

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072319\
 Data File : BF115729.D
 Acq On : 23 Jul 2019 19:57
 Operator : HP/JU
 Sample : K3621-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-071919

Quant Time: Jul 24 04:58:05 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

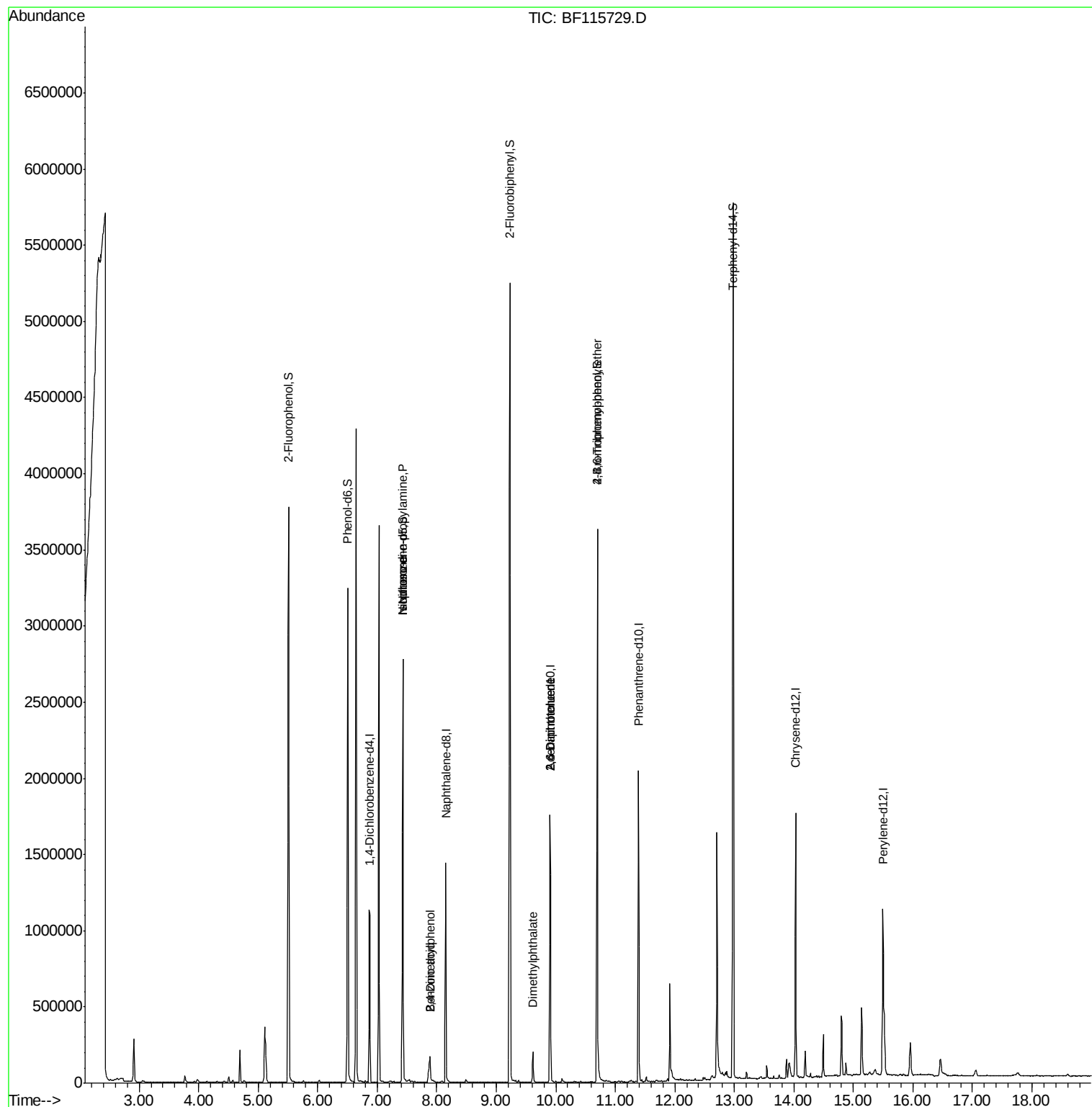
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	174037	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	669038	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	373596	20.00	ng	-0.02
64) Phenanthrene-d10	11.39	188	696164	20.00	ng	-0.02
76) Chrysene-d12	14.03	240	564116	20.00	ng	-0.02
87) Perylene-d12	15.50	264	509487	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1158869	108.92	ng	0.00
7) Phenol-d6	6.50	99	1387479	102.77	ng	-0.01
23) Nitrobenzene-d5	7.43	82	1066217	92.67	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	546291	125.27	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	1896521	88.85	ng	-0.02
79) Terphenyl-d14	12.98	244	2425569	79.34	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	143005	16.241	ng	# 78
25) Isophorone	7.43	82	1053542	45.759	ng	# 64
27) 2,4-Dimethylphenol	7.88	122	66273	6.934	ng	# 3
32) Benzoic acid	7.88	122	66273	8.449	ng	98
50) Dimethylphthalate	9.62	163	80788	2.874	ng	98
51) 2,6-Dinitrotoluene	9.90	165	47524	7.440	ng	# 27
57) 2,4-Dinitrotoluene	9.90	165	47524	5.743	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	33039	4.153	ng	# 1

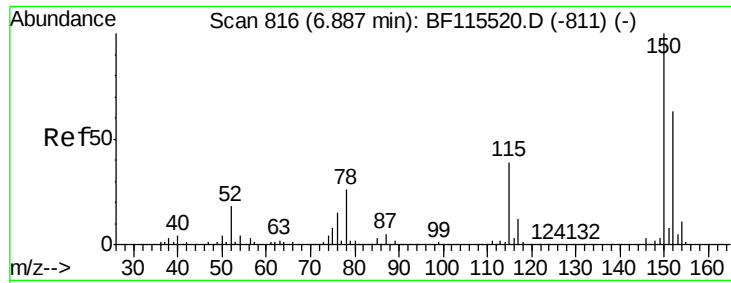
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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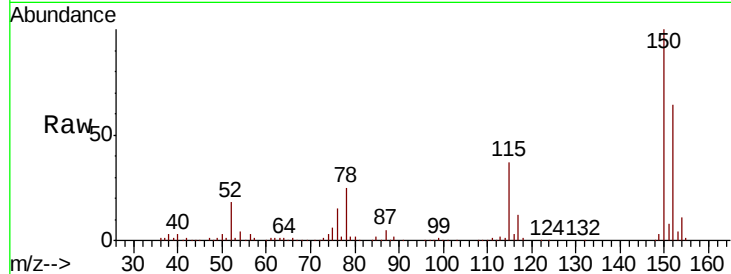


