

Data File : BF115300.D
Acq On : 28 Jun 2019 23:42
Operator : HP/JU
Sample : K3528-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

Quant Time: Jun 29 02:39:51 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	246531	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	948001	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	473269	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	939922	20.00	ng	0.00
76) Chrysene-d12	13.71	240	728135	20.00	ng	0.00
87) Perylene-d12	15.07	264	734765	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1467263	91.84	ng	0.00
7) Phenol-d6	6.24	99	1837501	94.76	ng	0.00
23) Nitrobenzene-d5	7.16	82	1091803	70.85	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	535531	107.30	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	1967860	70.63	ng	0.00
79) Terphenyl-d14	12.68	244	2227240	65.04	ng	0.00

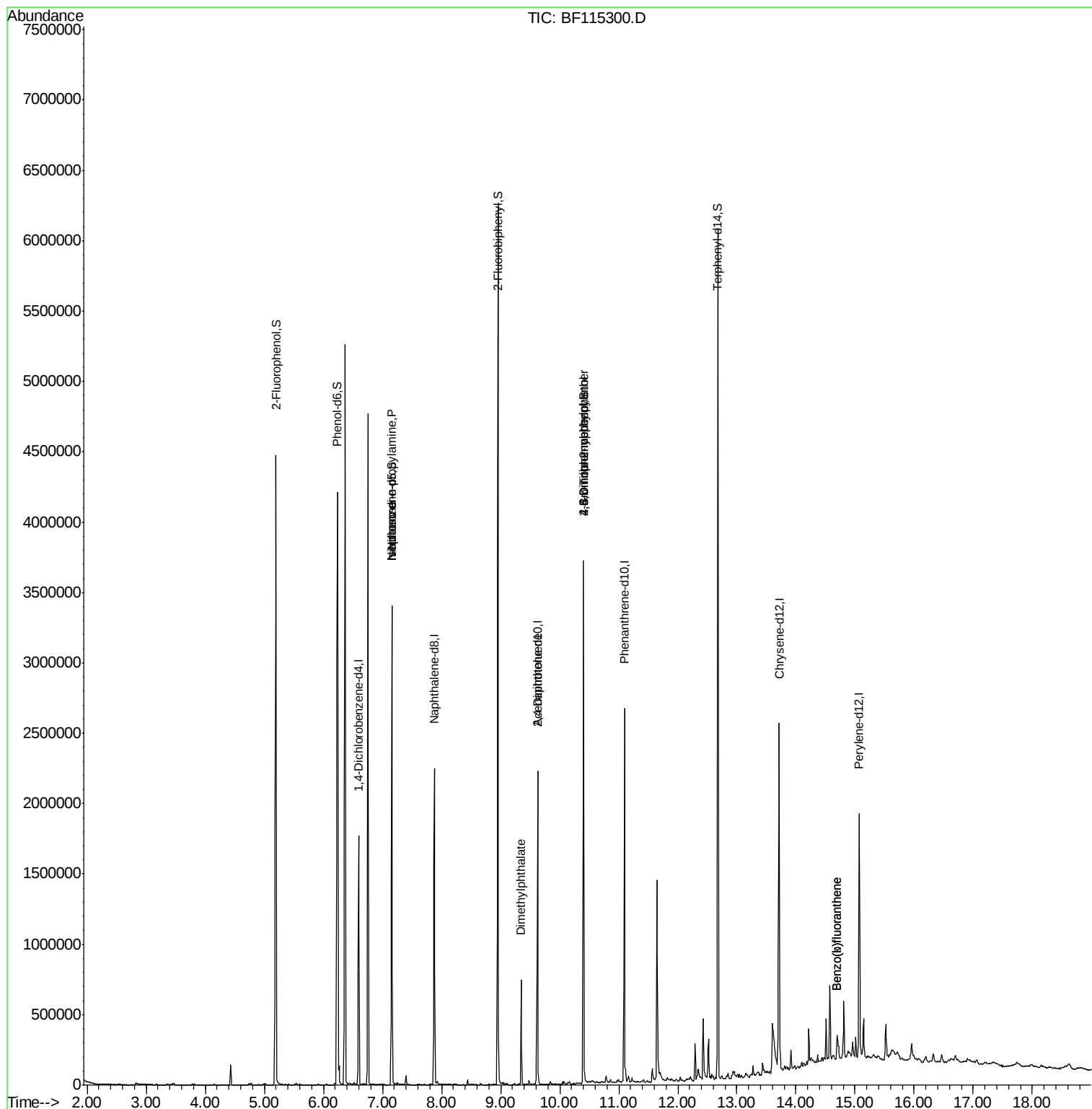
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.16	70	144371	11.630	ng	# 78
25) Isophorone	7.16	82	1087427	34.445	ng	# 63
50) Dimethylphthalate	9.35	163	282843	8.123	ng	98
57) 2,4-Dinitrotoluene	9.62	165	60886	5.866	ng	# 30
58) Fluorene	10.17	166	1295	Below Cal		# 81
65) 4,6-Dinitro-2-methylphenol	10.41	198	1124	5.161	ng	# 1
67) 4-Bromophenyl-phenylether	10.41	248	32716	3.210	ng	# 1
88) Benzo(b)fluoranthene	14.70	252	114623	2.500	ng	97
89) Benzo(k)fluoranthene	14.70	252	114623	2.788	ng	100

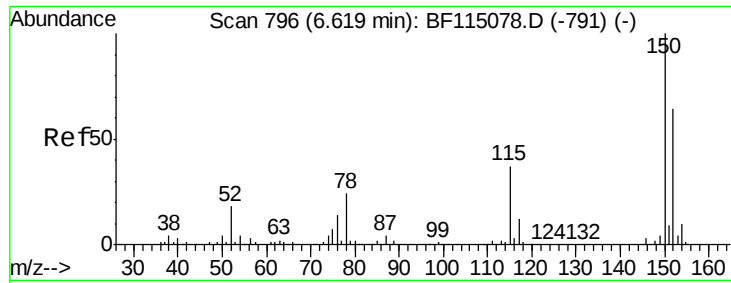
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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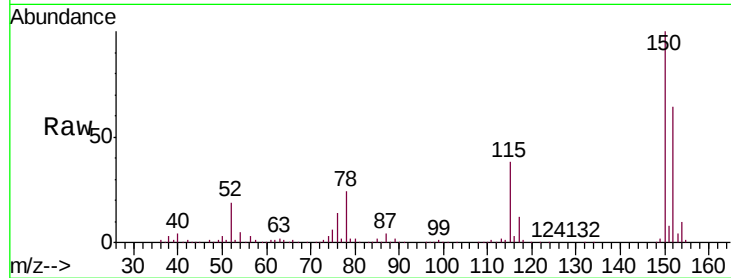




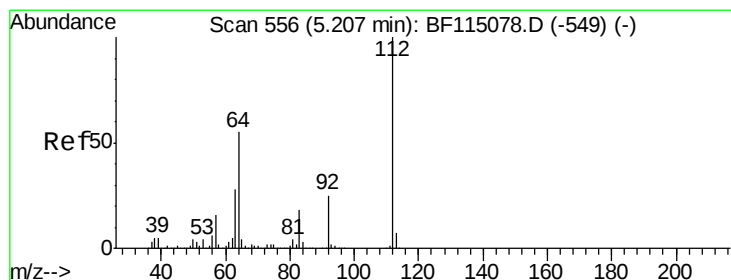
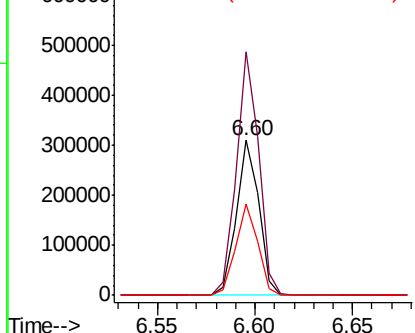
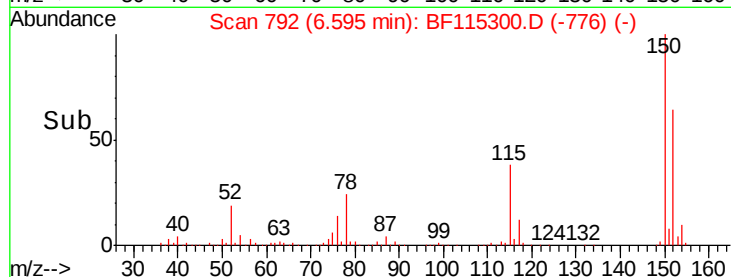
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.60 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF115300.D
 Acq: 28 Jun 2019 23:42

