

Data File : BF115267.D
Acq On : 28 Jun 2019 8:38
Operator : HP/JU
Sample : PB120890BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120890BL

Quant Time: Jun 29 02:28:01 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	255794	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	987815	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	486900	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	974033	20.00	ng	0.00
76) Chrysene-d12	13.72	240	800247	20.00	ng	0.00
87) Perylene-d12	15.08	264	870405	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1740290	104.99	ng	0.02
7) Phenol-d6	6.24	99	2184918	108.60	ng	0.00
23) Nitrobenzene-d5	7.16	82	1334006	83.07	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	640929	124.83	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2511764	87.63	ng	0.00
79) Terphenyl-d14	12.69	244	2828788	75.16	ng	0.00

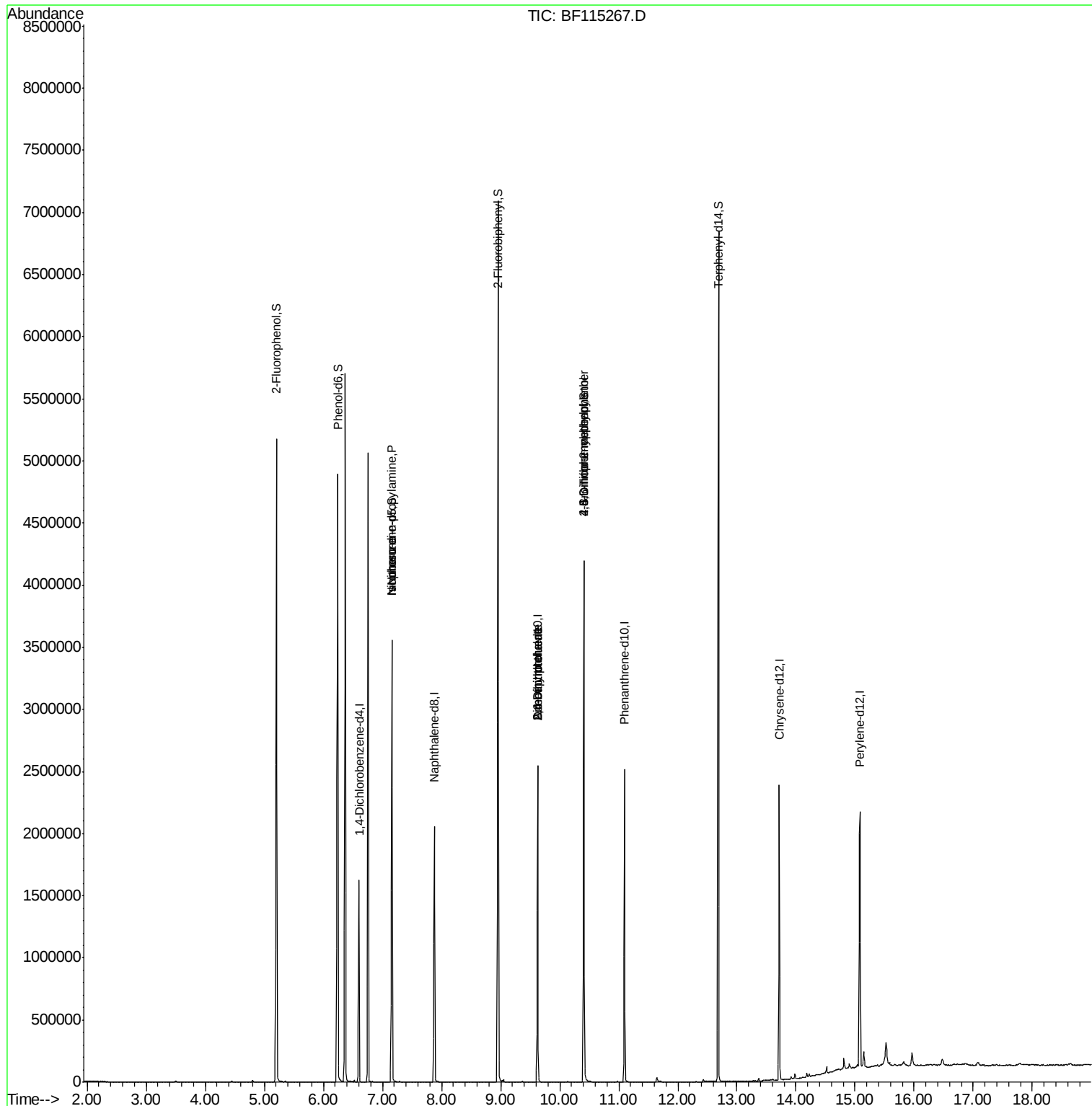
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.16	70	176998	13.742	ng	# 77
25) Isophorone	7.16	82	1325363	40.290	ng	# 63
50) Dimethylphthalate	9.62	163	135848	3.792	ng	# 1
51) 2,6-Dinitrotoluene	9.62	165	61633	7.452	ng	# 29
57) 2,4-Dinitrotoluene	9.62	165	61633	5.772	ng	# 30
58) Fluorene	10.41	166	28052	Below Cal		# 89
65) 4,6-Dinitro-2-methylphenol	10.41	198	1230	5.173	ng	# 1
67) 4-Bromophenyl-phenylether	10.41	248	41178	3.899	ng	# 1

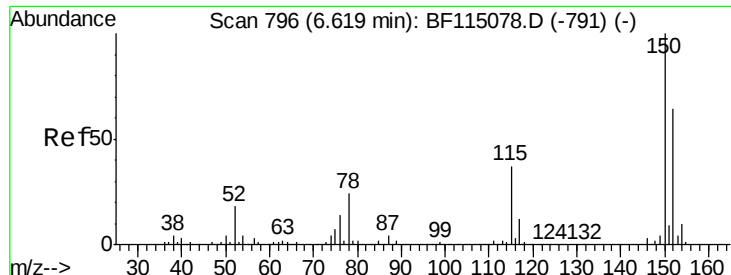
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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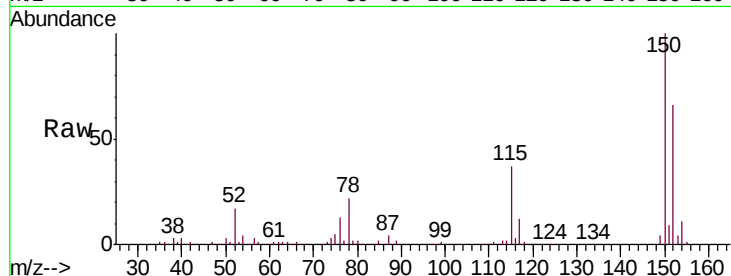




