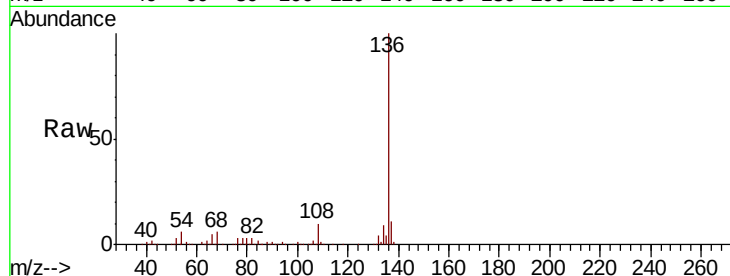




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115591.D
Acq: 16 Jul 2019 12:13

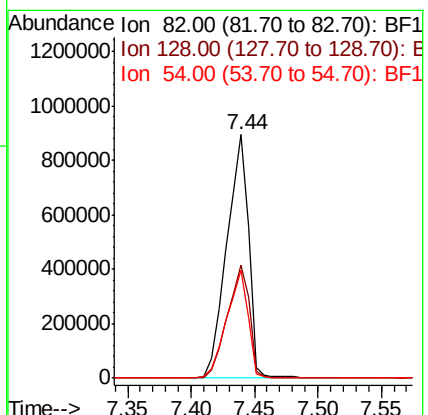
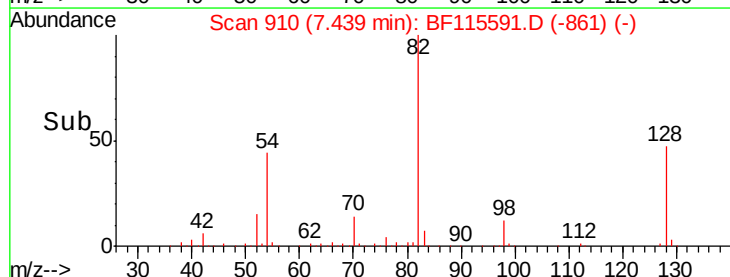
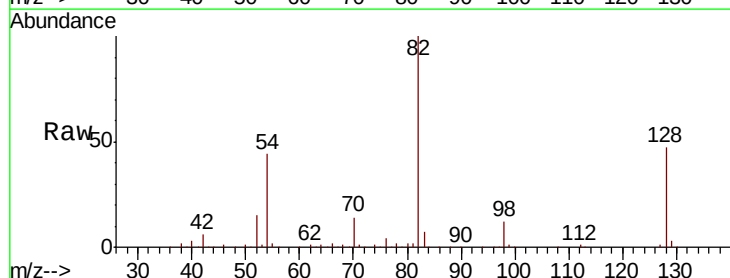
Instrument :
BNA_F
ClientSampleId :

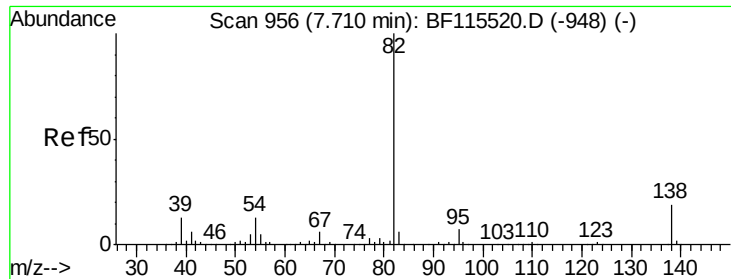
Tot Ion:136	Resp: 664425
Ion Ratio	Lower Upper
136 100	
137 10.9	9.0 13.4
54 6.4	5.6 8.4
68 5.6	5.0 7.6



#23
Nitrobenzene-d5
Concen: 93.310 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF115591.D
Acq: 16 Jul 2019 12:13

Tgt Ion: 82	Ratio 100	Resp: 1066227	Lower Upper
128	46.5	38.6	57.8
54	44.5	35.6	53.4





#25

Isophorone

Concen: 44.899 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.27 min

Lab File: BF115591.D

Acq: 16 Jul 2019 12:13

Instrument :

BNA_F

ClientSampleId :