#1

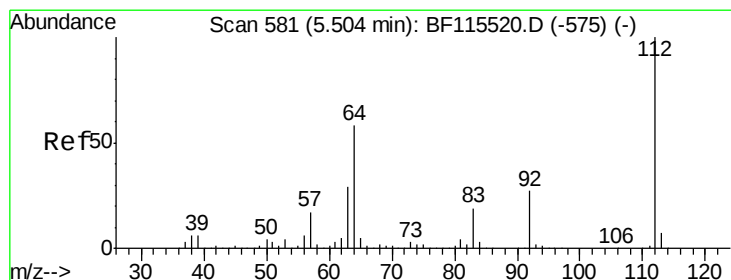
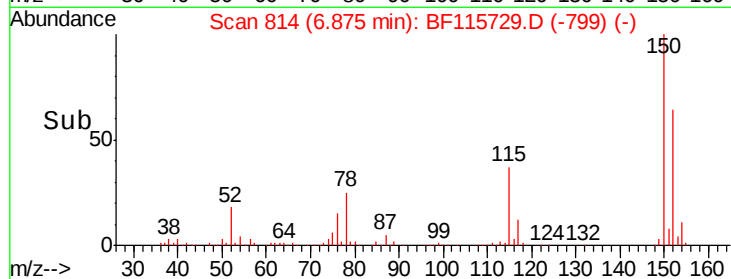
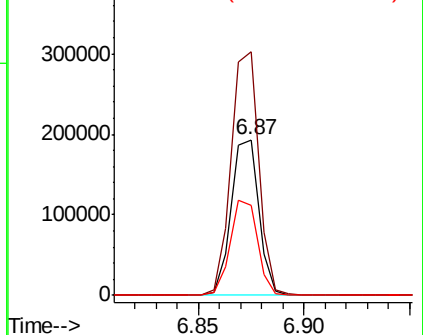
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF115729.D
 Acq: 23 Jul 2019 19:57

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-071919

Tgt Ion:152 Resp: 174037
 Ion Ratio Lower Upper
 152 100
 150 156.1 129.7 194.5
 115 58.1 48.2 72.4



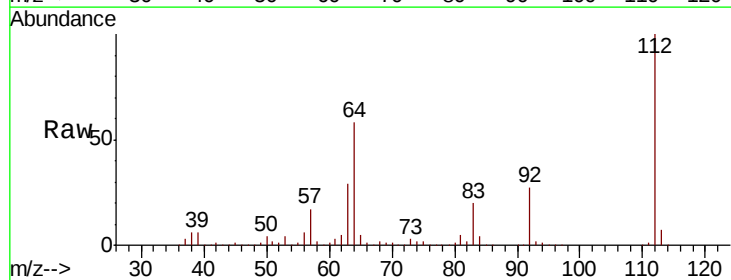
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



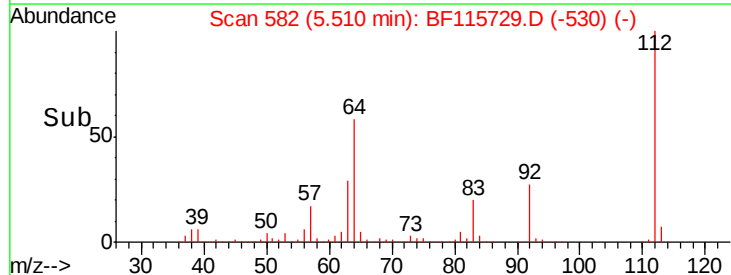
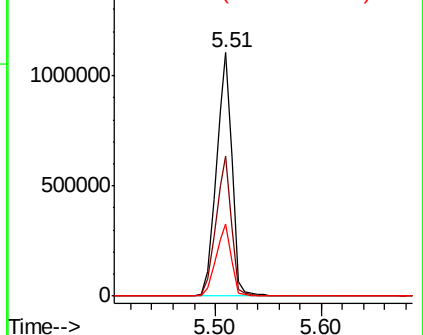
#5

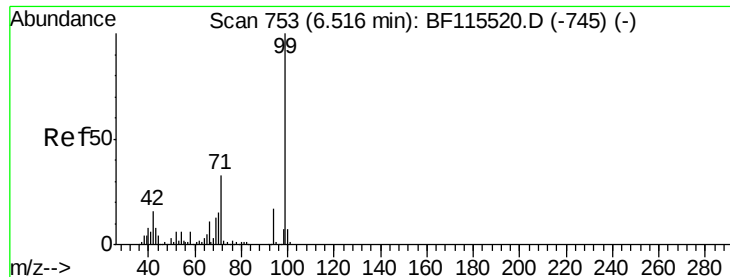
2-Fluorophenol
 Concen: 108.918 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.01 min
 Lab File: BF115729.D
 Acq: 23 Jul 2019 19:57

Tgt Ion:112 Resp: 1158869
 Ion Ratio Lower Upper
 112 100
 64 57.7 46.8 70.2
 63 29.4 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: 102.771 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115729.D

Acq: 23 Jul 2019 19:57

Instrument :

BNA_F

ClientSampleId :

OK-02-071919

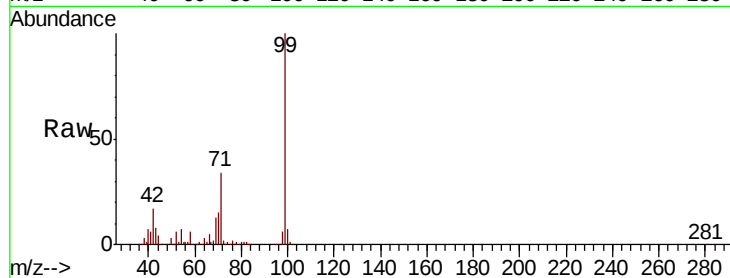
Tgt Ion: 99 Resp: 1387479

Ion Ratio Lower Upper

99 100

42 17.2 13.6 20.4

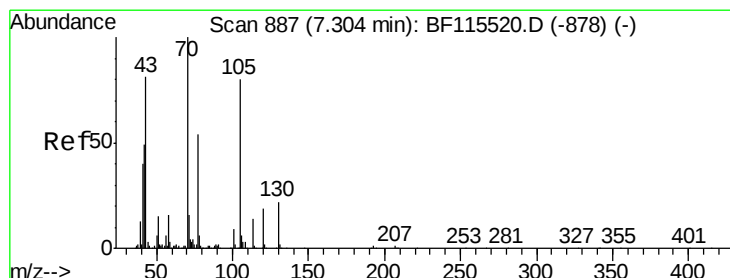
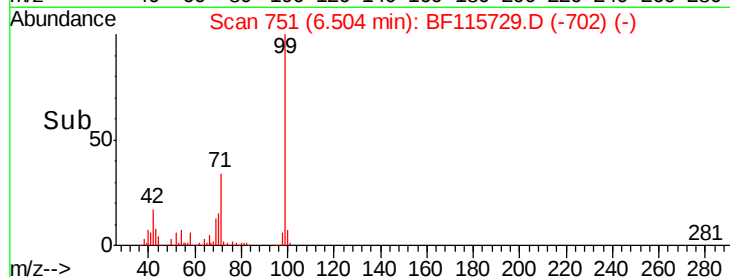
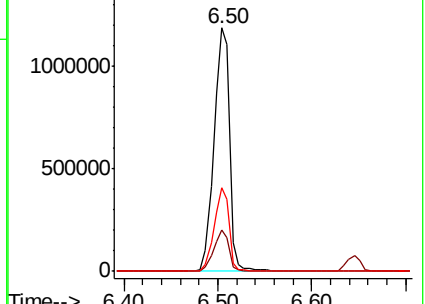
71 34.2 28.5 42.7



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: 16.241 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.13 min