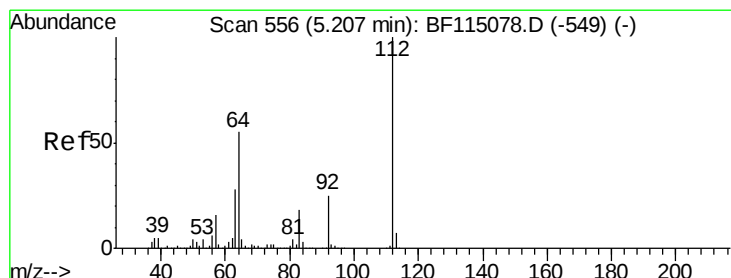
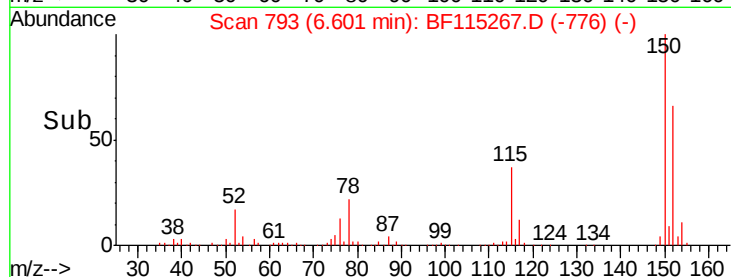
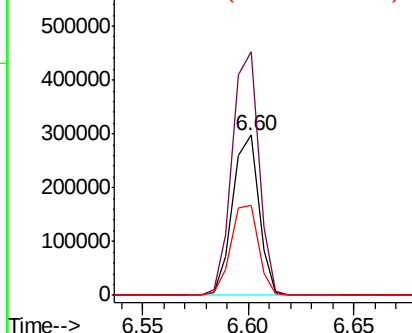
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.60 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF115267.D
 Acq: 28 Jun 2019 8:38

Instrument :
 BNA_F
 ClientSampleId :
 PB120890BL

Tgt Ion:152 Resp: 255794
 Ion Ratio Lower Upper
 152 100
 150 152.3 124.2 186.2
 115 56.3 46.1 69.1

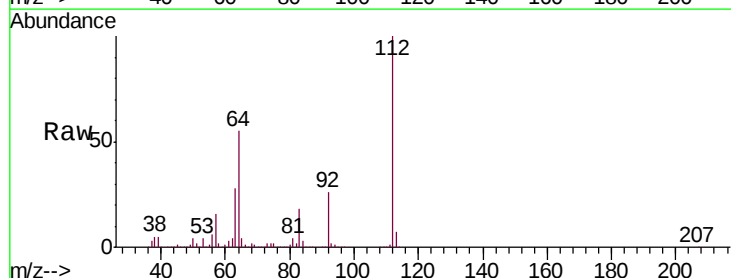


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

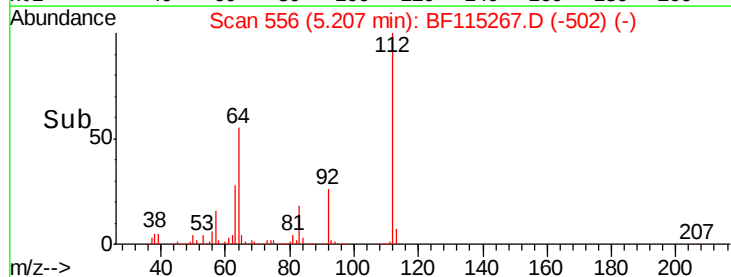
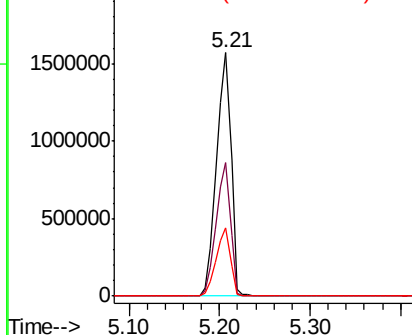


#5
 2-Fluorophenol
 Concen: 104.989 ng
 RT: 5.21 min Scan# 556
 Delta R.T. 0.02 min
 Lab File: BF115267.D
 Acq: 28 Jun 2019 8:38

Tgt Ion:112 Resp: 1740290
 Ion Ratio Lower Upper
 112 100
 64 54.6 43.8 65.6
 63 28.0 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: 108.599 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

Instrument :

BNA_F

ClientSampleId :

PB120890BL

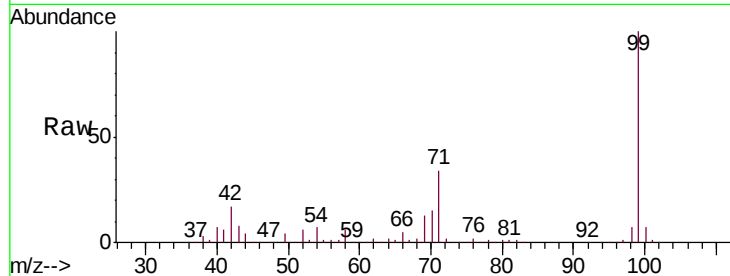
Tgt Ion: 99 Resp: 2184918

Ion Ratio Lower Upper

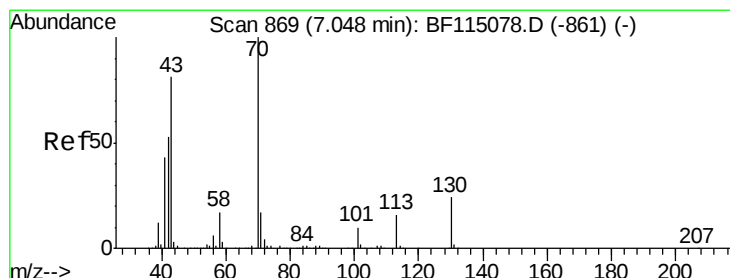
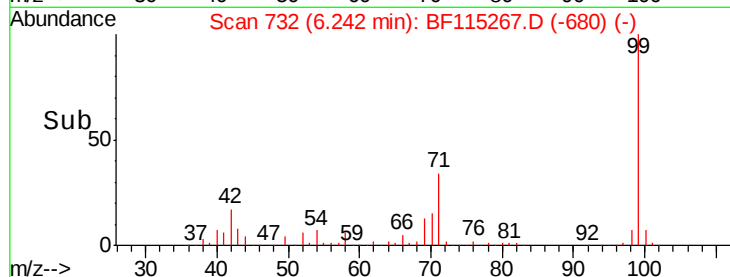
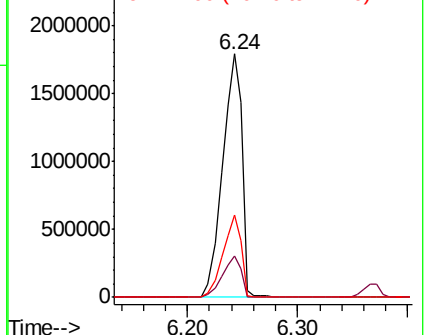
99 100