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

Tgt Ion:152 Resp: 246531
 Ion Ratio Lower Upper
 152 100
 150 157.1 124.2 186.2
 115 59.3 46.1 69.1

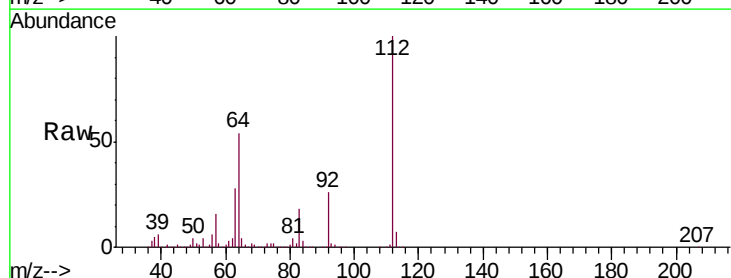


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

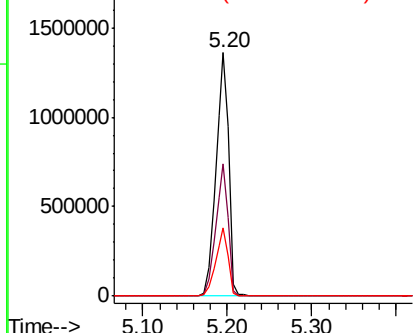
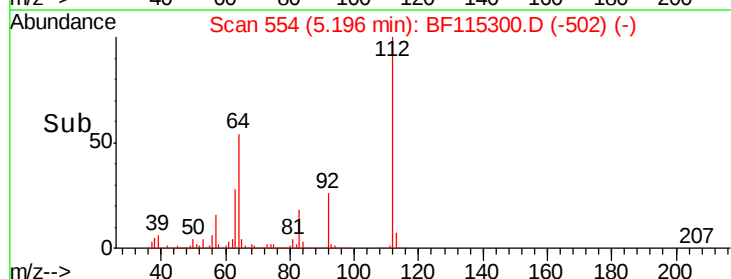


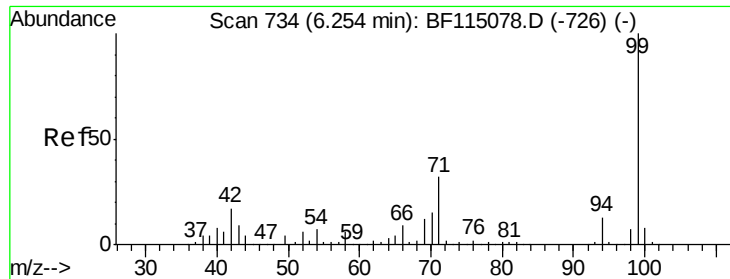
#5
 2-Fluorophenol
 Concen: 91.844 ng
 RT: 5.20 min Scan# 554
 Delta R.T. 0.01 min
 Lab File: BF115300.D
 Acq: 28 Jun 2019 23:42

Tgt Ion:112 Resp: 1467263
 Ion Ratio Lower Upper
 112 100
 64 54.3 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: 94.763 ng

RT: 6.24 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF115300.D

Acq: 28 Jun 2019 23:42

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

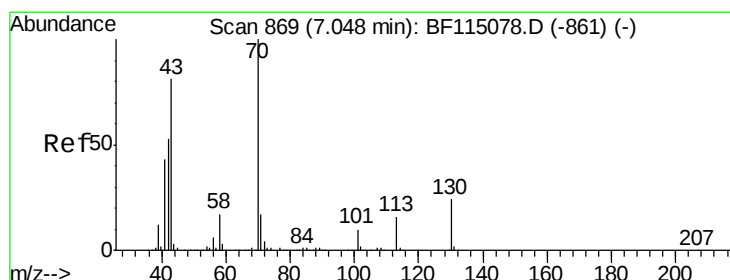
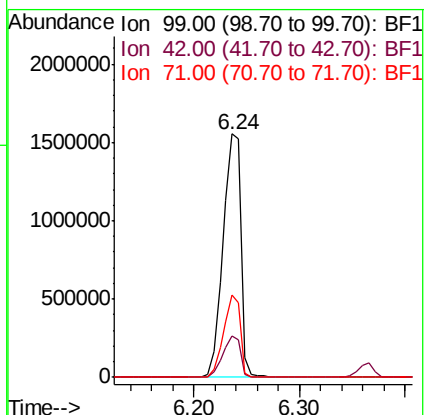
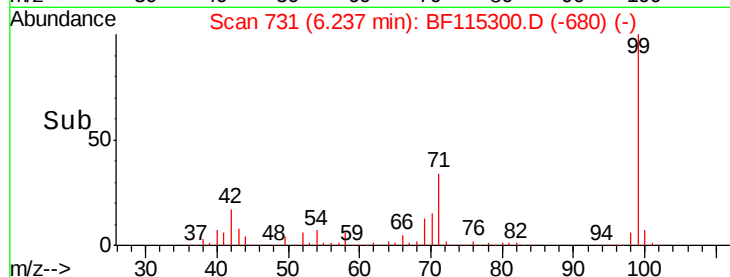
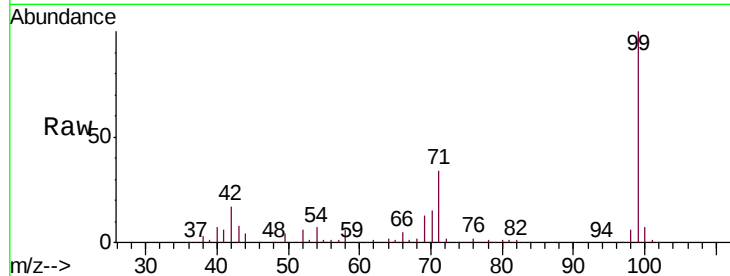
Tgt Ion: 99 Resp: 1837501

Ion Ratio Lower Upper

99 100

42 16.9 13.6 20.4

71 33.6 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 11.630 ng

RT: 7.16 min Scan# 888

Delta R.T. 0.14 min

Lab File: BF115300.D

Acq: 28 Jun 2019 23:42

Tgt Ion: 70 Resp: 144371

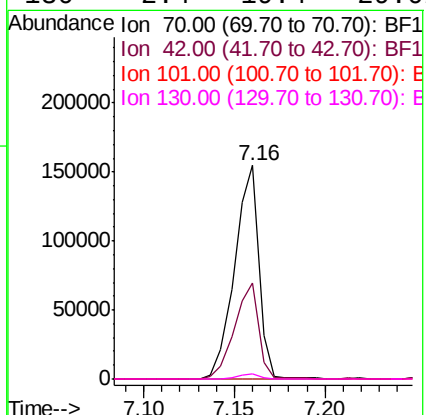
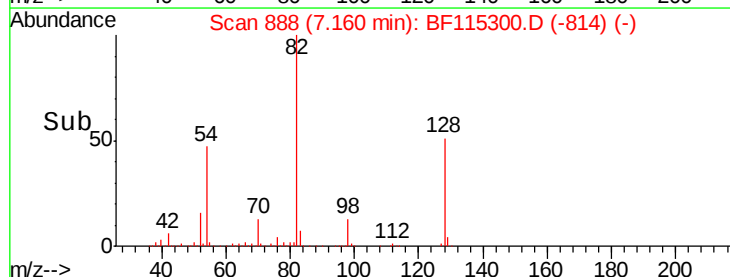
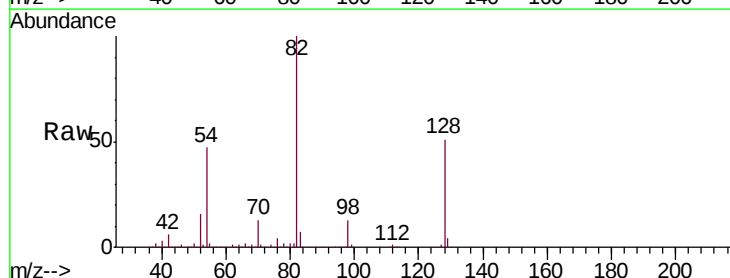
Ion Ratio Lower Upper

