

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072319\
 Data File : BF115733.D
 Acq On : 23 Jul 2019 21:43
 Operator : HP/JU
 Sample : K3622-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jul 24 04:58:52 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

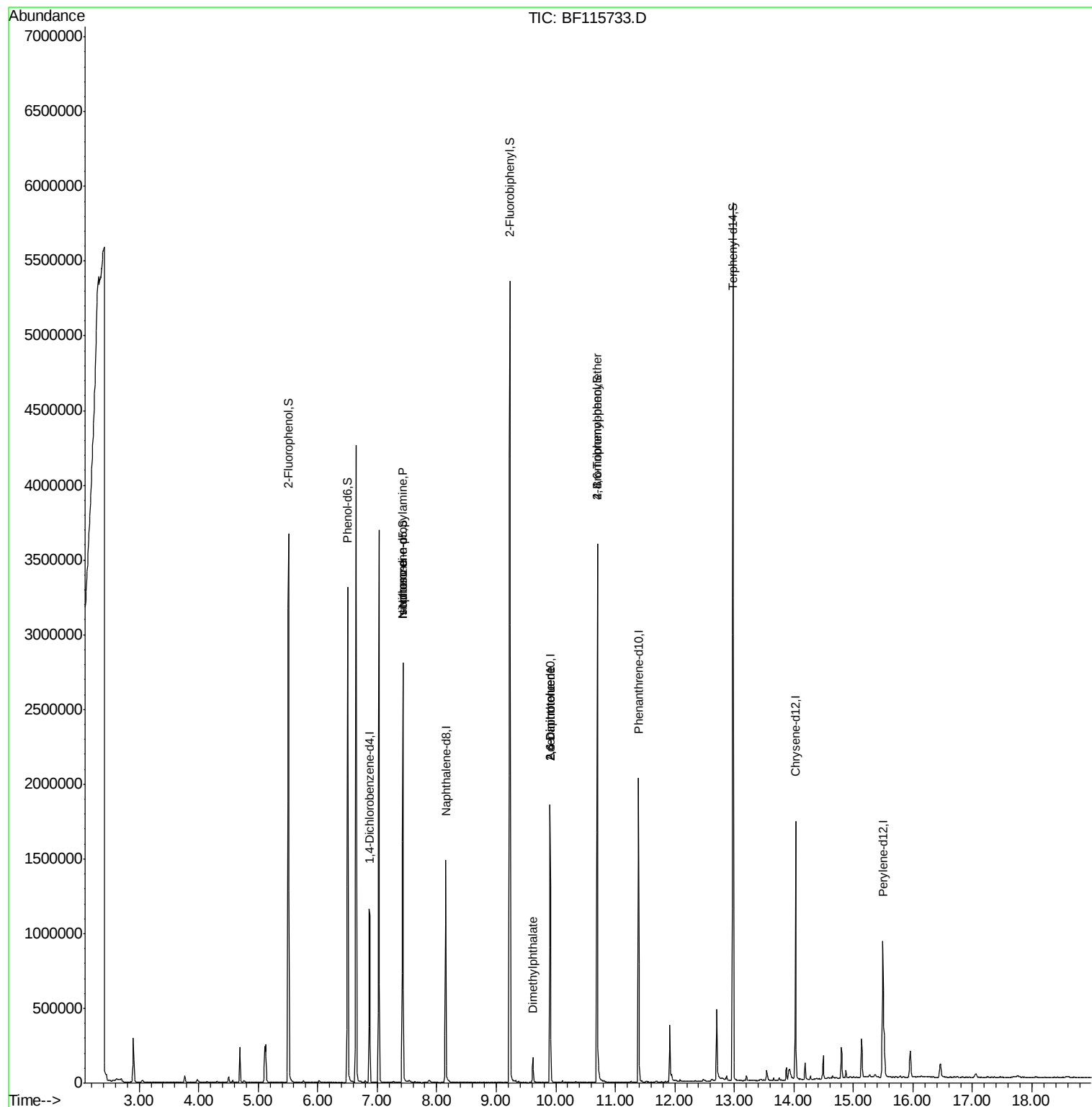
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	175657	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	675225	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	378630	20.00	ng	-0.02
64) Phenanthrene-d10	11.39	188	698092	20.00	ng	-0.02
76) Chrysene-d12	14.03	240	534080	20.00	ng	-0.02
87) Perylene-d12	15.49	264	470554	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1156172	107.66	ng	0.00
7) Phenol-d6	6.50	99	1378294	101.15	ng	-0.01
23) Nitrobenzene-d5	7.43	82	1068739	92.03	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	544885	123.29	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	1895847	87.64	ng	-0.02
79) Terphenyl-d14	12.98	244	2374404	82.03	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	143612	16.160	ng	# 79
25) Isophorone	7.43	82	1054738	45.391	ng	# 64
50) Dimethylphthalate	9.62	163	71989	2.527	ng	97
51) 2,6-Dinitrotoluene	9.90	165	48845	7.545	ng	# 27
57) 2,4-Dinitrotoluene	9.90	165	48845	5.824	ng	# 24
67) 4-Bromophenyl-phenylether	10.70	248	32620	4.089	ng	# 1

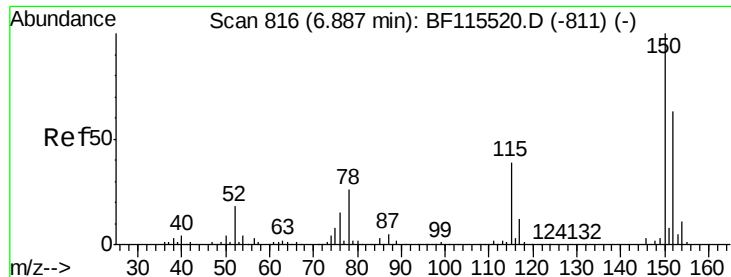
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072319\
Data File : BF115733.D
Acq On : 23 Jul 2019 21:43
Operator : HP/JU
Sample : K3622-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jul 24 04:58:52 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