42 17.1 13.6 20.4

71 33.9 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: 13.742 ng

RT: 7.16 min Scan# 888

Delta R.T. 0.14 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

Tgt Ion: 70 Resp: 176998

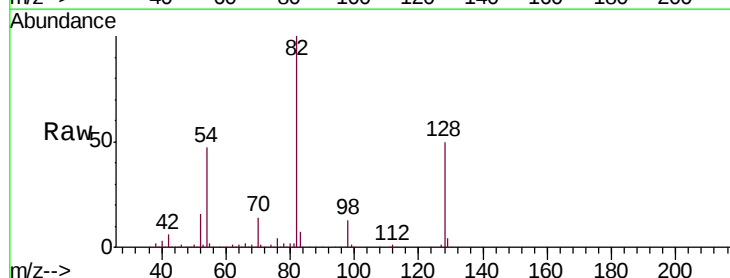
Ion Ratio Lower Upper

70 100

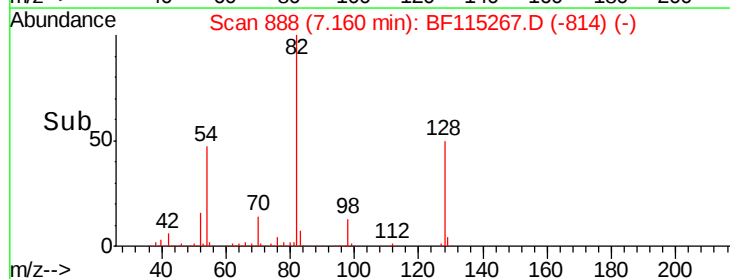
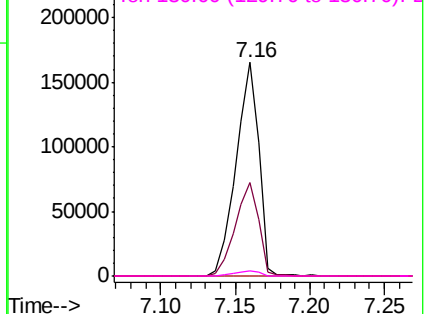
42 43.7 42.6 63.8

101 0.0 8.0 12.0#

130 2.3 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): E
Ion 130.00 (129.70 to 130.70): E

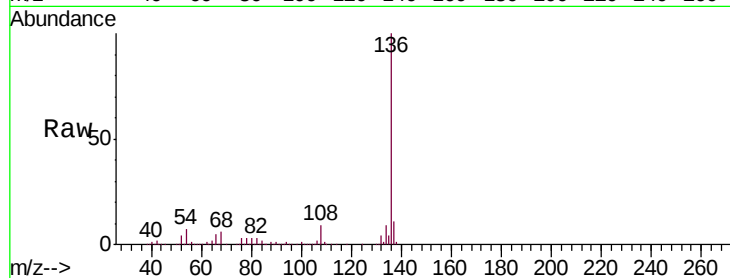




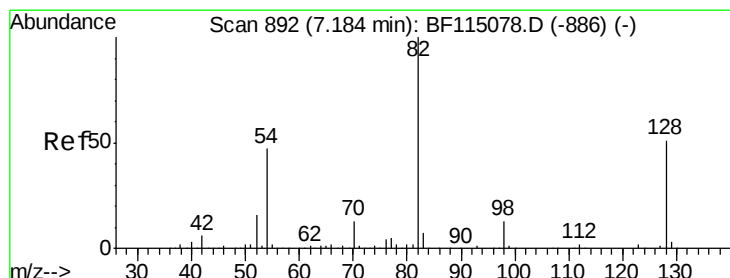
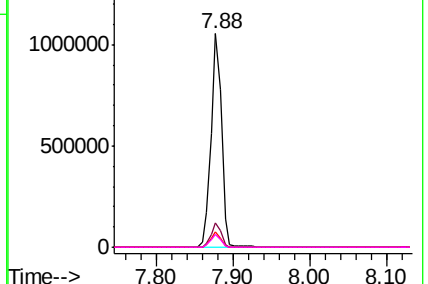
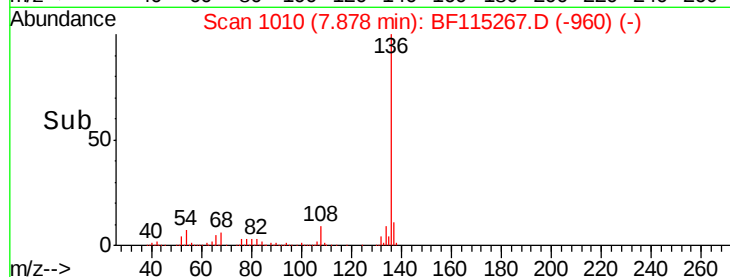
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF115267.D
Acq: 28 Jun 2019 8:38

Instrument :
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ClientSampleId :
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Tgt Ion:	136	Resp:	987815
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.0	5.6	8.4
68	6.1	4.8	7.2

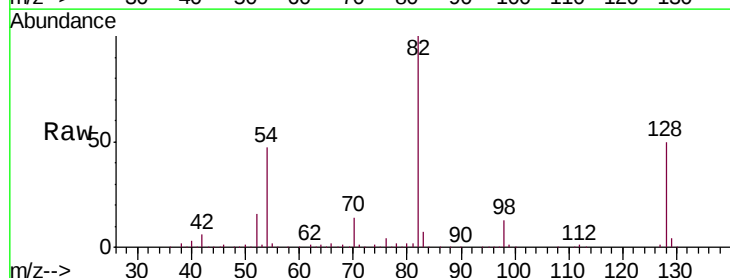


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

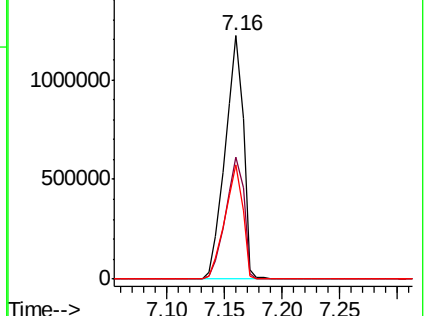
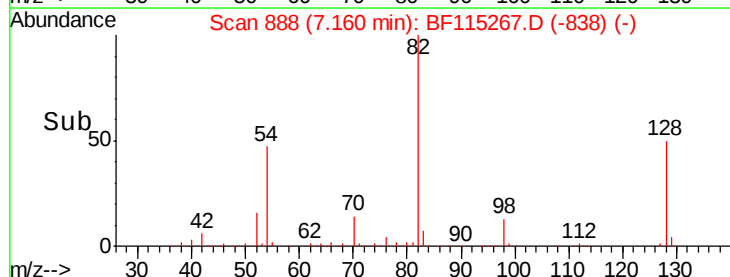


#23
Nitrobenzene-d5
Concen: 83.074 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115267.D
Acq: 28 Jun 2019 8:38

Tgt Ion:	82	Resp:	1334006
Ion	Ratio	Lower	Upper
82	100		
128	50.3	40.4	60.6
54	46.9	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: 40.290 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

Instrument :

BNA_F

ClientSampleId :