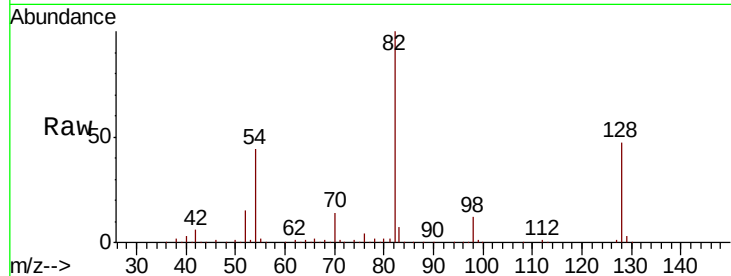
Tot Ion: 82 Resp: 1026627

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

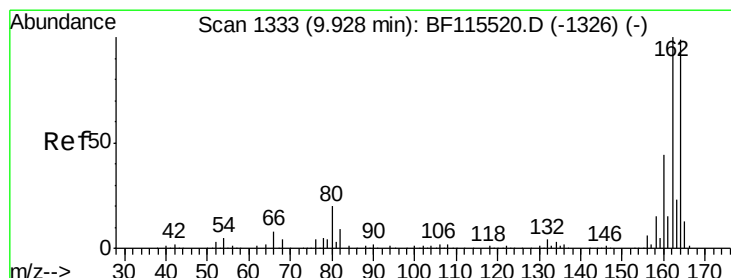
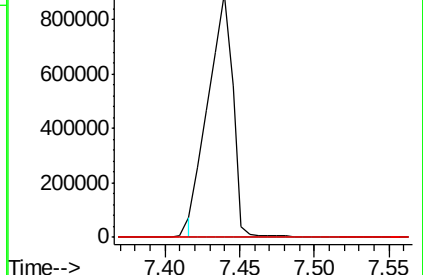
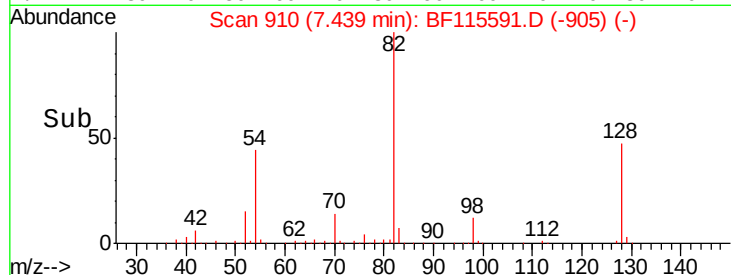
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF115591.D (-905) (-)

Ion 95.00 (94.70 to 95.70): BF115591.D (-905) (-)

Ion 138.00 (137.70 to 138.70): BF115591.D (-905) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF115591.D

Acq: 16 Jul 2019 12:13

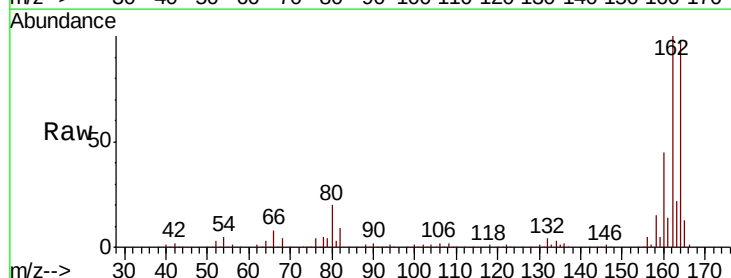
Tgt Ion: 164 Resp: 331819

Ion Ratio Lower Upper

164 100

162 102.3 82.9 124.3

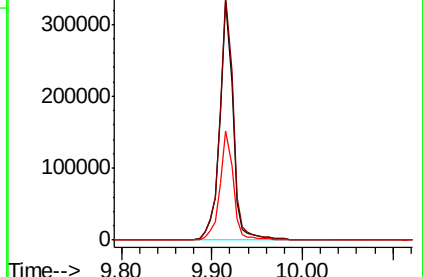
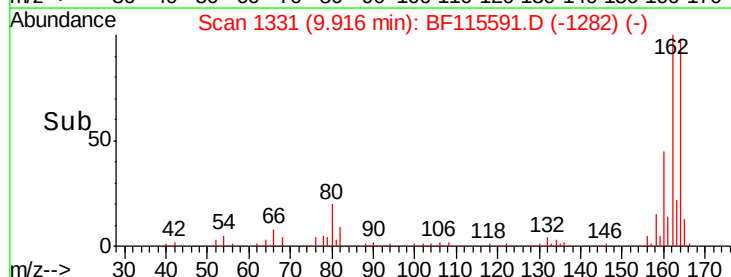
160 45.9 36.8 55.2

