

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
 Data File : BF115499.D
 Acq On : 11 Jul 2019 15:07
 Operator : HP/JU
 Sample : K3636-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP19-JMW0961-9001

Quant Time: Jul 12 03:12:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	147090	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	561167	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	286046	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	576967	20.00	ng	0.00
76) Chrysene-d12	14.05	240	419505	20.00	ng	-0.02
87) Perylene-d12	15.53	264	354820	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	465244	48.87	ng	0.00
7) Phenol-d6	6.51	99	391758	32.36	ng	-0.01
23) Nitrobenzene-d5	7.45	82	843199	88.78	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	324651	102.65	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1522343	93.39	ng	0.00
79) Terphenyl-d14	13.00	244	1809071	88.30	ng	0.00

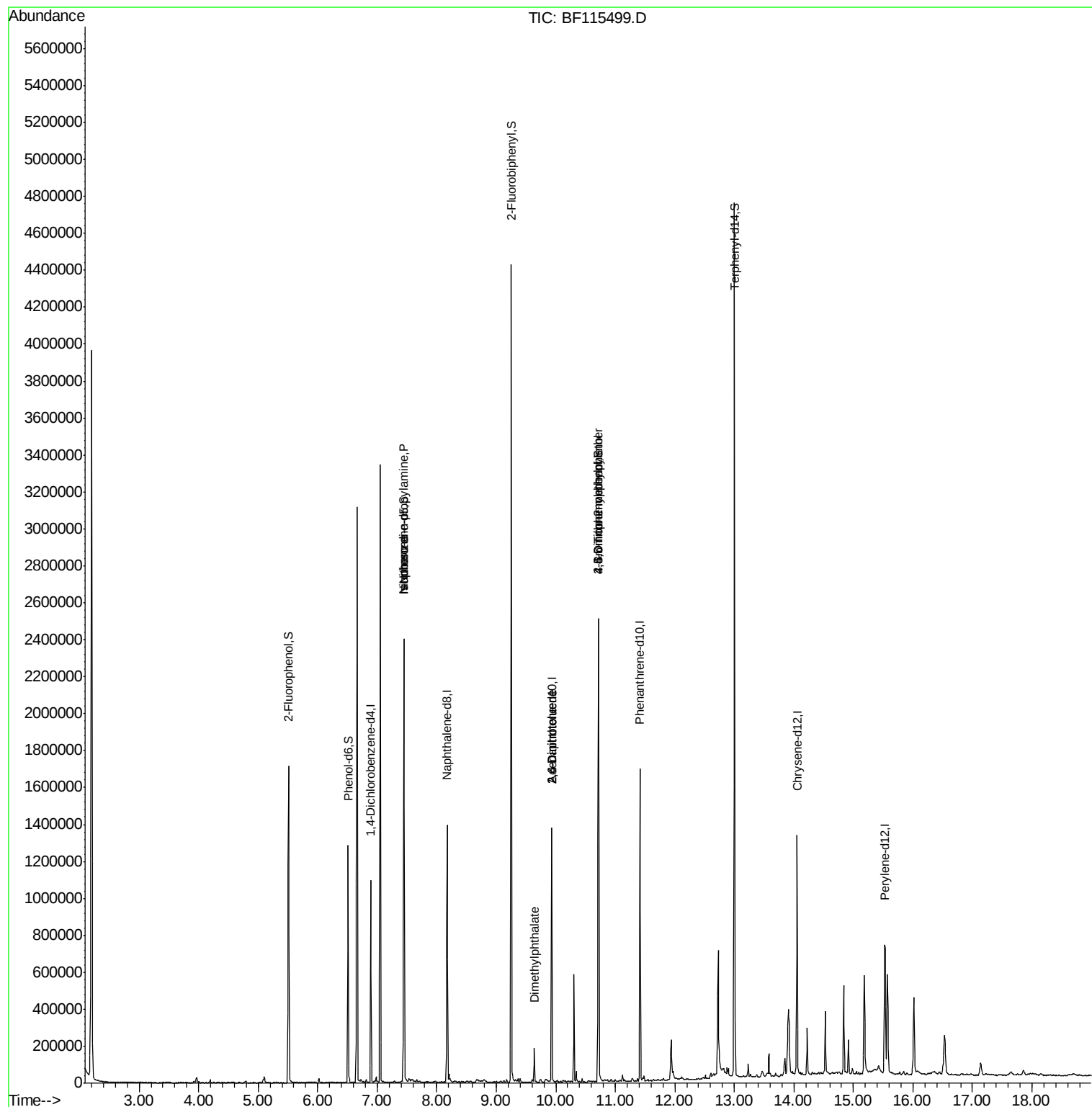
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.66	77	19368	Below Cal	#	79
19) n-Nitroso-di-n-propylamine	7.45	70	113165	13.815	ng	# 78
25) Isophorone	7.45	82	834169	40.519	ng	# 64
50) Dimethylphthalate	9.64	163	69966	3.259	ng	# 98
51) 2,6-Dinitrotoluene	9.93	165	36417	7.821	ng	# 28
57) 2,4-Dinitrotoluene	9.93	165	36417	6.154	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.72	198	705	8.031	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	20116	3.107	ng	# 1

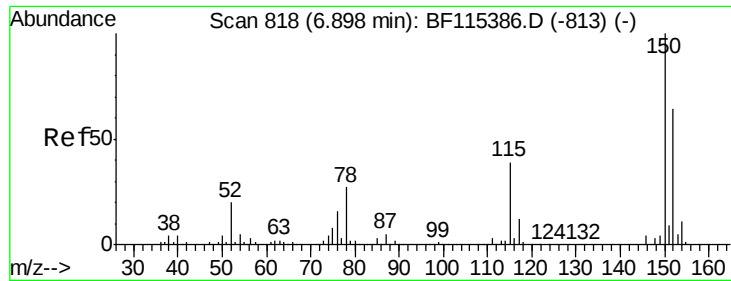
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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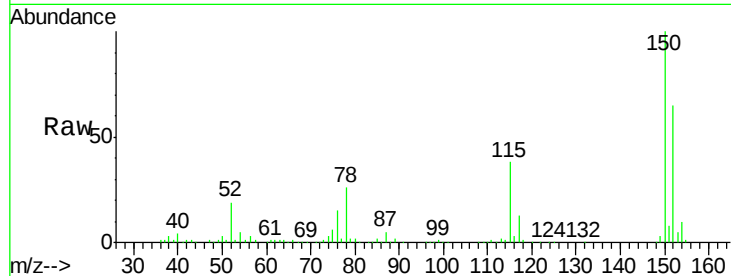