PB120890BL

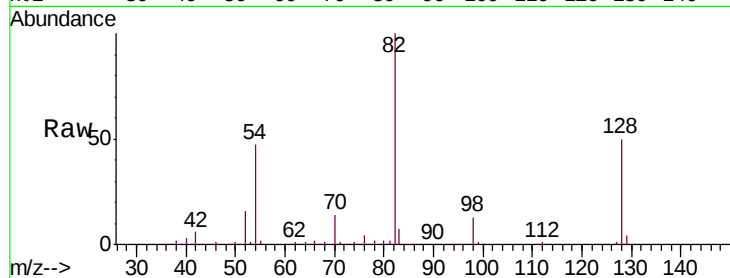
Tgt Ion: 82 Resp: 1325363

Ion Ratio Lower Upper

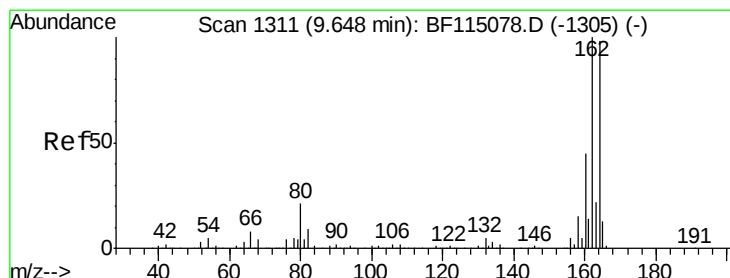
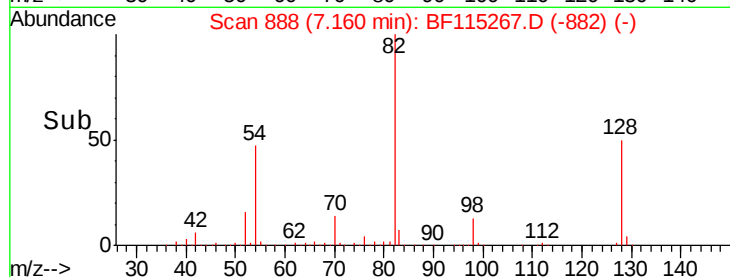
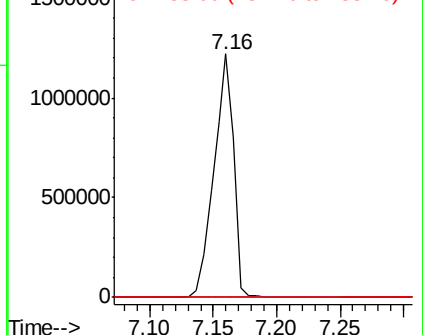
82 100

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: BF115267.D

Acq: 28 Jun 2019 8:38

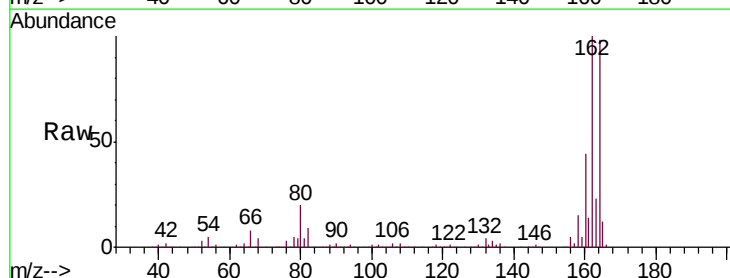
Tgt Ion: 164 Resp: 486900

Ion Ratio Lower Upper

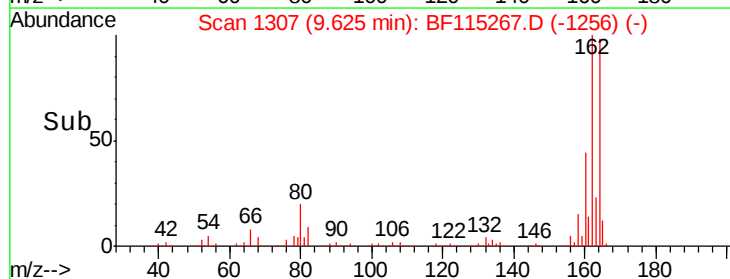
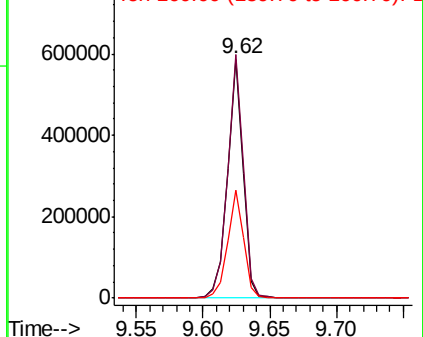
164 100

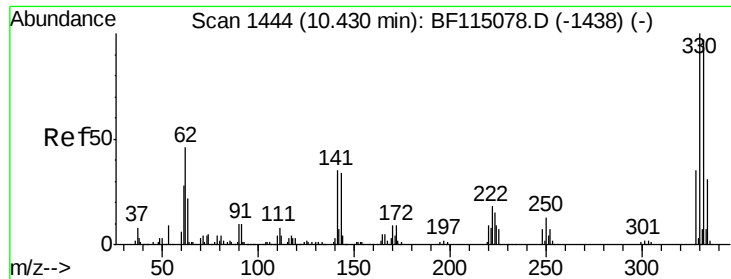
162 101.9 81.7 122.5

160 45.0 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: 124.827 ng

RT: 10.41 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

Instrument :

BNA_F

ClientSampleId :

PB120890BL

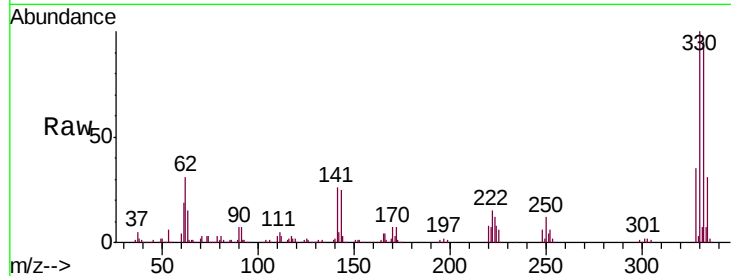
Tgt Ion:330 Resp: 640929

Ion Ratio Lower Upper

330 100

332 95.0 77.3 115.9

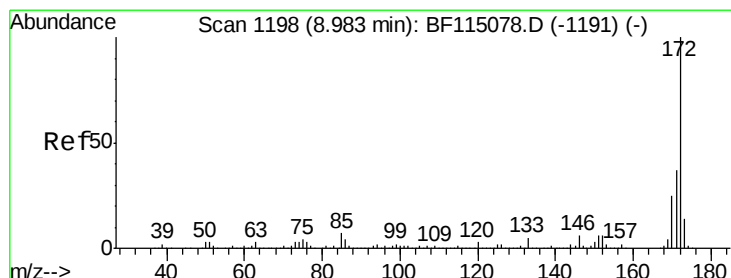
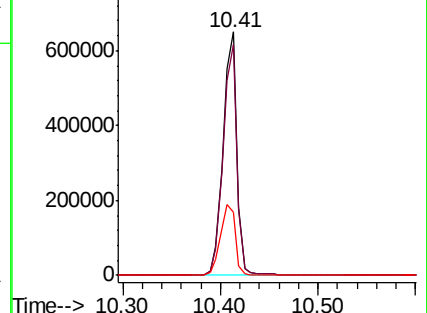
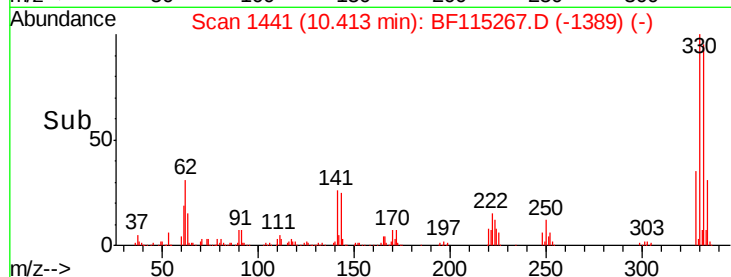
141 31.7 28.2 42.2



