

Data File : BF115276.D
Acq On : 28 Jun 2019 12:54
Operator : HP/JU
Sample : PB120984TB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120984TB

Quant Time: Jun 29 02:32:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	248654	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	961513	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	484290	20.00	ng	0.00
64) Phenanthrene-d10	11.09	188	976953	20.00	ng	0.00
76) Chrysene-d12	13.71	240	786779	20.00	ng	0.00
87) Perylene-d12	15.08	264	837799	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1562292	96.96	ng	0.01
7) Phenol-d6	6.24	99	1923160	98.33	ng	0.00
23) Nitrobenzene-d5	7.16	82	1176050	75.24	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	585816	114.71	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2293928	80.46	ng	0.00
79) Terphenyl-d14	12.68	244	2729409	73.76	ng	0.00

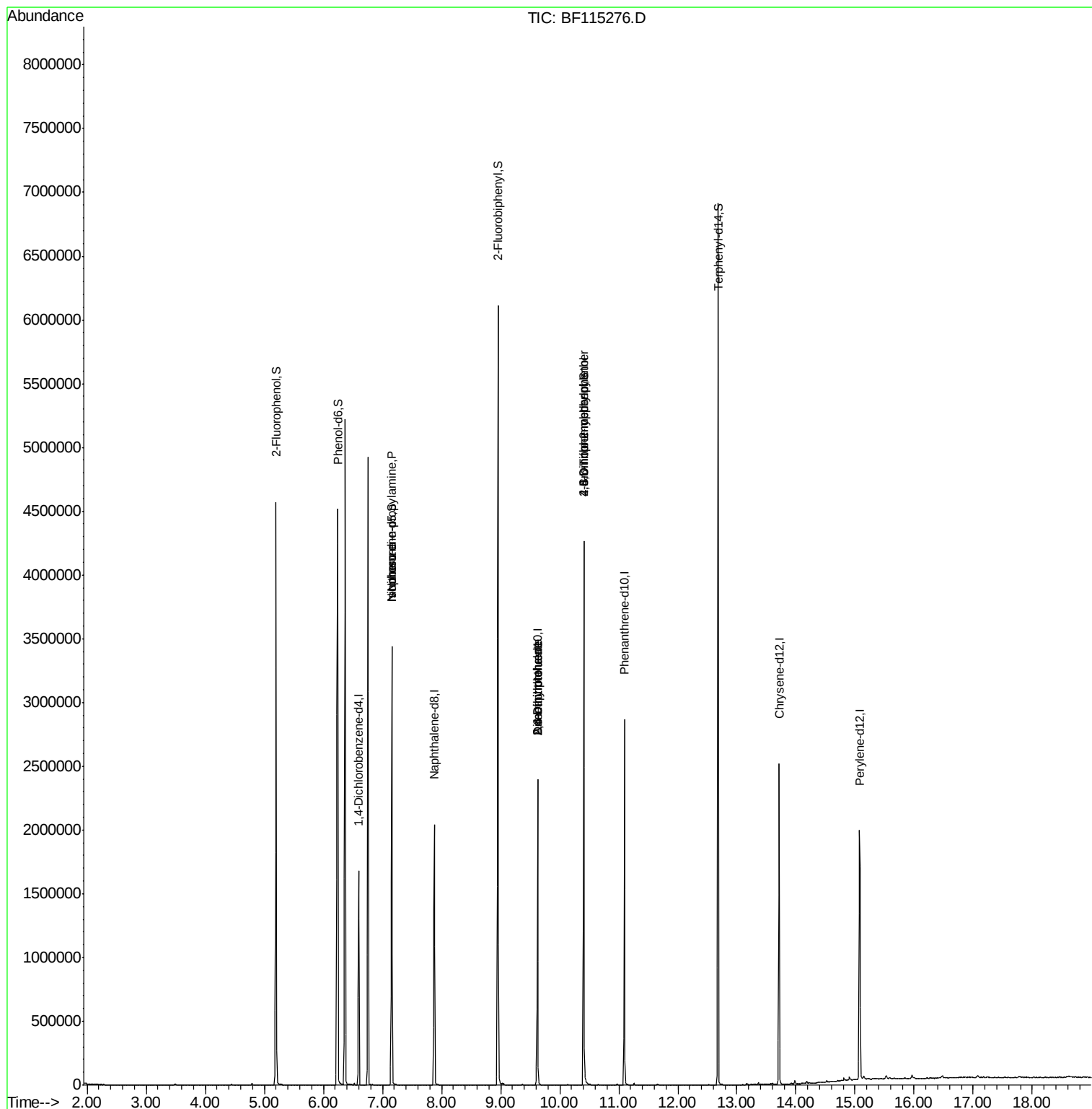
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.16	70	154604	12.348	ng	# 77
25) Isophorone	7.16	82	1167951	36.476	ng	# 63
50) Dimethylphthalate	9.62	163	135220	3.795	ng	# 1
51) 2,6-Dinitrotoluene	9.62	165	62021	7.540	ng	# 29
57) 2,4-Dinitrotoluene	9.62	165	62021	5.839	ng	# 30
58) Fluorene	10.41	166	26211	Below Cal		# 89
65) 4,6-Dinitro-2-methylphenol	10.41	198	1232	5.172	ng	# 1
67) 4-Bromophenyl-phenylether	10.41	248	36720	3.467	ng	# 1

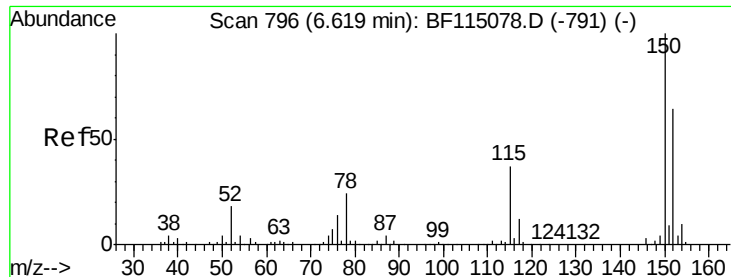
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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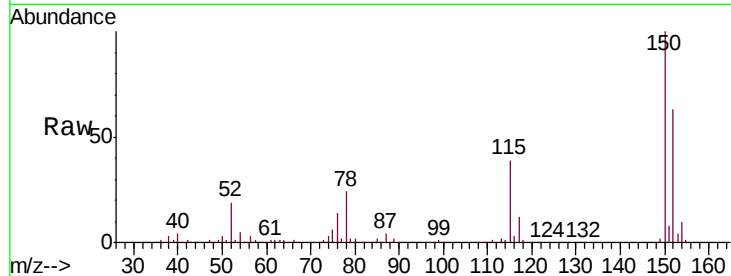