Lab File: BF115729.D

Acq: 23 Jul 2019 19:57

Tgt Ion: 70 Resp: 143005

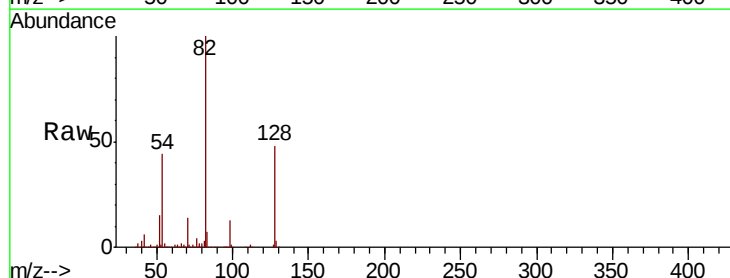
Ion Ratio Lower Upper

70 100

42 41.0 39.6 59.4

101 0.0 8.1 12.1#

130 2.4 18.2 27.2#

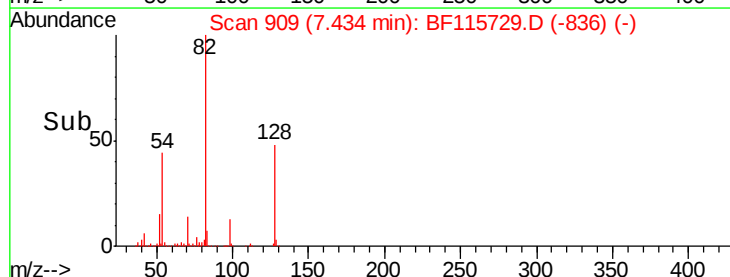
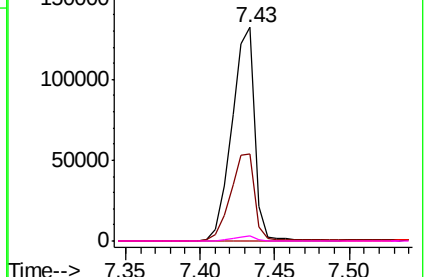


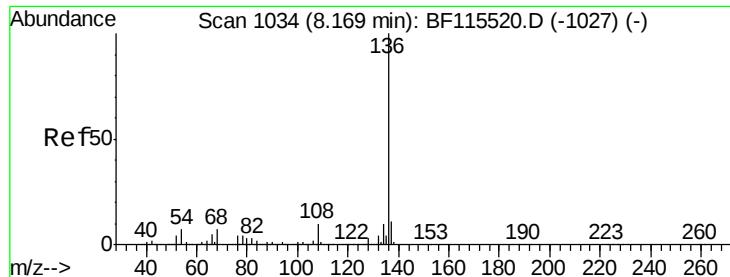
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF115729.D

Acq: 23 Jul 2019 19:57

Instrument :

BNA_F

ClientSampleId :

OK-02-071919

Tgt Ion:136 Resp: 669038

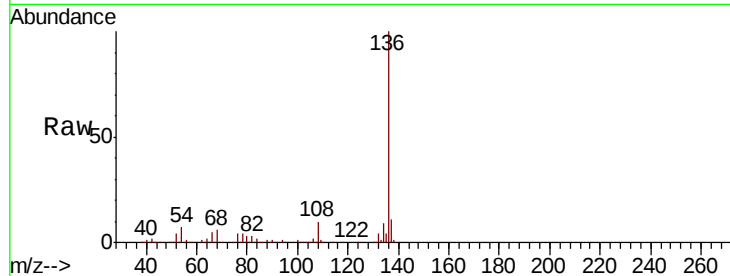
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 6.9 5.6 8.4

68 6.1 5.0 7.6

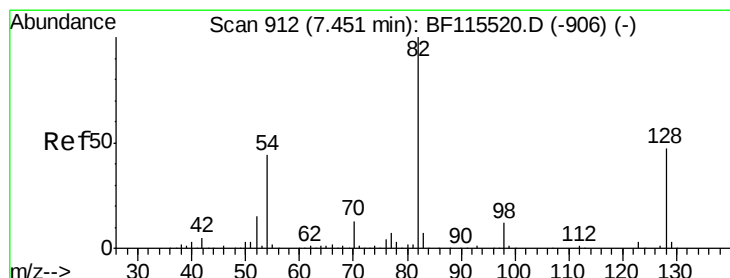
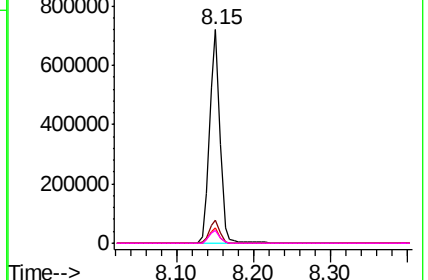
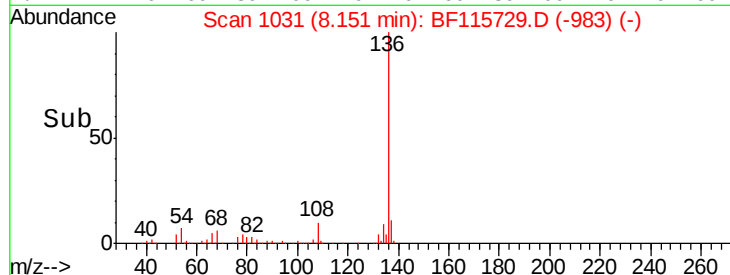


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 92.666 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF115729.D

Acq: 23 Jul 2019 19:57

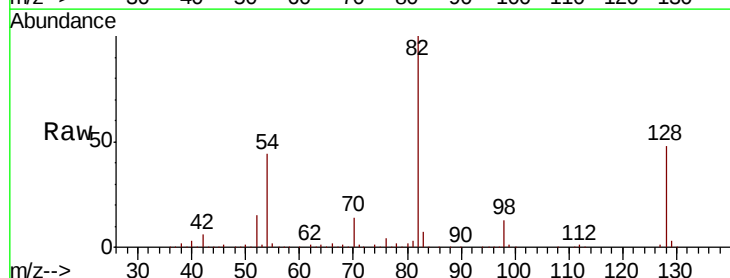
Tgt Ion: 82 Resp: 1066217

Ion Ratio Lower Upper

82 100

128 48.1 38.6 57.8

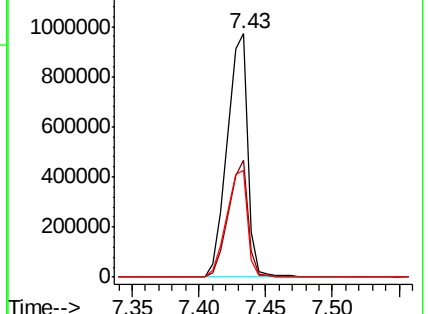
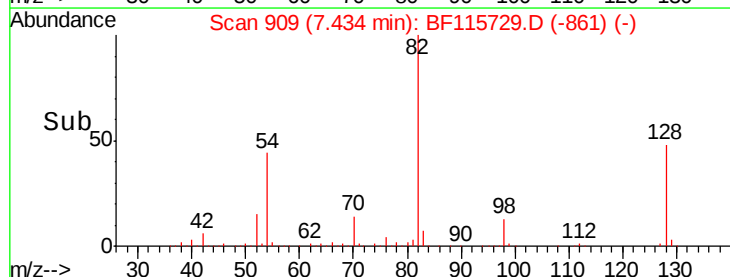
54 43.7 35.6 53.4

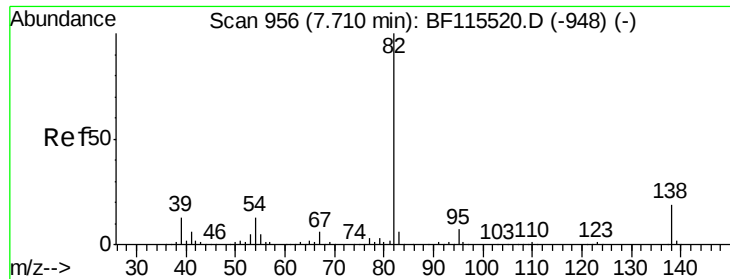


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.759 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.28 min