#1

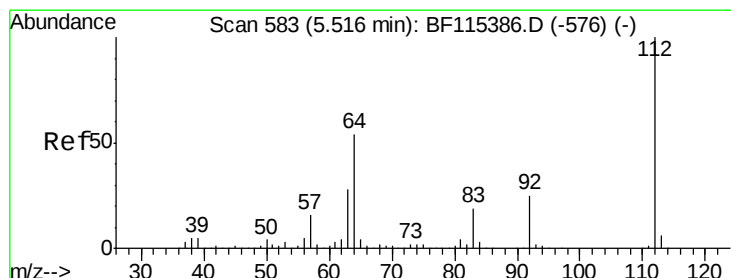
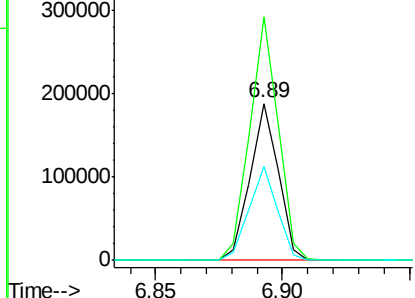
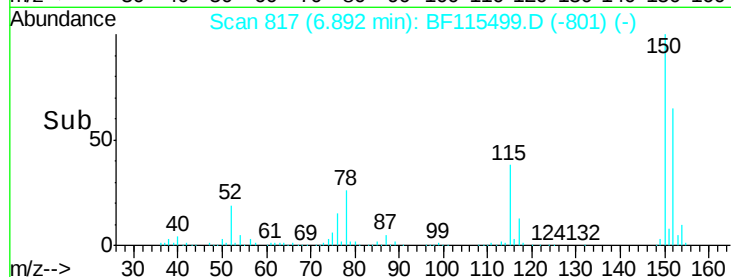
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115499.D
Acq: 11 Jul 2019 15:07

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0961-9001

Tot Ion:152 Resp: 147090
Ion Ratio Lower Upper
152 100
150 155.0 127.4 191.2
115 59.6 46.2 69.4



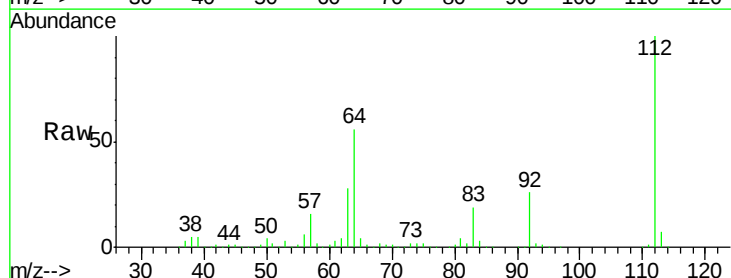
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



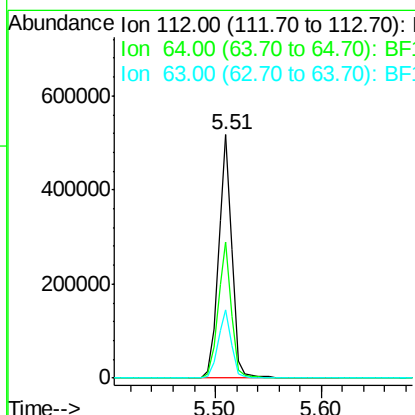
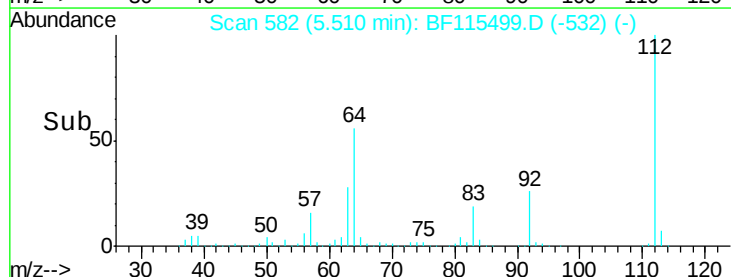
#5

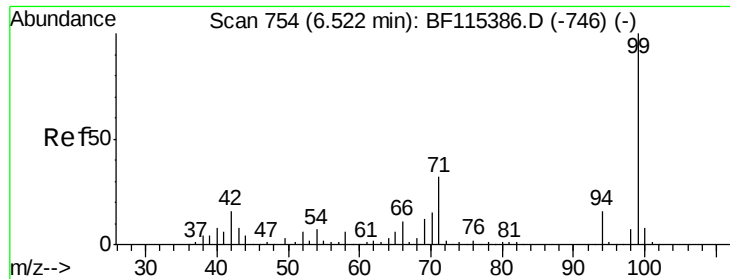
2-Fluorophenol
Concen: 48.869 ng
RT: 5.51 min Scan# 582
Delta R.T. -0.01 min
Lab File: BF115499.D
Acq: 11 Jul 2019 15:07

Tgt Ion:112 Resp: 465244
Ion Ratio Lower Upper
112 100
64 55.9 44.2 66.2
63 28.0 22.1 33.1



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: 32.356 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF115499.D

Acq: 11 Jul 2019 15:07

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0961-9001

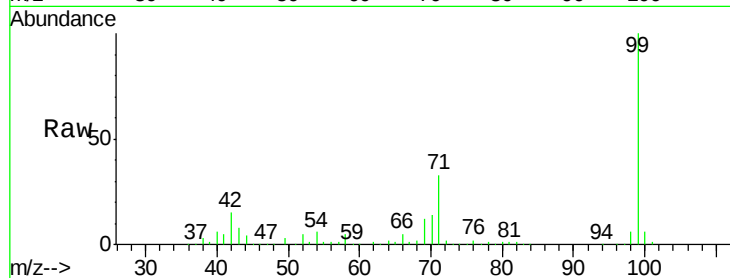
Tot Ion: 99 Resp: 391758

Ion Ratio Lower Upper

99 100

42 15.3 12.8 19.2

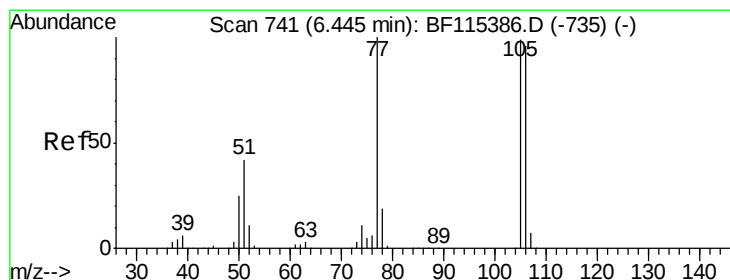
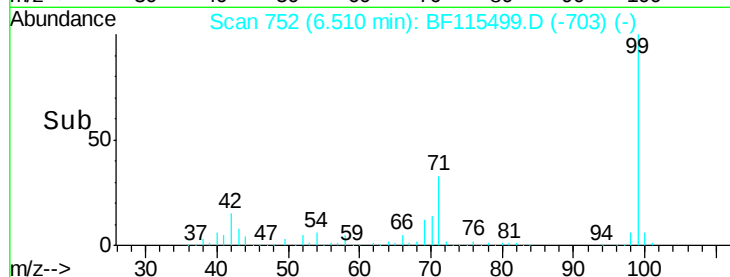
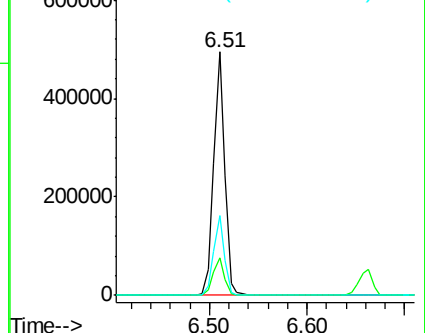
71 32.6 26.5 39.7