#1

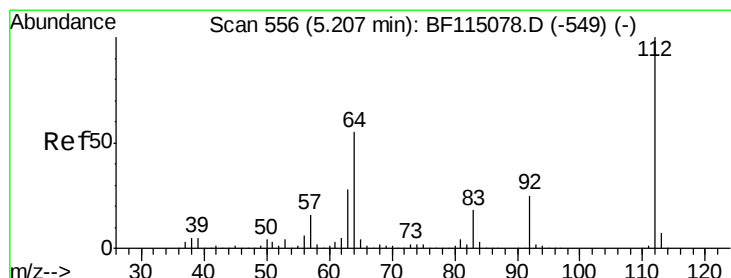
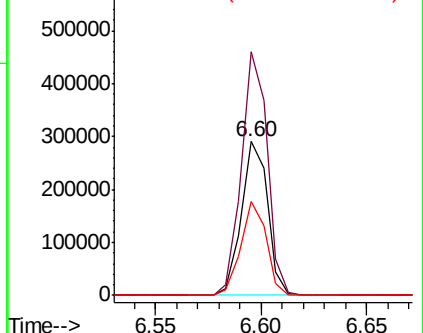
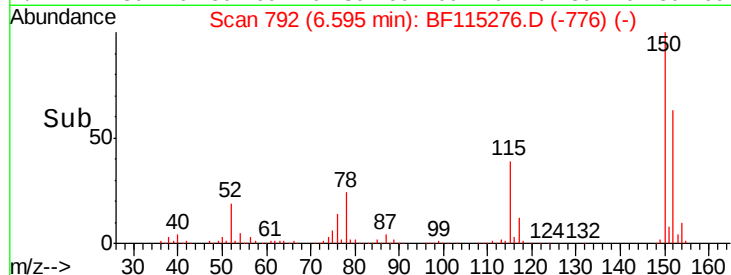
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.60 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF115276.D
 Acq: 28 Jun 2019 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB120984TB

Tgt Ion:152 Resp: 248654
 Ion Ratio Lower Upper
 152 100
 150 158.6 124.2 186.2
 115 61.1 46.1 69.1



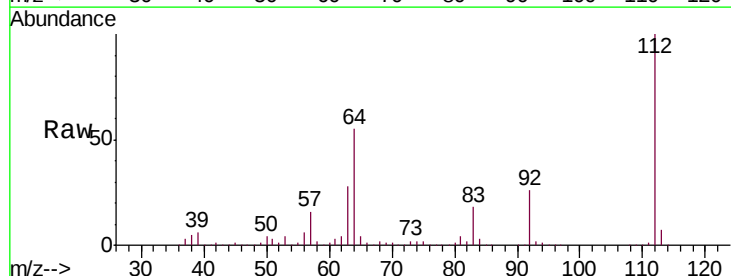
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



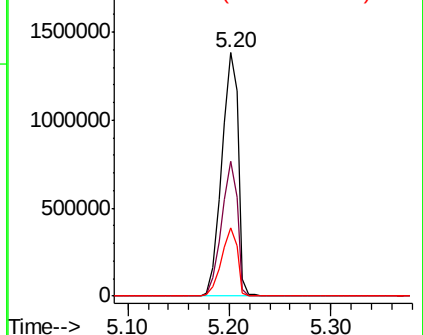
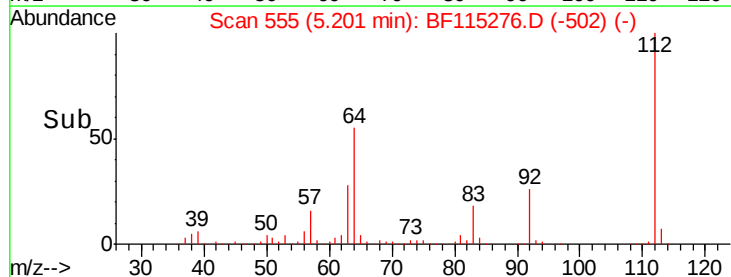
#5

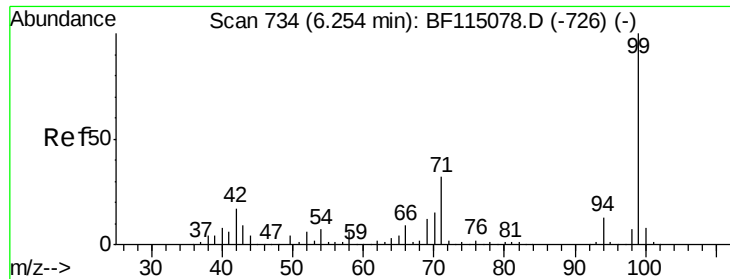
2-Fluorophenol
 Concen: 96.957 ng
 RT: 5.20 min Scan# 555
 Delta R.T. 0.01 min
 Lab File: BF115276.D
 Acq: 28 Jun 2019 12:54

Tgt Ion:112 Resp: 1562292
 Ion Ratio Lower Upper
 112 100
 64 55.4 43.8 65.6
 63 27.9 22.2 33.4



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: 98.334 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF115276.D

Acq: 28 Jun 2019 12:54

Instrument :

BNA_F

ClientSampleId :

PB120984TB

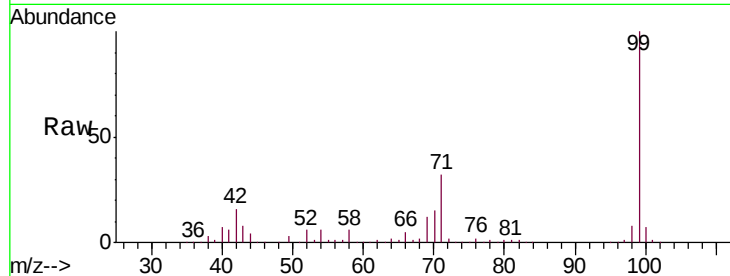
Tgt Ion: 99 Resp: 1923160

Ion Ratio Lower Upper

99 100

42 16.1 13.6 20.4

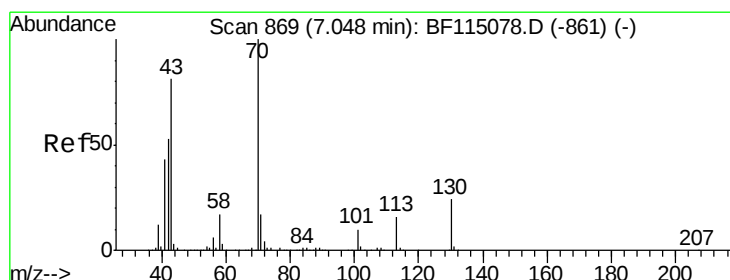
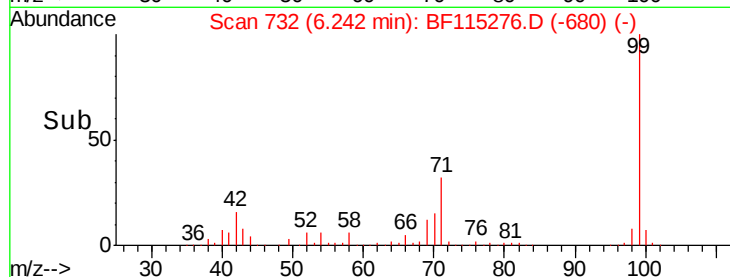
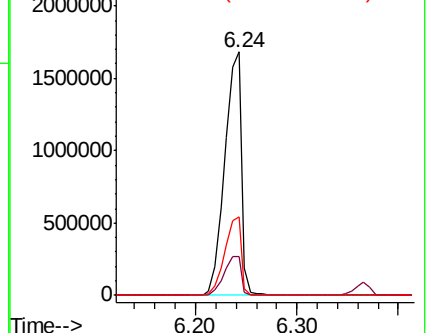
71 32.0 25.5 38.3