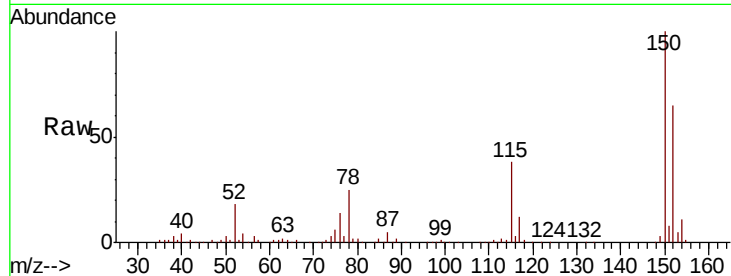


#1

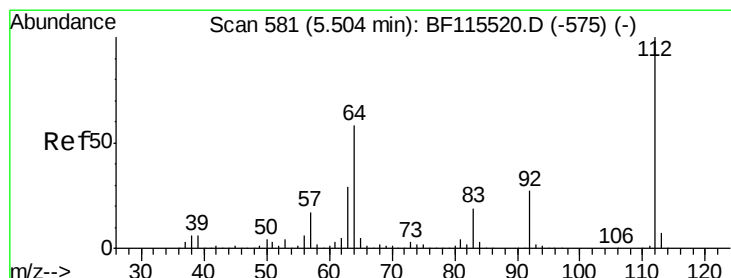
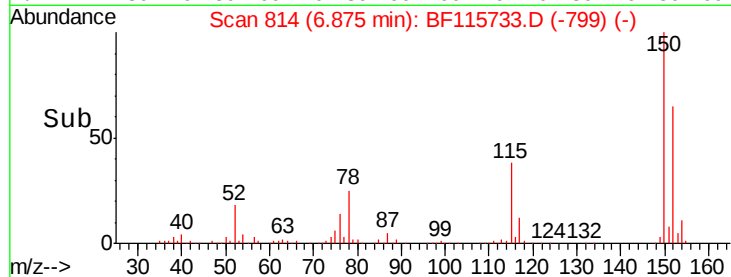
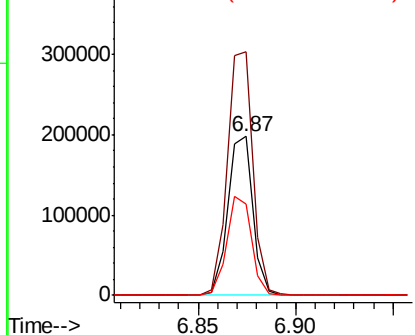
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF115733.D
Acq: 23 Jul 2019 21:43

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

Tgt Ion:152 Resp: 175657
Ion Ratio Lower Upper
152 100
150 153.2 129.7 194.5
115 57.7 48.2 72.4



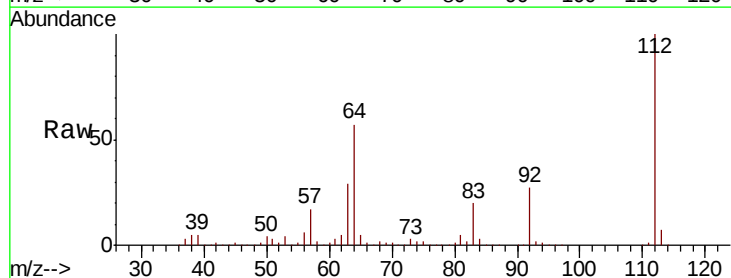
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



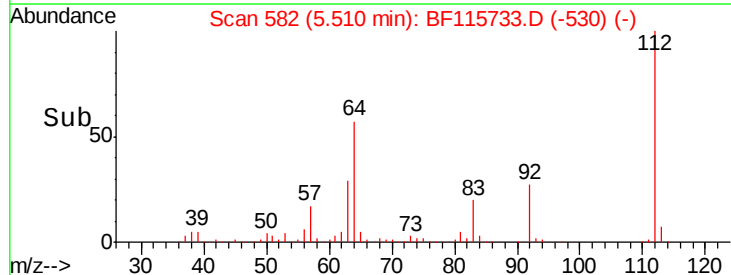
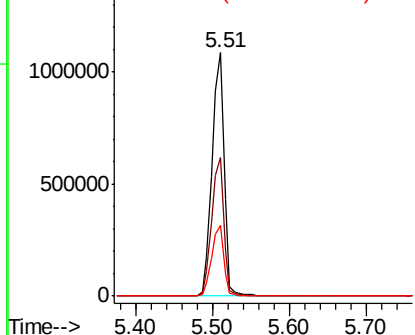
#5

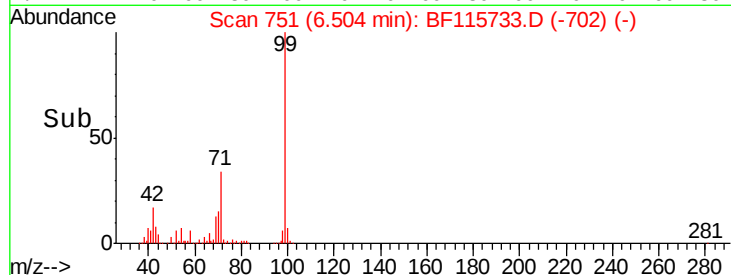
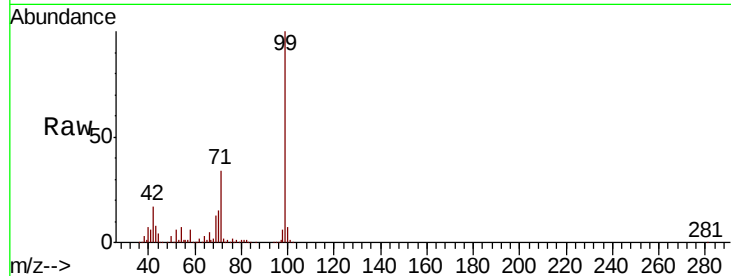
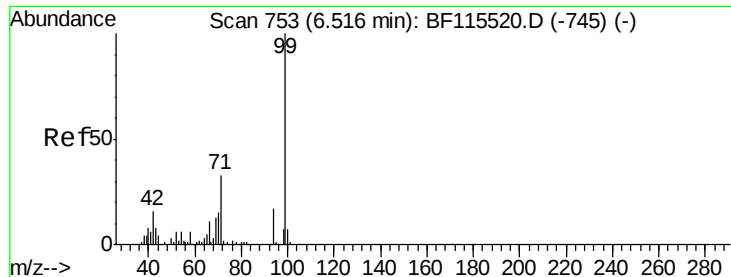
2-Fluorophenol
Concen: 107.662 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF115733.D
Acq: 23 Jul 2019 21:43

Tgt Ion:112 Resp: 1156172
Ion Ratio Lower Upper
112 100
64 56.9 46.8 70.2
63 29.0 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: 101.149 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF115733.D

Acq: 23 Jul 2019 21:43

Instrument :

BNA_F

ClientSampleId :