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



#9

Benzaldehyde

Concen: Below Cal

RT: 6.66 min Scan# 778

Delta R.T. 0.22 min

Lab File: BF115499.D

Acq: 11 Jul 2019 15:07

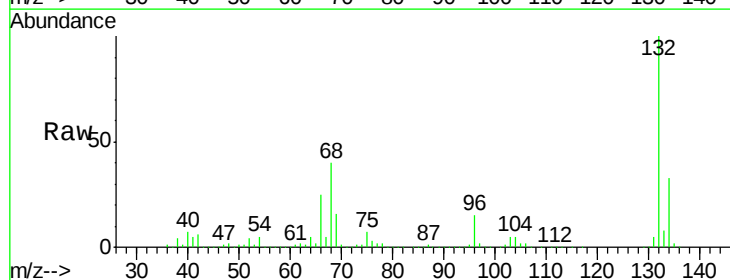
Tgt Ion: 77 Resp: 19368

Ion Ratio Lower Upper

77 100

105 84.1 82.9 122.9

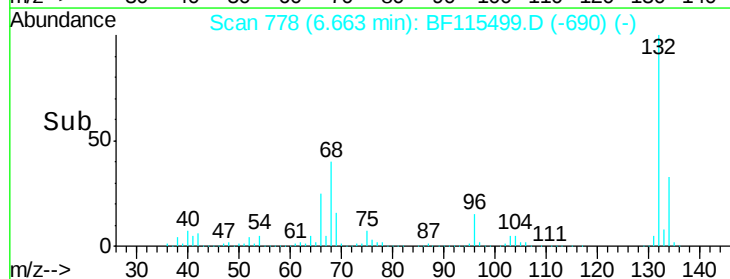
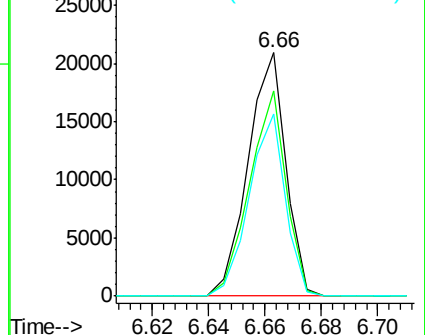
106 74.7 77.8 117.8#

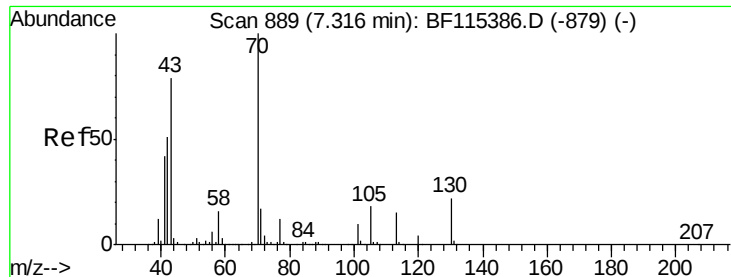


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#19

n-Nitroso-di-n-propylamine

Concen: 13.815 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.14 min

Lab File: BF115499.D

Acq: 11 Jul 2019 15:07

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0961-9001

Tot Ion: 70 Resp: 113165

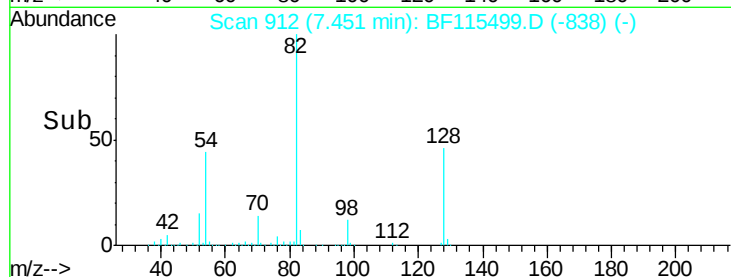
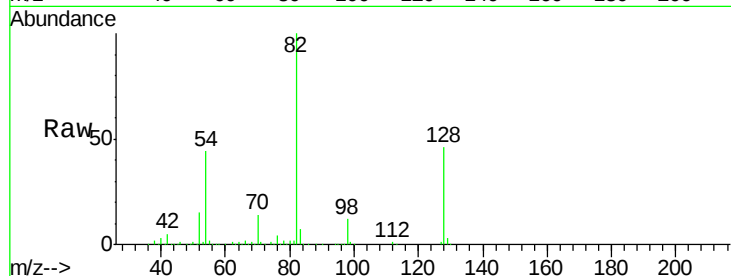
Ion Ratio Lower Upper

70 100

42 40.7 38.5 57.7

101 0.0 8.0 12.0#

130 2.4 19.1 28.7#

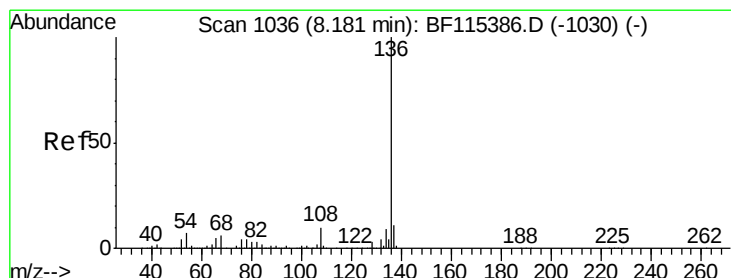
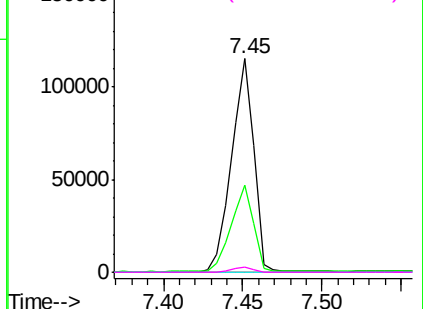


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF115499.D

Acq: 11 Jul 2019 15:07

Tgt Ion: 136 Resp: 561167

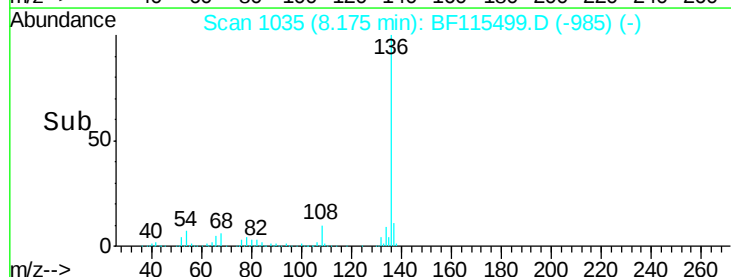
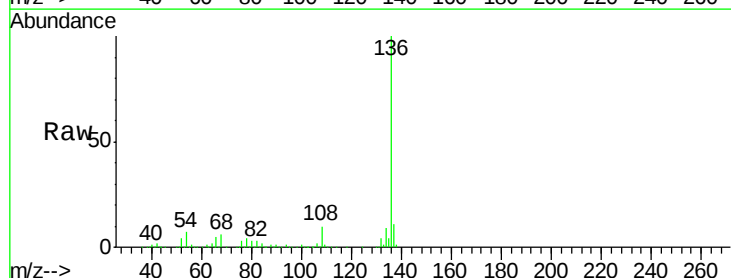
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 6.7 5.4 8.0

68 6.1 4.8 7.2

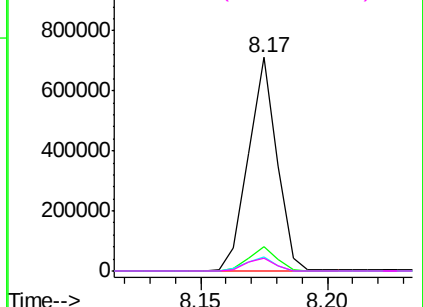


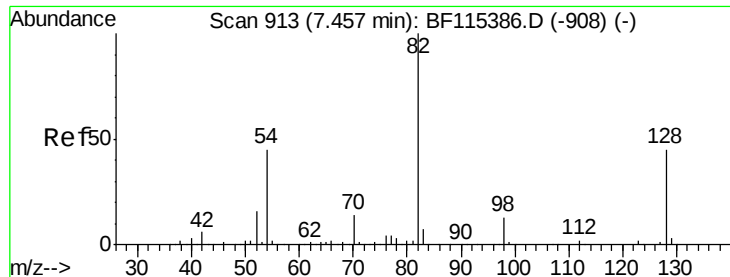
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