Lab File: BF115729.D

Acq: 23 Jul 2019 19:57

Instrument :

BNA_F

ClientSampleId :

OK-02-071919

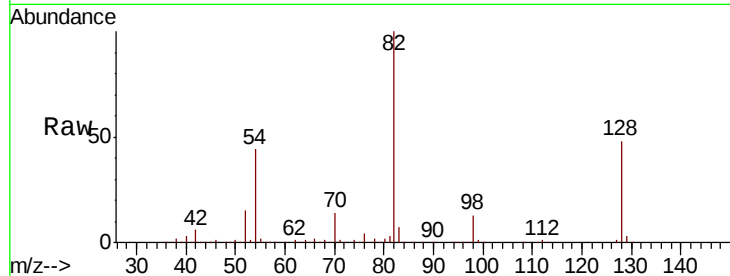
Tgt Ion: 82 Resp: 1053542

Ion Ratio Lower Upper

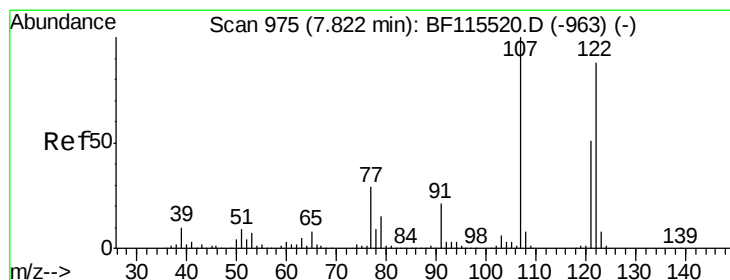
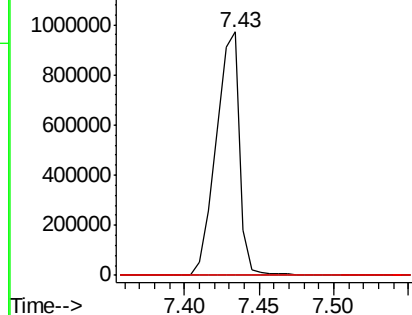
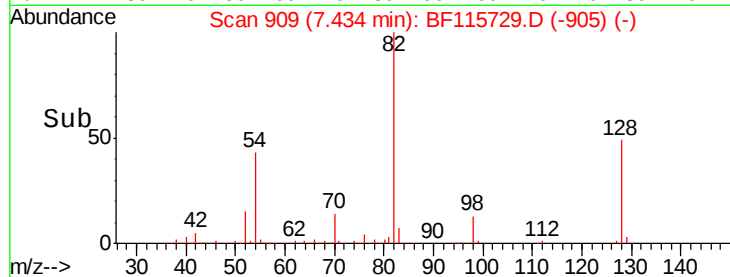
82 100

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



#27

2,4-Dimethylphenol

Concen: 6.934 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.06 min

Lab File: BF115729.D

Acq: 23 Jul 2019 19:57

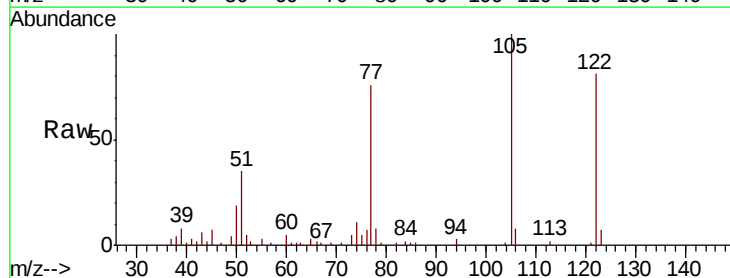
Tgt Ion: 122 Resp: 66273

Ion Ratio Lower Upper

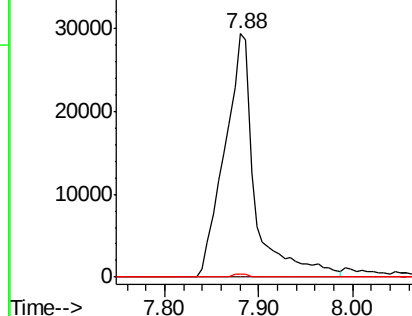
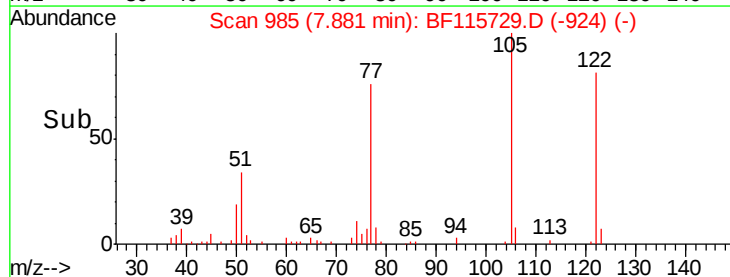
122 100

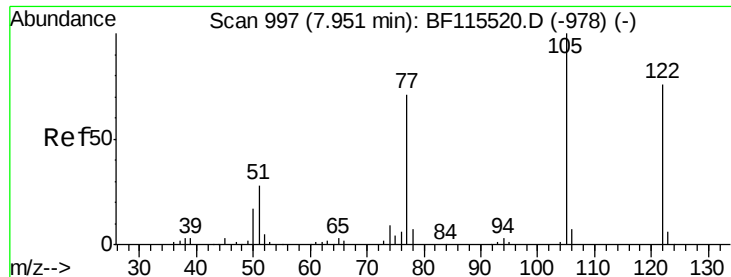
107 0.0 92.9 139.3#

121 1.1 46.9 70.3#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

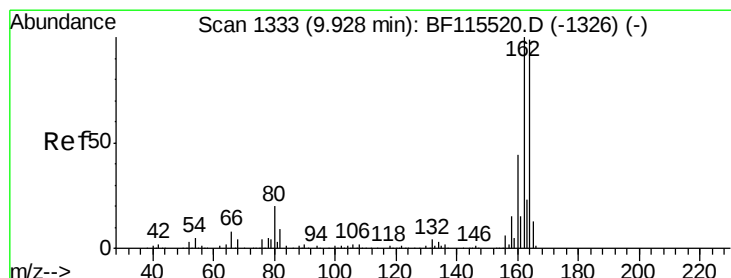
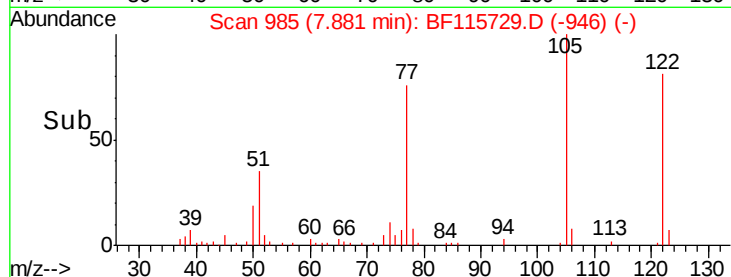
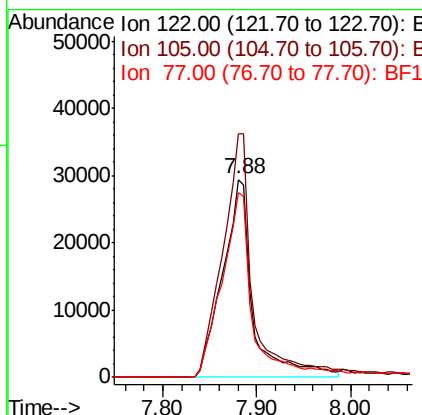
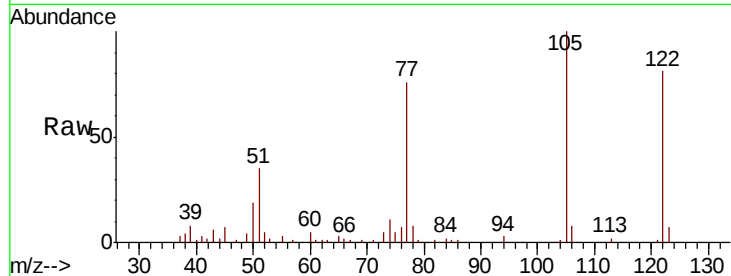