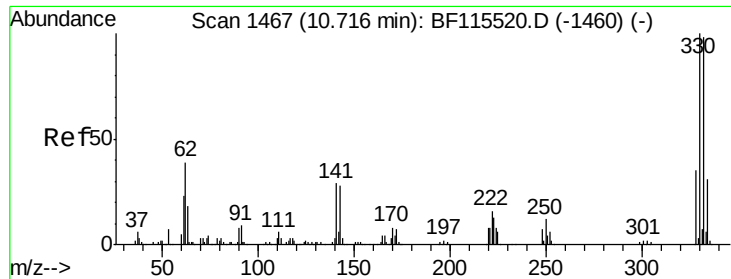


Abundance Ion 164.00 (163.70 to 164.70): BF115591.D (-1282) (-)

Ion 162.00 (161.70 to 162.70): BF115591.D (-1282) (-)

Ion 160.00 (159.70 to 160.70): BF115591.D (-1282) (-)

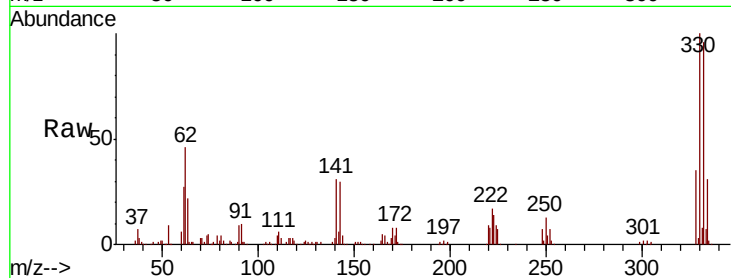




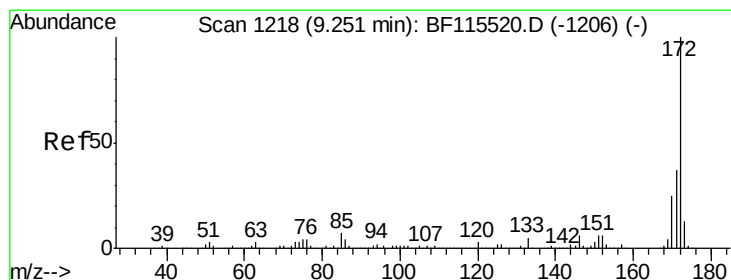
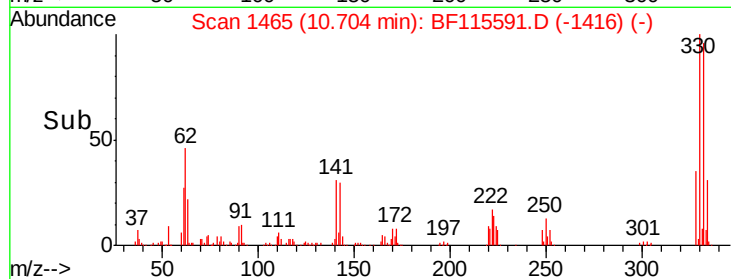
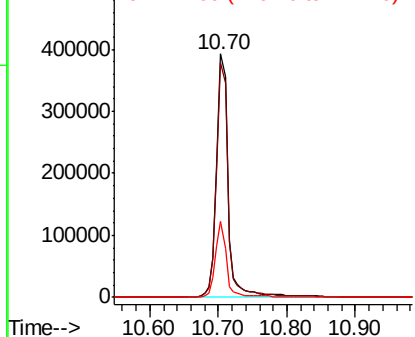
#42
 2,4,6-Tribromophenol
 Concen: 119.498 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF115591.D
 Acq: 16 Jul 2019 12:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 462831
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 30.4 22.4 33.6