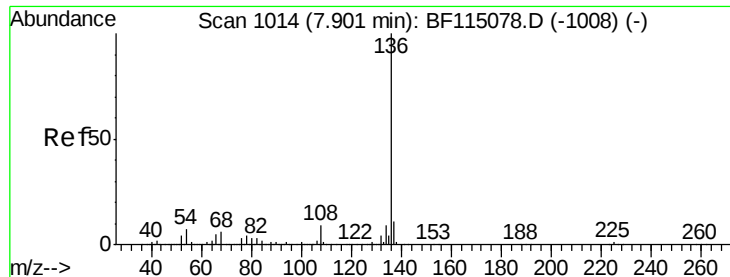
70 100

42 45.2 42.6 63.8

101 0.0 8.0 12.0#

130 2.4 19.4 29.0#

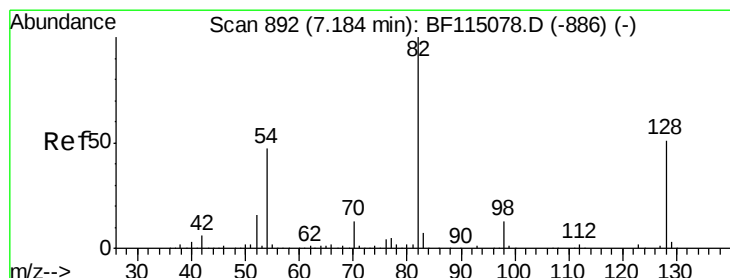
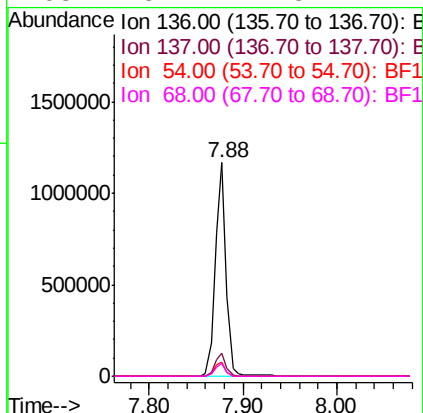
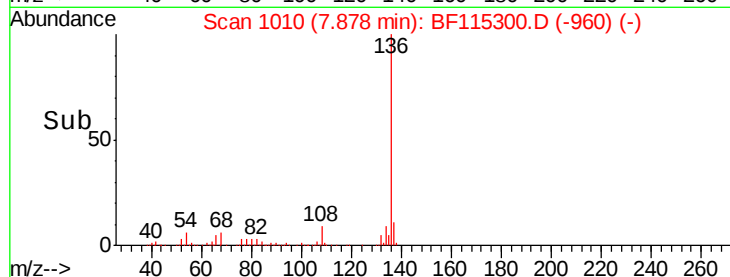
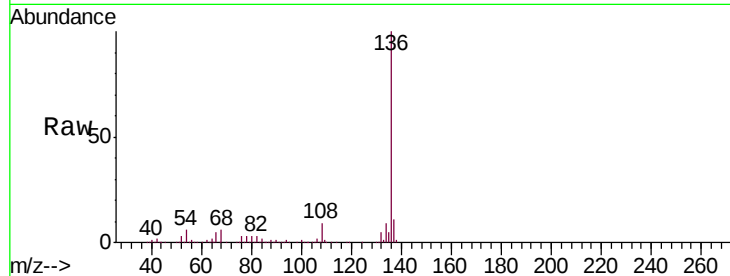




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF115300.D
Acq: 28 Jun 2019 23:42

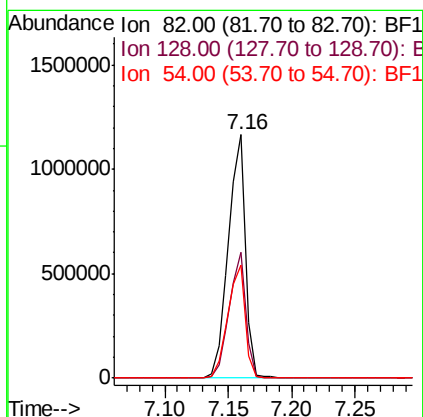
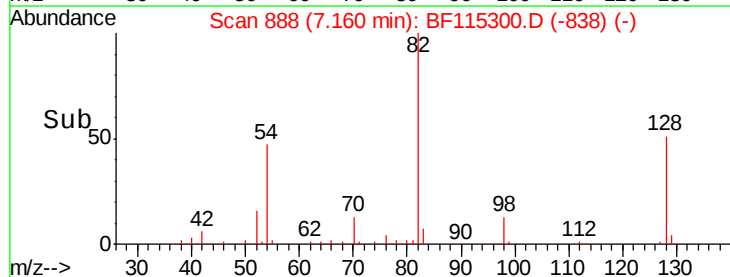
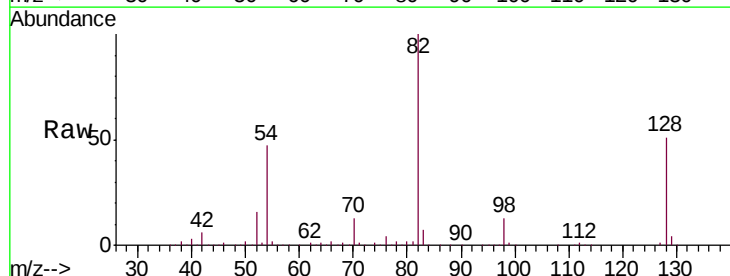
Instrument :
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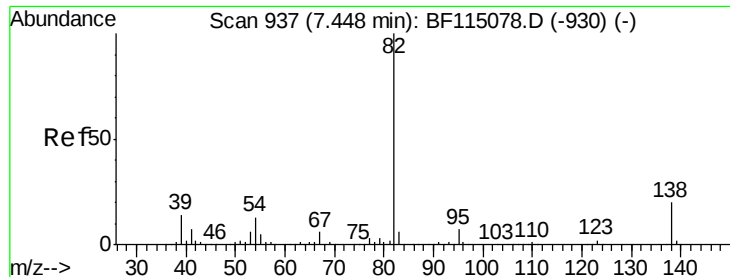
Tgt Ion:	136	Resp:	948001
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.5	5.6	8.4
68	5.7	4.8	7.2



#23
Nitrobenzene-d5
Concen: 70.847 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115300.D
Acq: 28 Jun 2019 23:42

Tgt Ion:	82	Resp:	1091803
Ion	Ratio	Lower	Upper
82	100		
128	51.5	40.4	60.6
54	46.6	37.5	56.3