#32
Benzoic acid
Concen: 8.449 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.07 min
Lab File: BF115729.D
Acq: 23 Jul 2019 19:57

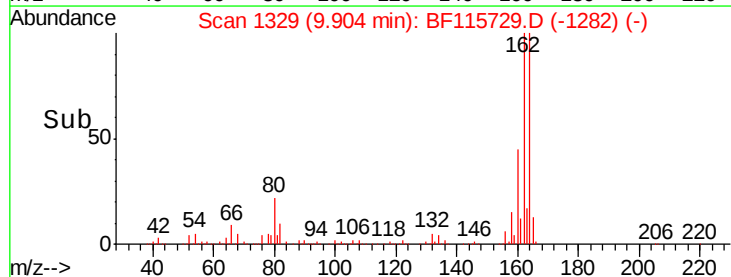
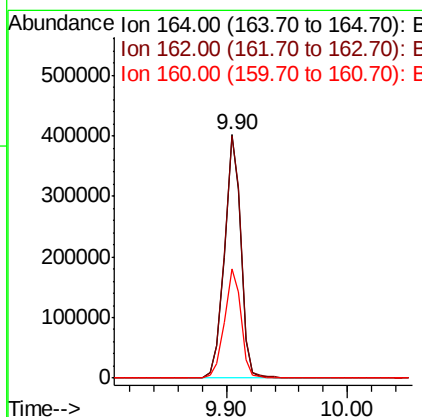
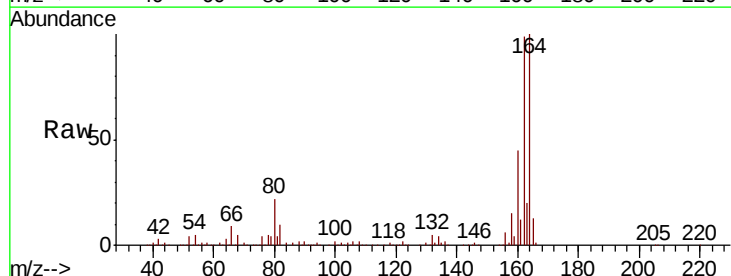
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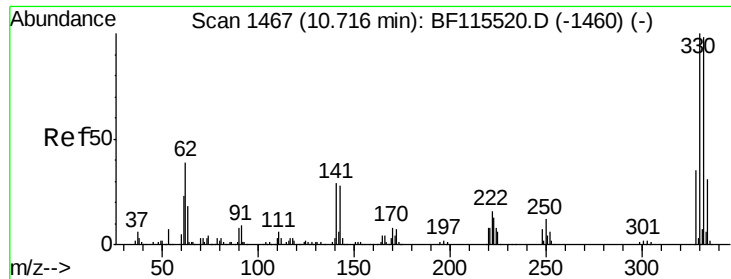
Tgt Ion:122 Resp: 66273
Ion Ratio Lower Upper
122 100
105 122.9 102.5 142.5
77 93.3 70.2 110.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF115729.D
Acq: 23 Jul 2019 19:57

Tgt Ion:164 Resp: 373596
Ion Ratio Lower Upper
164 100
162 99.4 82.9 124.3
160 44.8 36.8 55.2





#42

2,4,6-Tribromophenol

Concen: 125.274 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BF115729.D

Acq: 23 Jul 2019 19:57

Instrument :

BNA_F

ClientSampleId :

OK-02-071919

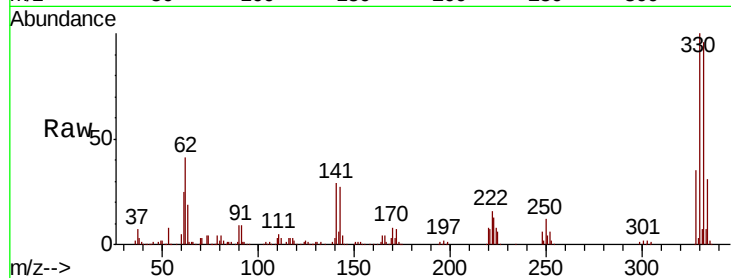
Tgt Ion:330 Resp: 546291

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.2

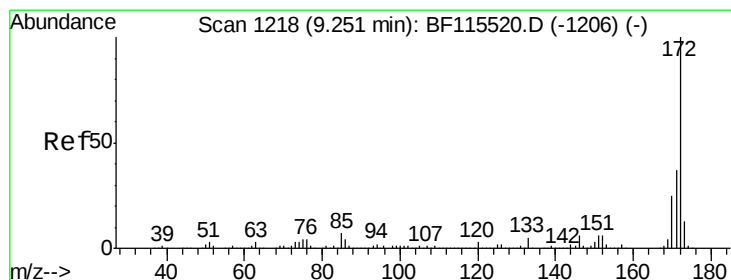
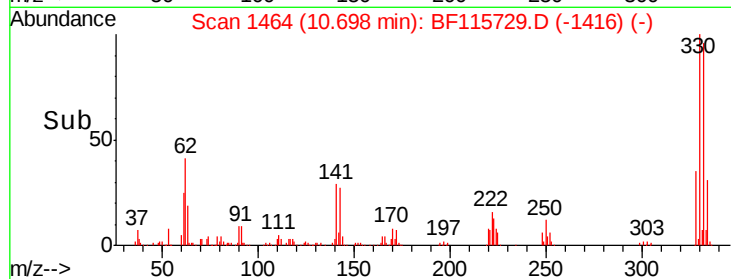
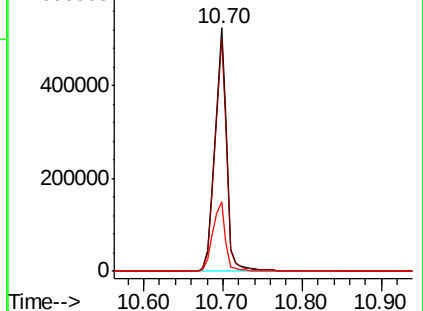
141 30.8 22.4 33.6



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: 88.851 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.02 min