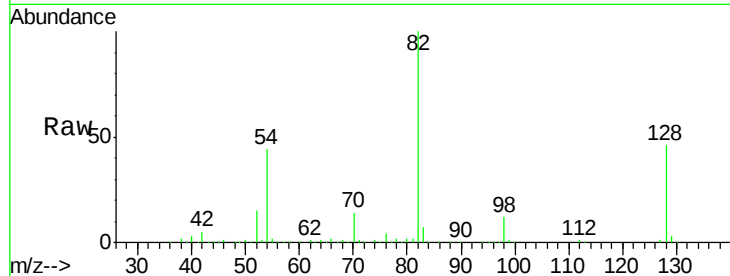




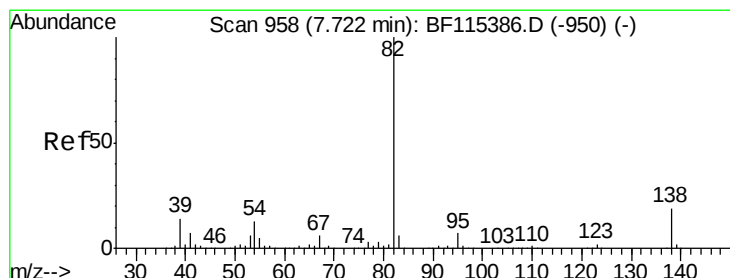
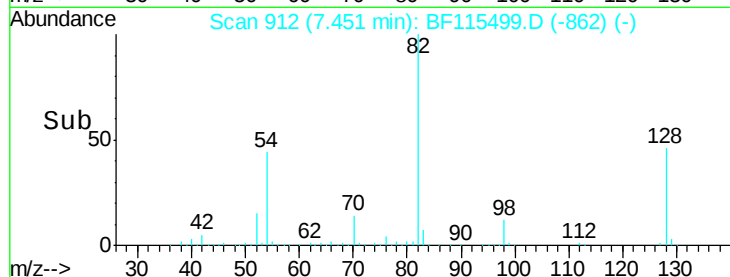
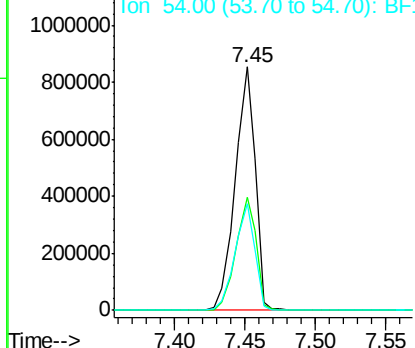
#23
 Nitrobenzene-d5
 Concen: 88.777 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF115499.D
 Acq: 11 Jul 2019 15:07

Instrument :
 BNA_F
 ClientSampleId :
 SP19-JMW0961-9001

Tot Ion: 82 Resp: 843199
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.7 55.1
 54 43.9 35.6 53.4

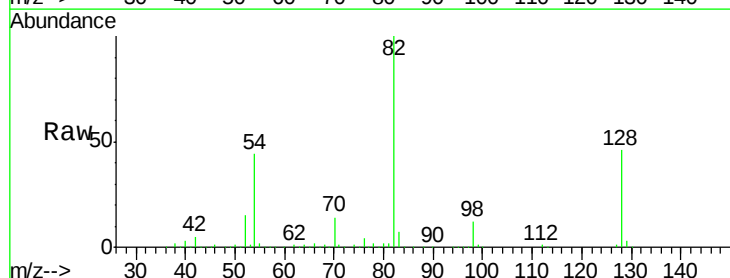


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

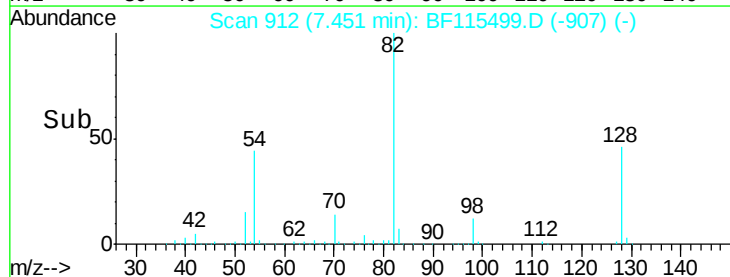
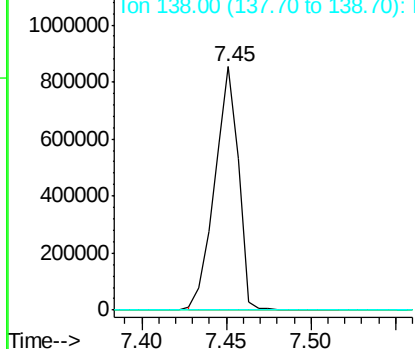


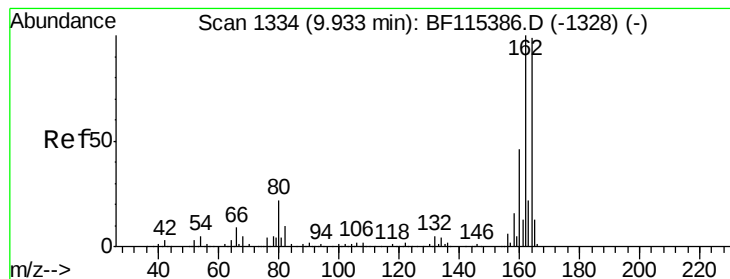
#25
 Isophorone
 Concen: 40.519 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.27 min
 Lab File: BF115499.D
 Acq: 11 Jul 2019 15:07

Tgt Ion: 82 Resp: 834169
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 15.1 22.7#



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: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF115499.D

