

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072319\
 Data File : BF115731.D
 Acq On : 23 Jul 2019 20:50
 Operator : HP/JU
 Sample : K3622-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-071919-A

Quant Time: Jul 24 04:58:28 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

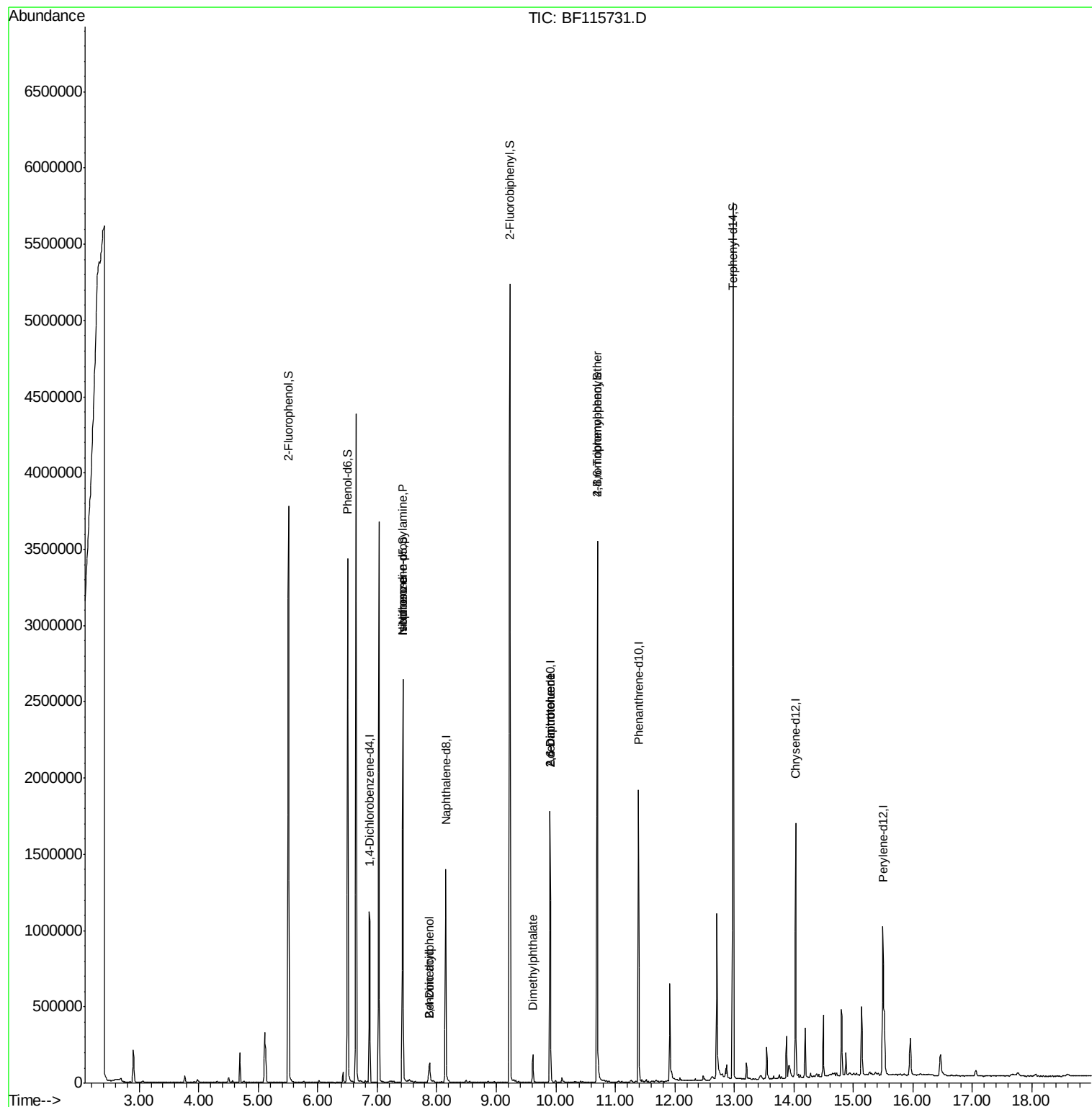
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	169459	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	655722	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	365844	20.00	ng	-0.02
64) Phenanthrene-d10	11.39	188	681580	20.00	ng	-0.02
76) Chrysene-d12	14.03	240	537404	20.00	ng	-0.02
87) Perylene-d12	15.50	264	476505	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1145560	110.58	ng	0.00
7) Phenol-d6	6.50	99	1367461	104.02	ng	-0.01
23) Nitrobenzene-d5	7.43	82	1045846	92.74	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	532794	124.77	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	1893272	90.58	ng	-0.02
79) Terphenyl-d14	12.98	244	2410845	82.78	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	141789	16.538	ng	# 79
25) Isophorone	7.43	82	1032815	45.770	ng	# 64
27) 2,4-Dimethylphenol	7.88	122	46390	4.952	ng	# 3
32) Benzoic acid	7.88	122	46390	6.034	ng	98
50) Dimethylphthalate	9.62	163	74847	2.719	ng	98
51) 2,6-Dinitrotoluene	9.90	165	47446	7.585	ng	# 27
57) 2,4-Dinitrotoluene	9.90	165	47446	5.855	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	33158	4.257	ng	# 1

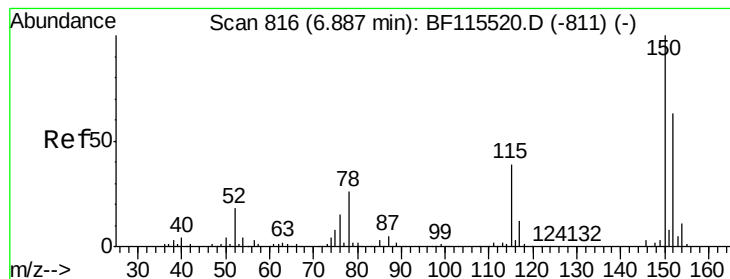
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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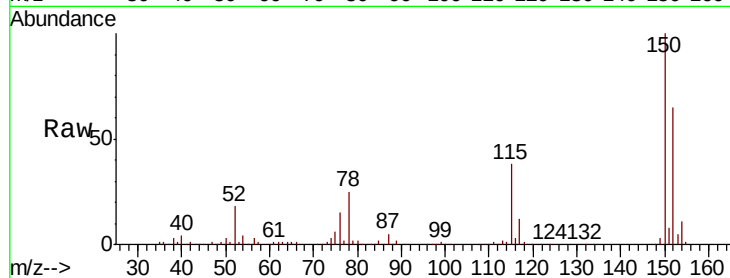


#1

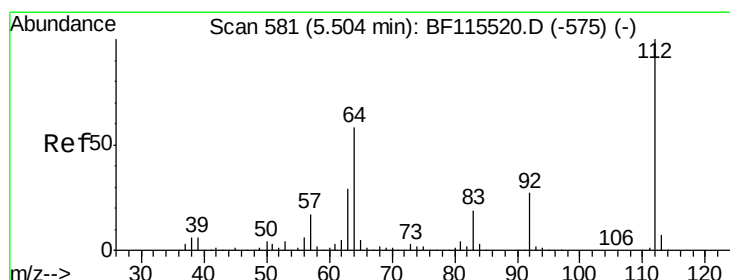
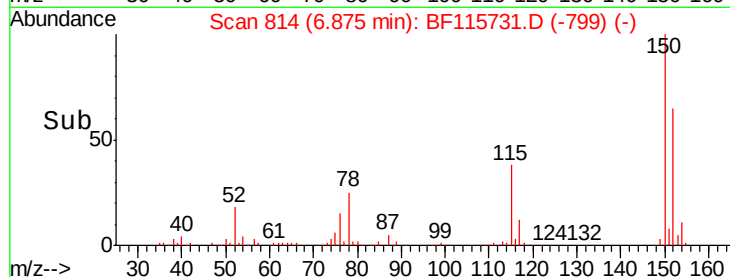
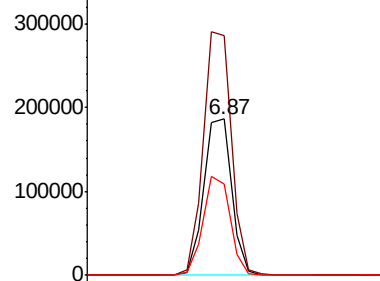
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF115731.D
Acq: 23 Jul 2019 20:50