OR-02-071919-B

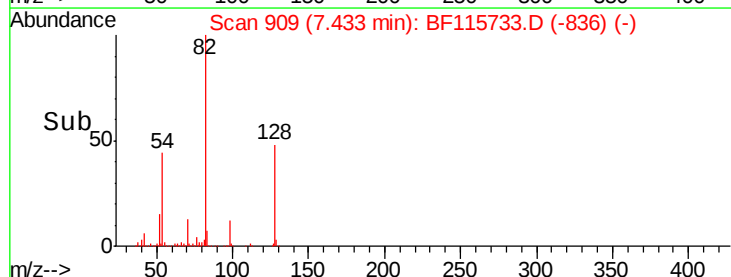
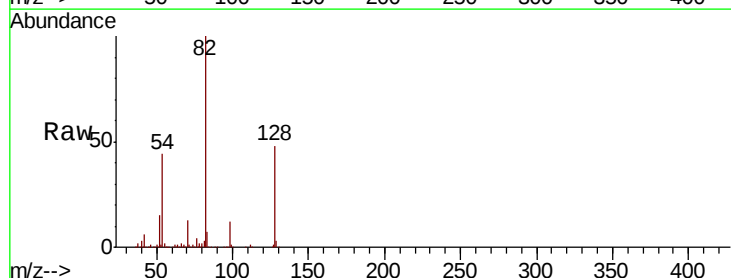
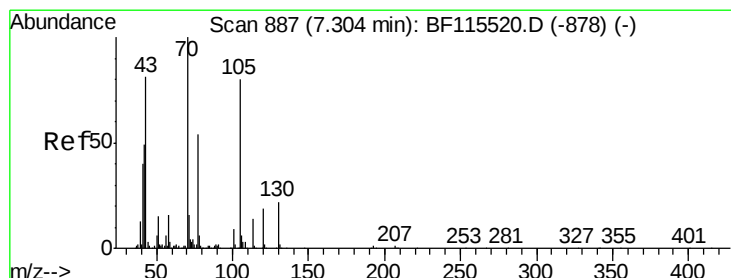
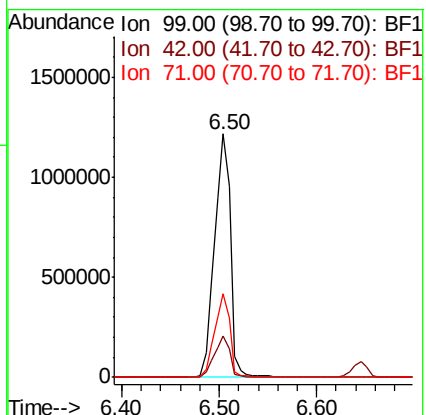
Tgt Ion: 99 Resp: 1378294

Ion Ratio Lower Upper

99 100

42 16.8 13.6 20.4

71 34.4 28.5 42.7



#19

n-Nitroso-di-n-propylamine

Concen: 16.160 ng

RT: 7.43 min Scan# 909

Delta R.T. 0.13 min

Lab File: BF115733.D

Acq: 23 Jul 2019 21:43

Tgt Ion: 70 Resp: 143612

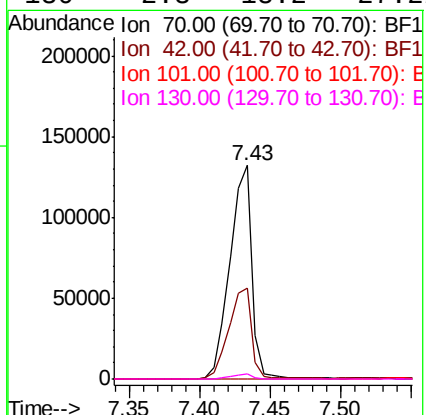
Ion Ratio Lower Upper

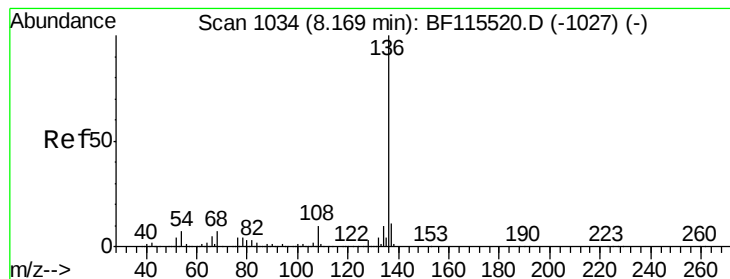
70 100

42 42.5 39.6 59.4

101 0.0 8.1 12.1#

130 2.3 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: BF115733.D

Acq: 23 Jul 2019 21:43

Instrument :

BNA_F

ClientSampleId :

OR-02-071919-B

Tgt Ion:136 Resp: 675225

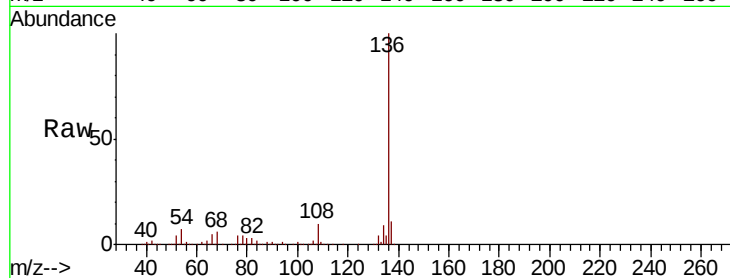
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 6.7 5.6 8.4

68 5.9 5.0 7.6

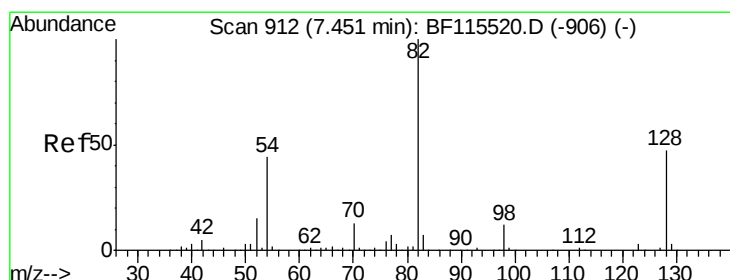
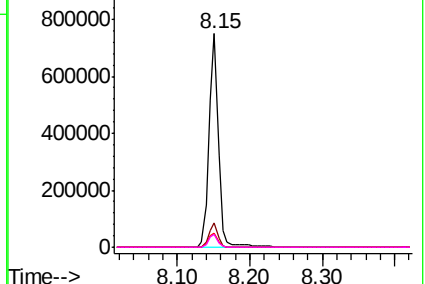
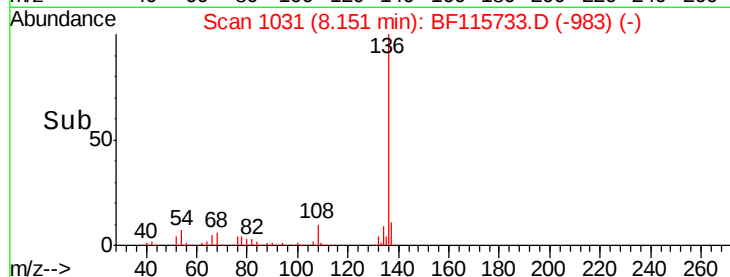