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: 12.348 ng

RT: 7.16 min Scan# 888

Delta R.T. 0.14 min

Lab File: BF115276.D

Acq: 28 Jun 2019 12:54

Tgt Ion: 70 Resp: 154604

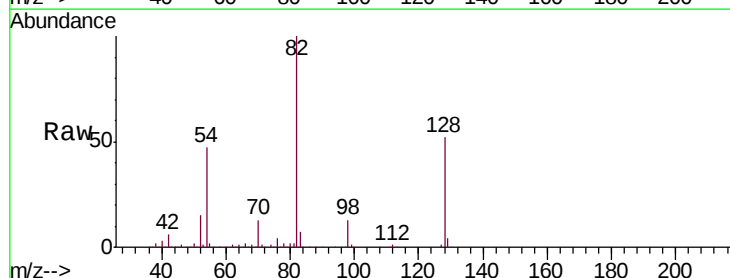
Ion Ratio Lower Upper

70 100

42 44.2 42.6 63.8

101 0.0 8.0 12.0#

130 2.5 19.4 29.0#

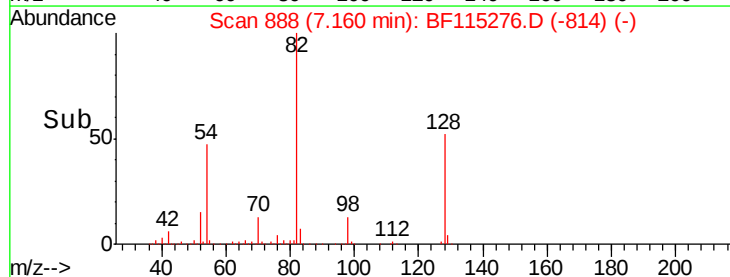
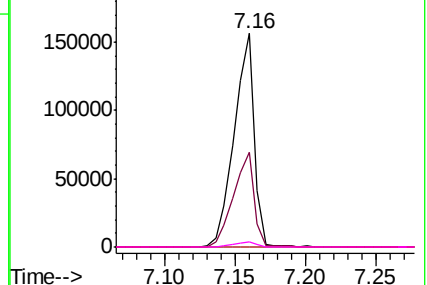


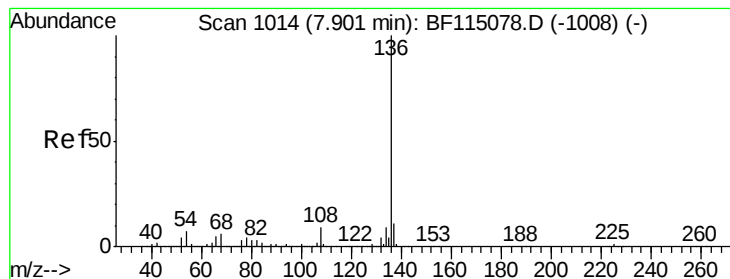
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.88 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF115276.D

Acq: 28 Jun 2019 12:54

Instrument :

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ClientSampleId :

PB120984TB

Tgt Ion: 136 Resp: 961513

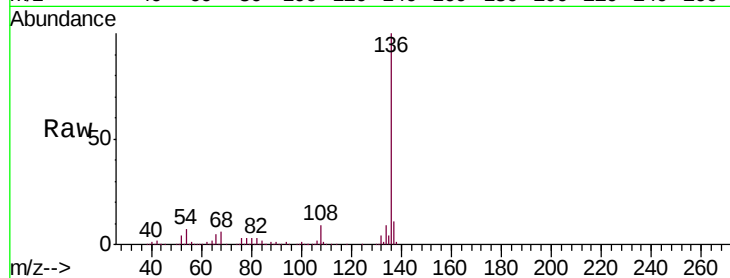
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 6.9 5.6 8.4

68 6.1 4.8 7.2

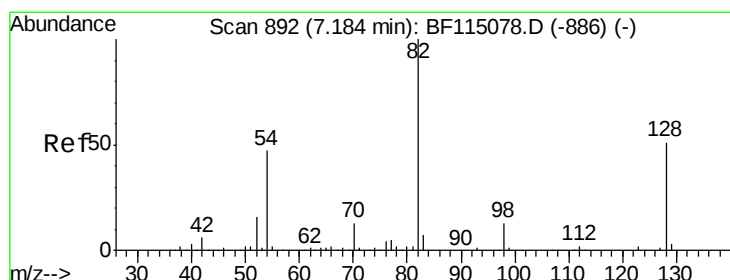
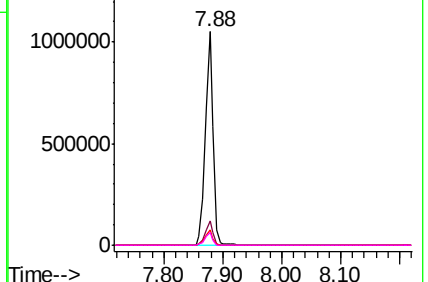
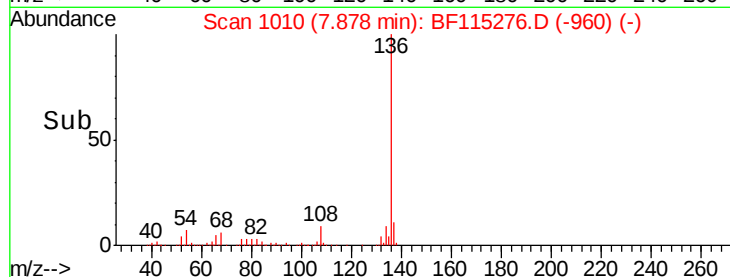


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.241 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF115276.D

Acq: 28 Jun 2019 12:54

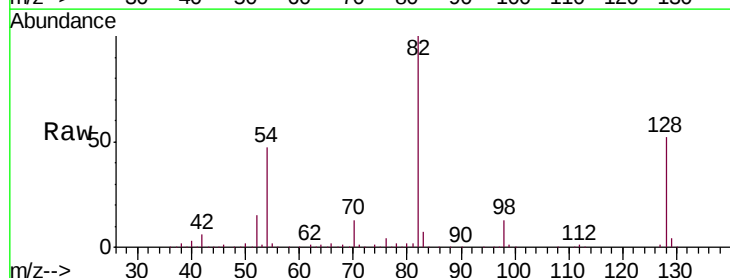
Tgt Ion: 82 Resp: 1176050

Ion Ratio Lower Upper

82 100

128 52.5 40.4 60.6

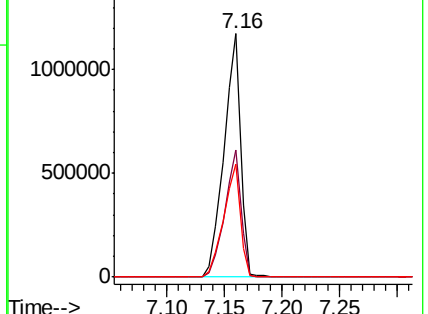
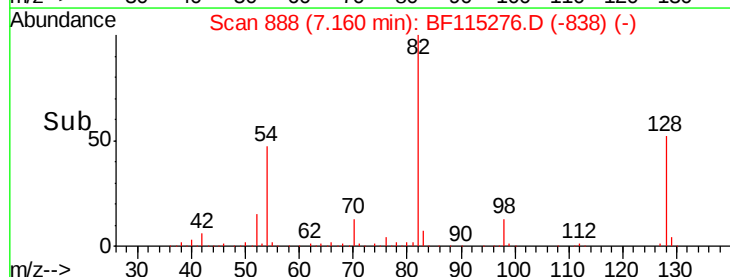
54 46.6 37.5 56.3