#25

Isophorone

Concen: 34.445 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF115300.D

Acq: 28 Jun 2019 23:42

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

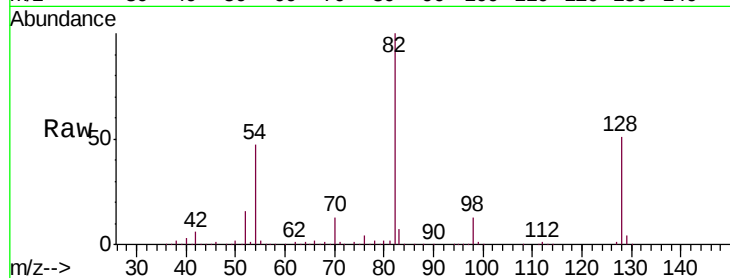
Tgt Ion: 82 Resp: 1087427

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

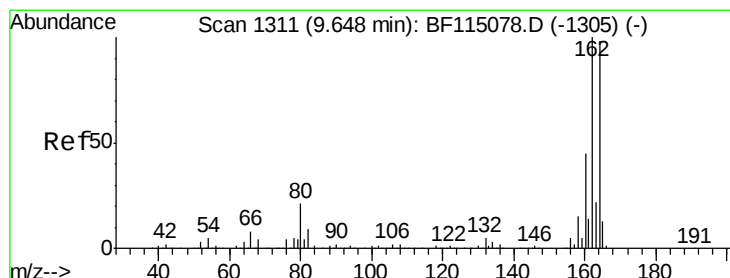
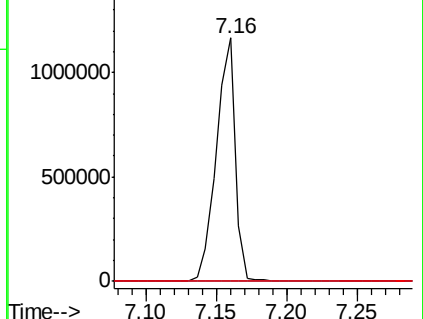
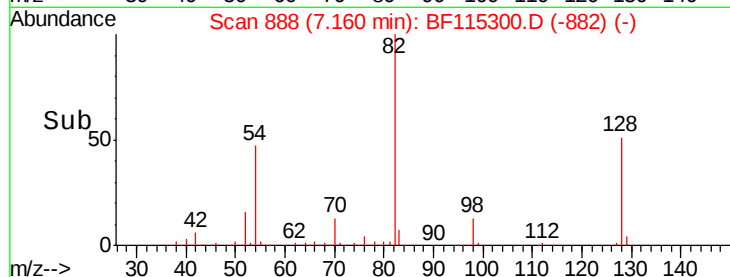
138 0.0 15.9 23.9#



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# 1306

Delta R.T. -0.01 min

Lab File: BF115300.D

Acq: 28 Jun 2019 23:42

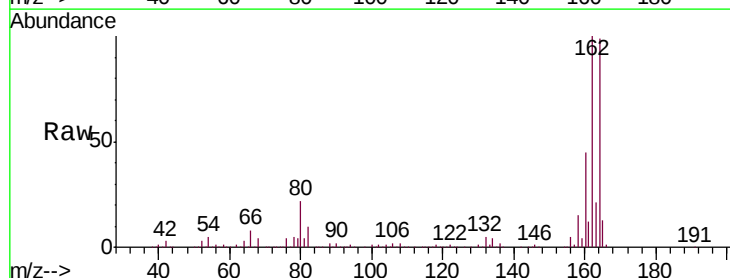
Tgt Ion: 164 Resp: 473269

Ion Ratio Lower Upper

164 100

162 100.6 81.7 122.5

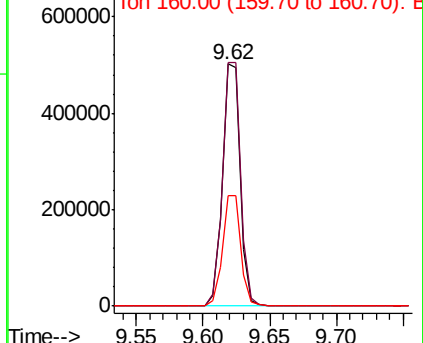
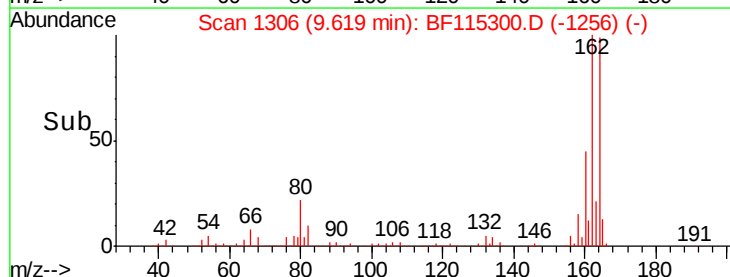
160 45.5 37.0 55.4

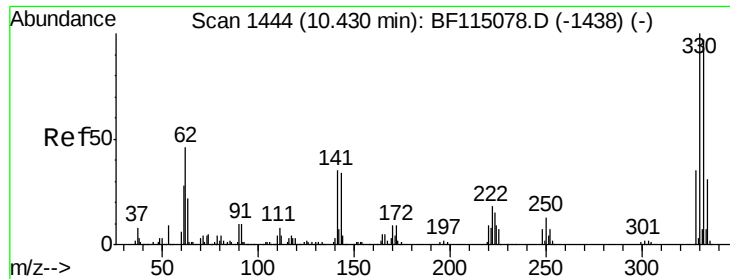


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 107.304 ng

RT: 10.41 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF115300.D

Acq: 28 Jun 2019 23:42

Instrument :

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ClientSampleId :

SB-07-COMP

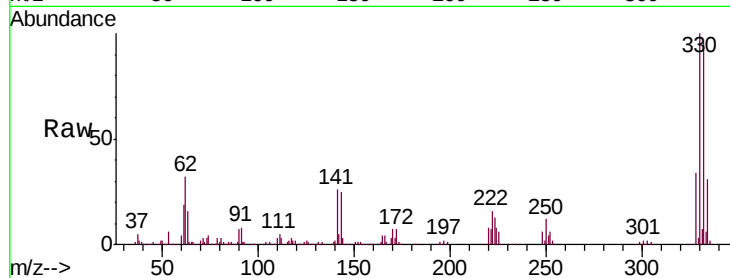
Tgt Ion:330 Resp: 535531

Ion Ratio Lower Upper

330 100

332 95.4 77.3 115.9

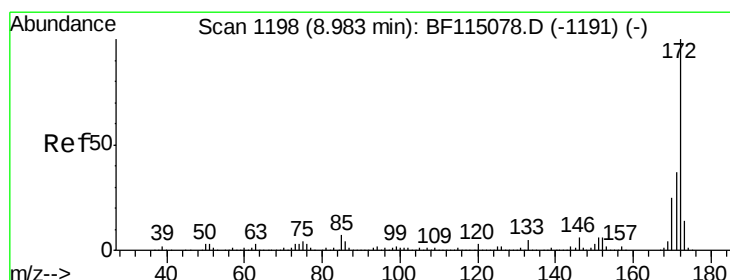
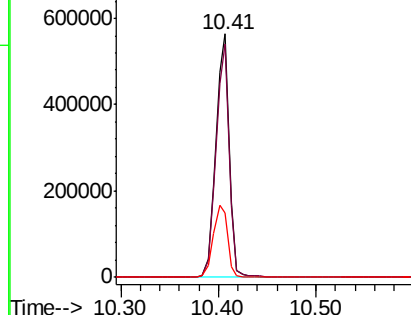
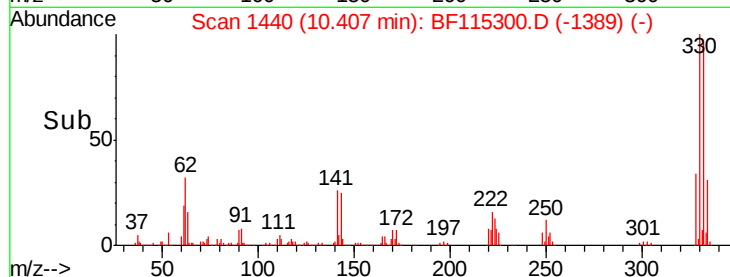
141 32.0 28.2 42.2