Acq: 11 Jul 2019 15:07

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0961-9001

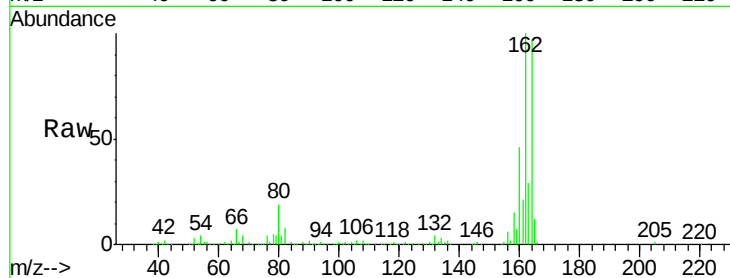
Tot Ion:164 Resp: 286046

Ion Ratio Lower Upper

164 100

162 102.6 82.3 123.5

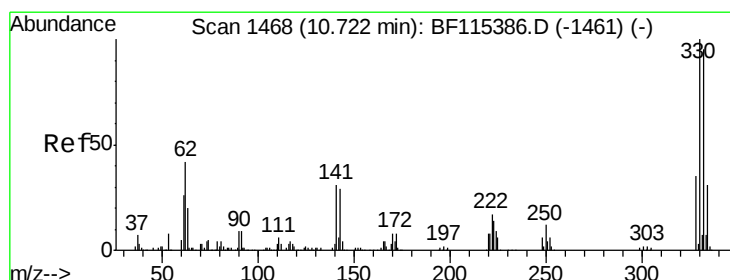
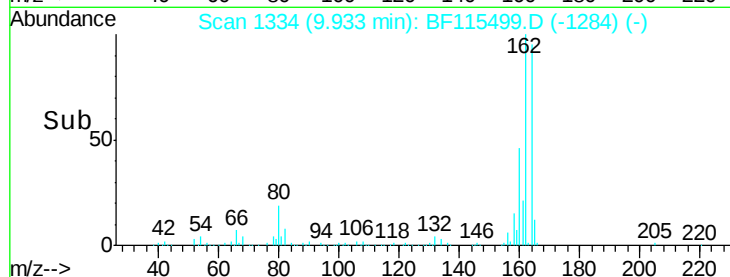
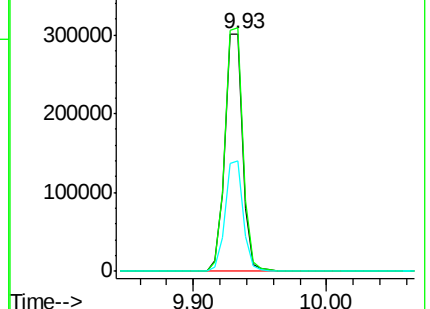
160 46.7 37.2 55.8



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: 102.649 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BF115499.D

Acq: 11 Jul 2019 15:07

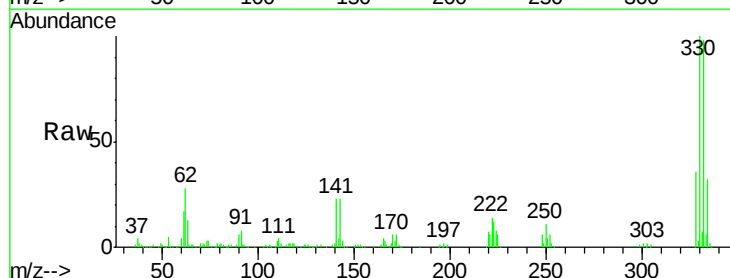
Tgt Ion:330 Resp: 324651

Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.0

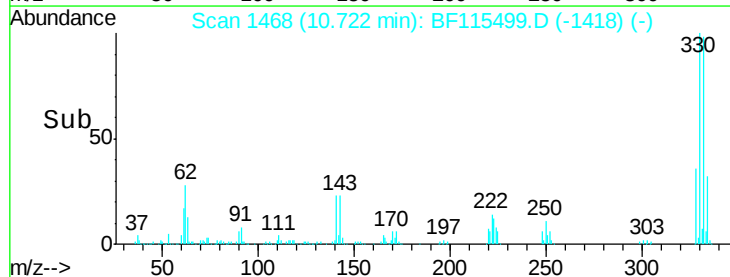
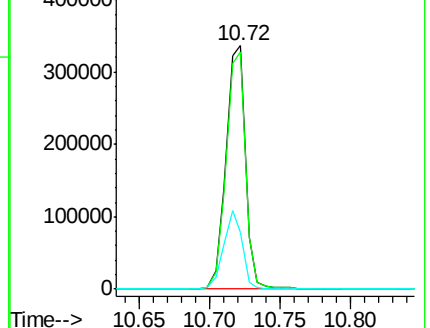
141 30.7 24.7 37.1

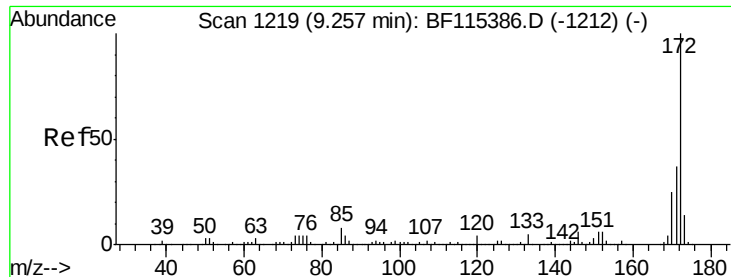


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

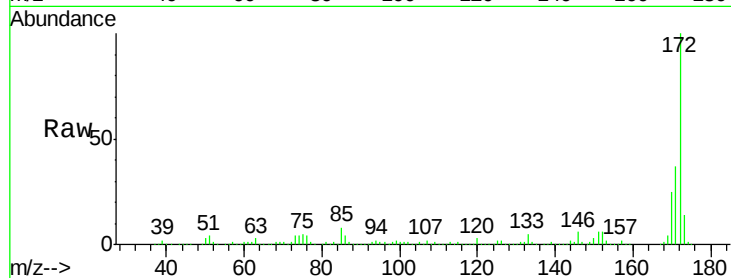




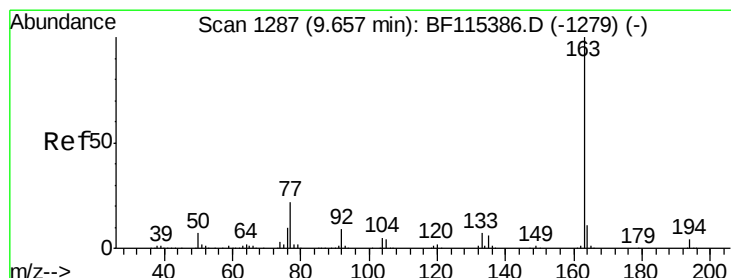
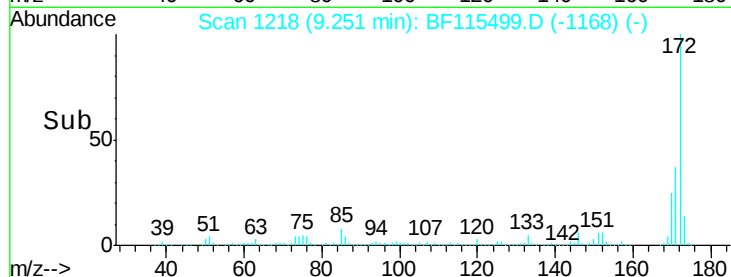
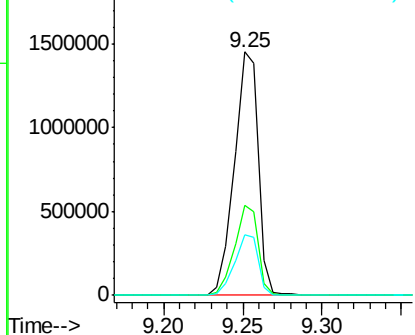
#45
2-Fluorobiphenyl
Concen: 93.388 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF115499.D
Acq: 11 Jul 2019 15:07

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0961-9001

Tot Ion:172 Resp: 1522343
Ion Ratio Lower Upper
172 100
171 36.8 29.8 44.8
170 24.8 20.0 30.0