Instrument :
BNA_F
ClientSampleId :
OR-02-071919-A

Tgt Ion:152 Resp: 169459
Ion Ratio Lower Upper
152 100
150 153.0 129.7 194.5
115 58.0 48.2 72.4



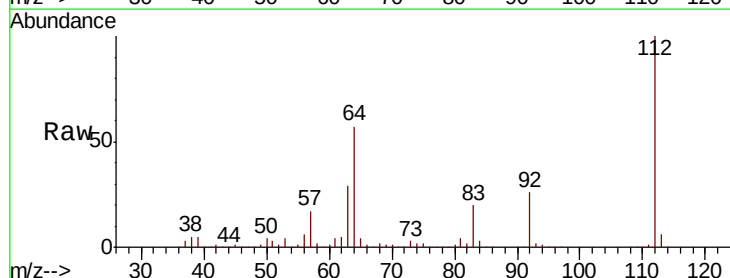
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



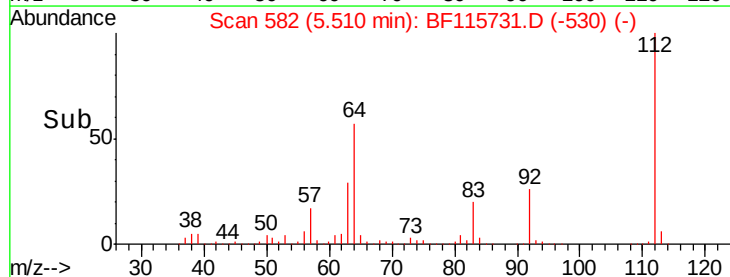
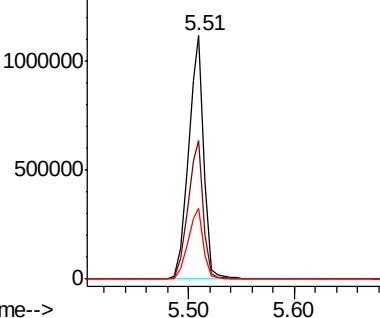
#5

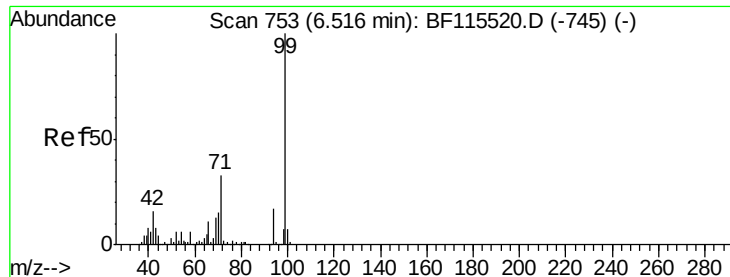
2-Fluorophenol
Concen: 110.576 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF115731.D
Acq: 23 Jul 2019 20:50

Tgt Ion:112 Resp: 1145560
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: 104.024 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115731.D

Acq: 23 Jul 2019 20:50

Instrument :

BNA_F

ClientSampleId :

OR-02-071919-A

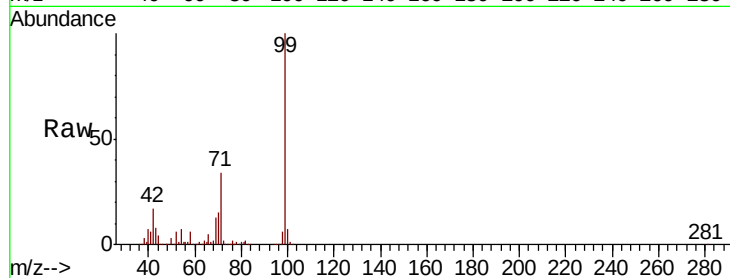
Tgt Ion: 99 Resp: 1367461

Ion Ratio Lower Upper

99 100

42 16.9 13.6 20.4

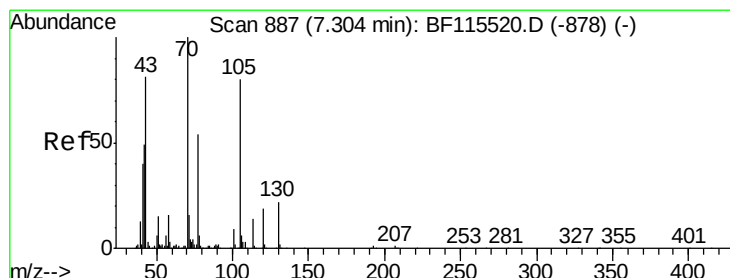
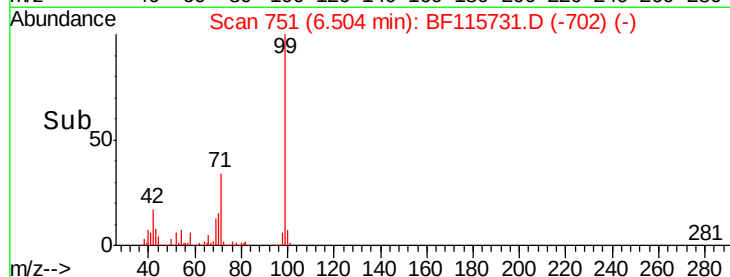
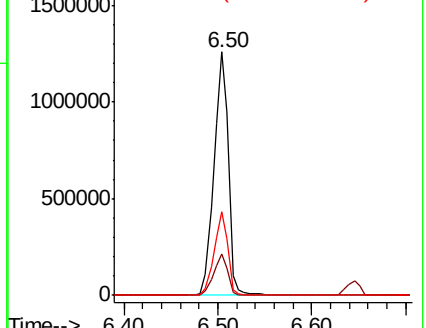
71 34.4 28.5 42.7



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: 16.538 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.12 min