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.034 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF115733.D

Acq: 23 Jul 2019 21:43

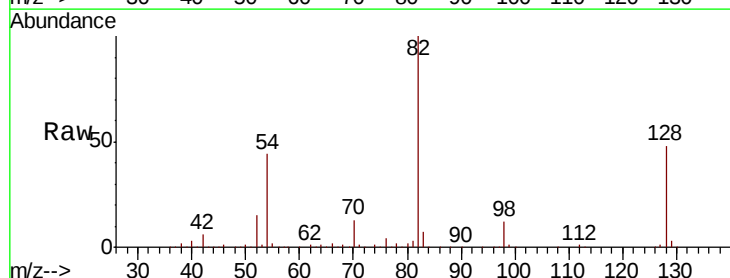
Tgt Ion: 82 Resp: 1068739

Ion Ratio Lower Upper

82 100

128 47.5 38.6 57.8

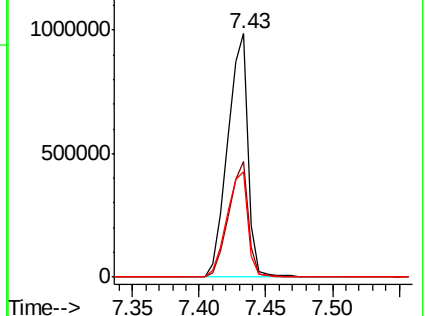
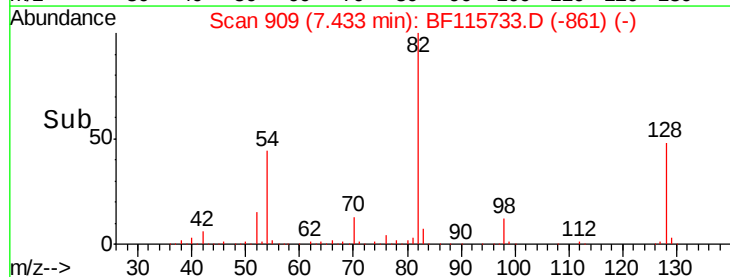
54 43.5 35.6 53.4

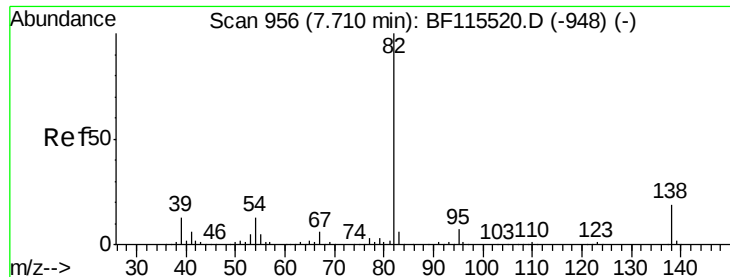


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 45.391 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.28 min

Lab File: BF115733.D

Acq: 23 Jul 2019 21:43

Instrument :

BNA_F

ClientSampleId :

OR-02-071919-B

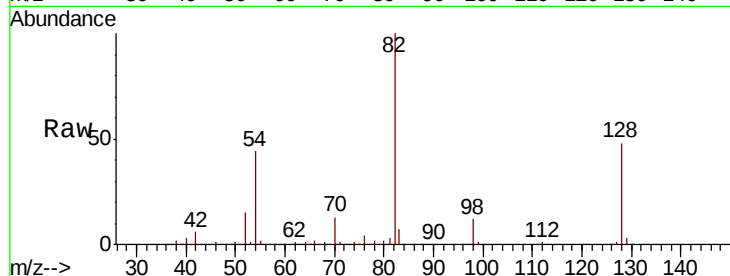
Tgt Ion: 82 Resp: 1054738

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

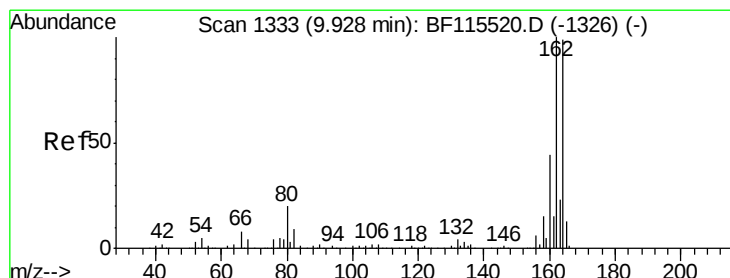
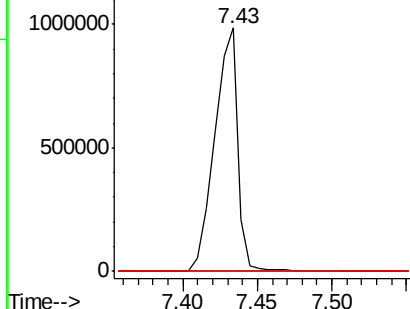
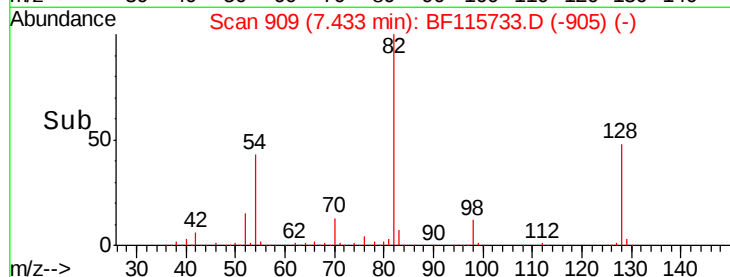
138 0.0 14.9 22.3#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF115733.D

Acq: 23 Jul 2019 21:43

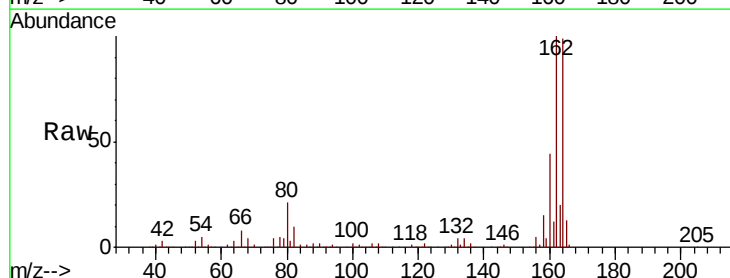
Tgt Ion: 164 Resp: 378630

Ion Ratio Lower Upper

164 100

162 101.4 82.9 124.3

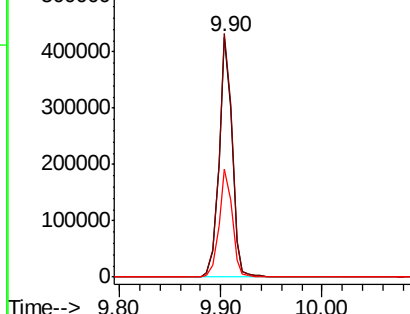
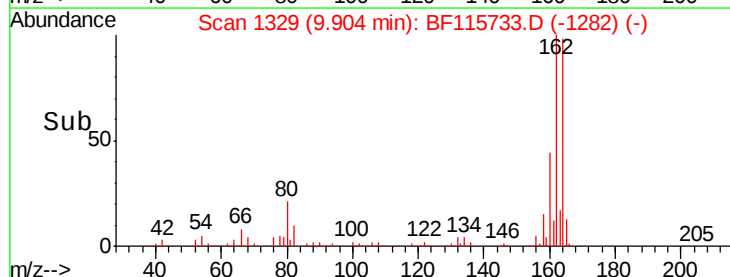
160 44.9 36.8 55.2