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: 87.627 ng

RT: 8.96 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

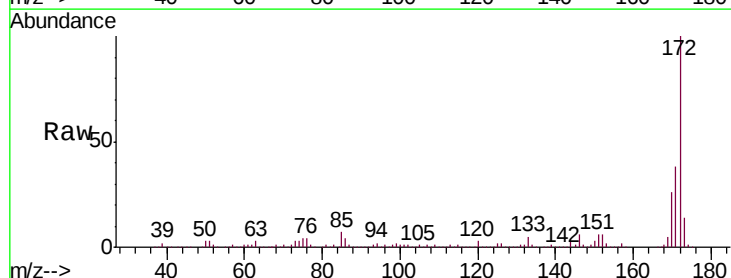
Tgt Ion:172 Resp: 2511764

Ion Ratio Lower Upper

172 100

171 37.6 29.8 44.6

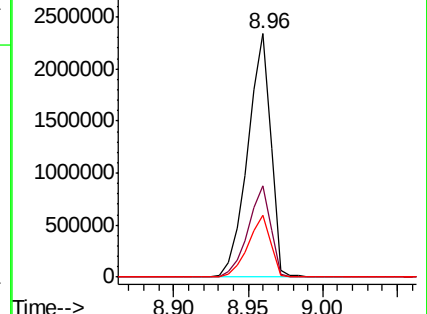
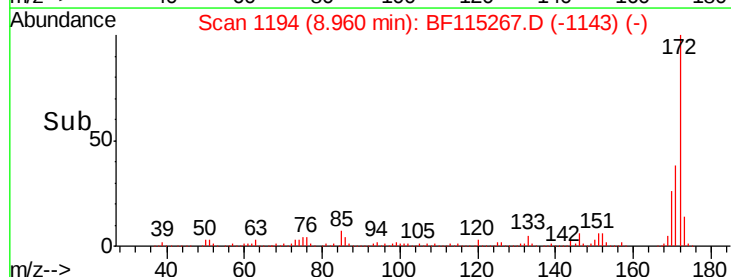
170 25.6 20.3 30.5

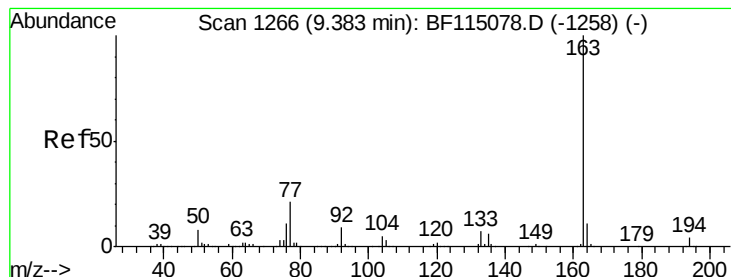


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.792 ng

RT: 9.62 min Scan# 1307

Delta R.T. 0.26 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

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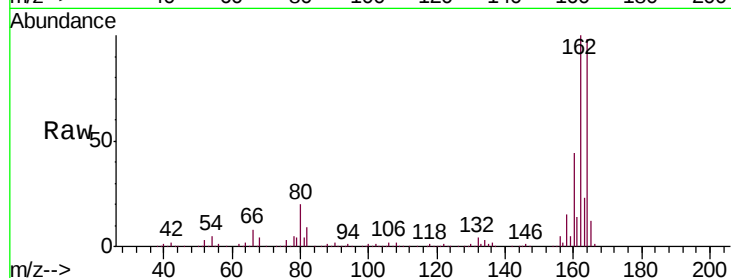
Tgt Ion:163 Resp: 135848

Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

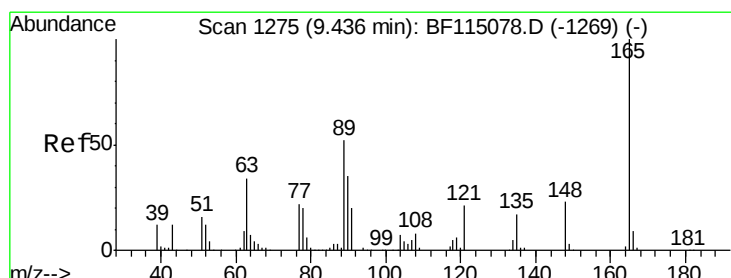
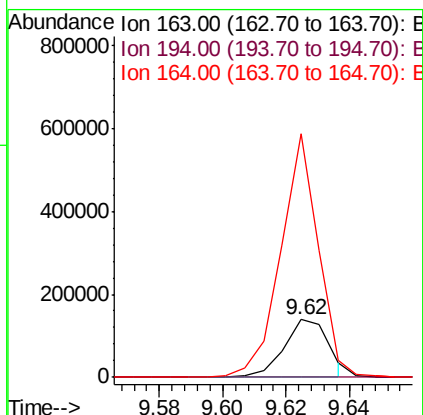
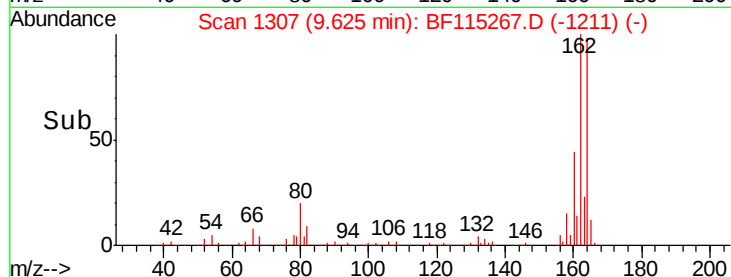
164 420.1 8.6 13.0#



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: 7.452 ng

RT: 9.62 min Scan# 1307

Delta R.T. 0.21 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

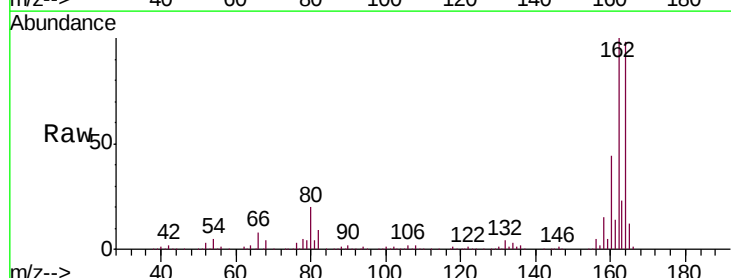
Tgt Ion:165 Resp: 61633

Ion Ratio Lower Upper

165 100

63 1.3 39.4 59.2#

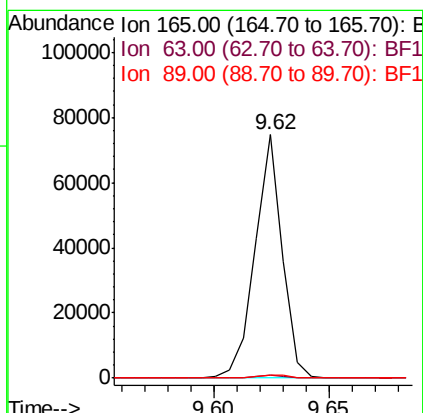
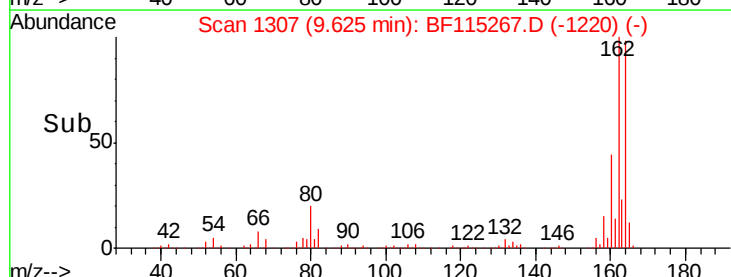
89 1.2 42.0 63.0#