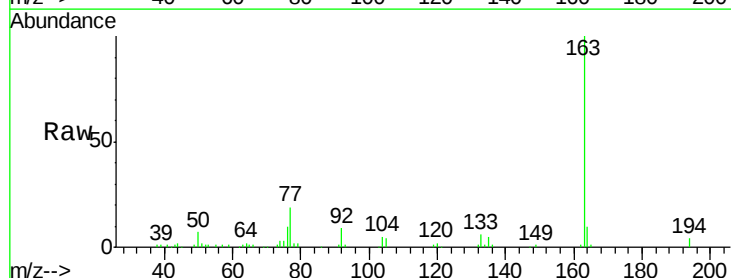


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

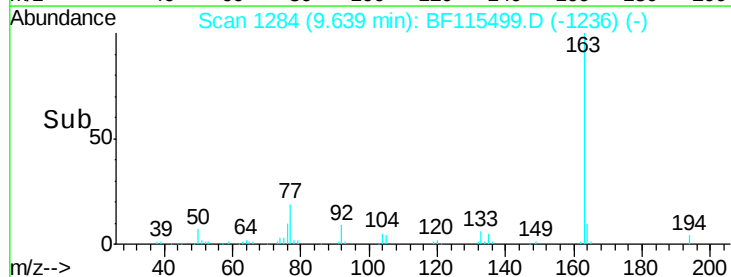
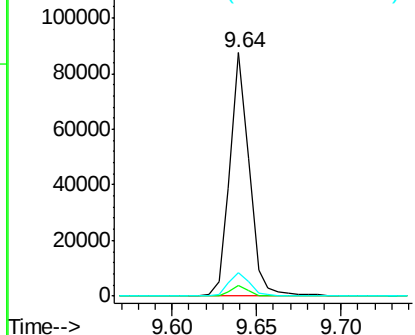


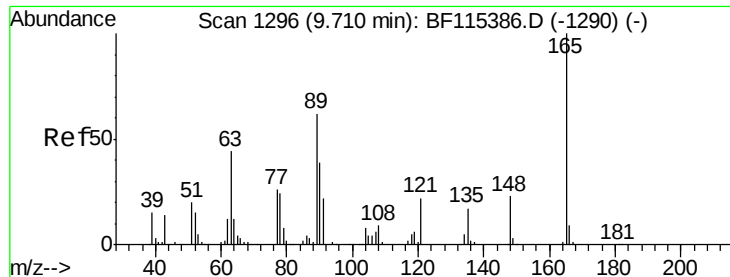
#50
Dimethylphthalate
Concen: 3.259 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF115499.D
Acq: 11 Jul 2019 15:07

Tgt Ion:163 Resp: 69966
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 9.9 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E
120000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 7.821 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.21 min

Lab File: BF115499.D

Acq: 11 Jul 2019 15:07

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0961-9001

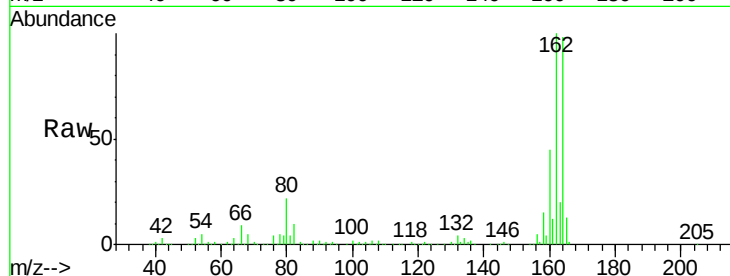
Tot Ion:165 Resp: 36417

Ion Ratio Lower Upper

165 100

63 0.9 39.7 59.5#

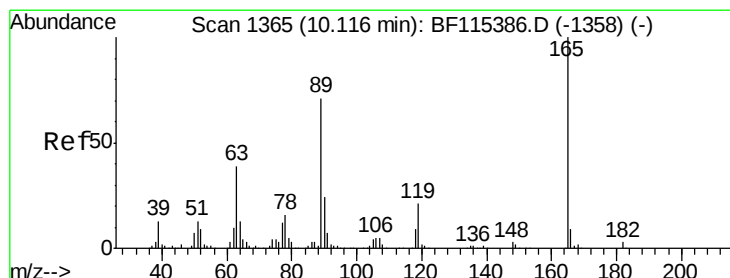
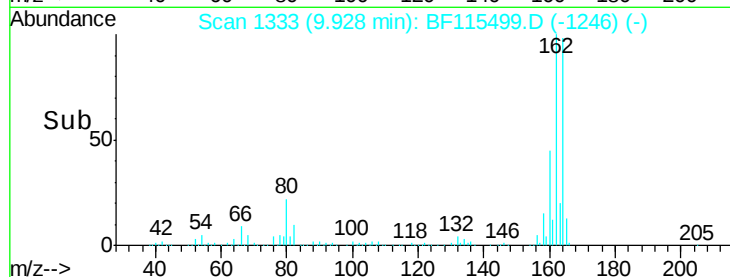
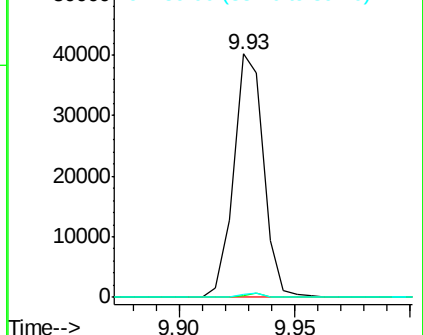
89 1.3 42.8 64.2#



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: 6.154 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.19 min

Lab File: BF115499.D

Acq: 11 Jul 2019 15:07

Tgt Ion:165 Resp: 36417

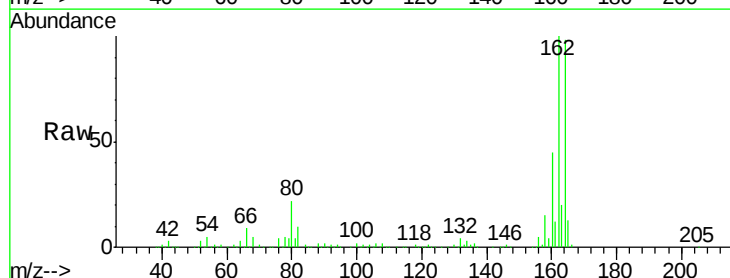
Ion Ratio Lower Upper

165 100

63 0.9 33.0 49.4#

89 1.3 58.5 87.7#

182 0.0 2.1 3.1#

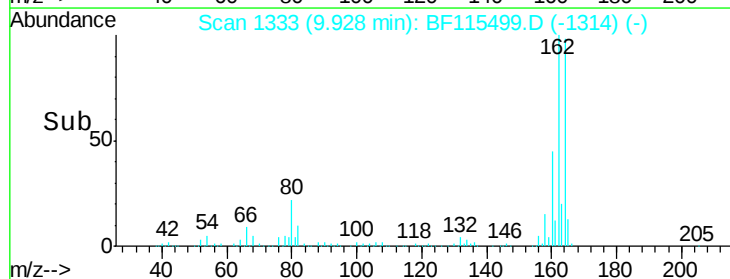
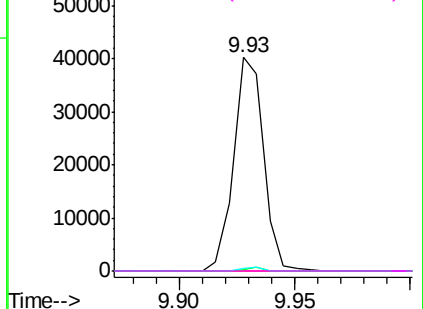


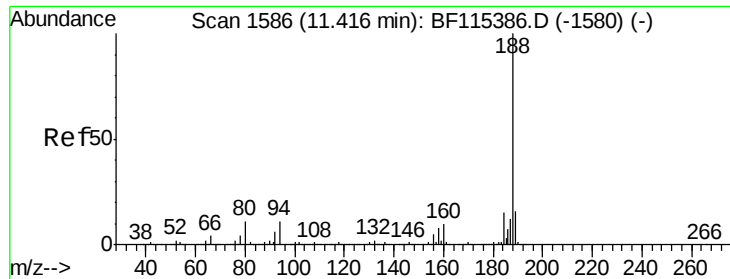
Abundance Ion 165.00 (164.70 to 165.70): E