Lab File: BF115729.D

Acq: 23 Jul 2019 19:57

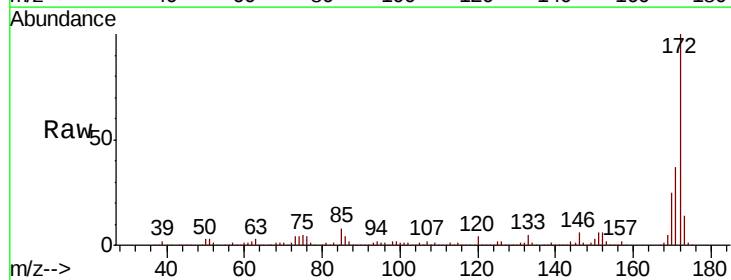
Tgt Ion:172 Resp: 1896521

Ion Ratio Lower Upper

172 100

171 37.0 30.6 46.0

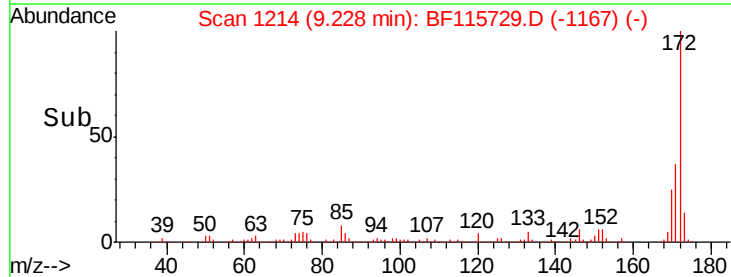
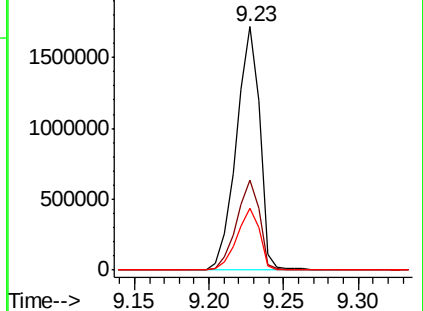
170 25.2 20.5 30.7

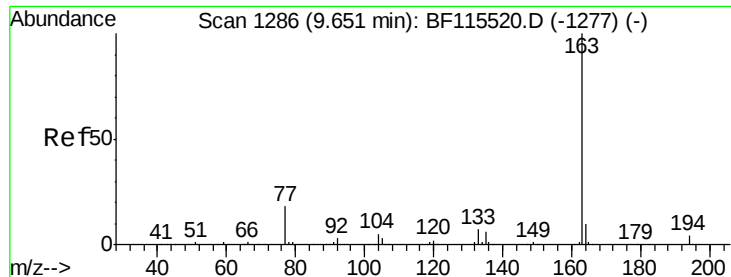


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.874 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BF115729.D

Acq: 23 Jul 2019 19:57

Instrument :

BNA_F

ClientSampleId :

OK-02-071919

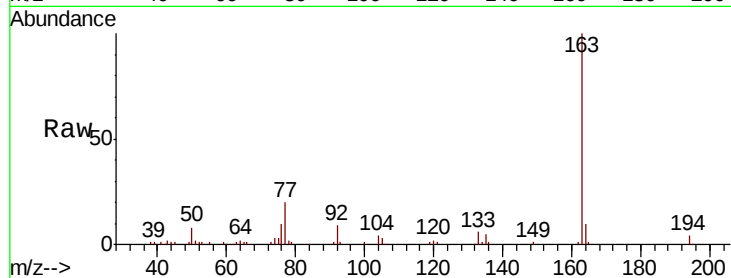
Tgt Ion:163 Resp: 80788

Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

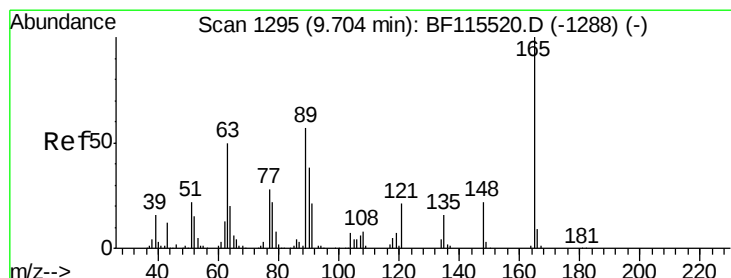
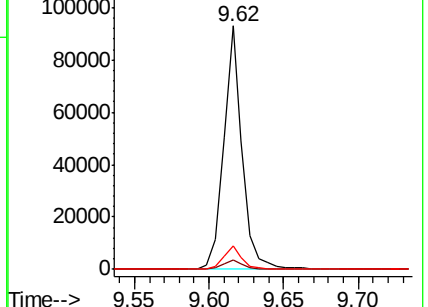
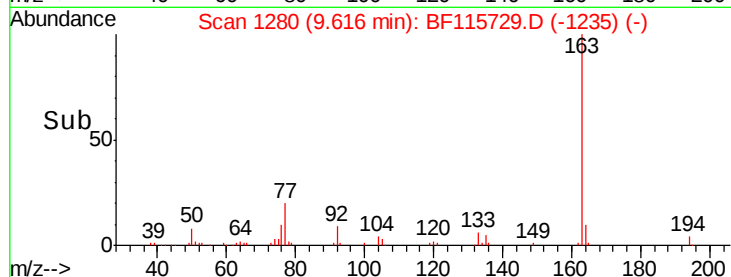
164 9.8 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 7.440 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.20 min

Lab File: BF115729.D

Acq: 23 Jul 2019 19:57

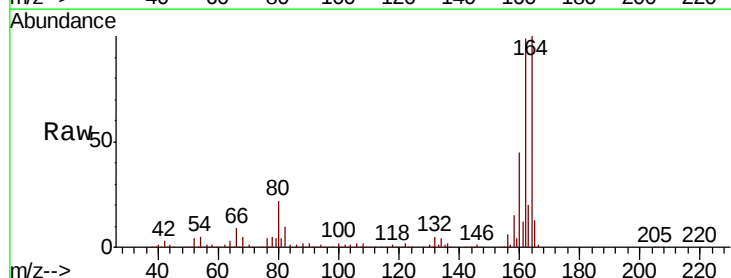
Tgt Ion:165 Resp: 47524

Ion Ratio Lower Upper

165 100

63 1.3 40.6 61.0#

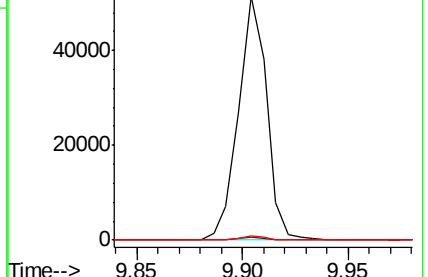
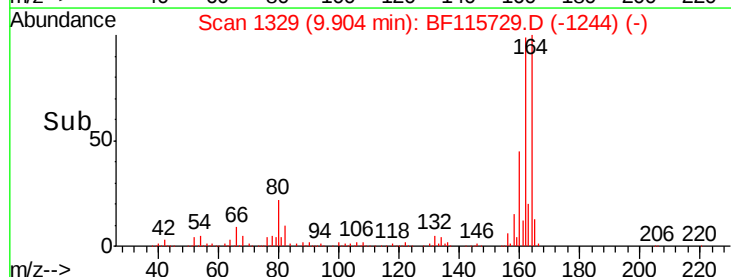
89 1.6 43.9 65.9#