Lab File: BF115731.D

Acq: 23 Jul 2019 20:50

Tgt Ion: 70 Resp: 141789

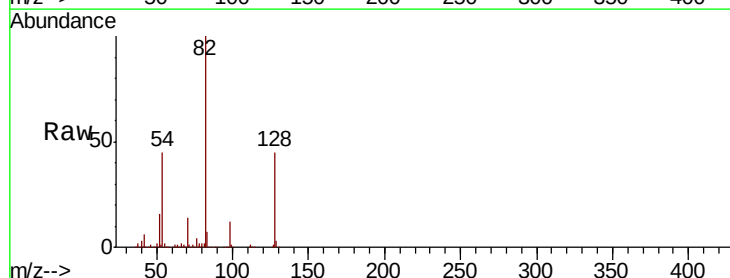
Ion Ratio Lower Upper

70 100

42 42.3 39.6 59.4

101 0.0 8.1 12.1#

130 2.1 18.2 27.2#

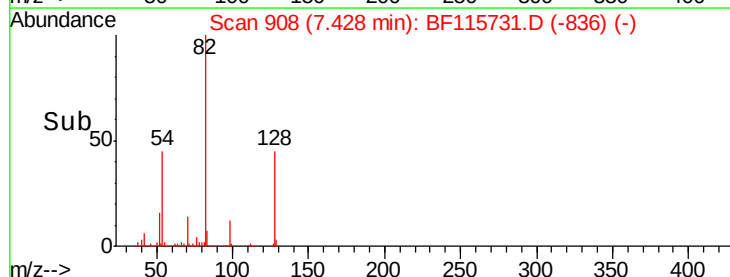
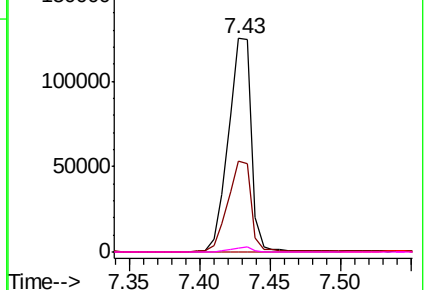


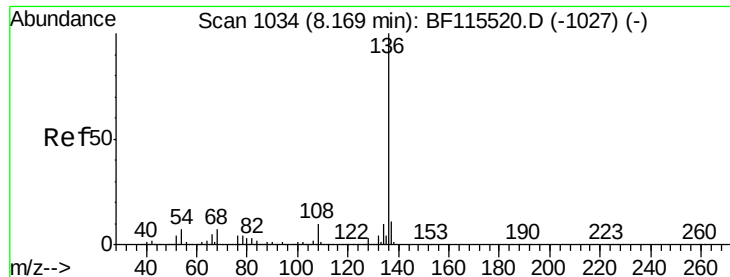
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

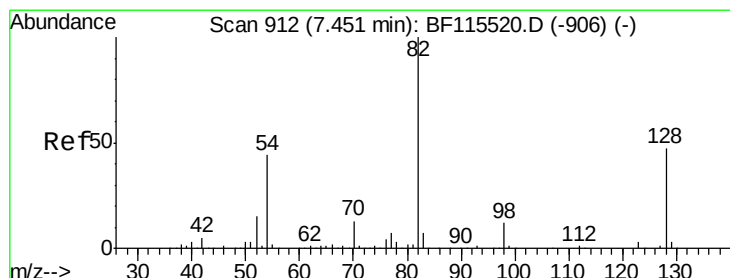
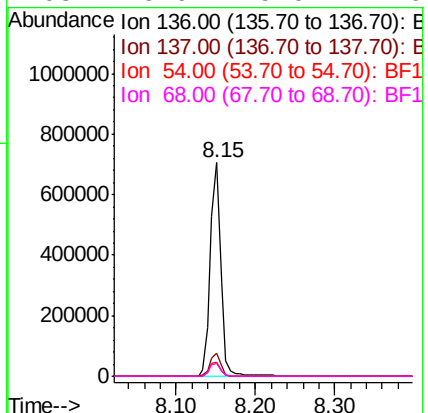
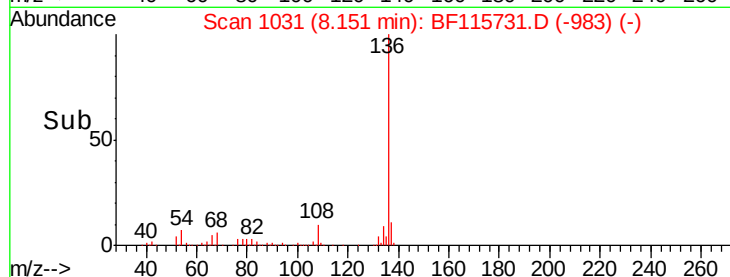
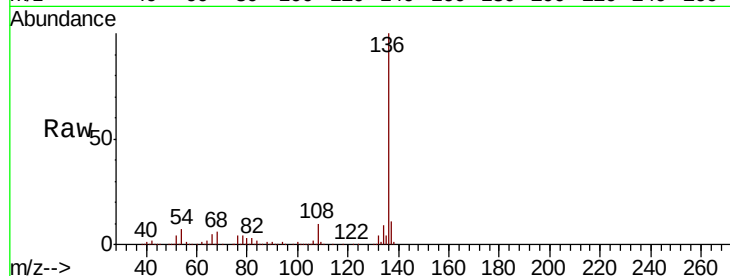




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BF115731.D
Acq: 23 Jul 2019 20:50

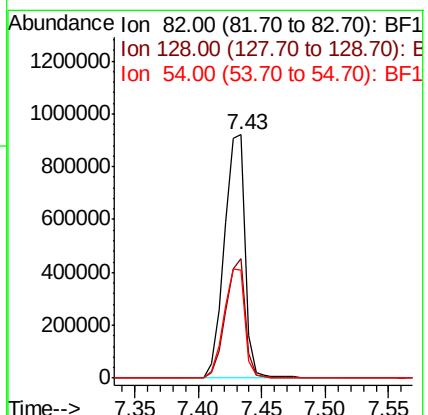
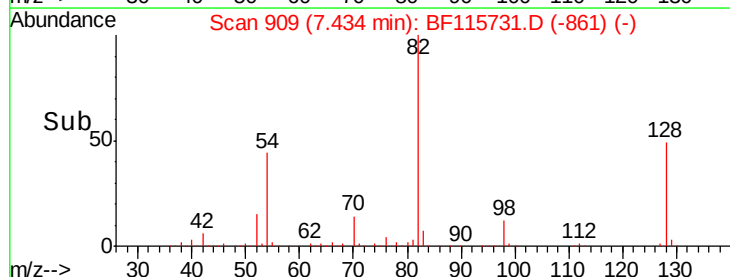
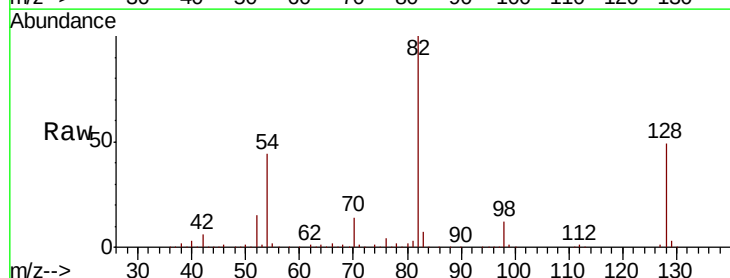
Instrument :
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OR-02-071919-A

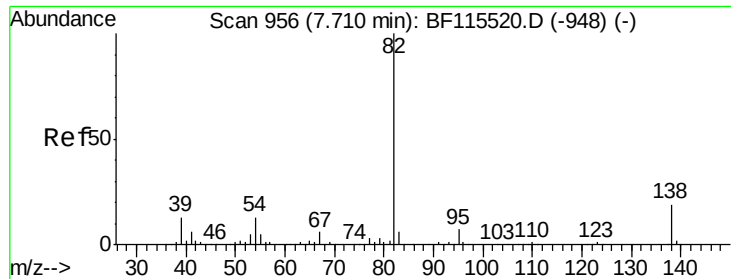
Tgt Ion:	136	Resp:	655722
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	6.7	5.6	8.4
68	5.9	5.0	7.6



#23
Nitrobenzene-d5
Concen: 92.741 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF115731.D
Acq: 23 Jul 2019 20:50