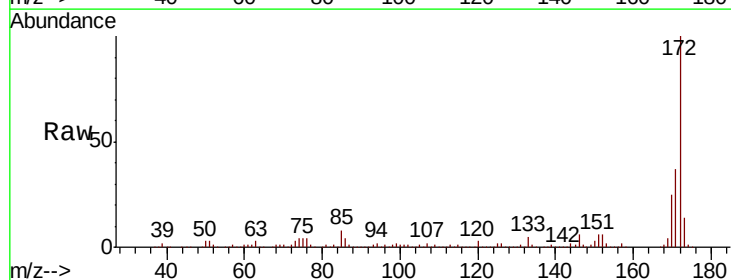


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

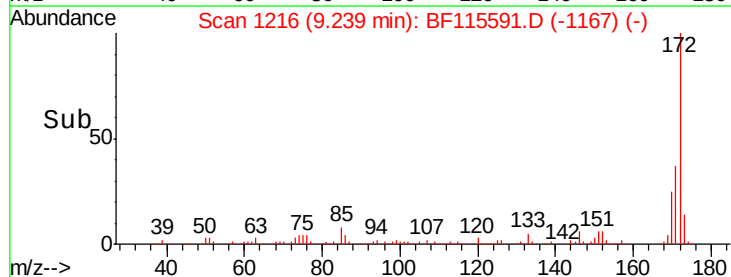
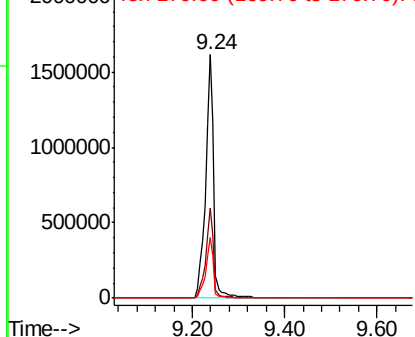


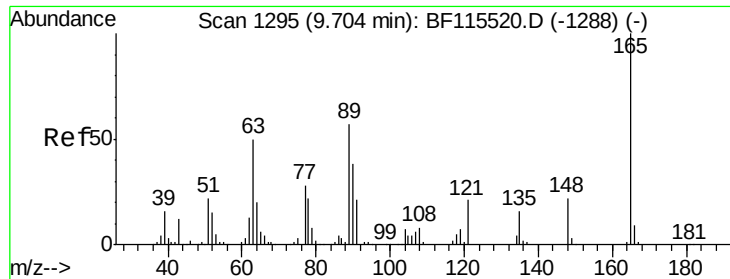
#45
 2-Fluorobiphenyl
 Concen: 106.658 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF115591.D
 Acq: 16 Jul 2019 12:13

Tgt Ion:172 Resp: 2022028
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.6 46.0
 170 24.9 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