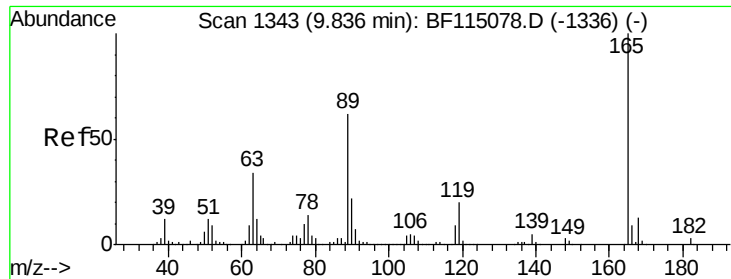


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

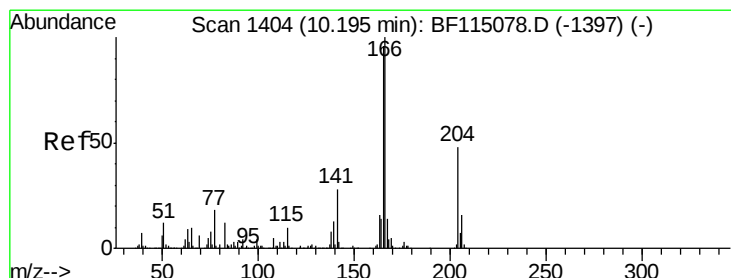
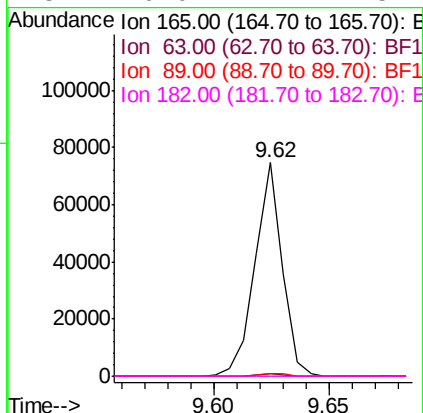
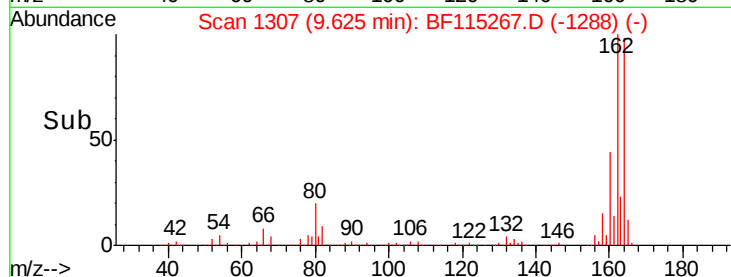
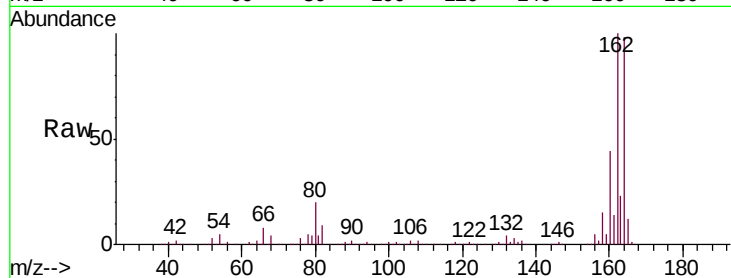




#57
 2,4-Dinitrotoluene
 Concen: 5.772 ng
 RT: 9.62 min Scan# 1307
 Delta R.T. -0.19 min
 Lab File: BF115267.D
 Acq: 28 Jun 2019 8:38

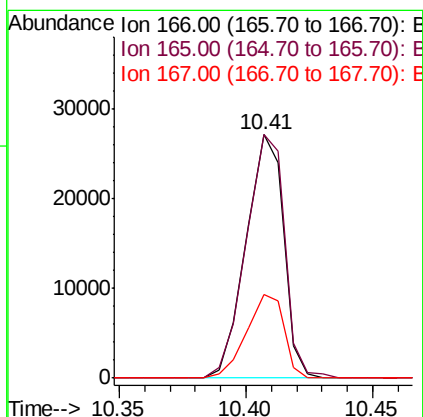
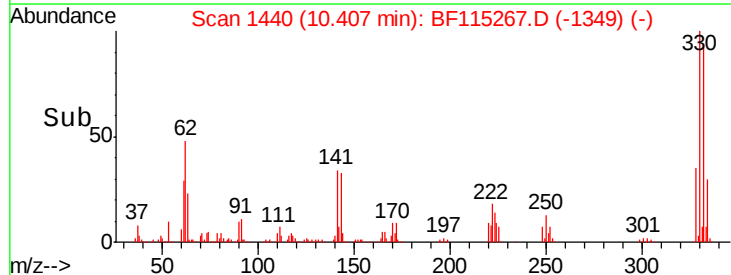
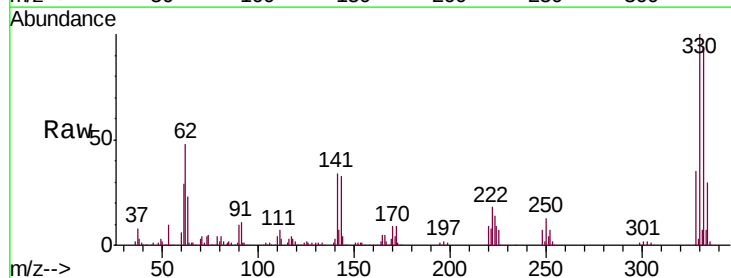
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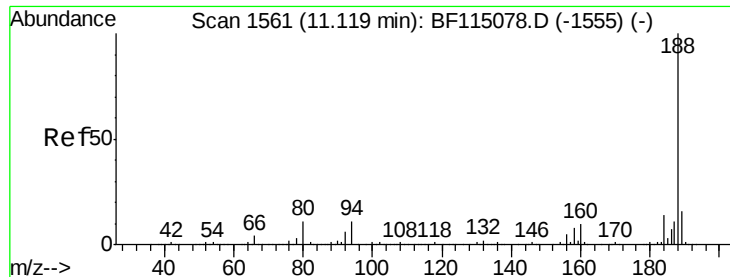
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	27.5	41.3#
89	1.2	49.9	74.9#
182	0.0	2.1	3.1#



#58
 Fluorene
 Concen: Below Cal
 RT: 10.41 min Scan# 1440
 Delta R.T. 0.24 min
 Lab File: BF115267.D
 Acq: 28 Jun 2019 8:38

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.2	76.5	114.7
167	34.3	11.0	16.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.10 min Scan# 1557

Delta R.T. 0.00 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

Instrument :

BNA_F

ClientSampleId :