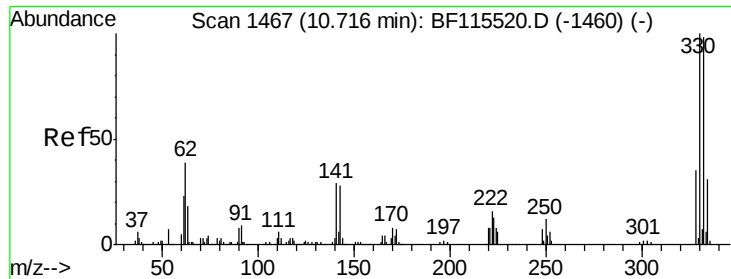


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 123.290 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BF115733.D

Acq: 23 Jul 2019 21:43

Instrument :

BNA_F

ClientSampleId :

OR-02-071919-B

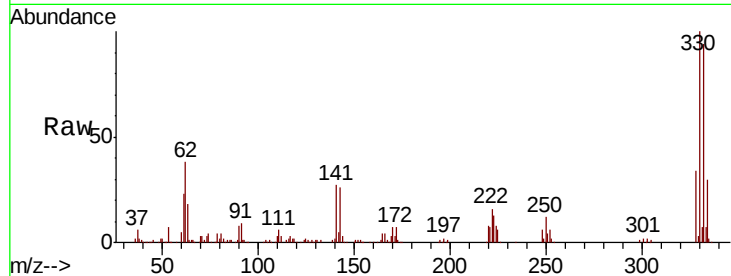
Tgt Ion:330 Resp: 544885

Ion Ratio Lower Upper

330 100

332 95.3 77.4 116.2

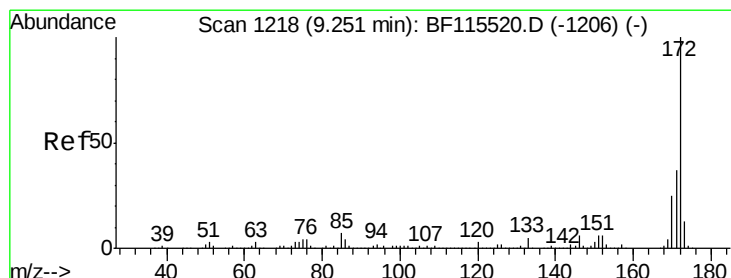
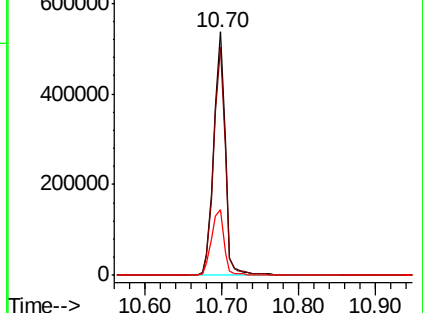
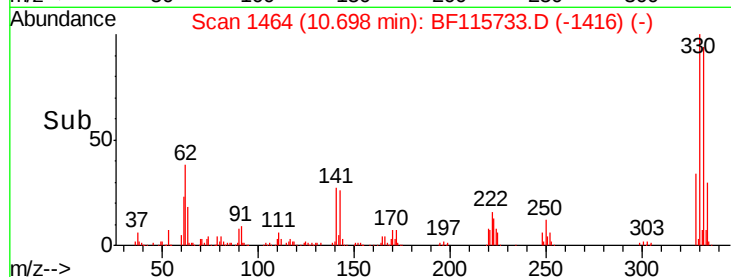
141 30.4 22.4 33.6



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: 87.639 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.02 min

Lab File: BF115733.D

Acq: 23 Jul 2019 21:43

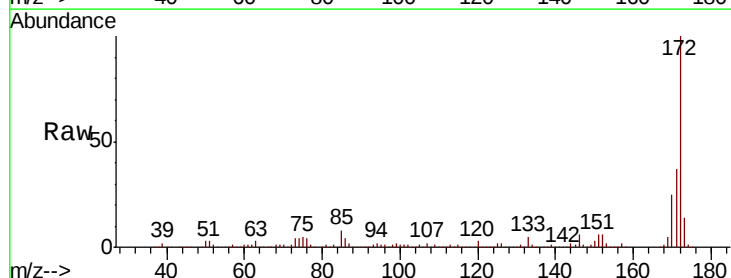
Tgt Ion:172 Resp: 1895847

Ion Ratio Lower Upper

172 100

171 36.9 30.6 46.0

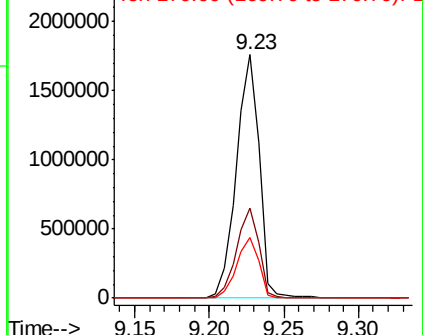
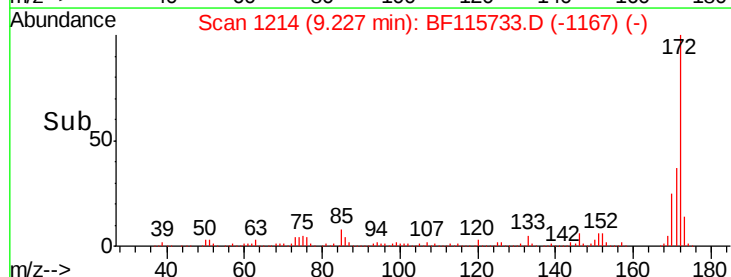
170 25.1 20.5 30.7