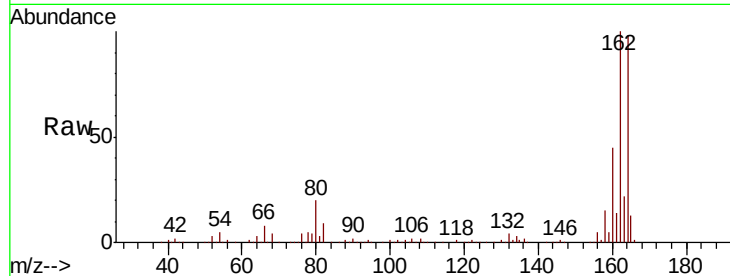




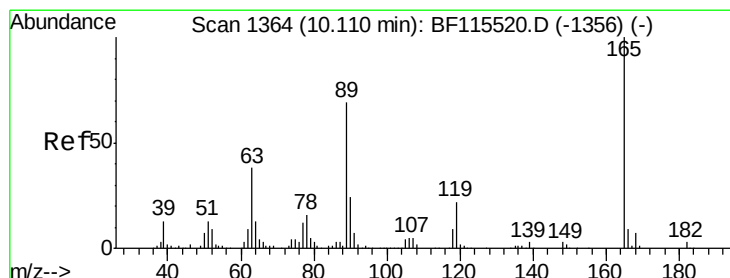
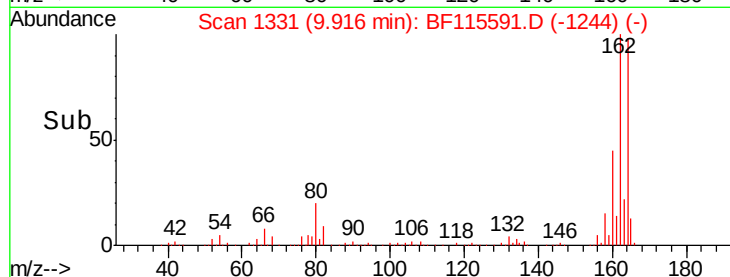
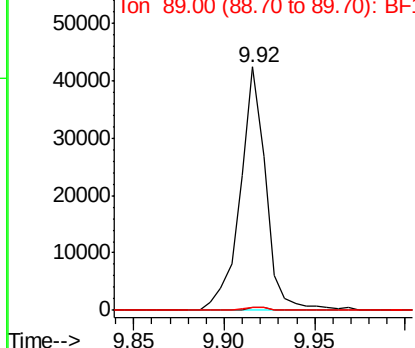
#51
2,6-Dinitrotoluene
Concen: 7.345 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.21 min
Lab File: BF115591.D
Acq: 16 Jul 2019 12:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 41672
Ion Ratio Lower Upper
165 100
63 1.4 40.6 61.0#
89 1.2 43.9 65.9#

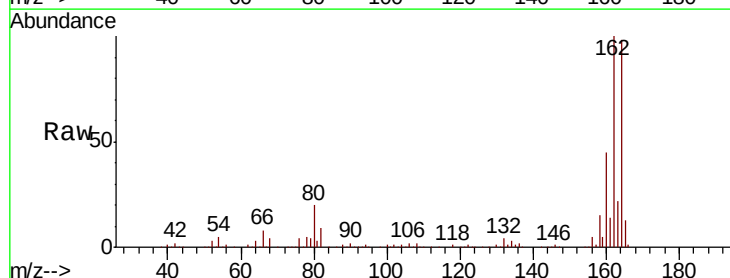


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

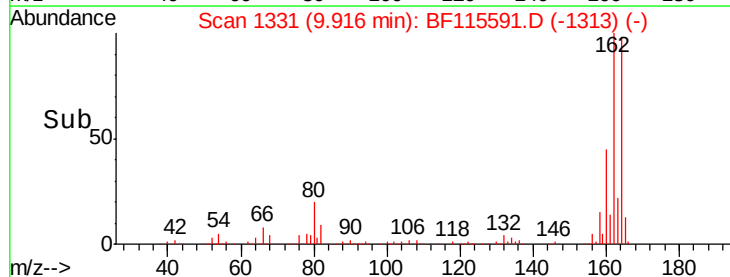
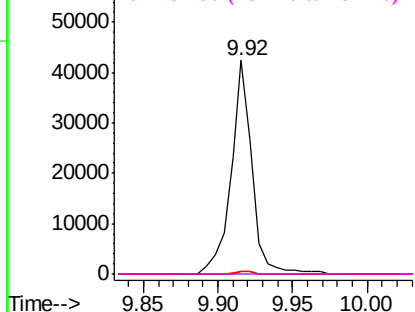


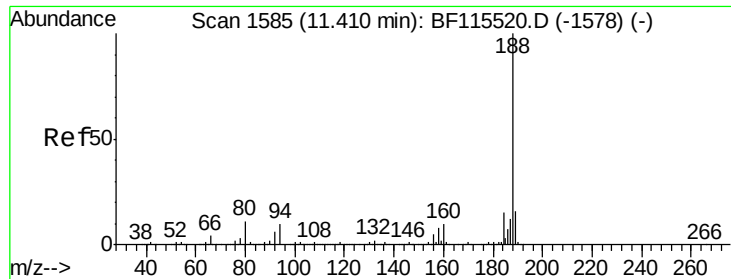
#57
2,4-Dinitrotoluene
Concen: 5.689 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF115591.D
Acq: 16 Jul 2019 12:13

