

Data File : BF115273.D
Acq On : 28 Jun 2019 11:35
Operator : HP/JU
Sample : PB120961BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120961BL

Quant Time: Jun 29 02:31:33 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	234452	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	900318	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	458056	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	920294	20.00	ng	0.00
76) Chrysene-d12	13.71	240	736970	20.00	ng	0.00
87) Perylene-d12	15.08	264	771302	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1651255	108.69	ng	0.02
7) Phenol-d6	6.24	99	2046473	110.98	ng	0.00
23) Nitrobenzene-d5	7.16	82	1274775	87.10	ng	0.00
42) 2,4,6-Tribromophenol	10.41	330	637587	132.00	ng	0.00
45) 2-Fluorobiphenyl	8.96	172	2426143	89.97	ng	0.00
79) Terphenyl-d14	12.68	244	2847087	82.14	ng	0.00

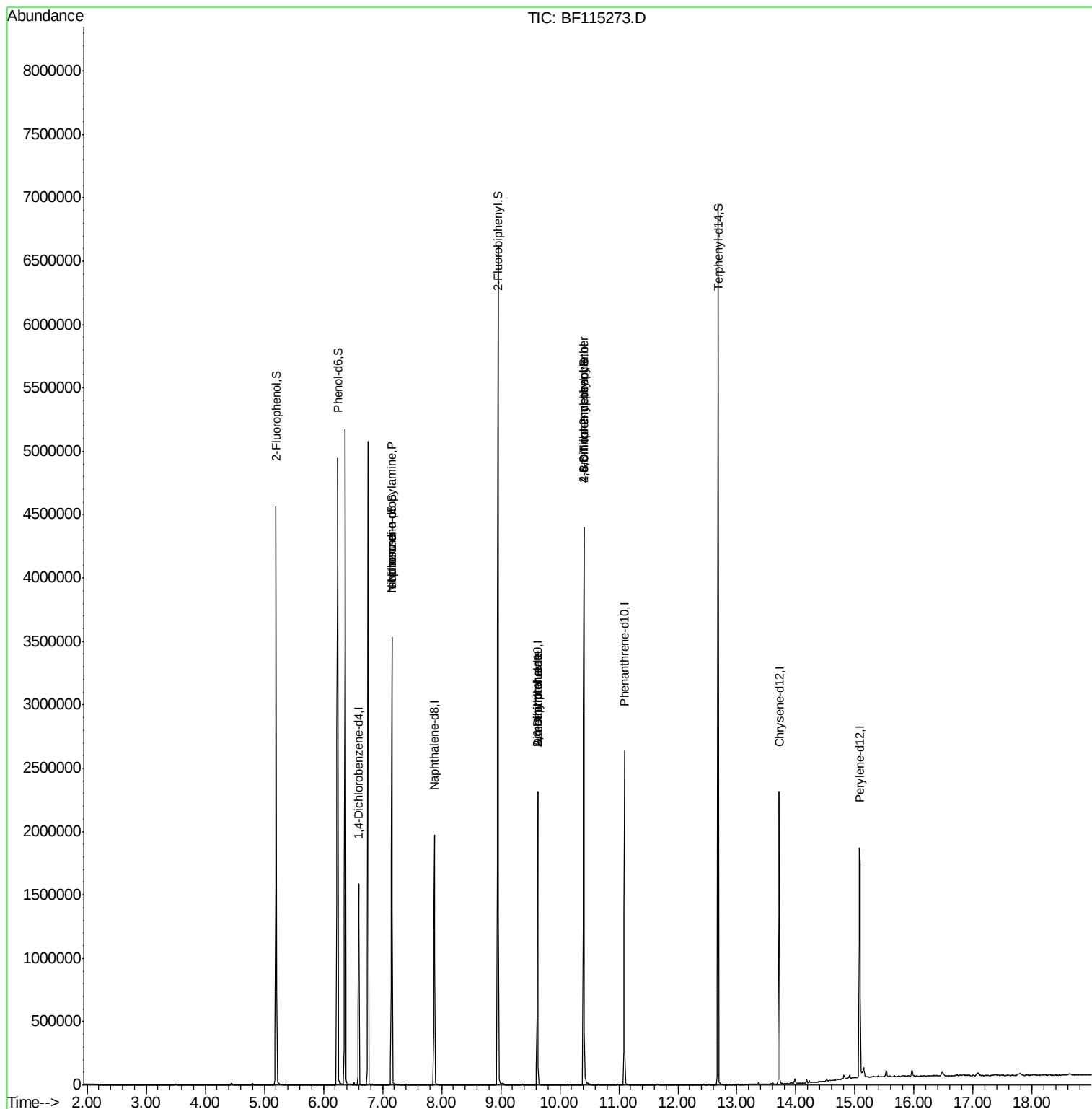
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.16	70	167662	14.202	ng	# 77
25) Isophorone	7.16	82	1265624	42.213	ng	# 63
50) Dimethylphthalate	9.62	163	129872	3.854	ng	# 1
51) 2,6-Dinitrotoluene	9.62	165	58535	7.523	ng	# 28
57) 2,4-Dinitrotoluene	9.62	165	58535	5.827	ng	# 30
58) Fluorene	10.41	166	28766	Below Cal		# 89
65) 4,6-Dinitro-2-methylphenol	10.41	198	1287	5.196	ng	# 1
67) 4-Bromophenyl-phenylether	10.41	248	40251	4.034	ng	# 1