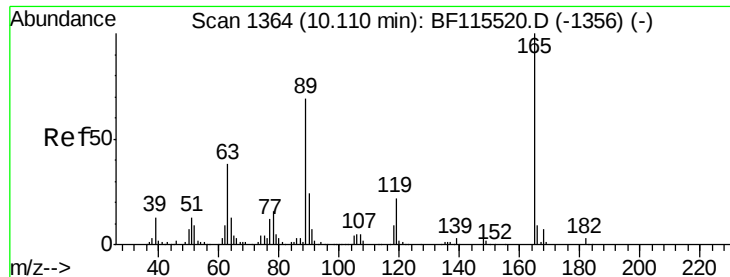


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

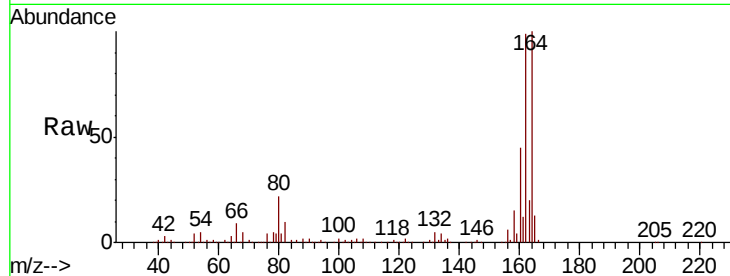




#57
 2,4-Dinitrotoluene
 Concen: 5.743 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.21 min
 Lab File: BF115729.D
 Acq: 23 Jul 2019 19:57

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-071919

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#

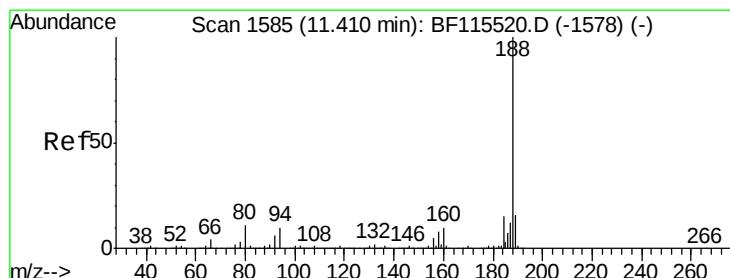
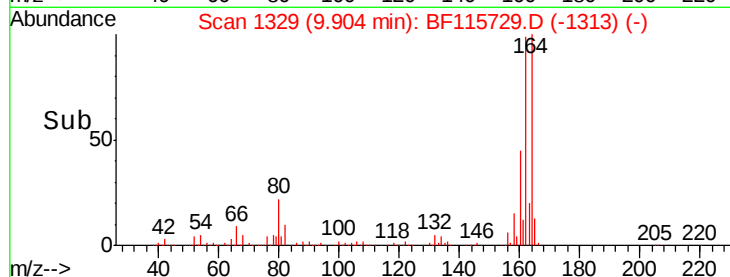
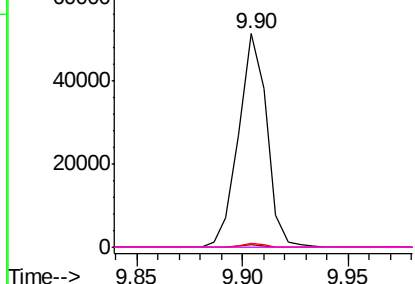


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

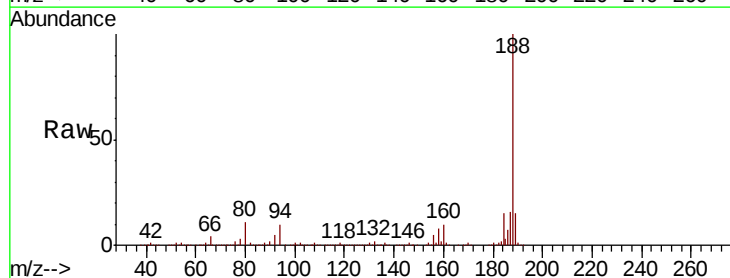
Ion 89.00 (88.70 to 89.70): BF1

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: BF115729.D
 Acq: 23 Jul 2019 19:57

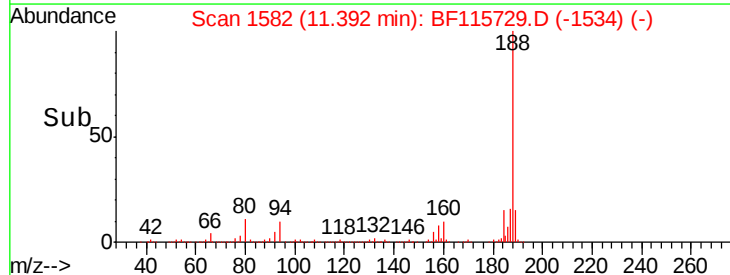
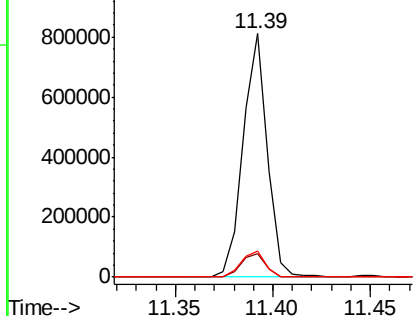
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.8	11.6
80	10.6	8.6	13.0

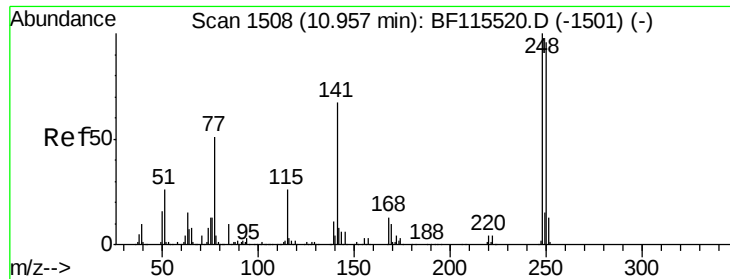


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

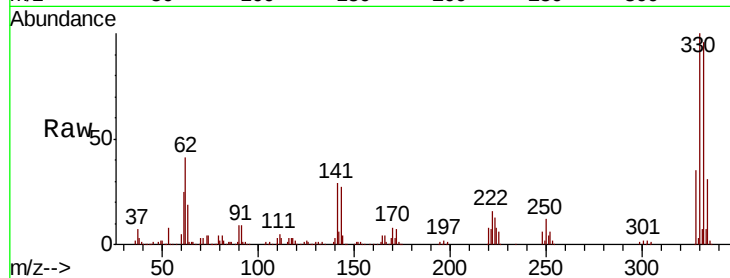




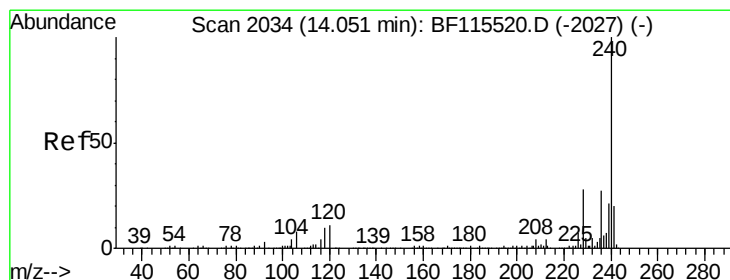
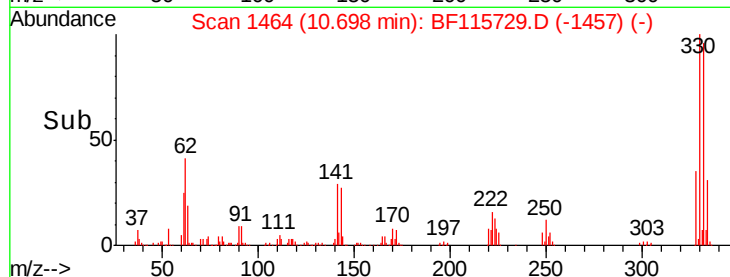
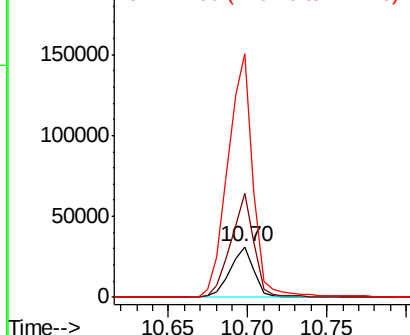
#67
 4-Bromophenyl-phenylether
 Concen: 4.153 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.26 min
 Lab File: BF115729.D
 Acq: 23 Jul 2019 19:57