Tgt Ion:	82	Resp:	1045846
Ion	Ratio	Lower	Upper
82	100		
128	49.0	38.6	57.8
54	44.1	35.6	53.4





#25

Isophorone

Concen: 45.770 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.28 min

Lab File: BF115731.D

Acq: 23 Jul 2019 20:50

Instrument :

BNA_F

ClientSampleId :

OR-02-071919-A

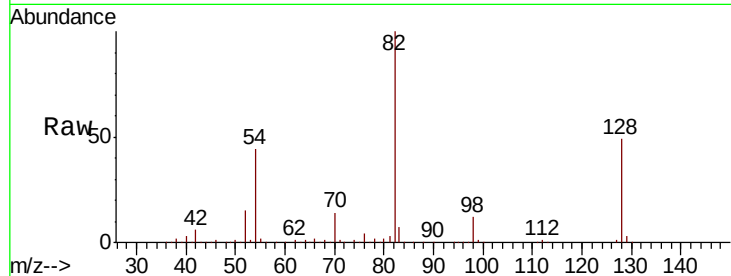
Tgt Ion: 82 Resp: 1032815

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 14.9 22.3#

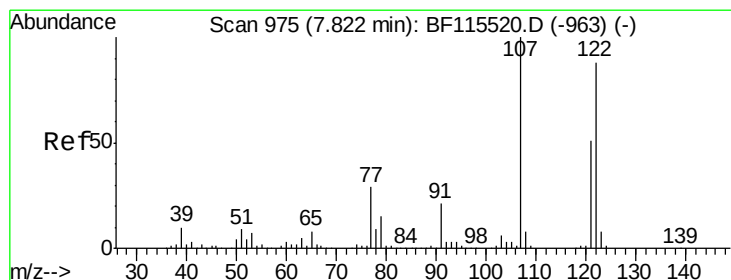
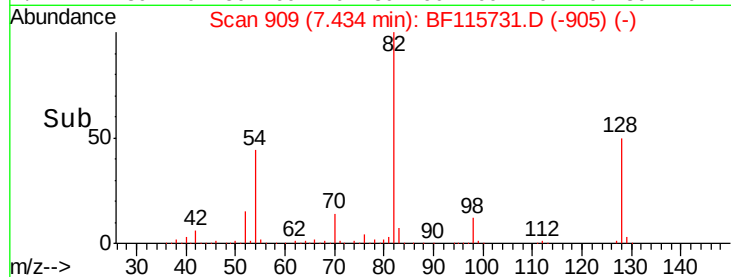
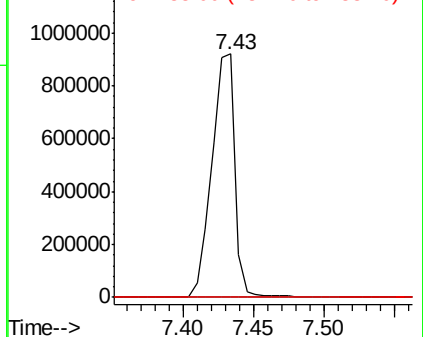


Abundance

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: 4.952 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.06 min

Lab File: BF115731.D

Acq: 23 Jul 2019 20:50

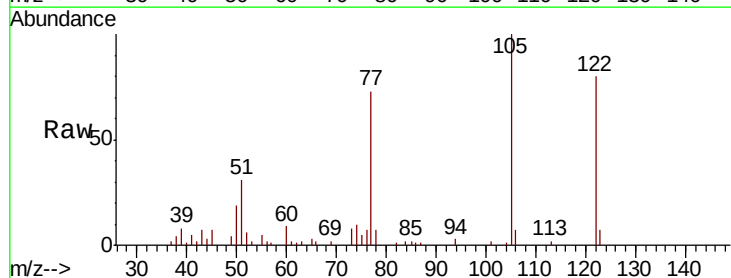
Tgt Ion: 122 Resp: 46390

Ion Ratio Lower Upper

122 100

107 0.0 92.9 139.3#

121 0.0 46.9 70.3#

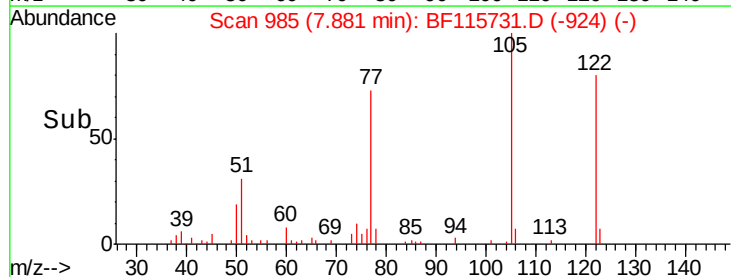
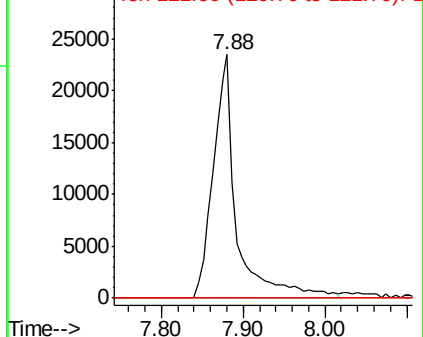


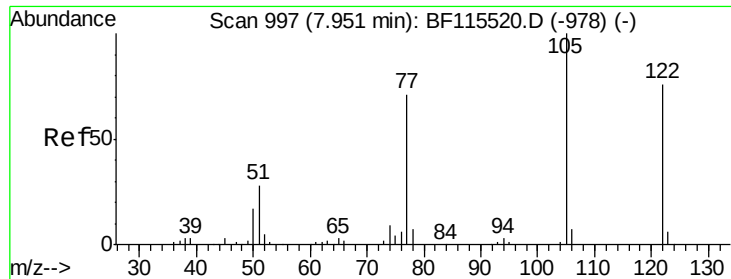
Abundance

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

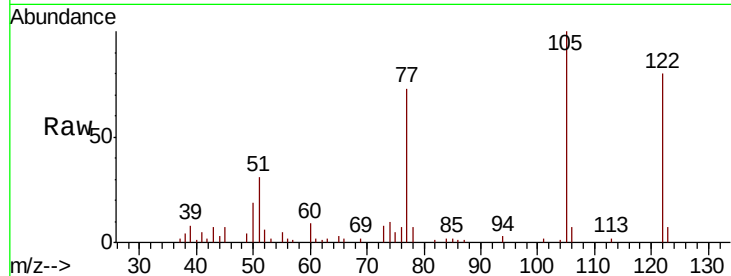




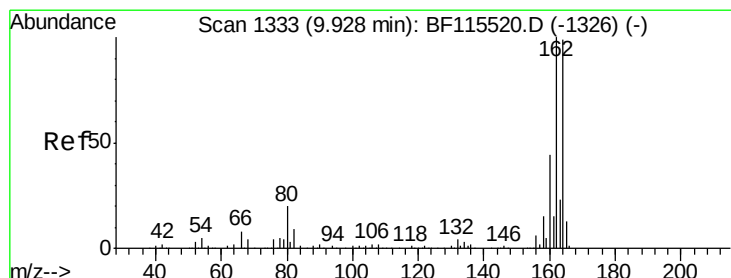
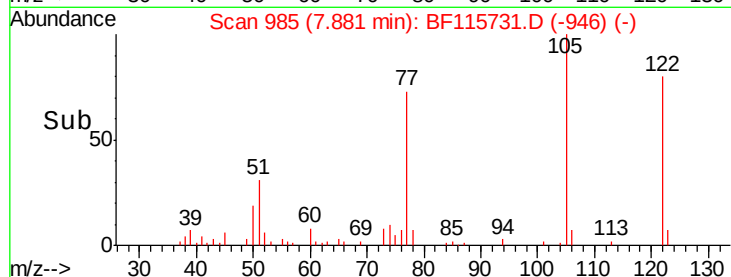
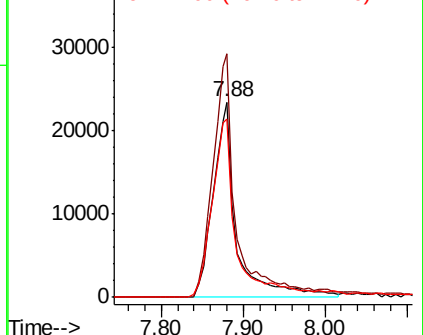
#32
Benzoic acid
Concen: 6.034 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.07 min
Lab File: BF115731.D
Acq: 23 Jul 2019 20:50