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

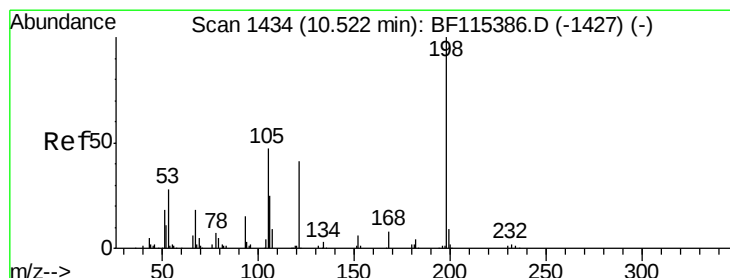
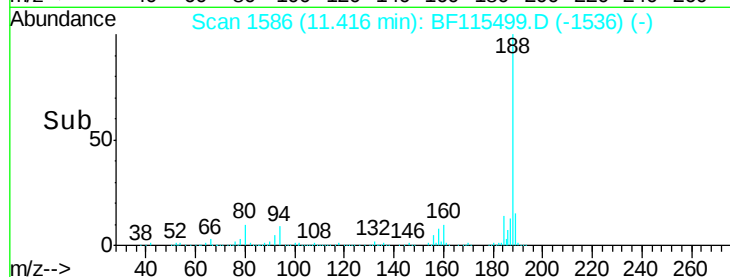
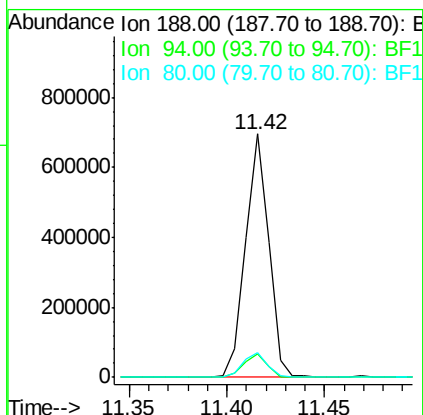
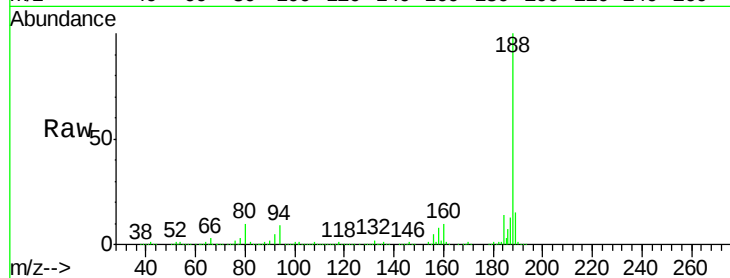




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF115499.D
Acq: 11 Jul 2019 15:07

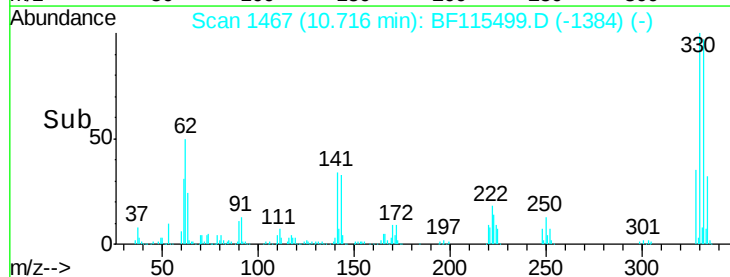
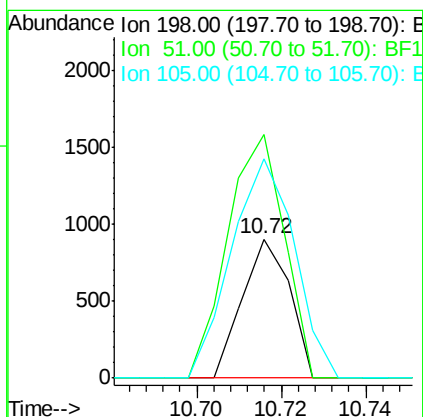
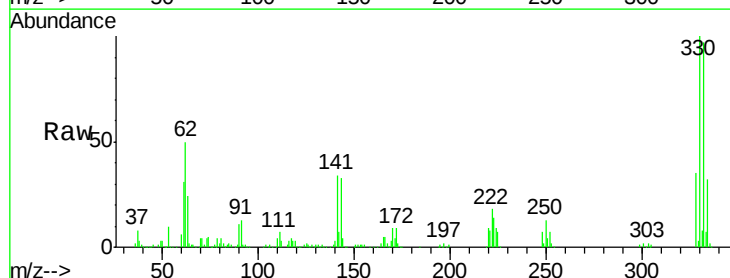
Instrument :
BNA_F
ClientSampleId :
SP19-JMW0961-9001

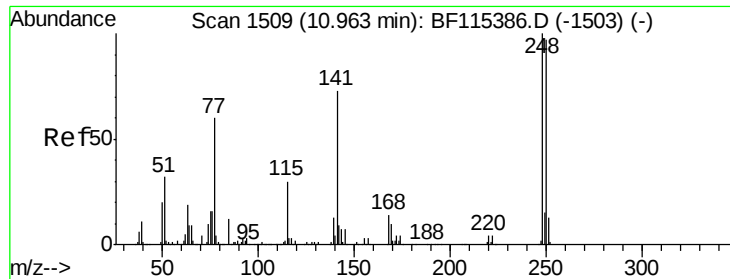
Tot Ion:188 Resp: 576967
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.8
80 10.3 8.4 12.6



#65
4,6-Dinitro-2-methylphenol
Concen: 8.031 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.19 min
Lab File: BF115499.D
Acq: 11 Jul 2019 15:07

Tgt Ion:198 Resp: 705
Ion Ratio Lower Upper
198 100
51 175.5 20.7 60.7#
105 157.9 25.3 65.3#