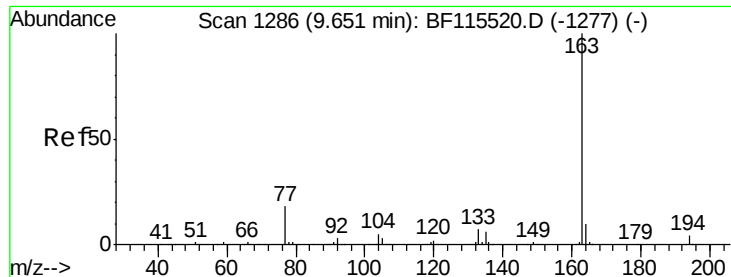


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

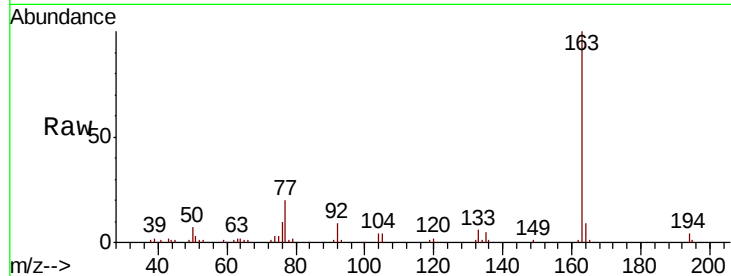




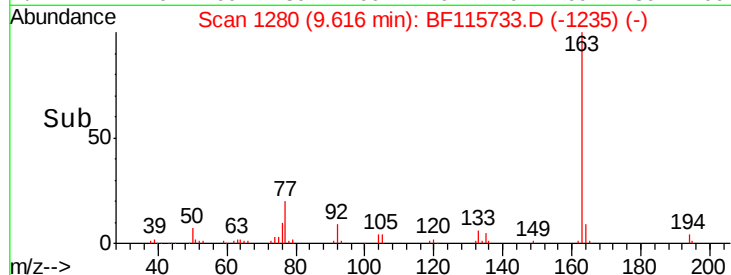
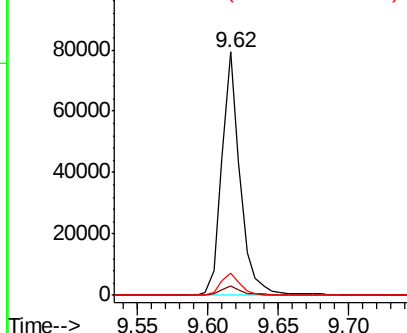
#50
Dimethylphthalate
Concen: 2.527 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.04 min
Lab File: BF115733.D
Acq: 23 Jul 2019 21:43

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

Tgt Ion:163 Resp: 71989
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.3 8.7 13.1

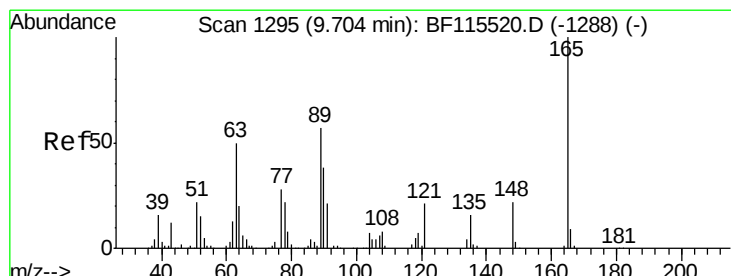


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

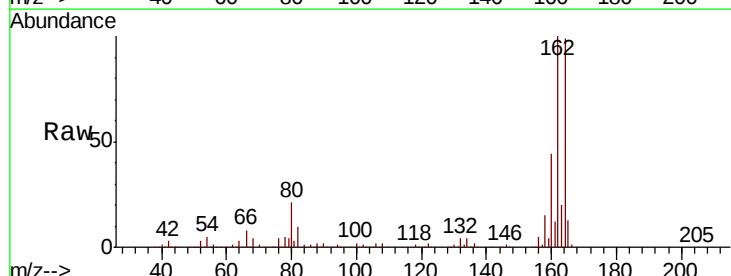
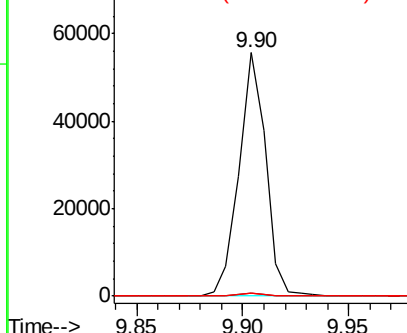


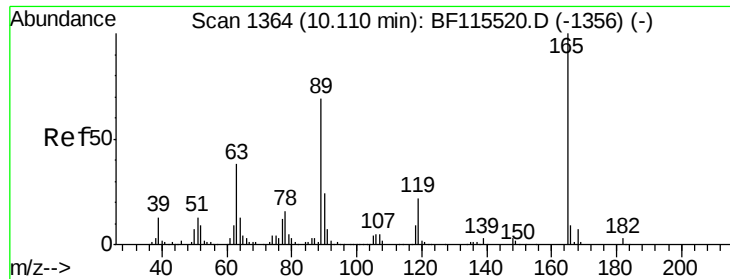
#51
2,6-Dinitrotoluene
Concen: 7.545 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.20 min
Lab File: BF115733.D
Acq: 23 Jul 2019 21:43

Tgt Ion:165 Resp: 48845
Ion Ratio Lower Upper
165 100
63 1.2 40.6 61.0#
89 1.3 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

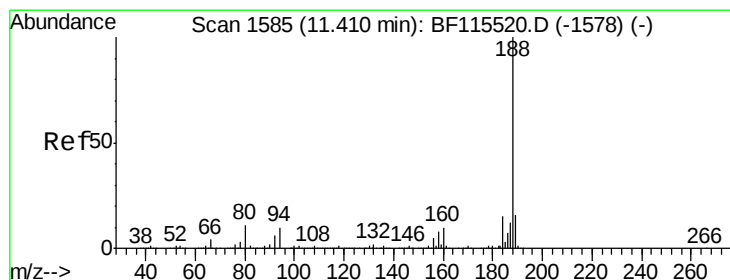
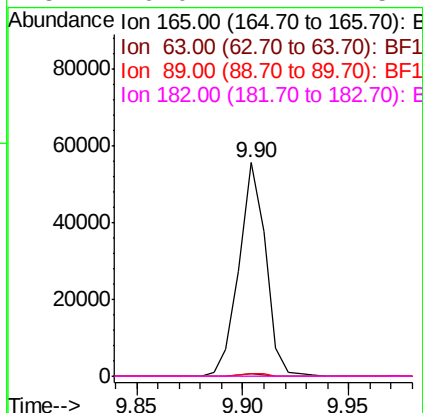
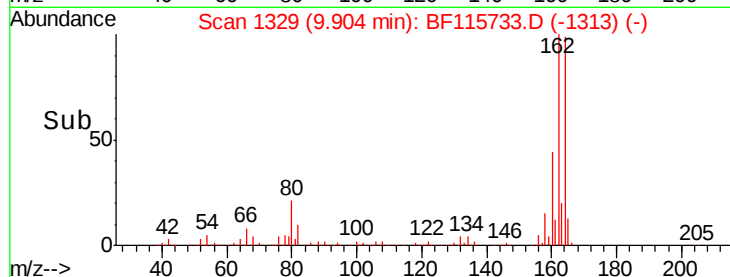
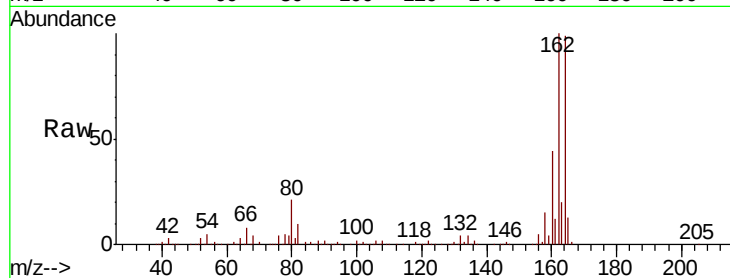