Instrument :
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Tgt Ion:122 Resp: 46390
Ion Ratio Lower Upper
122 100
105 124.5 102.5 142.5
77 91.3 70.2 110.2

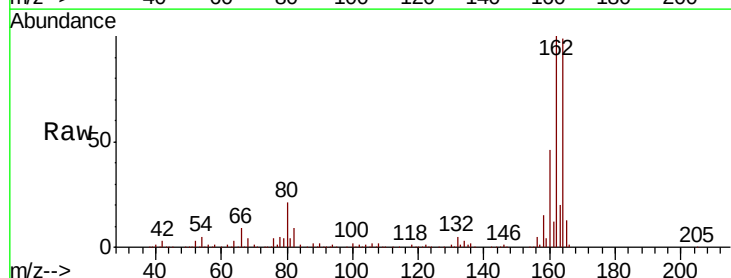


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

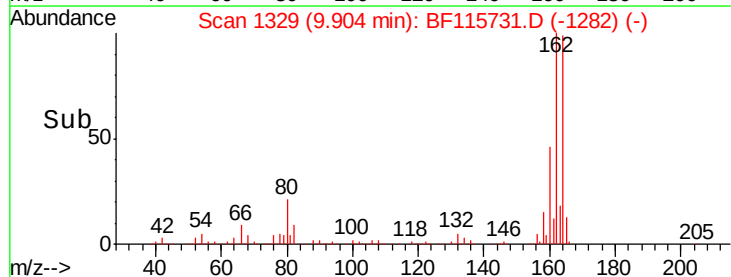
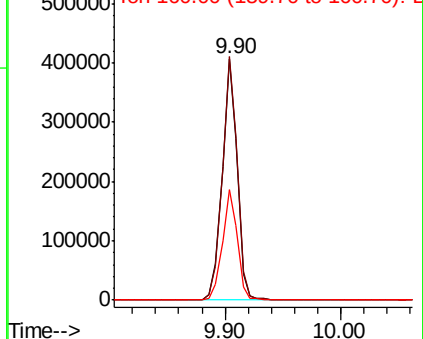


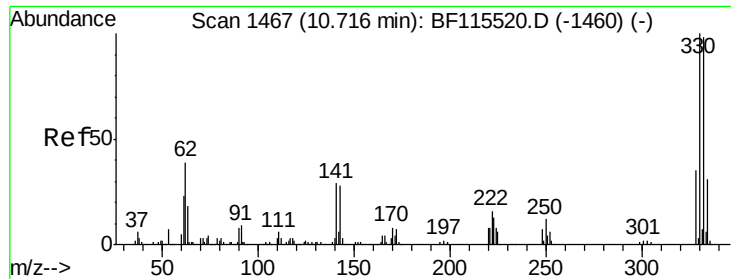
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF115731.D
Acq: 23 Jul 2019 20:50

Tgt Ion:164 Resp: 365844
Ion Ratio Lower Upper
164 100
162 101.0 82.9 124.3
160 46.0 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: 124.768 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BF115731.D

Acq: 23 Jul 2019 20:50

Instrument :

BNA_F

ClientSampleId :

OR-02-071919-A

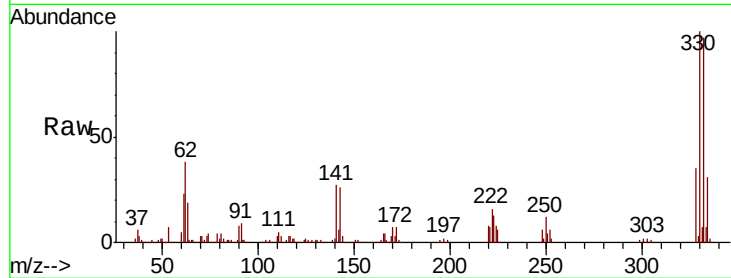
Tgt Ion:330 Resp: 532794

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.2

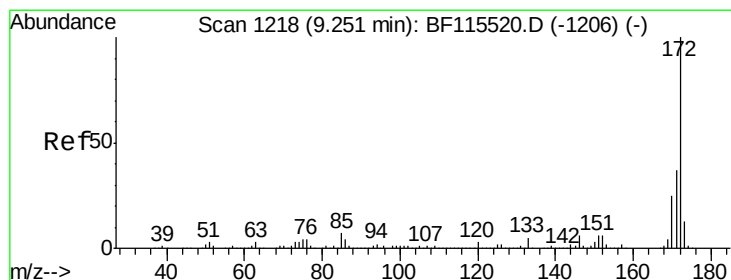
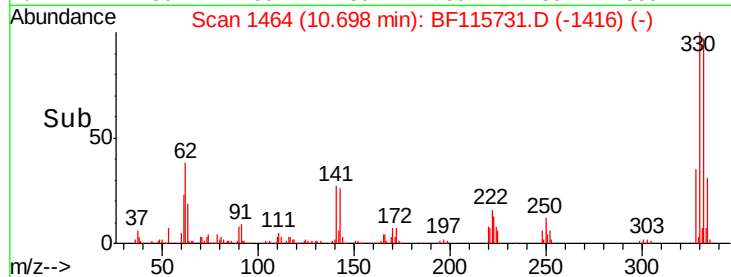
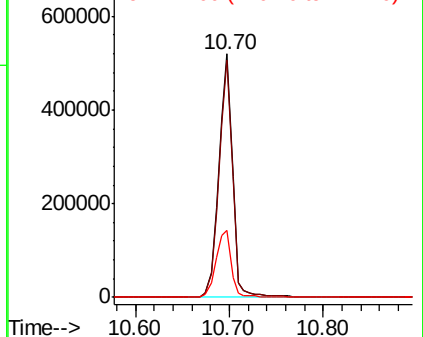
141 31.0 22.4 33.6



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: 90.579 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.02 min