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: 70.629 ng

RT: 8.95 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF115300.D

Acq: 28 Jun 2019 23:42

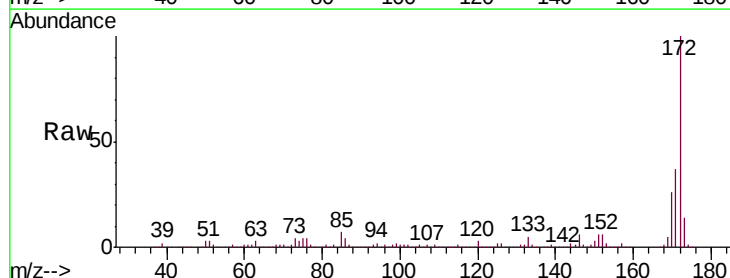
Tgt Ion:172 Resp: 1967860

Ion Ratio Lower Upper

172 100

171 37.1 29.8 44.6

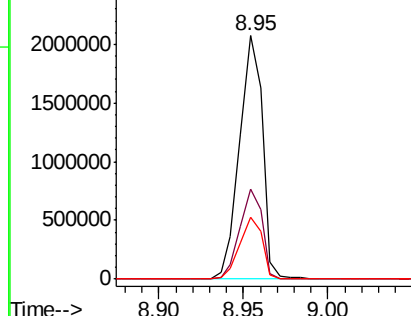
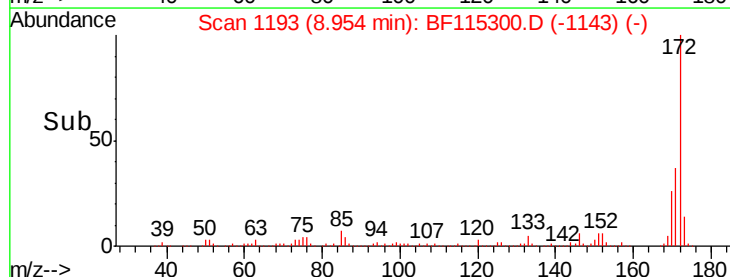
170 25.5 20.3 30.5

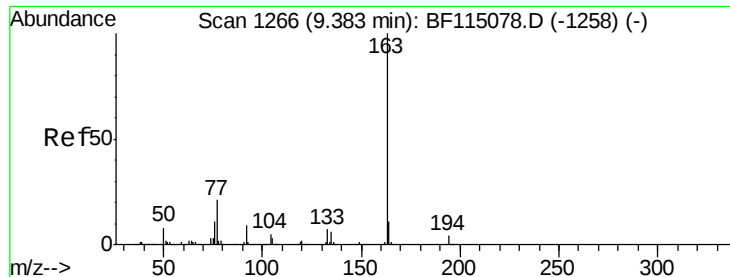


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

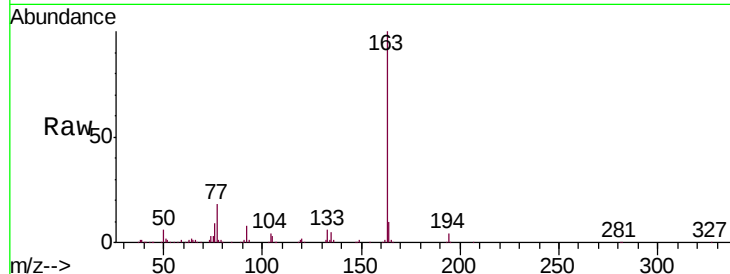




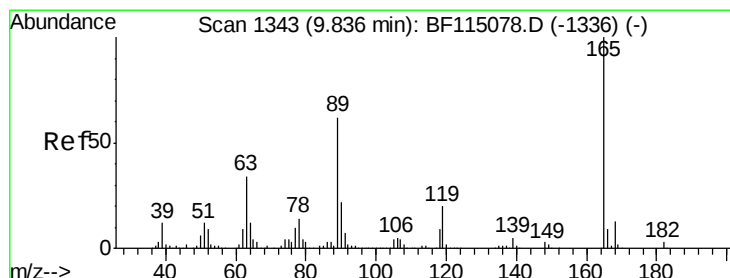
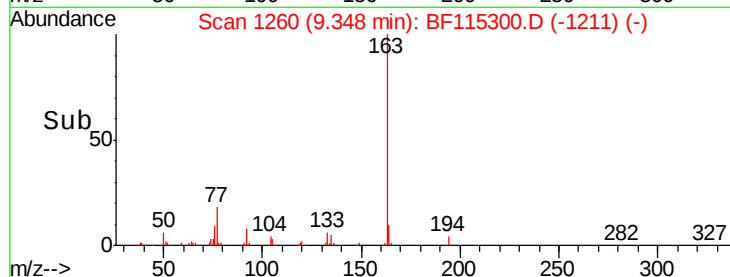
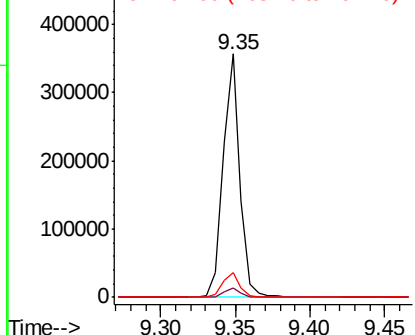
#50
Dimethylphthalate
Concen: 8.123 ng
RT: 9.35 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF115300.D
Acq: 28 Jun 2019 23:42

Instrument :
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Tgt Ion:163 Resp: 282843
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.0 8.6 13.0

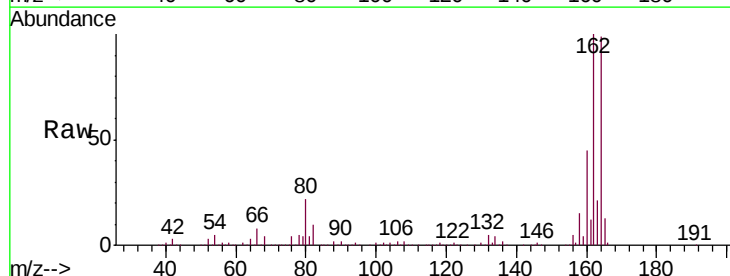


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

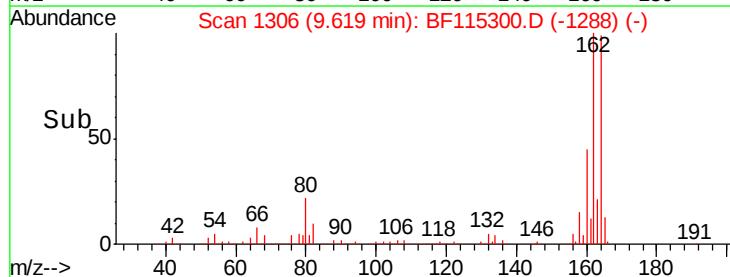
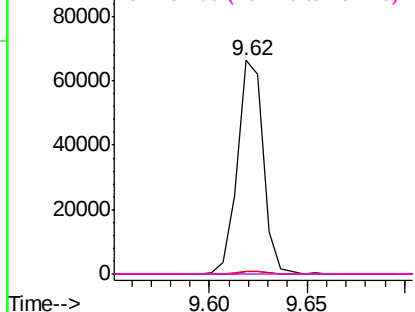


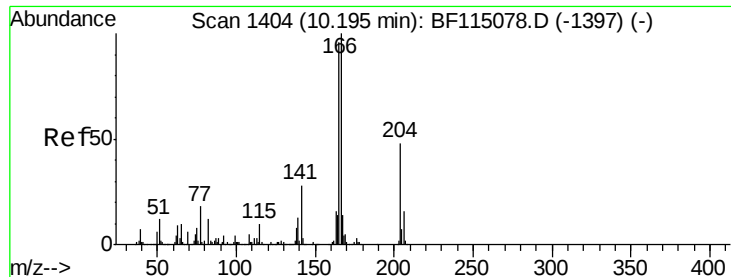
#57
2,4-Dinitrotoluene
Concen: 5.866 ng
RT: 9.62 min Scan# 1306
Delta R.T. -0.19 min
Lab File: BF115300.D
Acq: 28 Jun 2019 23:42