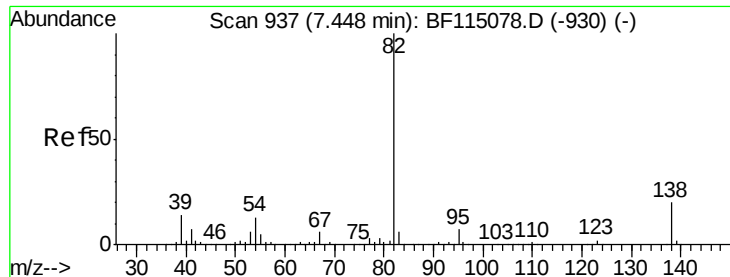


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 36.476 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.26 min

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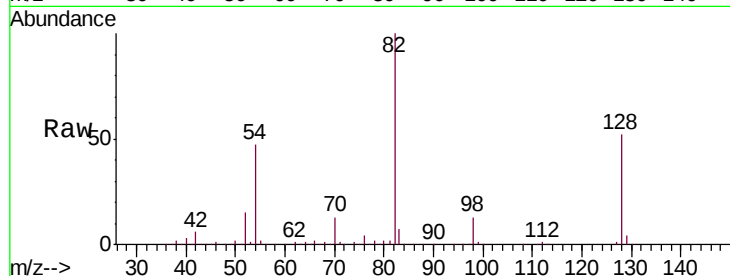
Tgt Ion: 82 Resp: 1167951

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

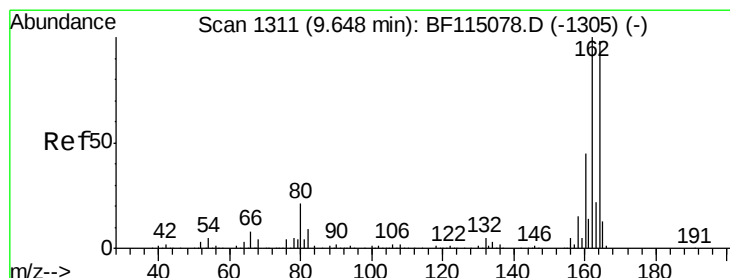
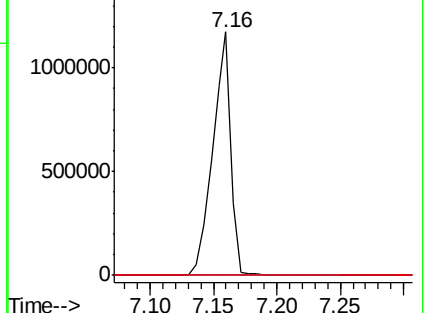
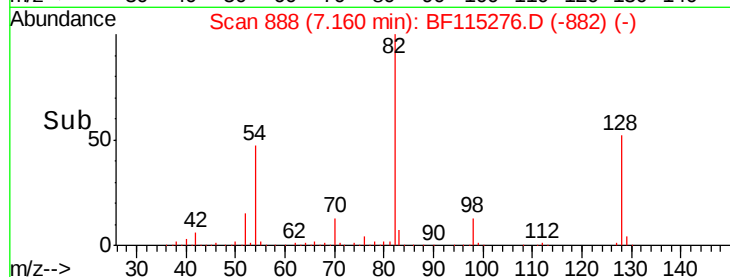
138 0.0 15.9 23.9#



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: 9.62 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF115276.D

Acq: 28 Jun 2019 12:54

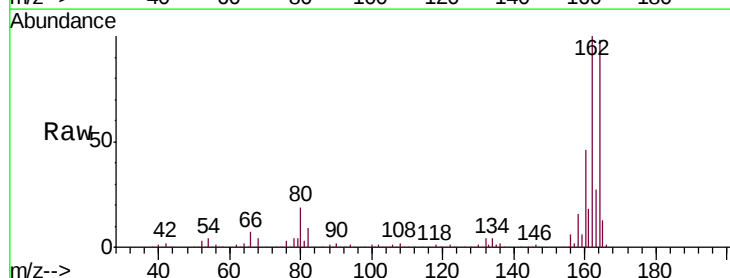
Tgt Ion: 164 Resp: 484290

Ion Ratio Lower Upper

164 100

162 101.8 81.7 122.5

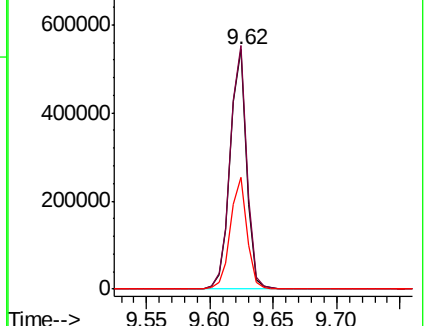
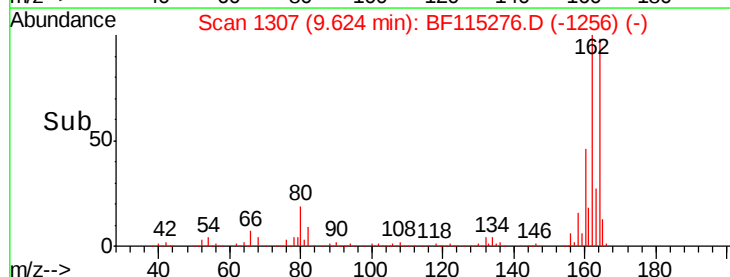
160 46.8 37.0 55.4

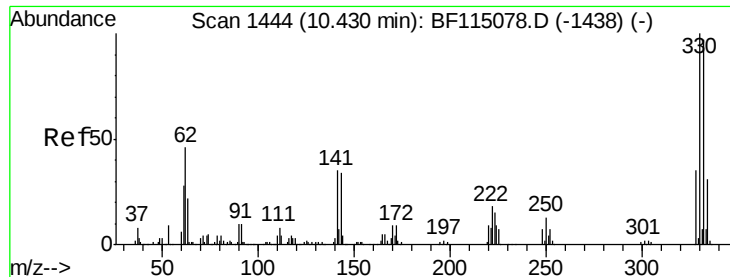


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

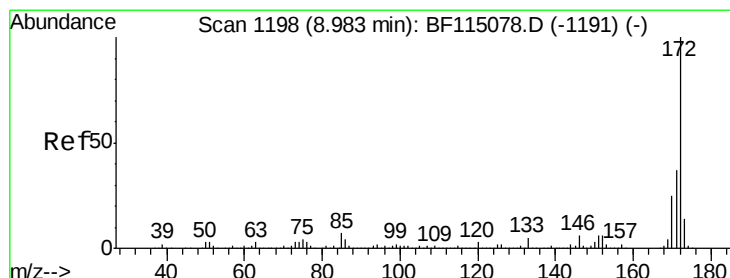
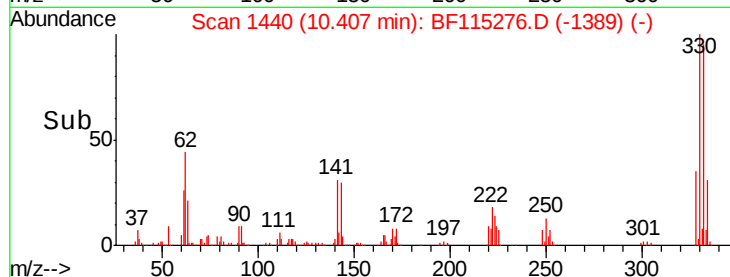
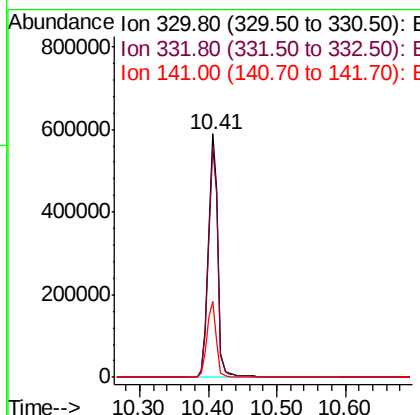
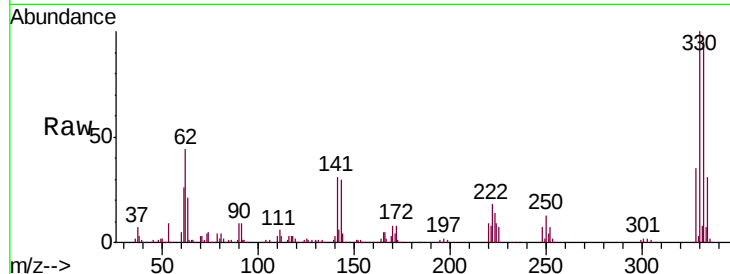