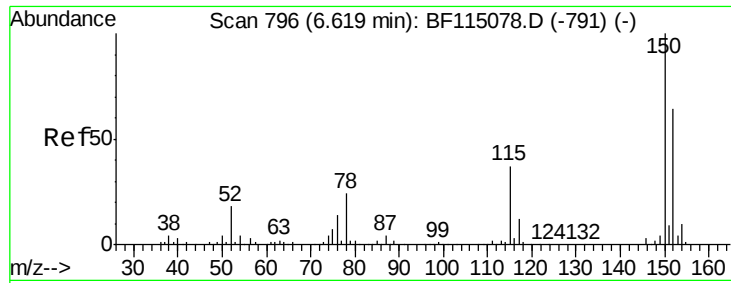
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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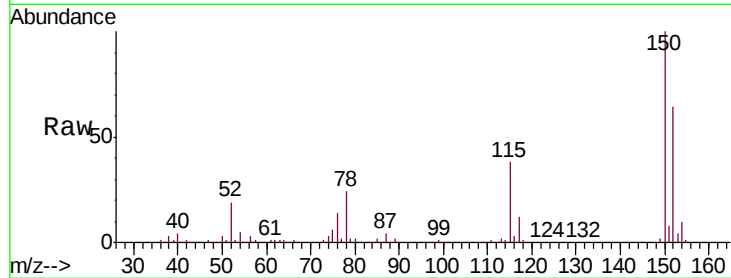




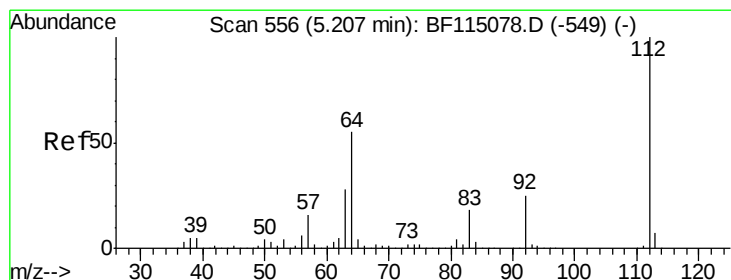
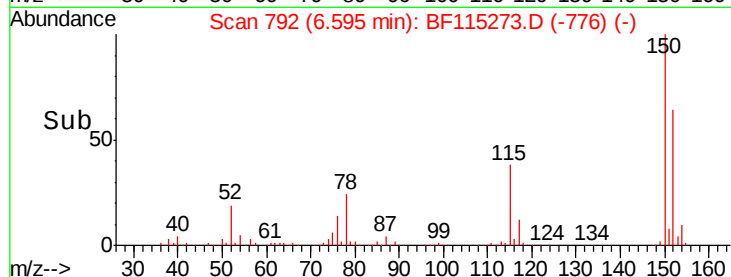
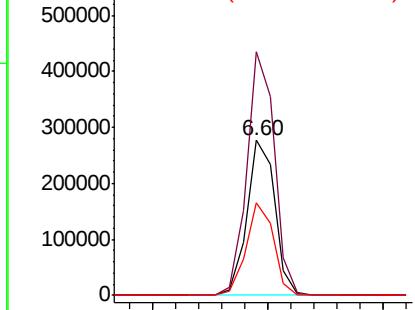
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.60 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF115273.D
 Acq: 28 Jun 2019 11:35