Tgt Ion:165 Resp: 60886
Ion Ratio Lower Upper
165 100
63 1.1 27.5 41.3#
89 1.2 49.9 74.9#
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





#58

Fluorene

Concen: Below Cal

RT: 10.17 min Scan# 1399

Delta R.T. -0.01 min

Lab File: BF115300.D

Acq: 28 Jun 2019 23:42

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

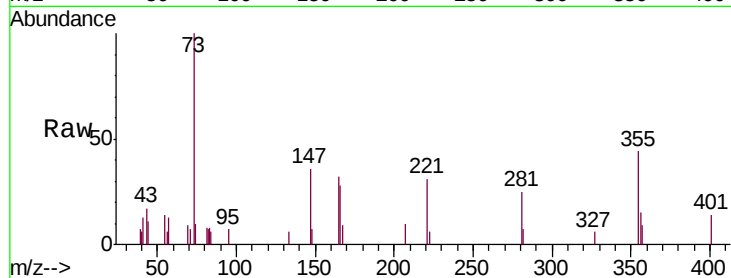
Tgt Ion:166 Resp: 1295

Ion Ratio Lower Upper

166 100

165 111.1 76.5 114.7

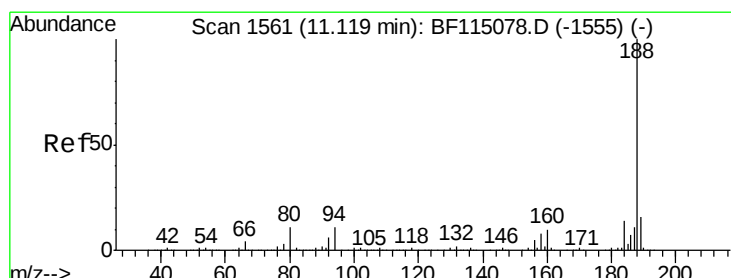
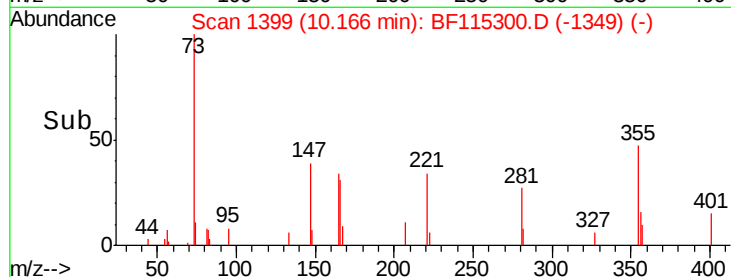
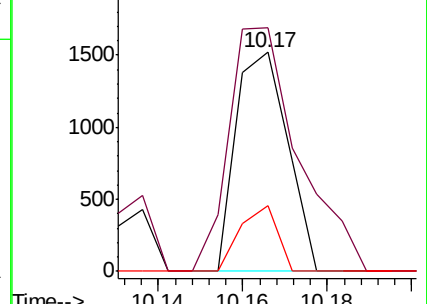
167 30.0 11.0 16.4#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.10 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF115300.D

Acq: 28 Jun 2019 23:42

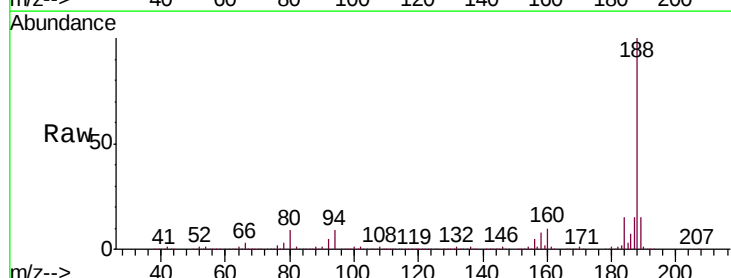
Tgt Ion:188 Resp: 939922

Ion Ratio Lower Upper

188 100

94 9.0 8.6 12.8

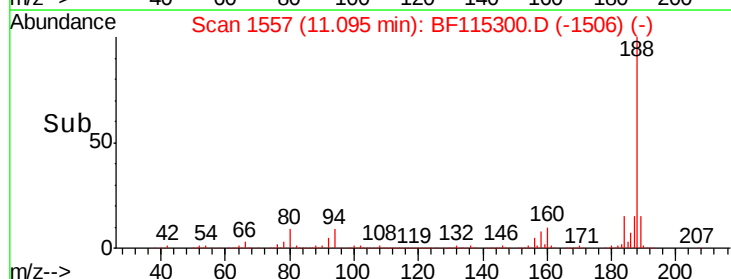
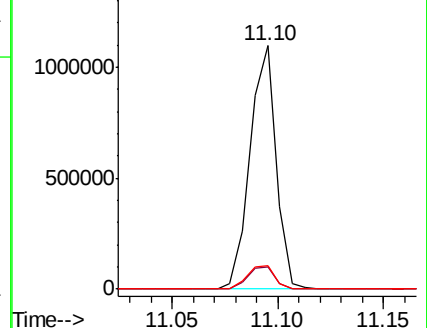
80 9.5 8.8 13.2

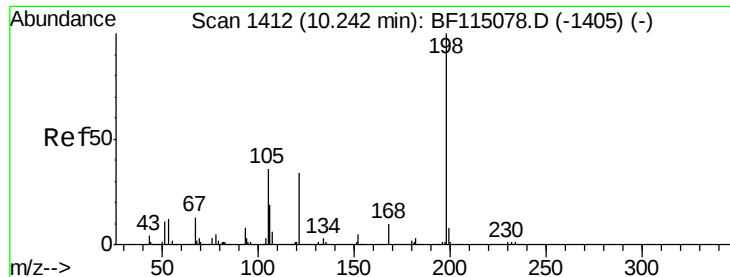


Abundance Ion 188.00 (187.70 to 188.70): E

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: 5.161 ng

RT: 10.41 min Scan# 1440

Delta R.T. 0.19 min

Lab File: BF115300.D

Acq: 28 Jun 2019 23:42

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

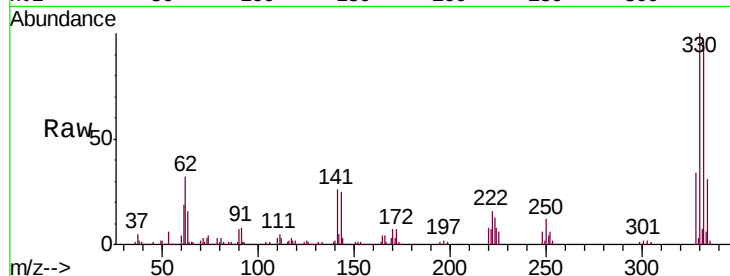
Tgt Ion:198 Resp: 1124

Ion Ratio Lower Upper

198 100

51 114.5 11.0 51.0#

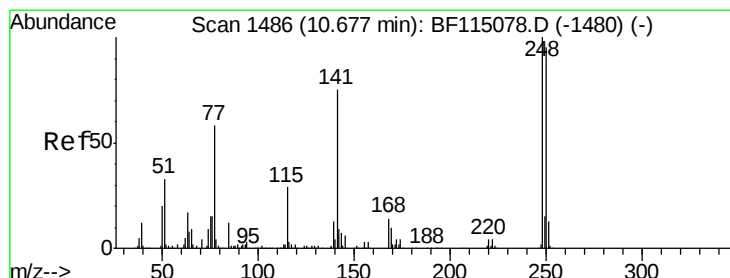
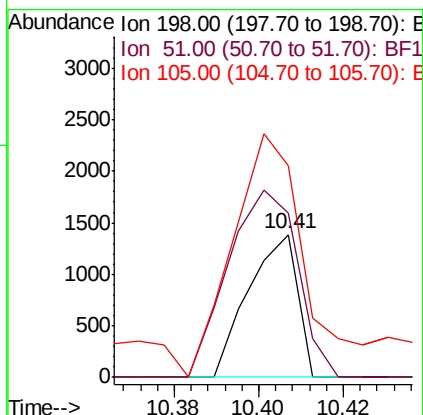
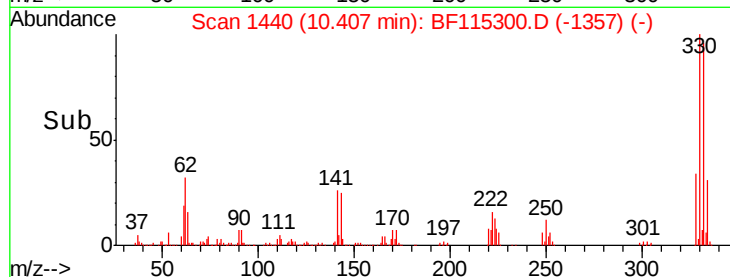
105 147.7 17.3 57.3#