Tgt Ion:165 Resp: 41819
Ion Ratio Lower Upper
165 100
63 1.4 34.9 52.3#
89 1.2 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: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115591.D

Acq: 16 Jul 2019 12:13

Instrument :

BNA_F

ClientSampleId :

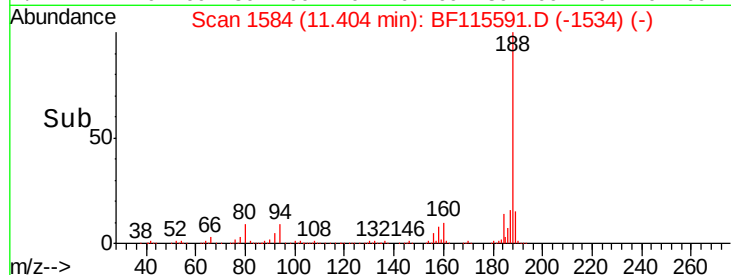
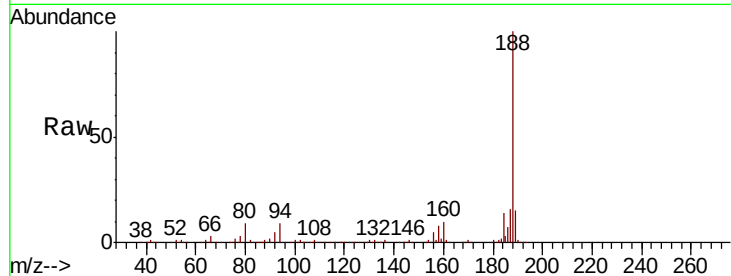
Tot Ion:188 Resp: 653512

Ion Ratio Lower Upper

188 100

94 8.9 7.8 11.6

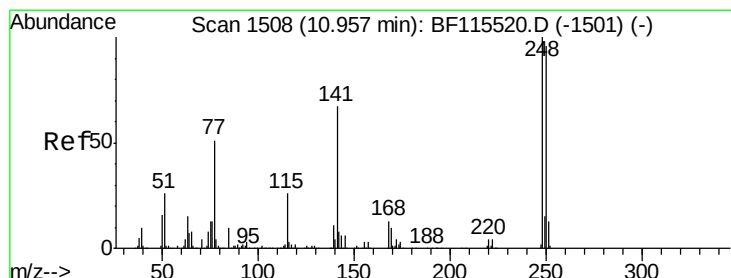
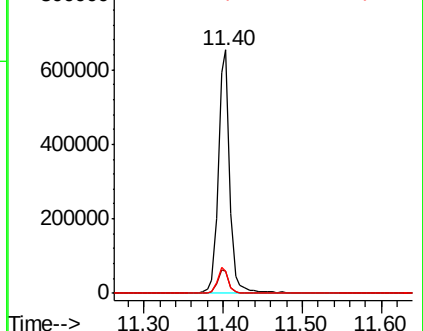
80 9.1 8.6 13.0



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: 3.852 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.25 min

Lab File: BF115591.D

Acq: 16 Jul 2019 12:13

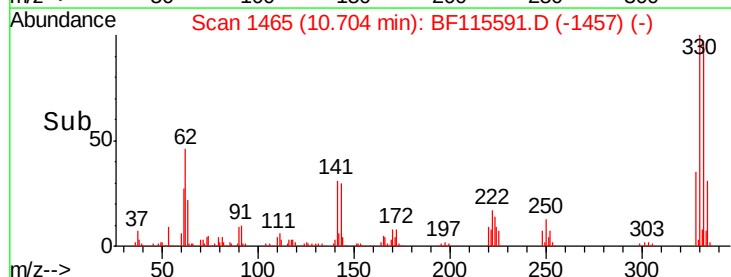
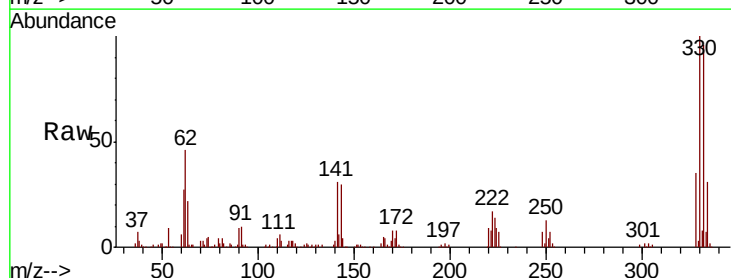
Tgt Ion:248 Resp: 28768