Instrument :
 BNA_F
 ClientSampleId :
 PB120961BL

Tgt Ion:152 Resp: 234452
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.2 186.2
 115 60.0 46.1 69.1

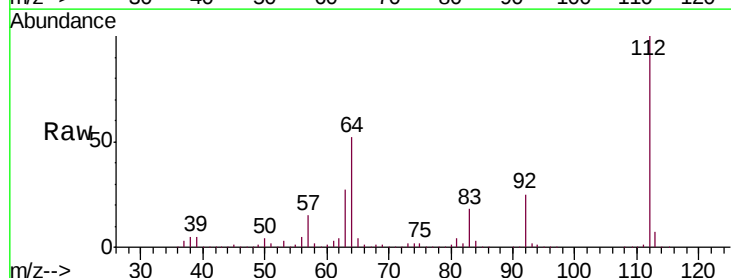


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

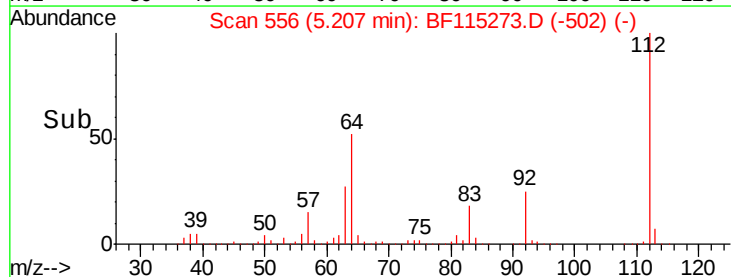
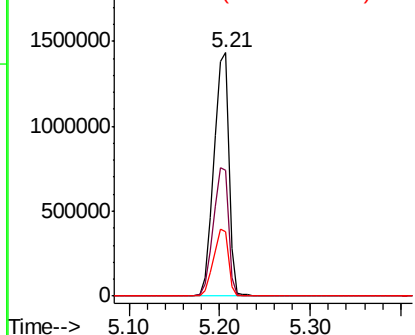


#5
 2-Fluorophenol
 Concen: 108.686 ng
 RT: 5.21 min Scan# 556
 Delta R.T. 0.02 min
 Lab File: BF115273.D
 Acq: 28 Jun 2019 11:35

Tgt Ion:112 Resp: 1651255
 Ion Ratio Lower Upper
 112 100
 64 51.6 43.8 65.6
 63 26.7 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: 110.977 ng

RT: 6.24 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF115273.D

Acq: 28 Jun 2019 11:35

Instrument :

BNA_F

ClientSampleId :

PB120961BL

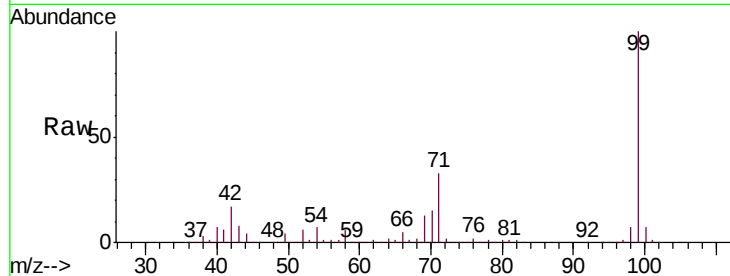
Tgt Ion: 99 Resp: 2046473

Ion Ratio Lower Upper

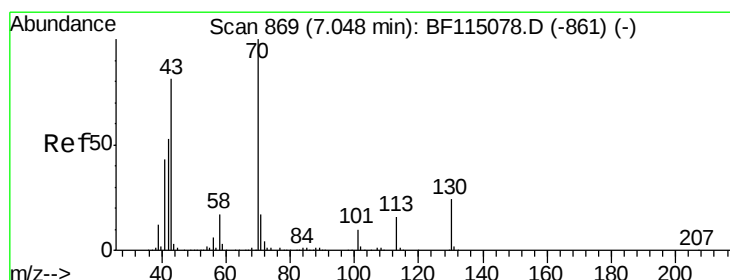
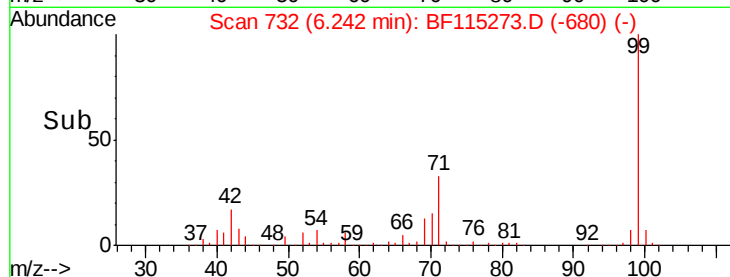
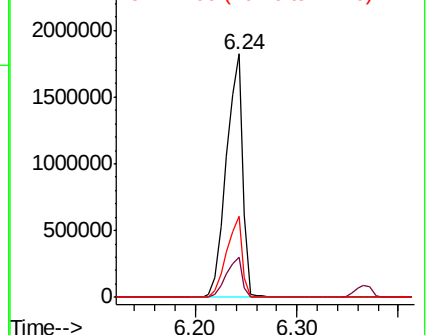
99 100