PB120890BL

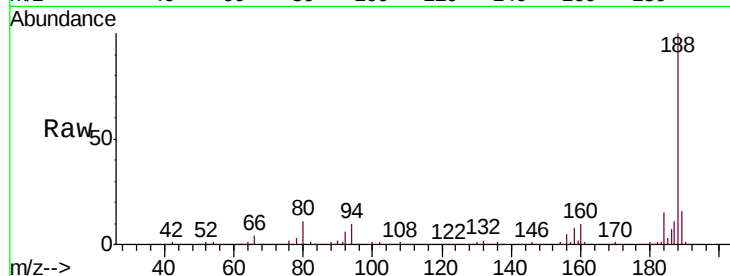
Tgt Ion:188 Resp: 974033

Ion Ratio Lower Upper

188 100

94 10.4 8.6 12.8

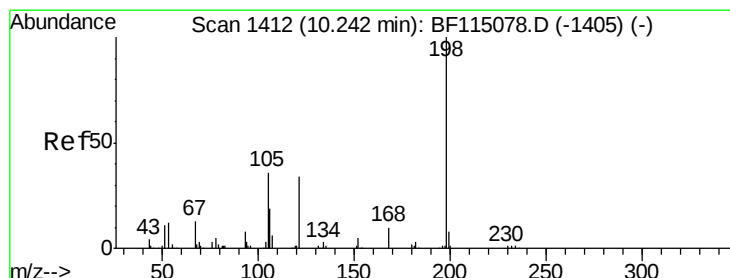
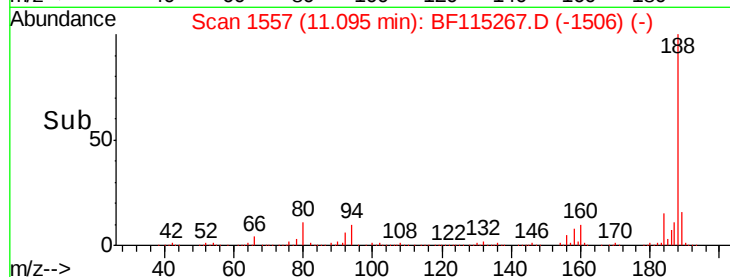
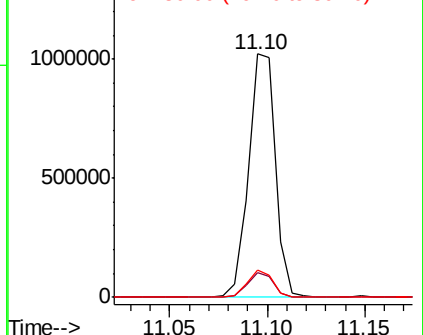
80 11.1 8.8 13.2



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: 5.173 ng

RT: 10.41 min Scan# 1440

Delta R.T. 0.19 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

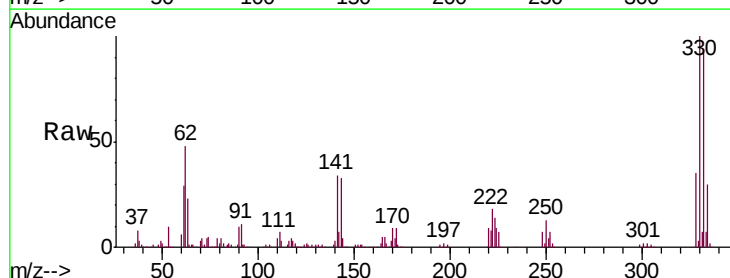
Tgt Ion:198 Resp: 1230

Ion Ratio Lower Upper

198 100

51 182.4 11.0 51.0#

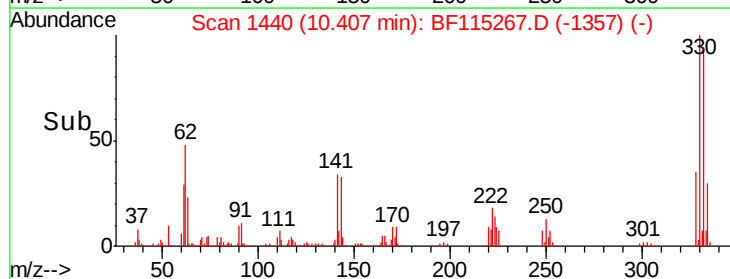
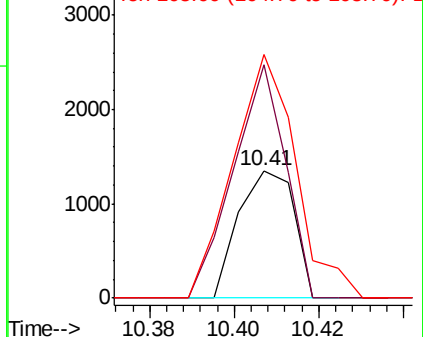
105 190.6 17.3 57.3#

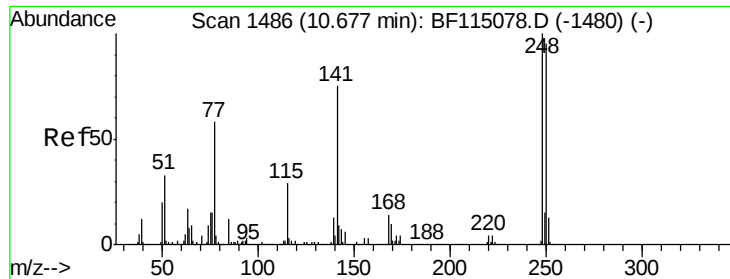


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

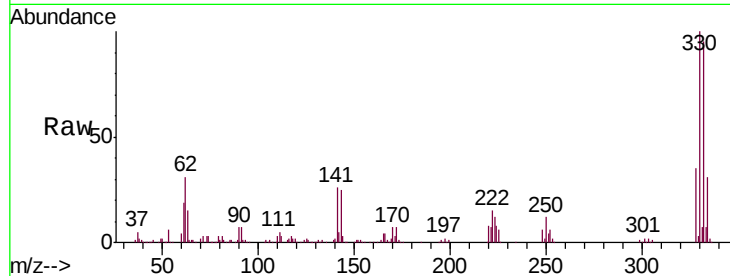




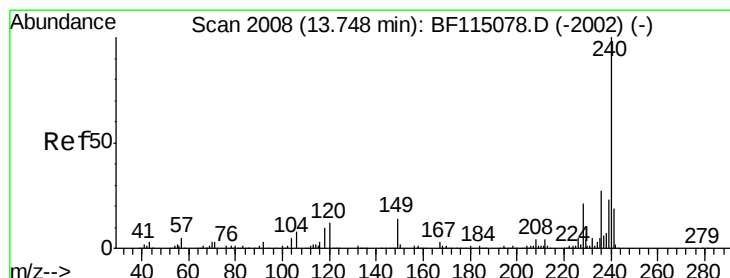
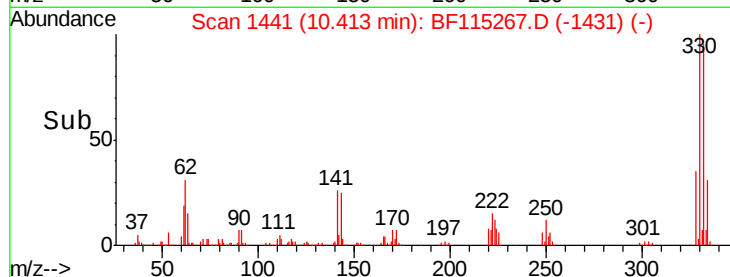
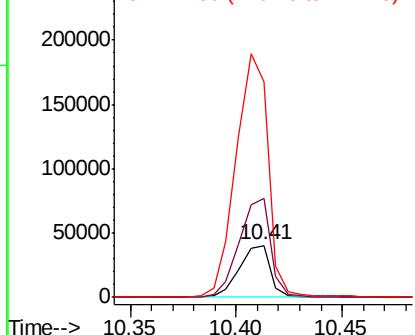
#67
 4-Bromophenyl-phenylether
 Concen: 3.899 ng
 RT: 10.41 min Scan# 1441
 Delta R.T. -0.24 min
 Lab File: BF115267.D
 Acq: 28 Jun 2019 8:38