Ion Ratio Lower Upper

248 100

250 192.2 78.0 117.0#

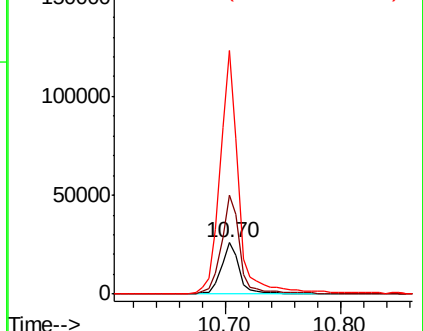
141 472.2 57.7 86.5#

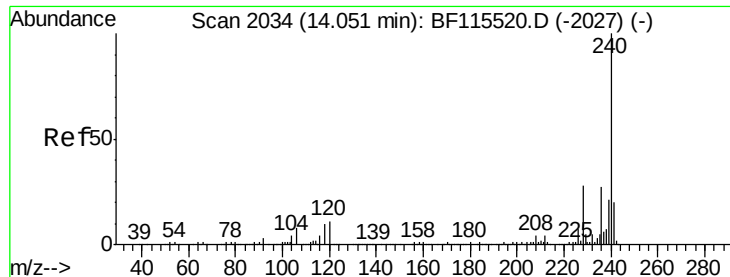


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

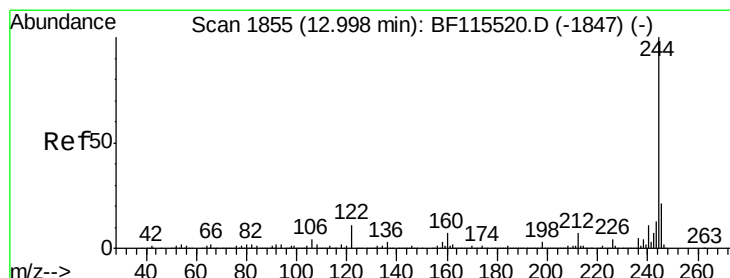
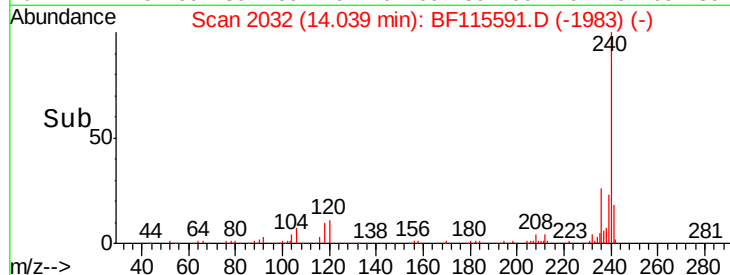
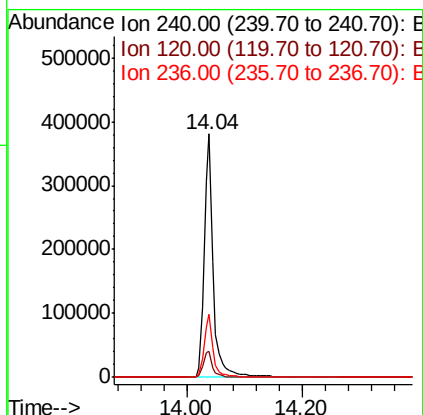
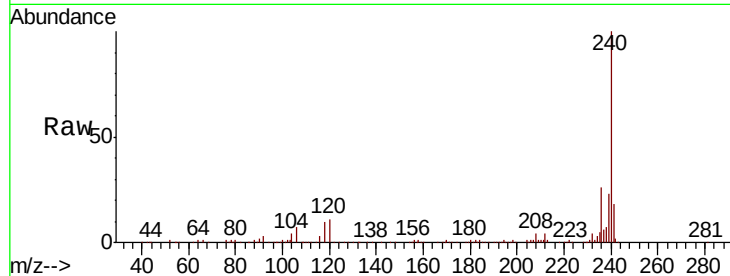