42 16.5 13.6 20.4

71 33.4 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: 14.202 ng

RT: 7.16 min Scan# 888

Delta R.T. 0.14 min

Lab File: BF115273.D

Acq: 28 Jun 2019 11:35

Tgt Ion: 70 Resp: 167662

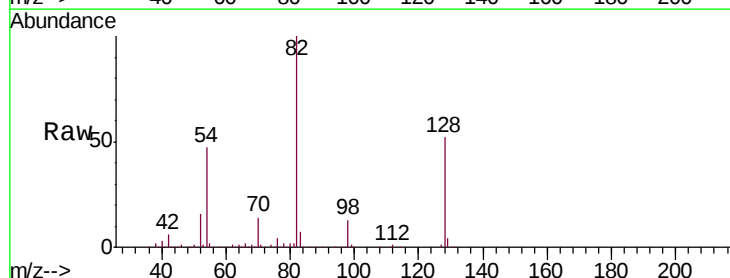
Ion Ratio Lower Upper

70 100

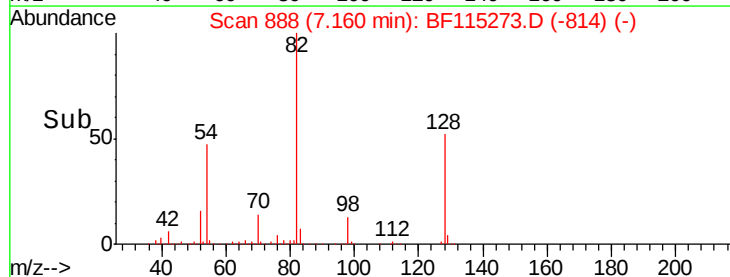
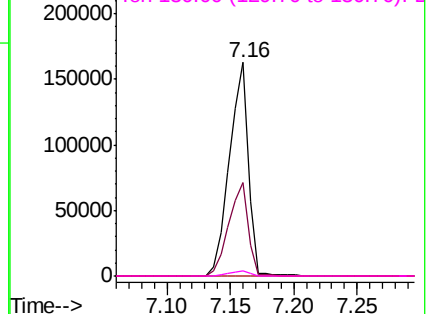
42 43.9 42.6 63.8

101 0.0 8.0 12.0#

130 2.1 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

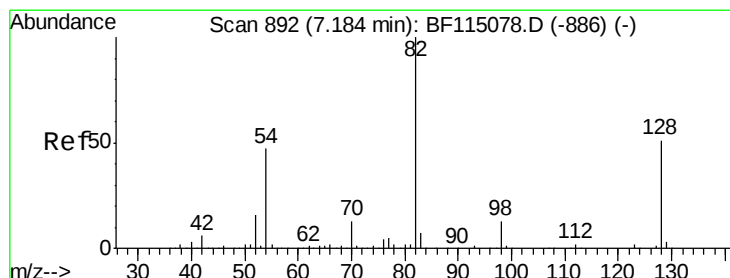
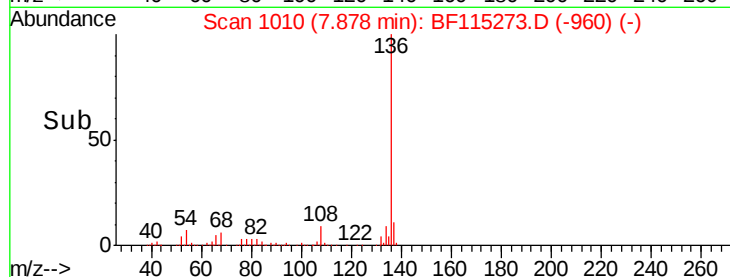
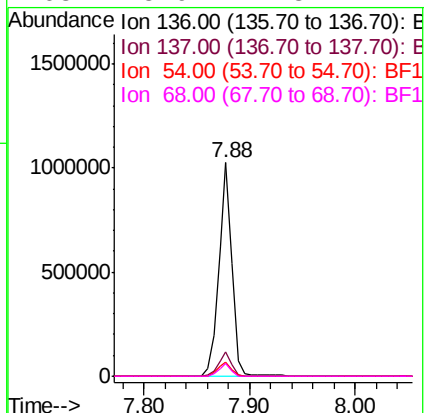
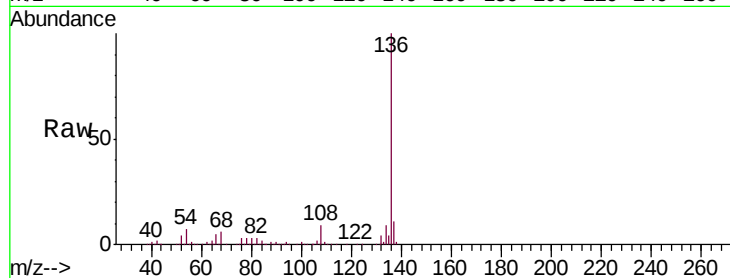