#42
 2,4,6-Tribromophenol
 Concen: 114.708 ng
 RT: 10.41 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: BF115276.D
 Acq: 28 Jun 2019 12:54

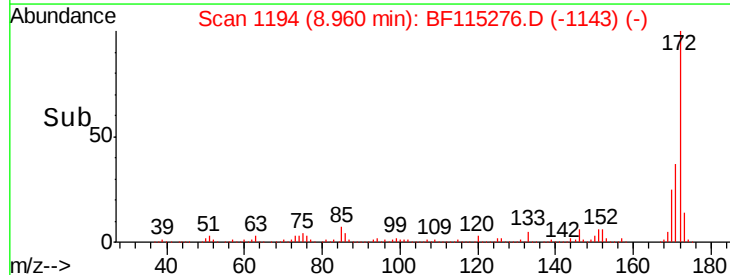
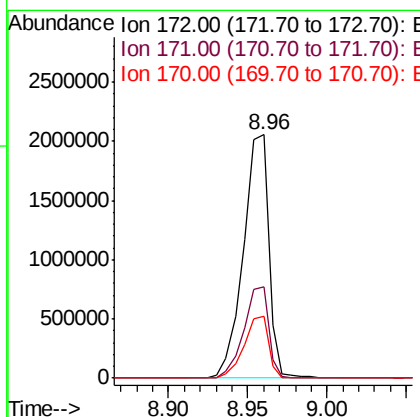
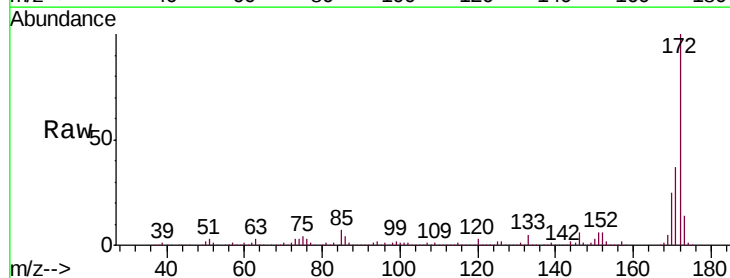
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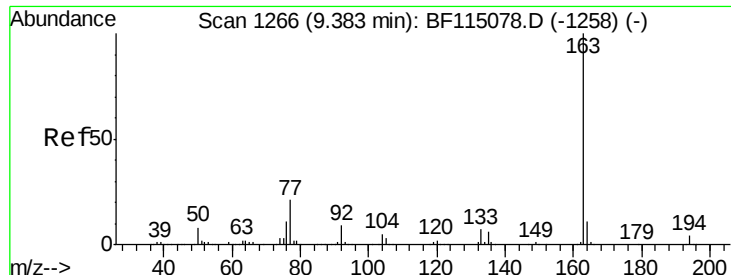
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.3	115.9
141	31.3	28.2	42.2



#45
 2-Fluorobiphenyl
 Concen: 80.458 ng
 RT: 8.96 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF115276.D
 Acq: 28 Jun 2019 12:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.8	44.6
170	25.4	20.3	30.5

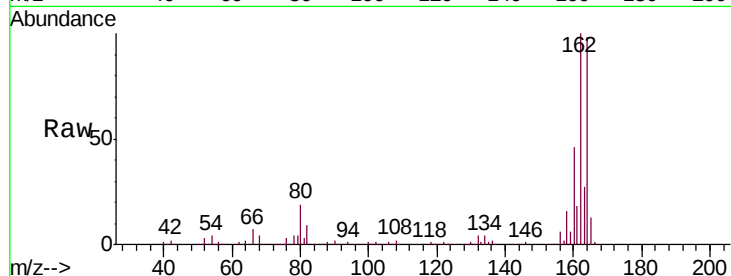




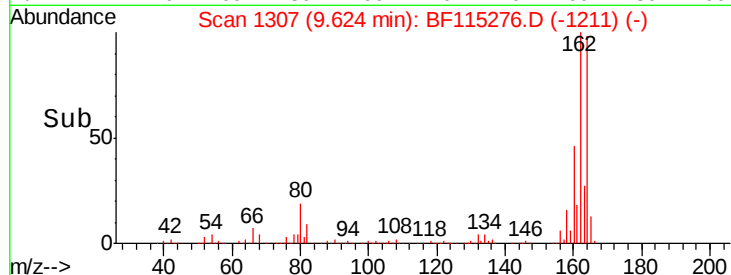
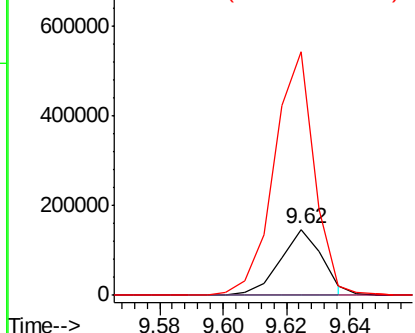
#50
Dimethylphthalate
Concen: 3.795 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.26 min
Lab File: BF115276.D
Acq: 28 Jun 2019 12:54

Instrument :
BNA_F
ClientSampleId :
PB120984TB

Tgt Ion:163 Resp: 135220
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 367.2 8.6 13.0#

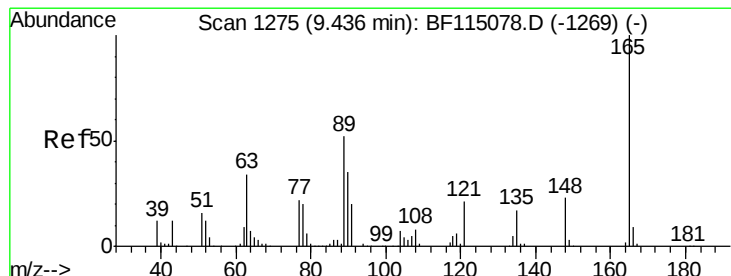


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

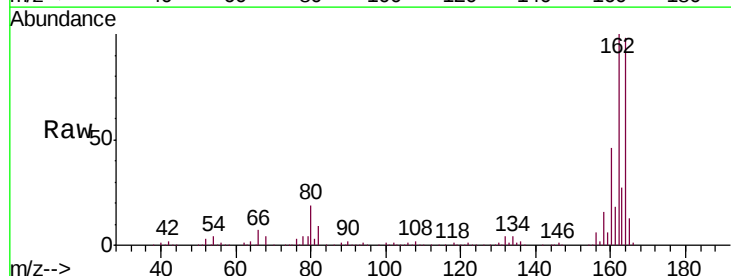
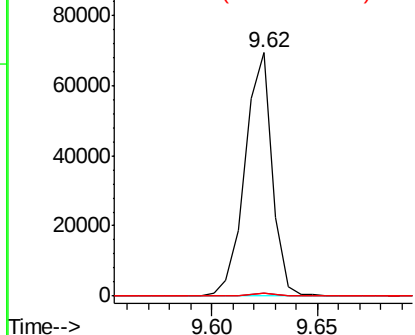