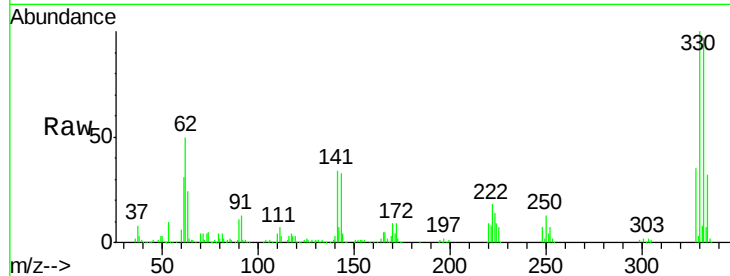




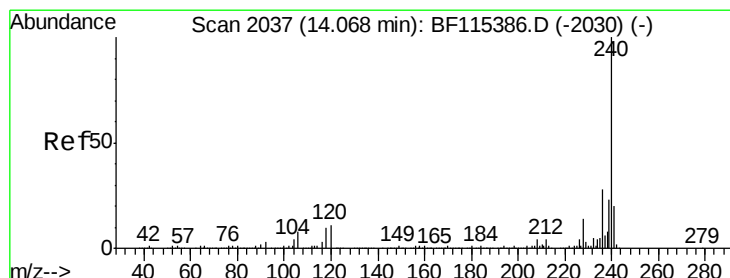
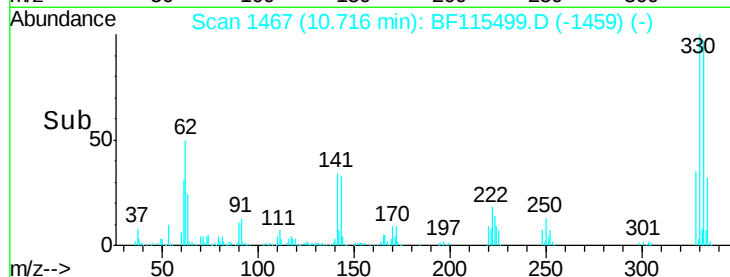
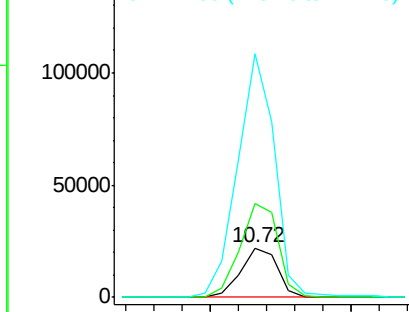
#67
4-Bromophenyl-phenylether
Concen: 3.107 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF115499.D
Acq: 11 Jul 2019 15:07

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0961-9001

Tot Ion:248 Resp: 20116
Ion Ratio Lower Upper
248 100
250 191.0 78.3 117.5#
141 494.5 52.2 78.2#

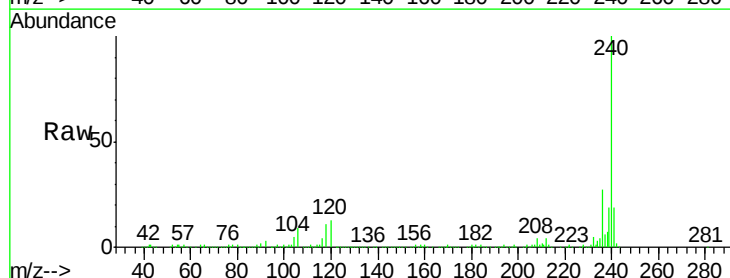


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

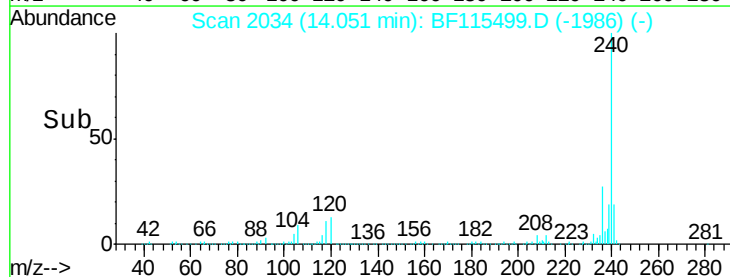
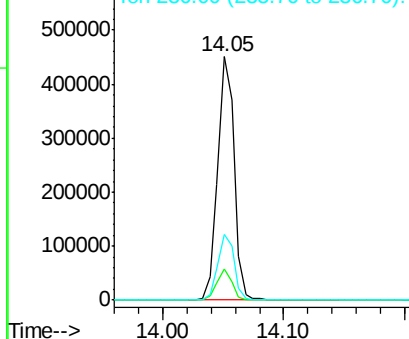


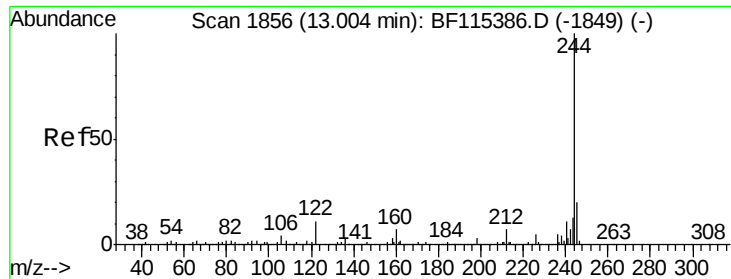
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF115499.D
Acq: 11 Jul 2019 15:07

Tgt Ion:240 Resp: 419505
Ion Ratio Lower Upper
240 100
120 12.7 10.2 15.4
236 26.8 21.1 31.7



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

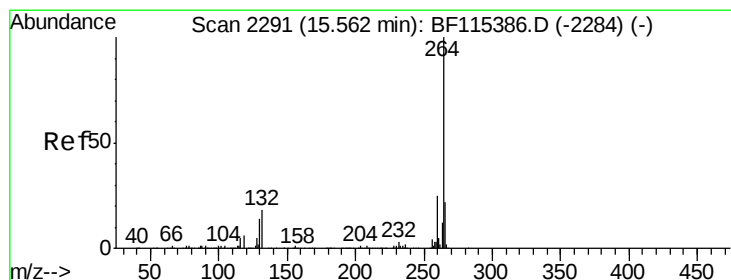
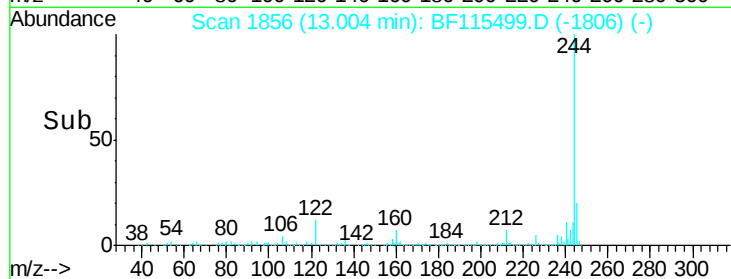
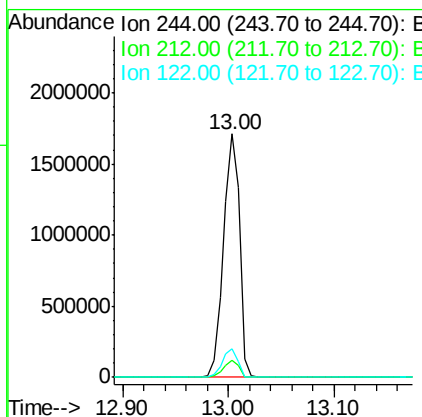
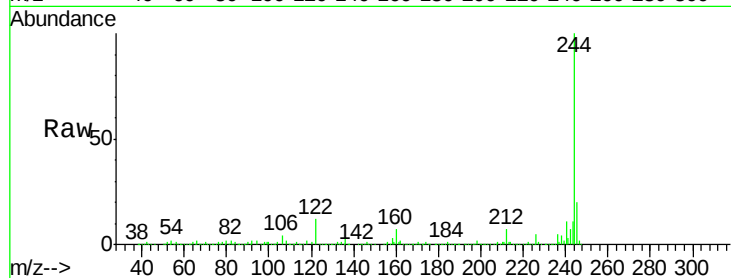




#79
 Terphenyl-d14
 Concen: 88.297 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BF115499.D
 Acq: 11 Jul 2019 15:07

Instrument :
 BNA_F
 ClientSampleId :
 SP19-JMW0961-9001

Tot Ion:244 Resp: 1809071
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 11.9 9.1 13.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2286
 Delta R.T. -0.03 min
 Lab File: BF115499.D
 Acq: 11 Jul 2019 15:07

Tgt Ion:264 Resp: 354820
 Ion Ratio Lower Upper
 264 100
 260 23.8 20.1 30.1
 265 21.3 17.8 26.6