#57
2,4-Dinitrotoluene
Concen: 5.824 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.21 min
Lab File: BF115733.D
Acq: 23 Jul 2019 21:43

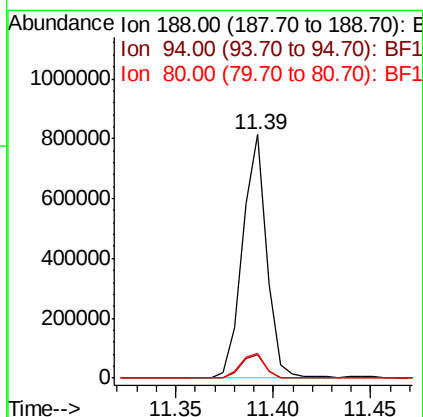
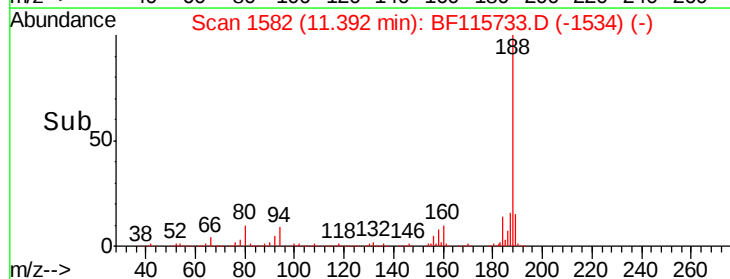
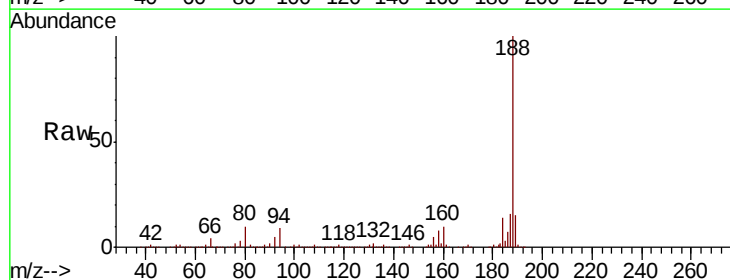
Instrument :
BNA_F
ClientSampleId :
OR-02-071919-B

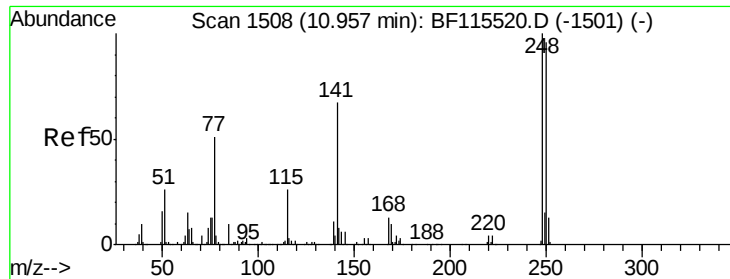
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.9	52.3#
89	1.3	57.5	86.3#
182	0.0	2.2	3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.02 min
Lab File: BF115733.D
Acq: 23 Jul 2019 21:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.8	11.6
80	10.4	8.6	13.0

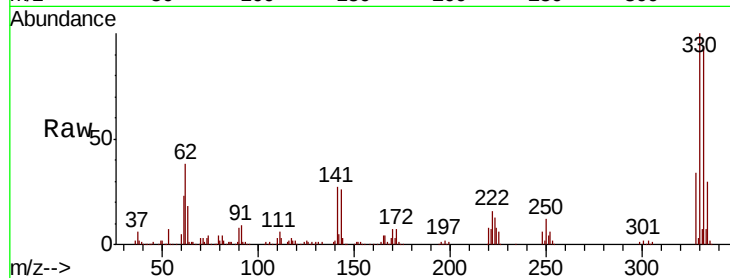




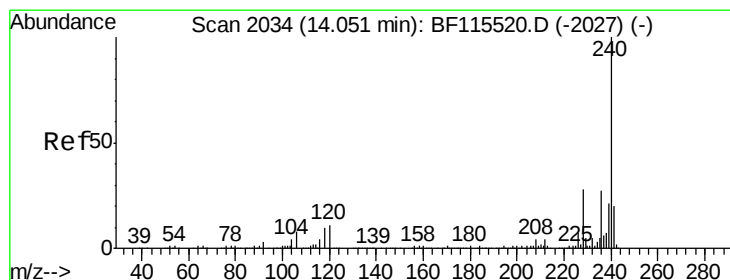
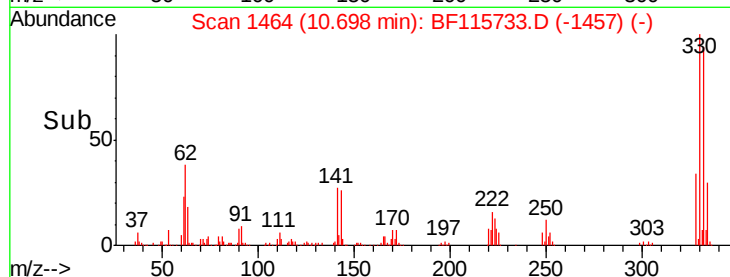
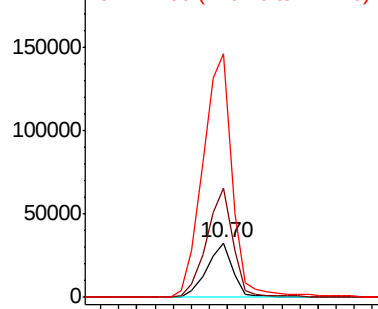
#67
4-Bromophenyl-phenylether
Concen: 4.089 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.26 min
Lab File: BF115733.D
Acq: 23 Jul 2019 21:43