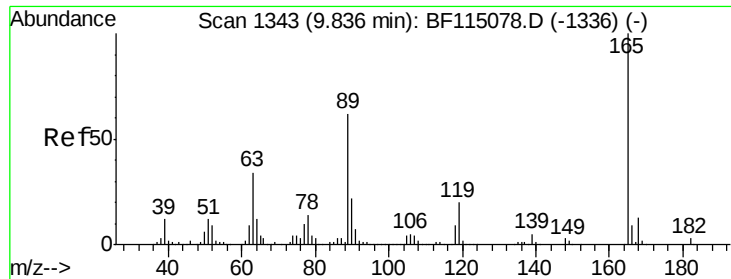
#51
2,6-Dinitrotoluene
Concen: 7.540 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.21 min
Lab File: BF115276.D
Acq: 28 Jun 2019 12:54

Tgt Ion:165 Resp: 62021
Ion Ratio Lower Upper
165 100
63 1.3 39.4 59.2#
89 1.4 42.0 63.0#



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

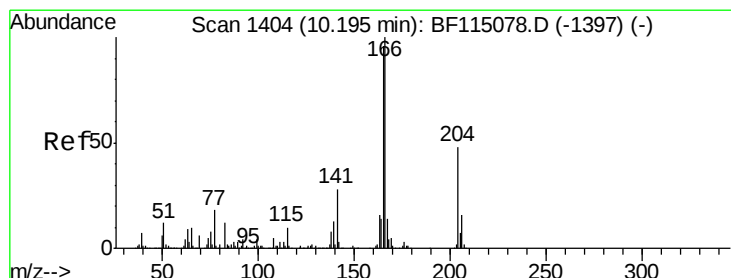
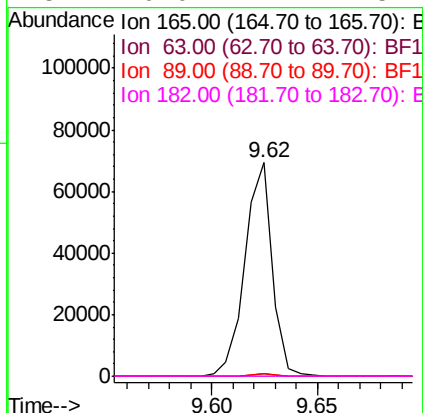
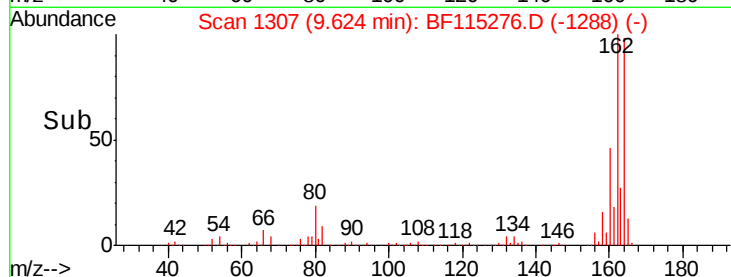
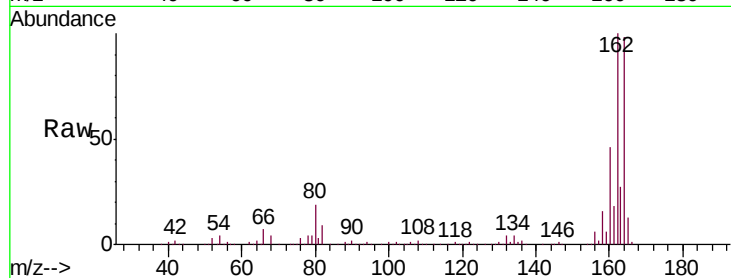




#57
2,4-Dinitrotoluene
Concen: 5.839 ng
RT: 9.62 min Scan# 1307
Delta R.T. -0.19 min
Lab File: BF115276.D
Acq: 28 Jun 2019 12:54

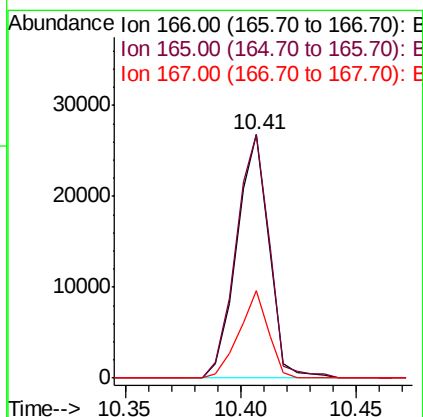
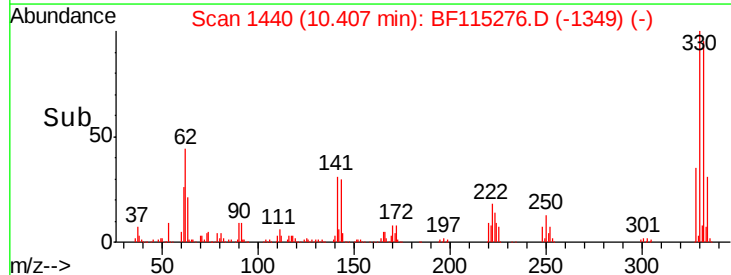
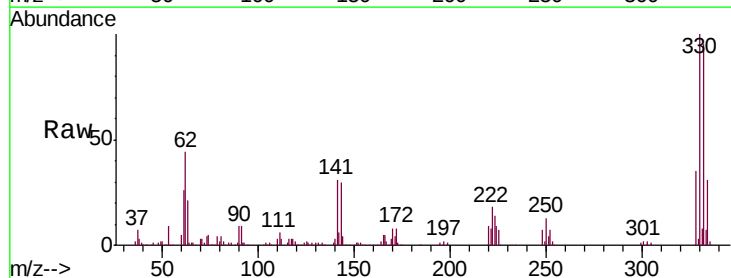
Instrument :
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ClientSampleId :
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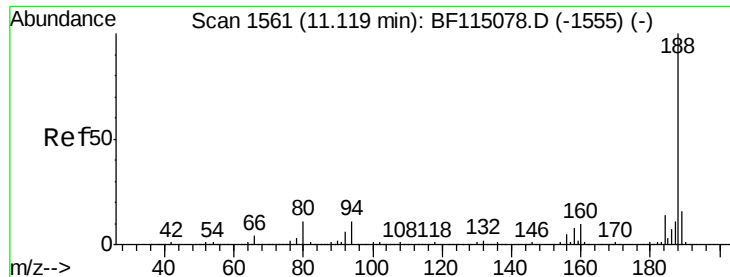
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	27.5	41.3#
89	1.4	49.9	74.9#
182	0.0	2.1	3.1#



#58
Fluorene
Concen: Below Cal
RT: 10.41 min Scan# 1440
Delta R.T. 0.24 min
Lab File: BF115276.D
Acq: 28 Jun 2019 12:54