Instrument :
 BNA_F
 ClientSampleId :
 PB120890BL

Tgt Ion:248 Resp: 41178
 Ion Ratio Lower Upper
 248 100
 250 190.9 76.2 114.2#
 141 416.7 59.6 89.4#

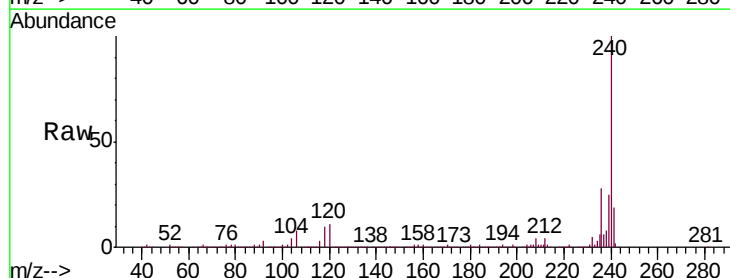


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

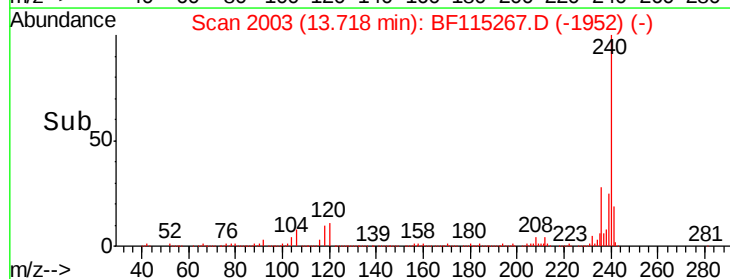
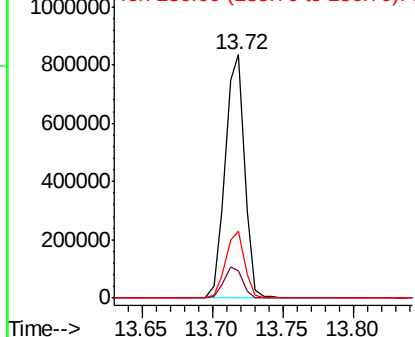


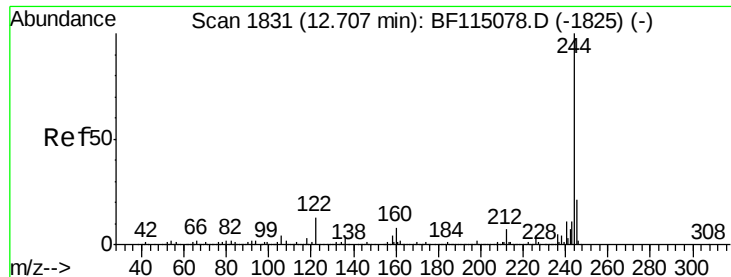
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.72 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: BF115267.D
 Acq: 28 Jun 2019 8:38

Tgt Ion:240 Resp: 800247
 Ion Ratio Lower Upper
 240 100
 120 11.2 9.4 14.2
 236 27.7 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: 75.157 ng

RT: 12.69 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

Instrument :

BNA_F

ClientSampleId :

PB120890BL

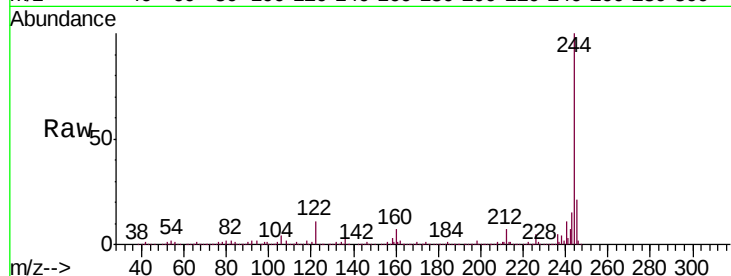
Tgt Ion:244 Resp: 2828788

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

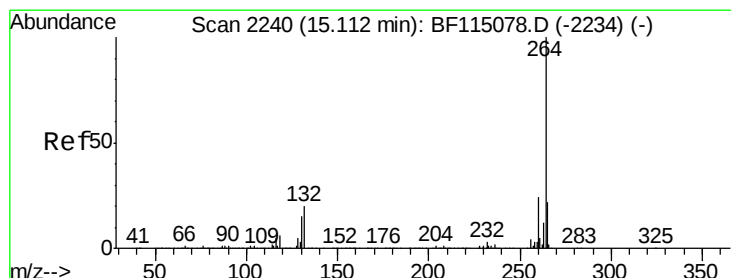
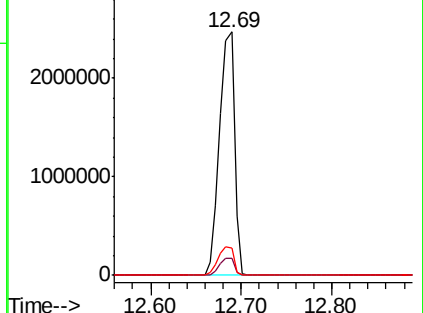
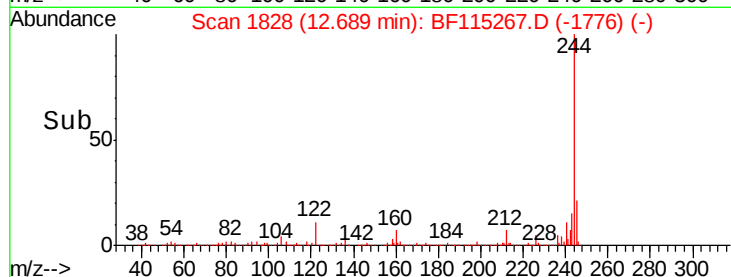
122 11.2 10.4 15.6



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: 15.08 min Scan# 2235

Delta R.T. 0.00 min

Lab File: BF115267.D

Acq: 28 Jun 2019 8:38

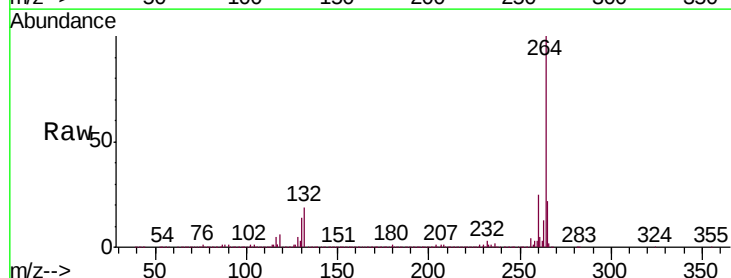
Tgt Ion:264 Resp: 870405

Ion Ratio Lower Upper

264 100

260 24.7 19.6 29.4

265 21.9 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