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: 3.210 ng

RT: 10.41 min Scan# 1440

Delta R.T. -0.25 min

Lab File: BF115300.D

Acq: 28 Jun 2019 23:42

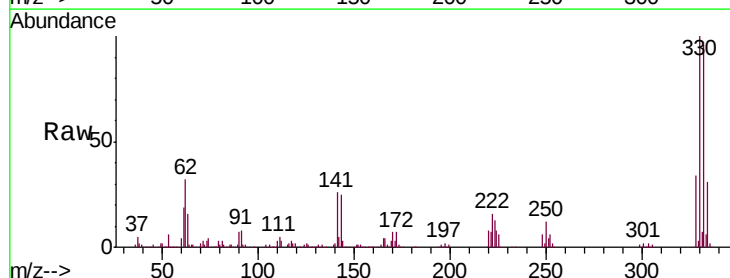
Tgt Ion:248 Resp: 32716

Ion Ratio Lower Upper

248 100

250 206.7 76.2 114.2#

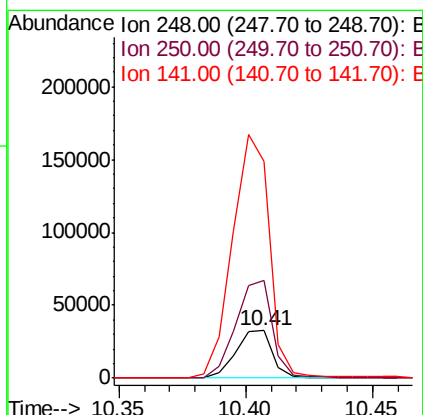
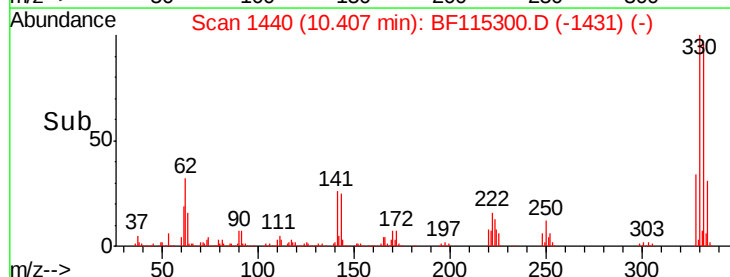
141 457.7 59.6 89.4#

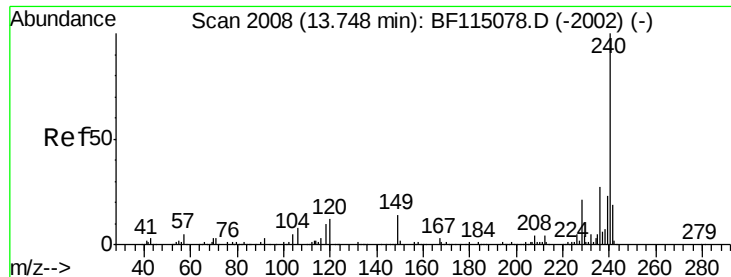


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

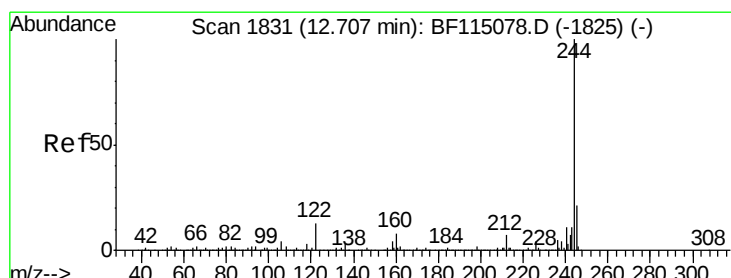
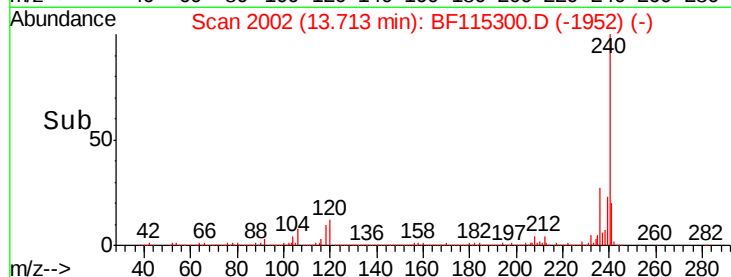
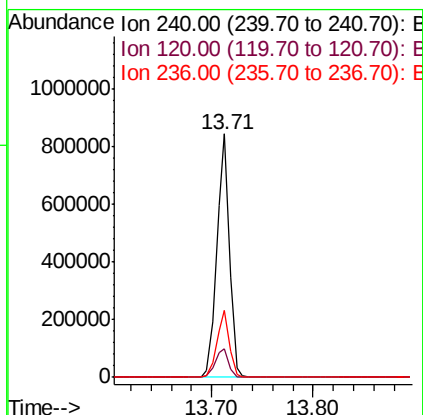
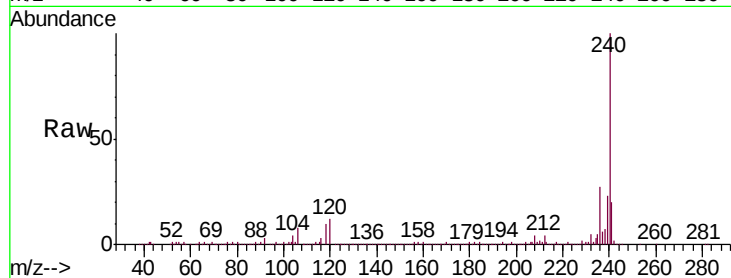




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.71 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF115300.D
Acq: 28 Jun 2019 23:42

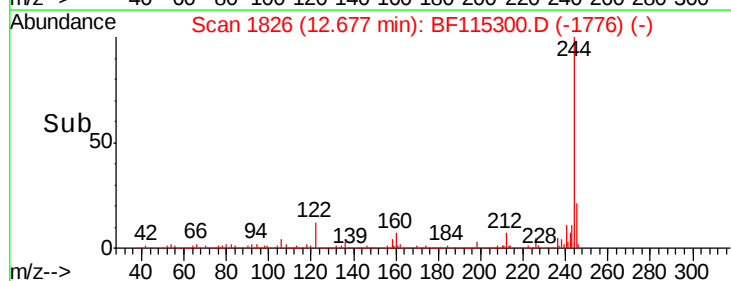
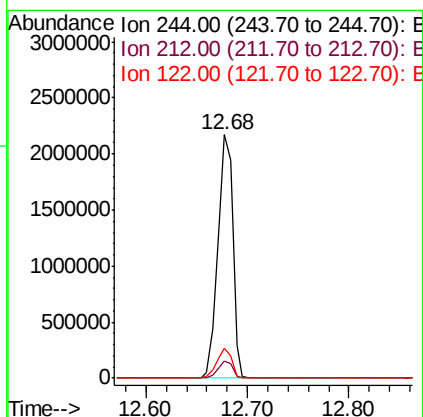
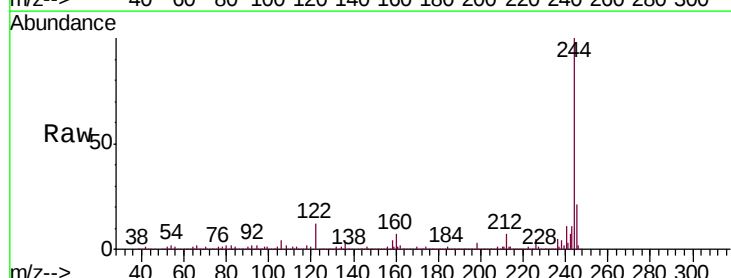
Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