Instrument :
 BNA_F
 ClientSampleId :
 OK-02-071919

Tgt Ion:248 Resp: 33039
 Ion Ratio Lower Upper
 248 100
 250 204.0 78.0 117.0#
 141 480.0 57.7 86.5#

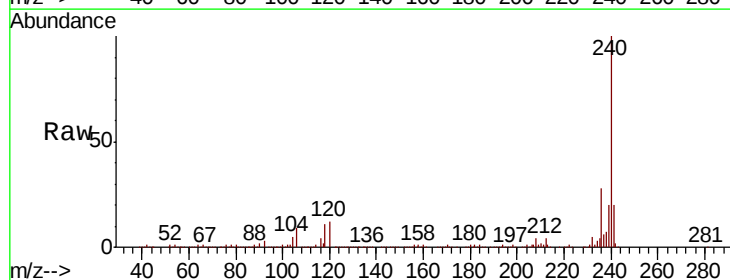


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

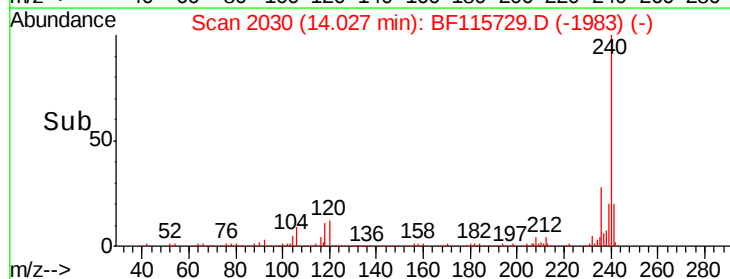
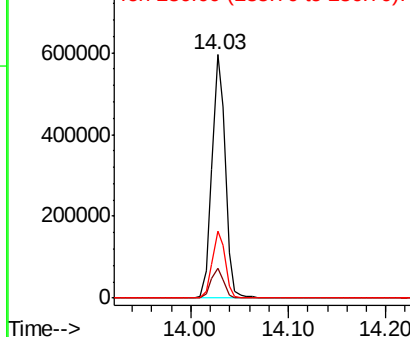


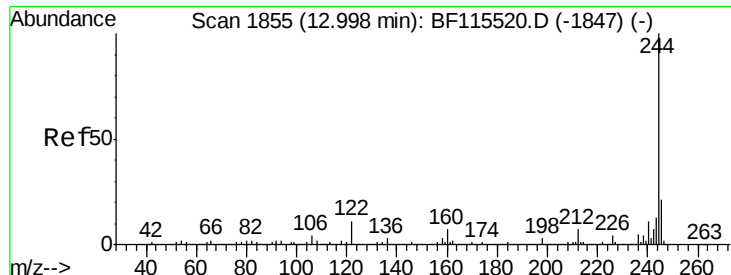
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BF115729.D
 Acq: 23 Jul 2019 19:57

Tgt Ion:240 Resp: 564116
 Ion Ratio Lower Upper
 240 100
 120 12.4 8.6 13.0
 236 27.5 21.3 31.9



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: 79.338 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BF115729.D

Acq: 23 Jul 2019 19:57

Instrument :

BNA_F

ClientSampleId :

OK-02-071919

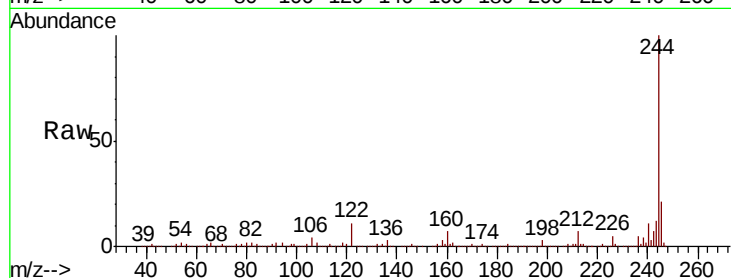
Tgt Ion:244 Resp: 2425569

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

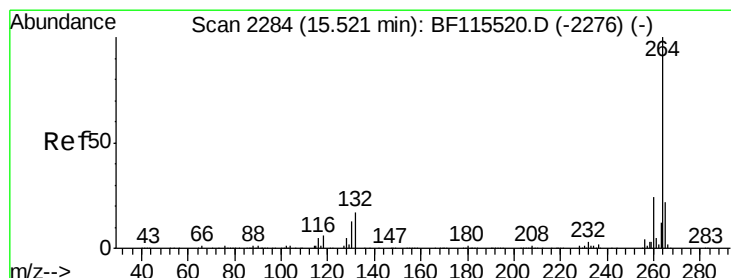
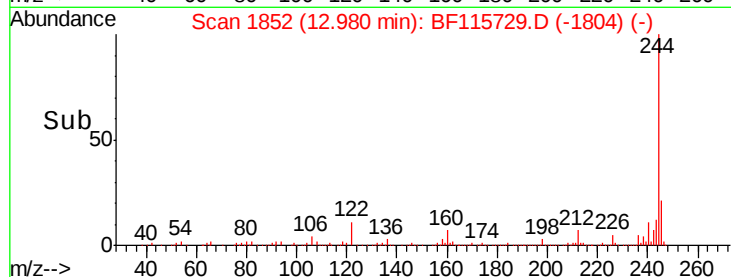
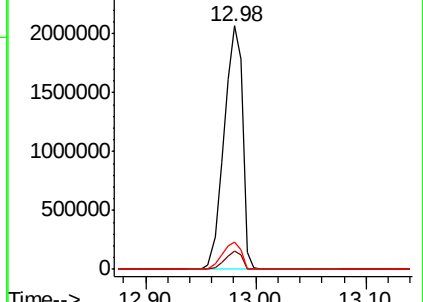
122 11.4 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.02 min

Lab File: BF115729.D

Acq: 23 Jul 2019 19:57

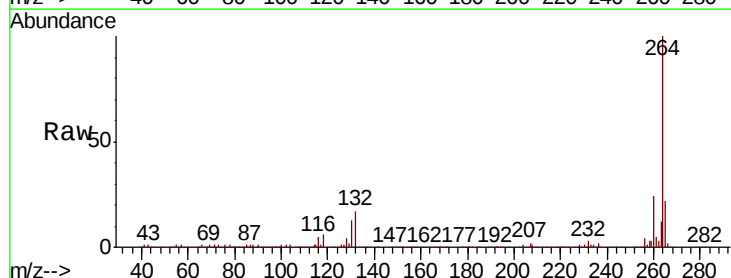
Tgt Ion:264 Resp: 509487

Ion Ratio Lower Upper

264 100

260 24.4 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