Lab File: BF115731.D

Acq: 23 Jul 2019 20:50

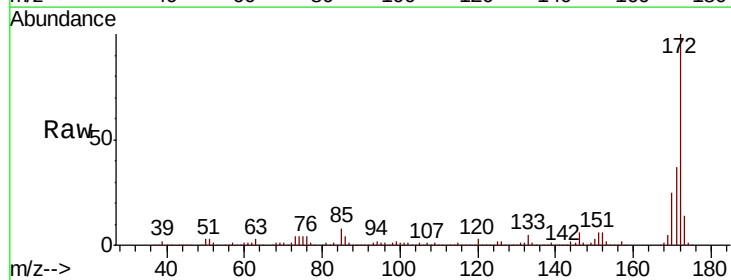
Tgt Ion:172 Resp: 1893272

Ion Ratio Lower Upper

172 100

171 37.1 30.6 46.0

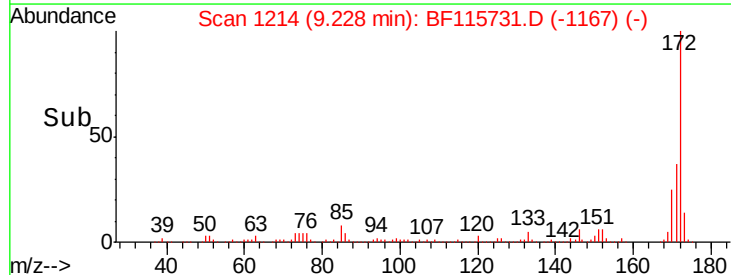
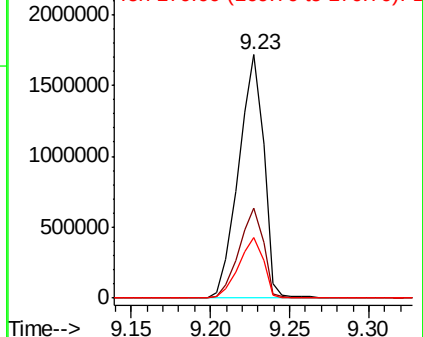
170 25.0 20.5 30.7

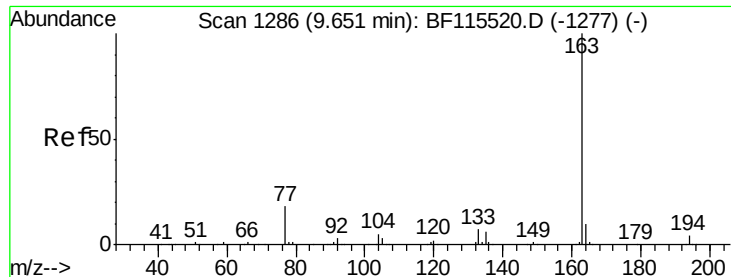


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

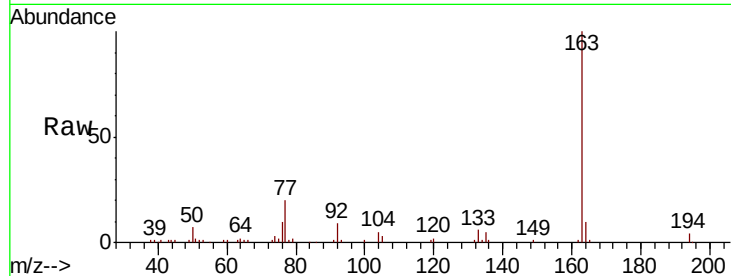




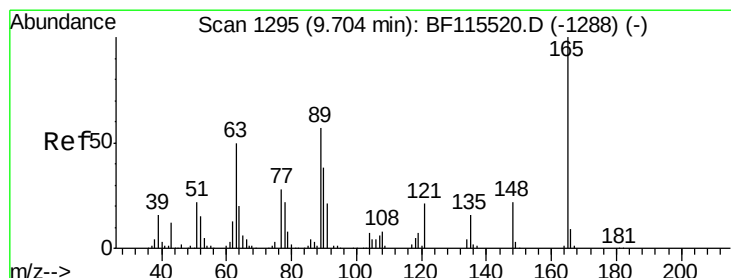
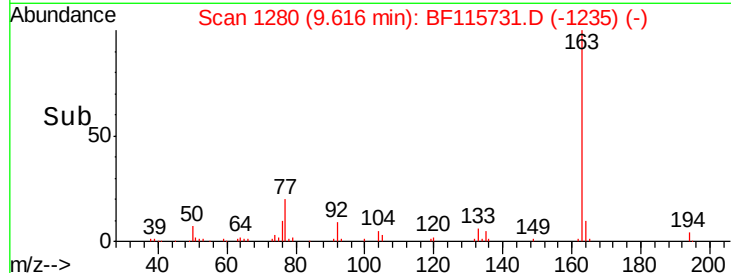
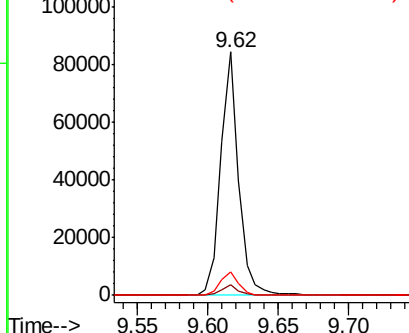
#50
Dimethylphthalate
Concen: 2.719 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.04 min
Lab File: BF115731.D
Acq: 23 Jul 2019 20:50

Instrument :
BNA_F
ClientSampleId :
OR-02-071919-A

Tgt Ion:163 Resp: 74847
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.8 8.7 13.1

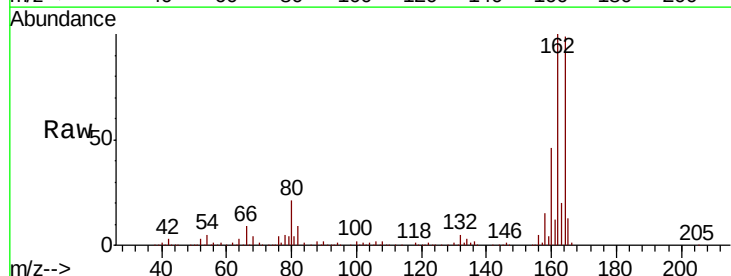


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

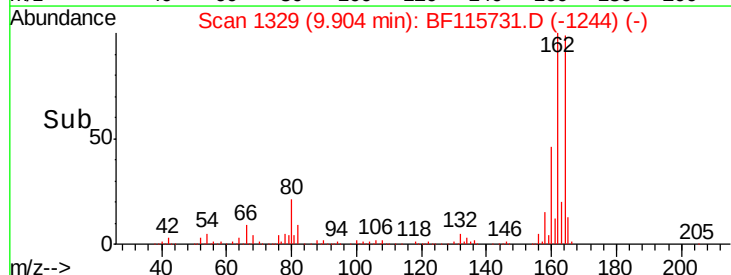
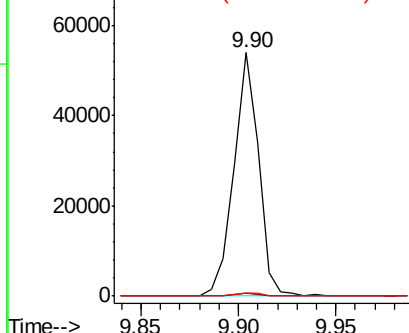


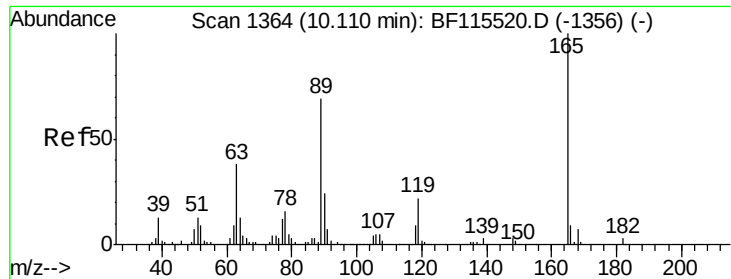
#51
2,6-Dinitrotoluene
Concen: 7.585 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.20 min
Lab File: BF115731.D
Acq: 23 Jul 2019 20:50