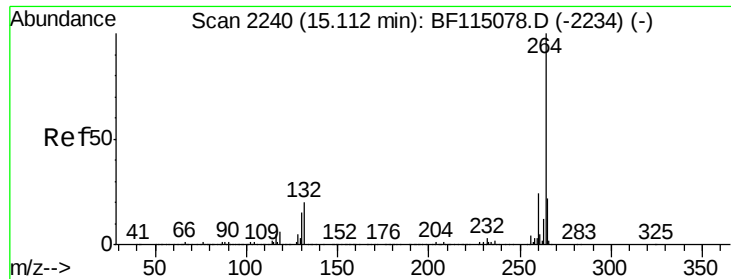
Tgt Ion:240 Resp: 728135
Ion Ratio Lower Upper
240 100
120 11.7 9.4 14.2
236 27.4 21.7 32.5



#79
Terphenyl-d14
Concen: 65.035 ng
RT: 12.68 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BF115300.D
Acq: 28 Jun 2019 23:42

Tgt Ion:244 Resp: 2227240
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 12.5 10.4 15.6





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.07 min Scan# 2233

Delta R.T. -0.01 min

Lab File: BF115300.D

Acq: 28 Jun 2019 23:42

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

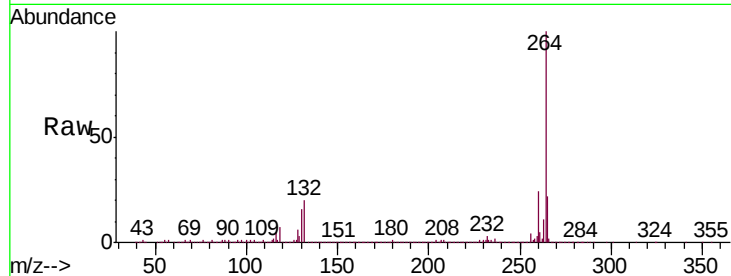
Tgt Ion:264 Resp: 734765

Ion Ratio Lower Upper

264 100

260 24.2 19.6 29.4

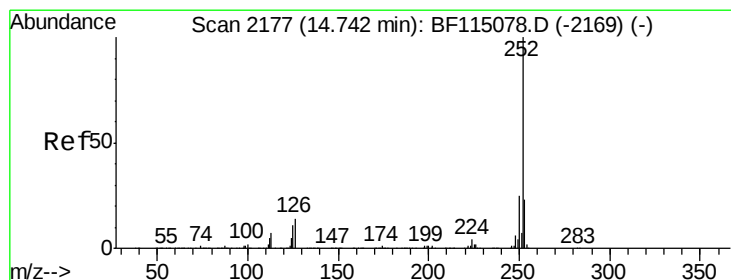
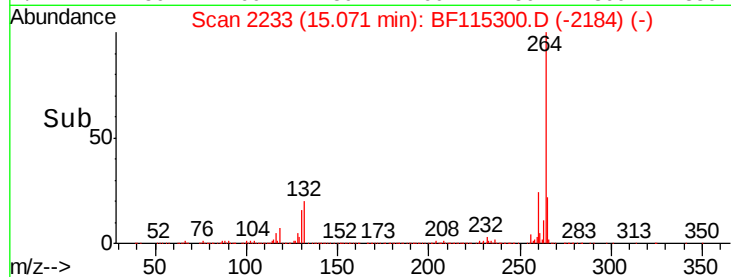
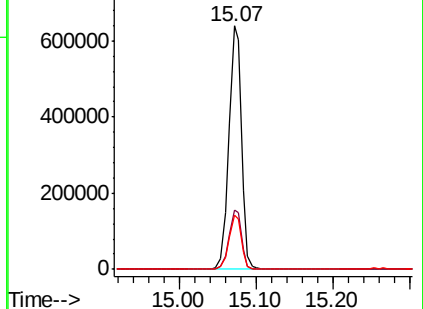
265 22.2 17.3 25.9



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



#88

Benzo(b)fluoranthene

Concen: 2.500 ng

RT: 14.70 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BF115300.D

Acq: 28 Jun 2019 23:42

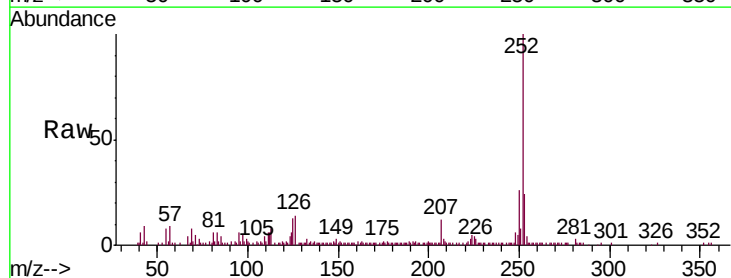
Tgt Ion:252 Resp: 114623

Ion Ratio Lower Upper

252 100

253 23.9 18.1 27.1

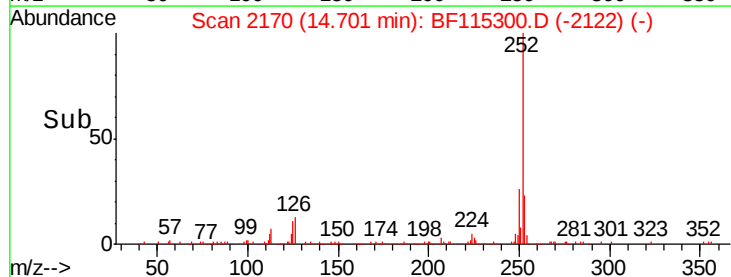
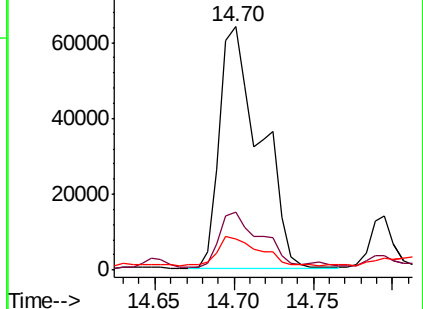
125 12.7 8.7 13.1

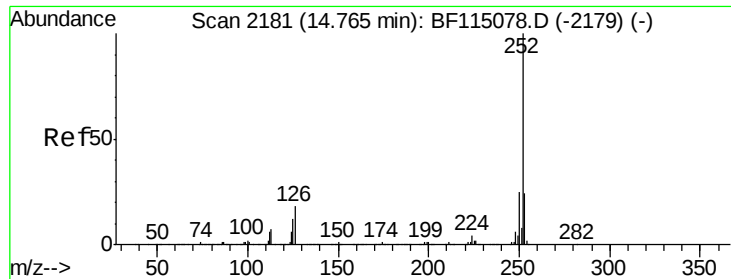


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 2.788 ng

RT: 14.70 min Scan# 2170

Delta R.T. -0.04 min

Lab File: BF115300.D

Acq: 28 Jun 2019 23:42

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

Tgt Ion: 252 Resp: 114623

Ion Ratio Lower Upper

252 100

253 23.9 18.9 28.3

125 12.7 10.2 15.2