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.88 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF115273.D
Acq: 28 Jun 2019 11:35

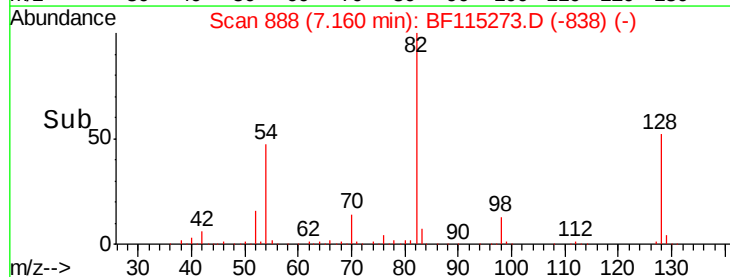
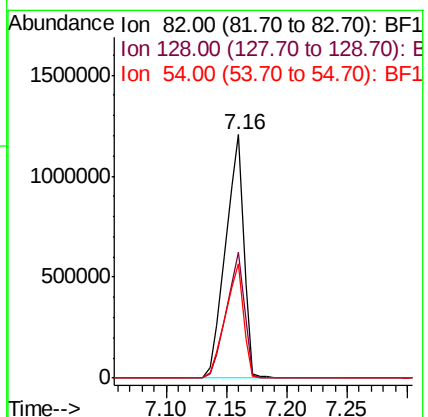
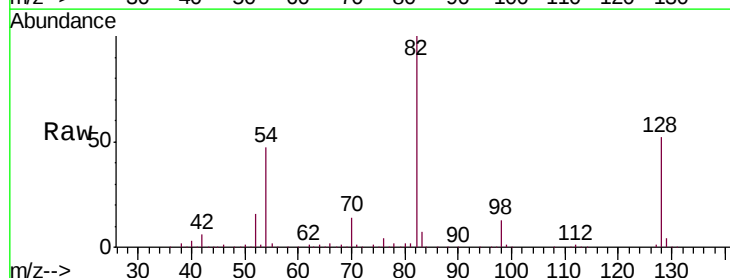
Instrument :
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ClientSampleId :
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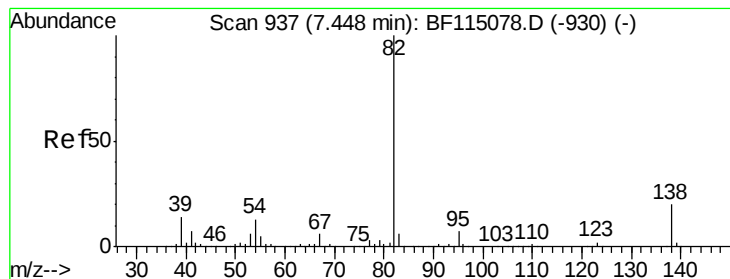
Tgt Ion:	136	Resp:	900318
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.8	5.6	8.4
68	5.9	4.8	7.2



#23
Nitrobenzene-d5
Concen: 87.101 ng
RT: 7.16 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF115273.D
Acq: 28 Jun 2019 11:35

Tgt Ion:	82	Resp:	1274775
Ion	Ratio	Lower	Upper
82	100		
128	51.7	40.4	60.6
54	47.0	37.5	56.3