Tgt Ion:165 Resp: 47446
Ion Ratio Lower Upper
165 100
63 1.2 40.6 61.0#
89 1.4 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

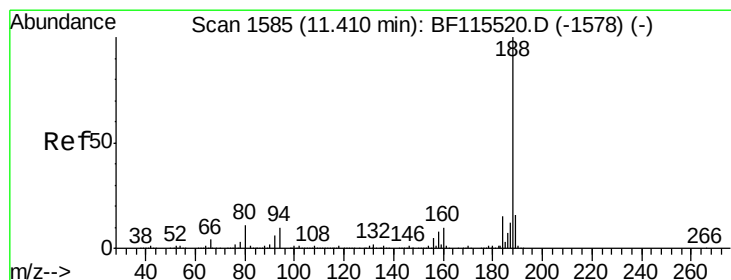
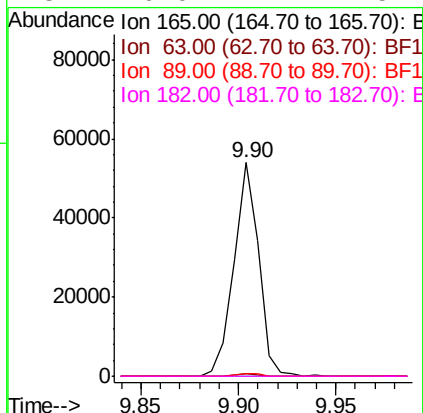
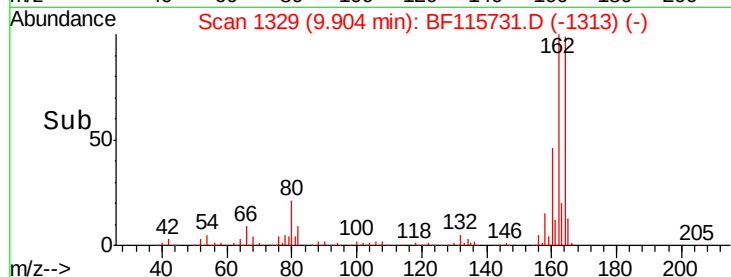
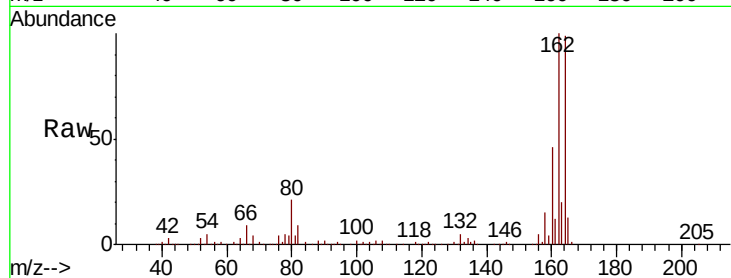




#57
 2,4-Dinitrotoluene
 Concen: 5.855 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.21 min
 Lab File: BF115731.D
 Acq: 23 Jul 2019 20:50

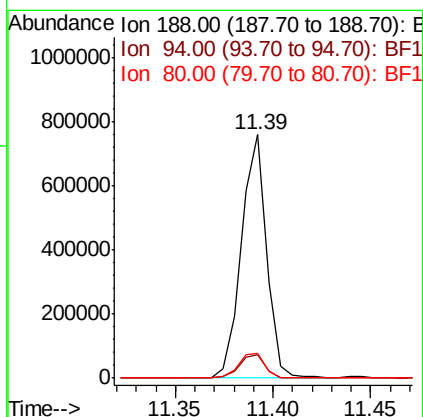
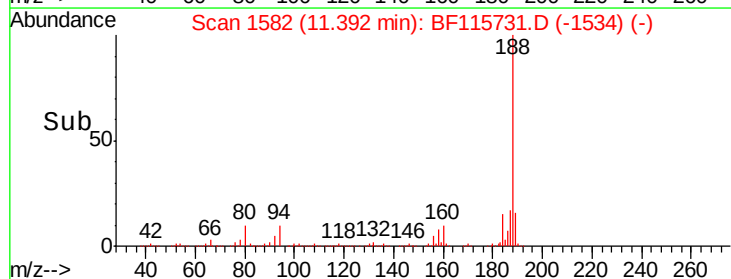
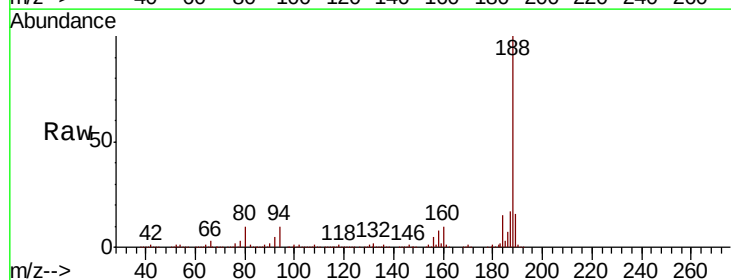
Instrument :
 BNA_F
 ClientSampleId :
 OR-02-071919-A

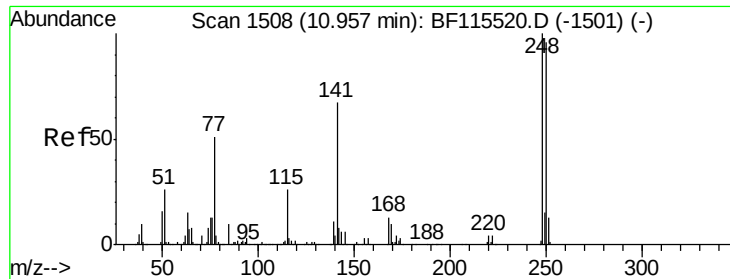
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.9	52.3#
89	1.4	57.5	86.3#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.02 min
 Lab File: BF115731.D
 Acq: 23 Jul 2019 20:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.8	11.6
80	10.1	8.6	13.0

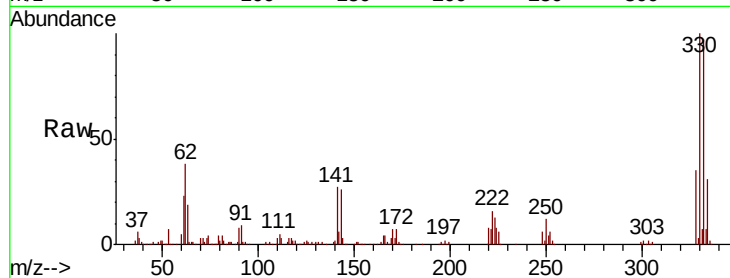




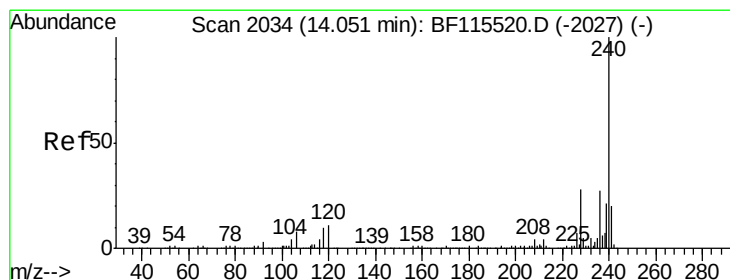
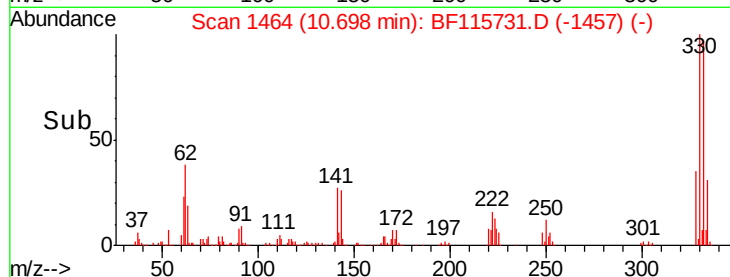
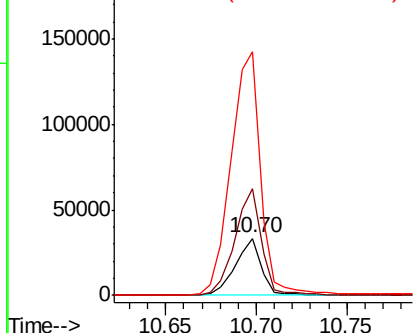
#67
4-Bromophenyl-phenylether
Concen: 4.257 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.26 min
Lab File: BF115731.D
Acq: 23 Jul 2019 20:50