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.2	76.5	114.7
167	35.9	11.0	16.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.09 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF115276.D

Acq: 28 Jun 2019 12:54

Instrument :

BNA_F

ClientSampleId :

PB120984TB

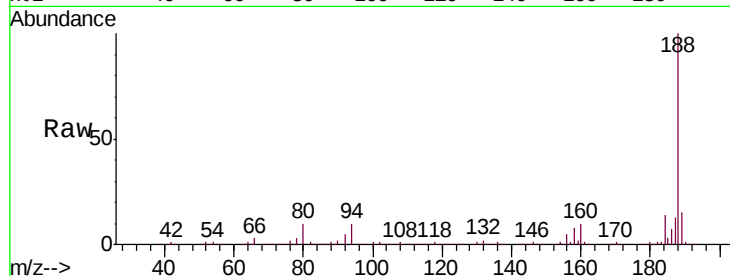
Tgt Ion:188 Resp: 976953

Ion Ratio Lower Upper

188 100

94 9.8 8.6 12.8

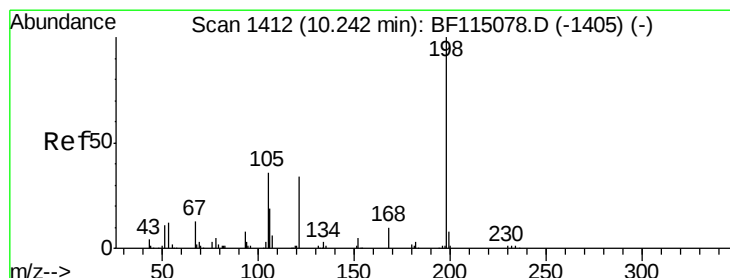
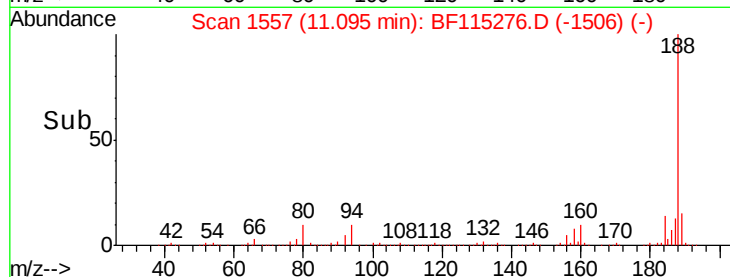
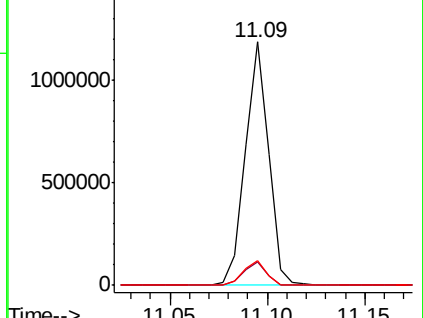
80 10.3 8.8 13.2



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



#65

4,6-Dinitro-2-methylphenol

Concen: 5.172 ng

RT: 10.41 min Scan# 1440

Delta R.T. 0.19 min

Lab File: BF115276.D

Acq: 28 Jun 2019 12:54

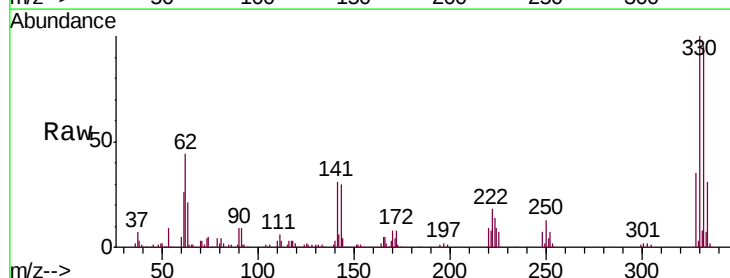
Tgt Ion:198 Resp: 1232

Ion Ratio Lower Upper

198 100

51 142.7 11.0 51.0#

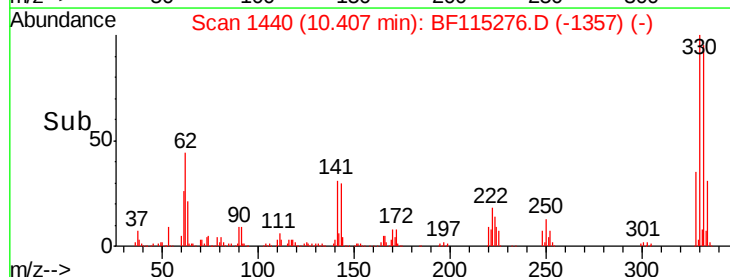
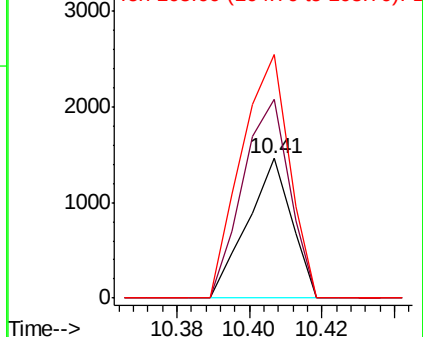
105 174.2 17.3 57.3#

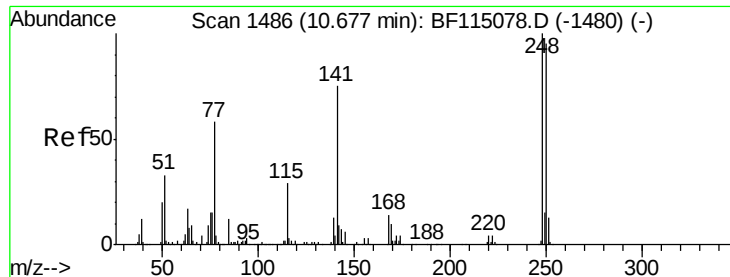


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#67

4-Bromophenyl-phenylether

Concen: 3.467 ng

RT: 10.41 min Scan# 1440

Delta R.T. -0.25 min

Lab File: BF115276.D

Acq: 28 Jun 2019 12:54

Instrument :

BNA_F

ClientSampleId :