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

Tgt Ion:248 Resp: 32620
Ion Ratio Lower Upper
248 100
250 202.2 78.0 117.0#
141 449.0 57.7 86.5#

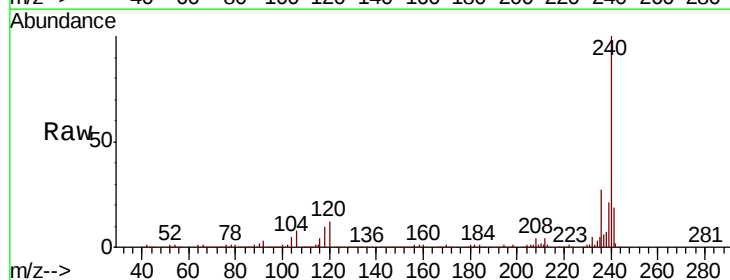


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

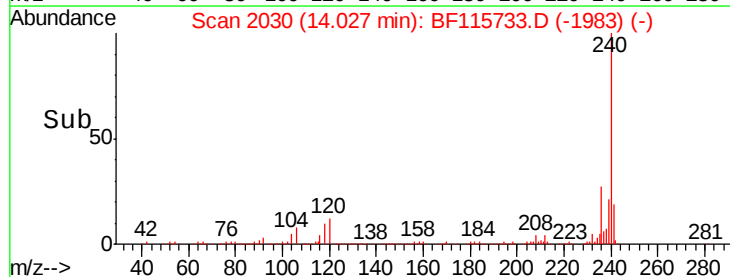
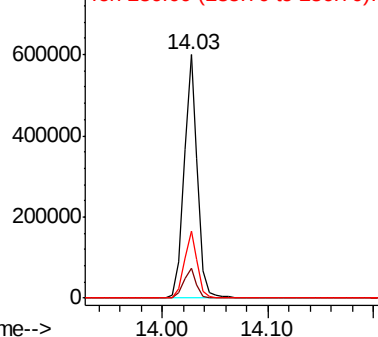


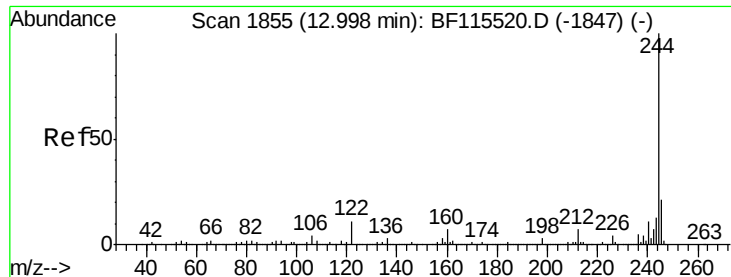
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BF115733.D
Acq: 23 Jul 2019 21:43

Tgt Ion:240 Resp: 534080
Ion Ratio Lower Upper
240 100
120 12.0 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: 82.032 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BF115733.D

Acq: 23 Jul 2019 21:43

Instrument :

BNA_F

ClientSampleId :

OR-02-071919-B

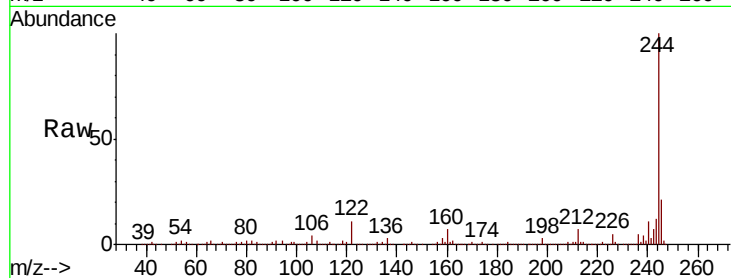
Tgt Ion:244 Resp: 2374404

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

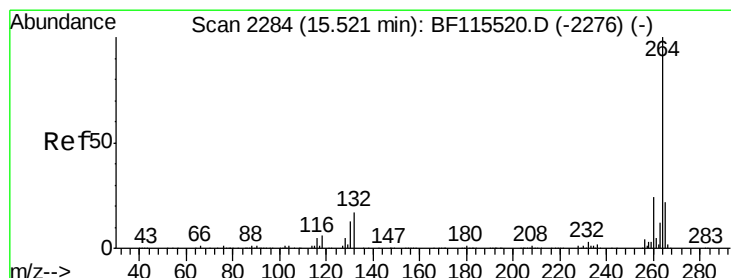
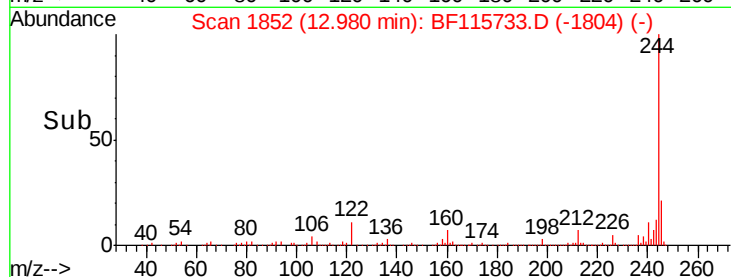
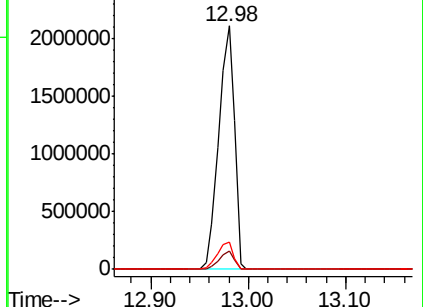
122 11.1 8.6 12.8



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: 15.49 min Scan# 2279

Delta R.T. -0.03 min

Lab File: BF115733.D

Acq: 23 Jul 2019 21:43

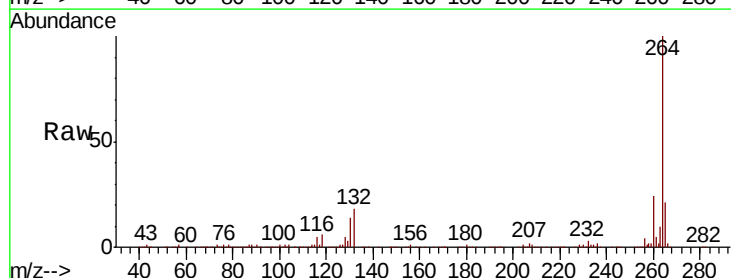
Tgt Ion:264 Resp: 470554

Ion Ratio Lower Upper

264 100

260 23.9 19.8 29.8

265 21.4 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