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF115591.D
Acq: 16 Jul 2019 12:13

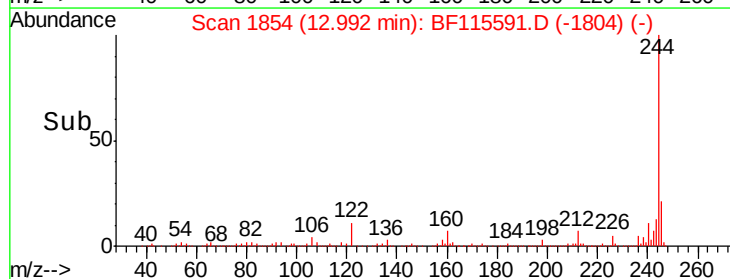
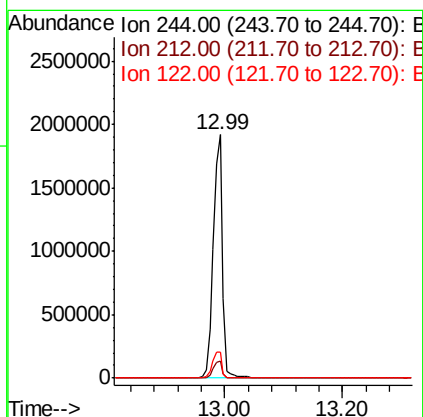
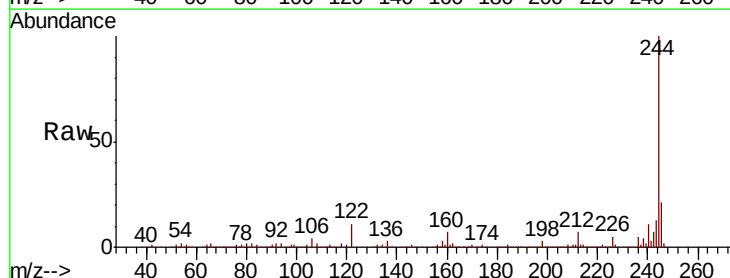
Instrument :
BNA_F
ClientSampleId :

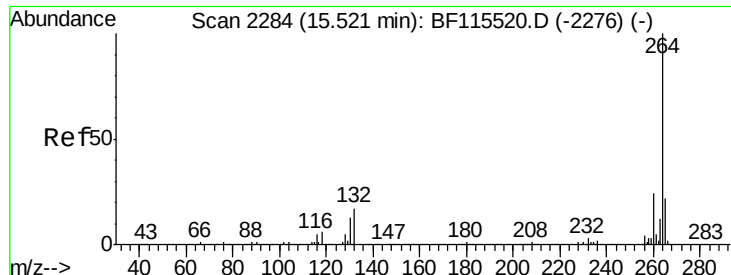
Tot Ion:240 Resp: 425035
Ion Ratio Lower Upper
240 100
120 10.6 8.6 13.0
236 26.2 21.3 31.9



#79
Terphenyl-d14
Concen: 91.383 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF115591.D
Acq: 16 Jul 2019 12:13

Tgt Ion:244 Resp: 2105017
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 10.8 8.6 12.8

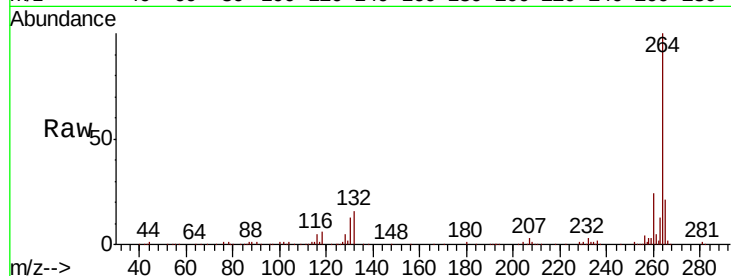




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF115591.D
Acq: 16 Jul 2019 12:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	343257
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.8
265	21.2	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