PB120984TB

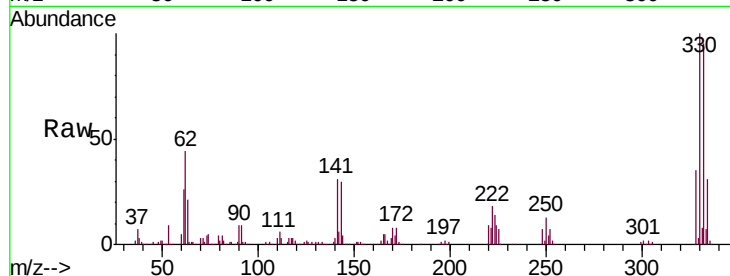
Tgt Ion:248 Resp: 36720

Ion Ratio Lower Upper

248 100

250 194.7 76.2 114.2#

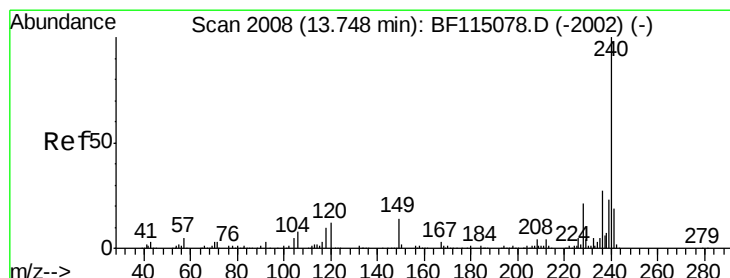
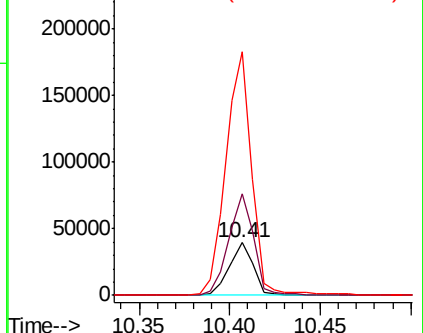
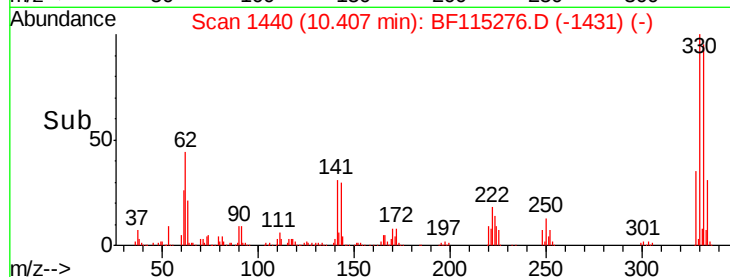
141 464.5 59.6 89.4#



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: 13.71 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF115276.D

Acq: 28 Jun 2019 12:54

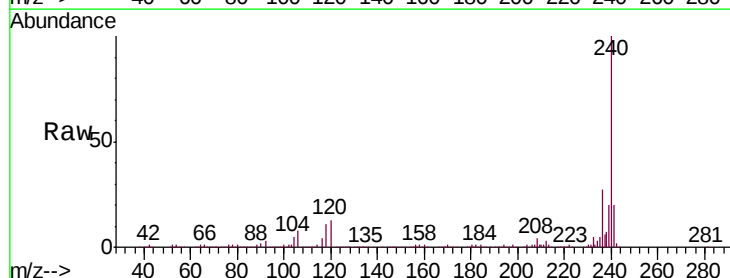
Tgt Ion:240 Resp: 786779

Ion Ratio Lower Upper

240 100

120 12.8 9.4 14.2

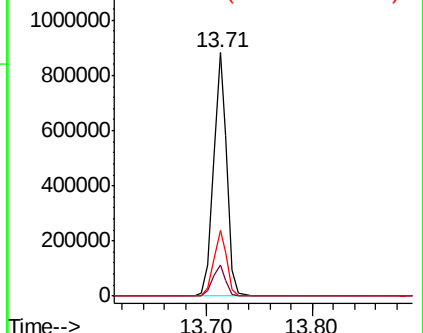
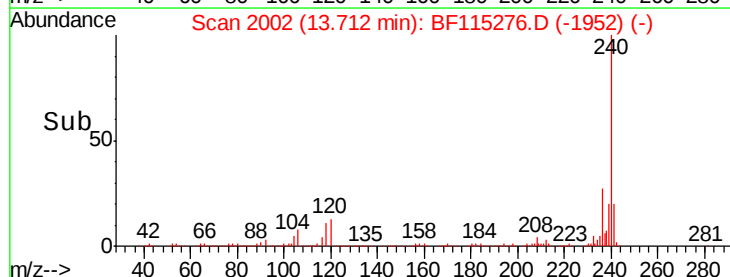
236 27.0 21.7 32.5

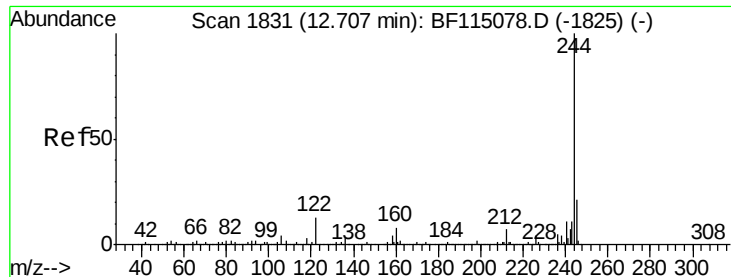


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

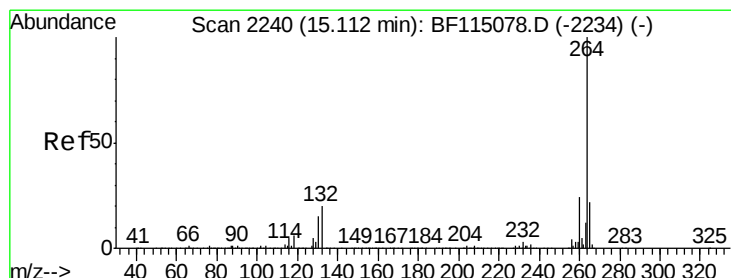
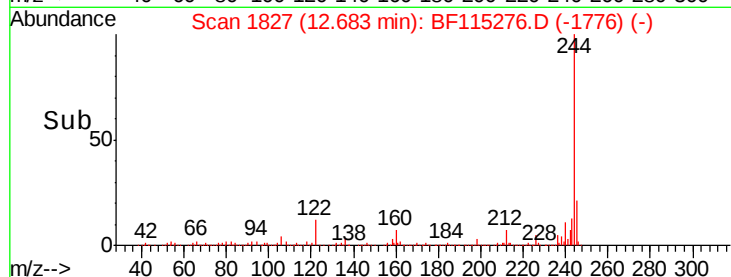
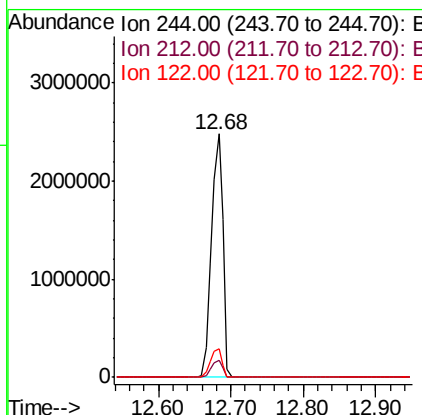
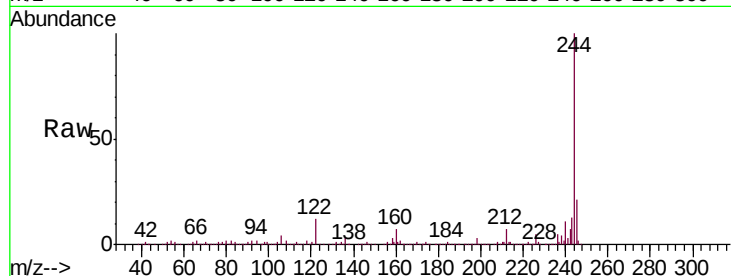




#79
 Terphenyl-d14
 Concen: 73.758 ng
 RT: 12.68 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF115276.D
 Acq: 28 Jun 2019 12:54

Instrument :
 BNA_F
 ClientSampleId :
 PB120984TB

Tgt Ion:244 Resp: 2729409
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 11.9 10.4 15.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.08 min Scan# 2234
 Delta R.T. -0.01 min
 Lab File: BF115276.D
 Acq: 28 Jun 2019 12:54

Tgt Ion:264 Resp: 837799
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.6 29.4
 265 21.8 17.3 25.9