Instrument :
BNA_F
ClientSampleId :
OR-02-071919-A

Tgt Ion: 248 Resp: 33158
Ion Ratio Lower Upper
248 100
250 186.9 78.0 117.0#
141 426.0 57.7 86.5#

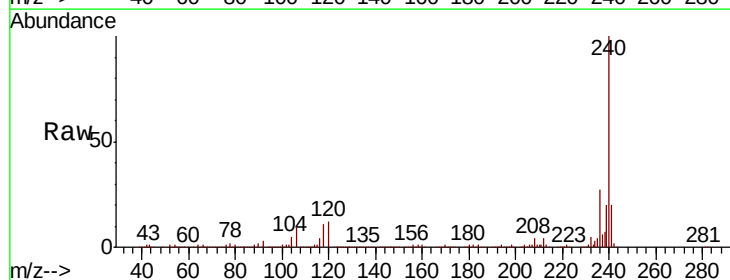


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

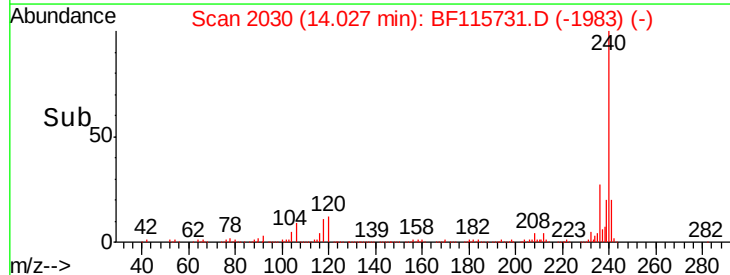
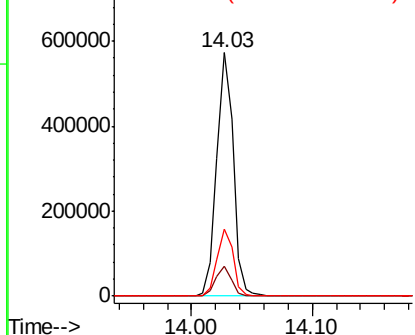


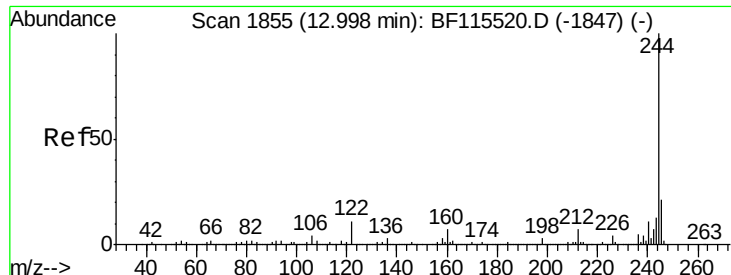
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF115731.D
Acq: 23 Jul 2019 20:50

Tgt Ion: 240 Resp: 537404
Ion Ratio Lower Upper
240 100
120 12.4 8.6 13.0
236 27.4 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: 82.776 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BF115731.D

Acq: 23 Jul 2019 20:50

Instrument :

BNA_F

ClientSampleId :

OR-02-071919-A

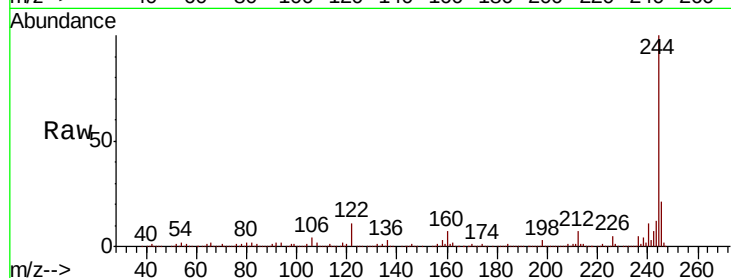
Tgt Ion:244 Resp: 2410845

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

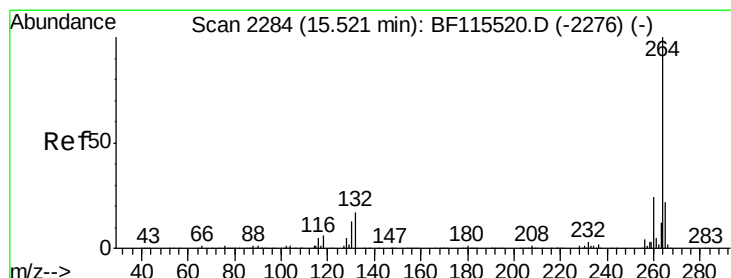
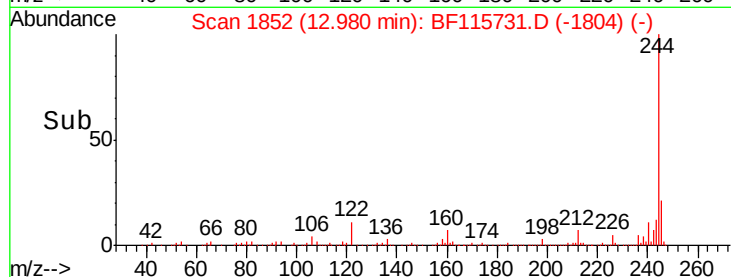
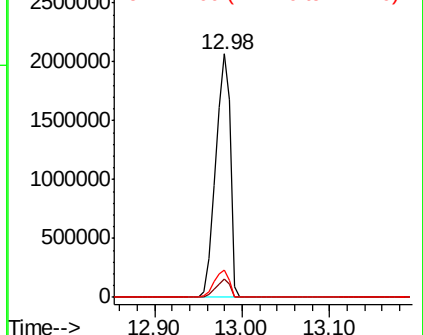
122 11.3 8.6 12.8



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: BF115731.D

Acq: 23 Jul 2019 20:50

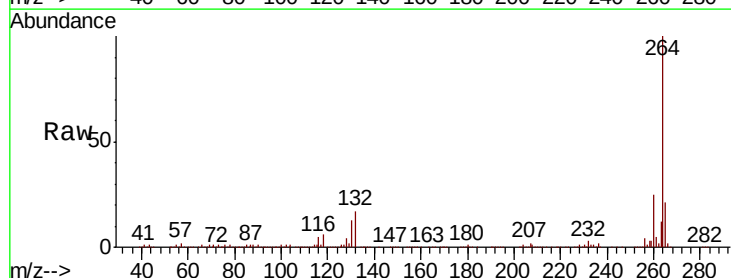
Tgt Ion:264 Resp: 476505

Ion Ratio Lower Upper

264 100

260 24.6 19.8 29.8

265 21.1 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