#25

Isophorone

Concen: 42.213 ng

RT: 7.16 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF115273.D

Acq: 28 Jun 2019 11:35

Instrument :

BNA_F

ClientSampleId :

PB120961BL

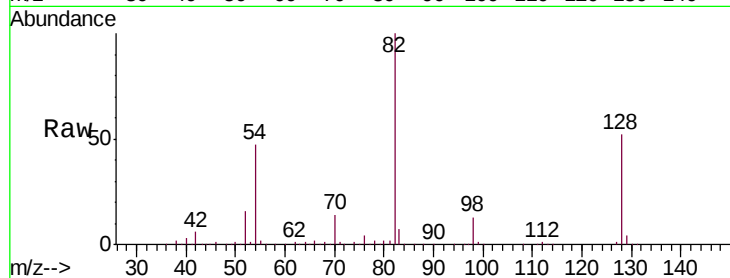
Tgt Ion: 82 Resp: 1265624

Ion Ratio Lower Upper

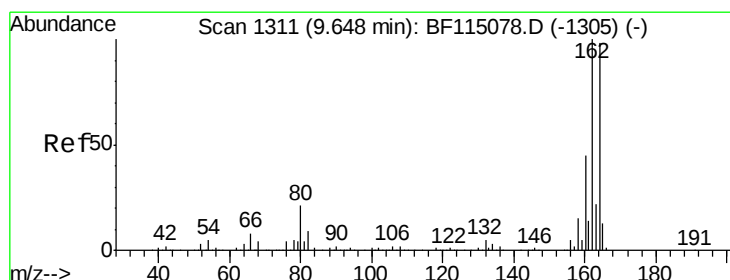
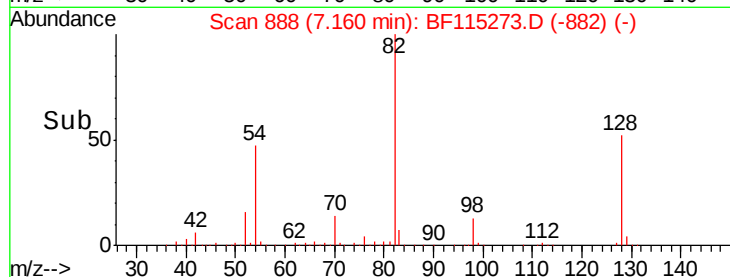
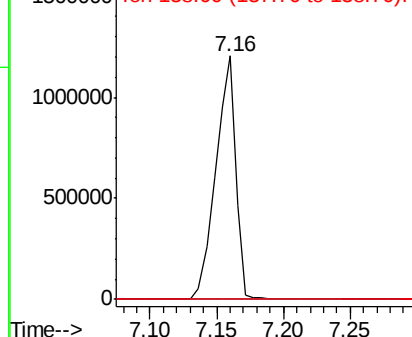
82 100

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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.62 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BF115273.D

Acq: 28 Jun 2019 11:35

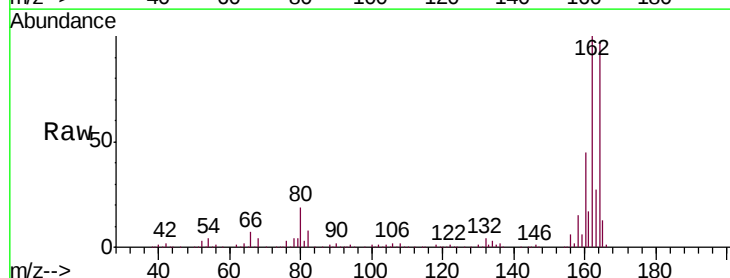
Tgt Ion: 164 Resp: 458056

Ion Ratio Lower Upper

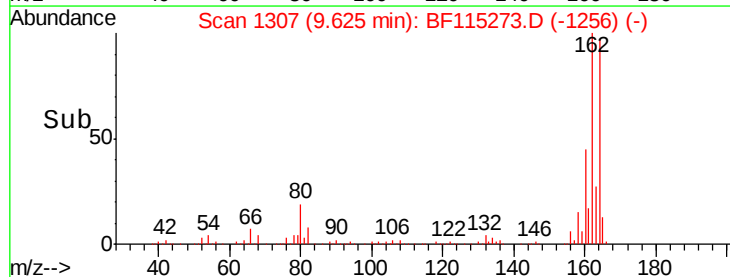
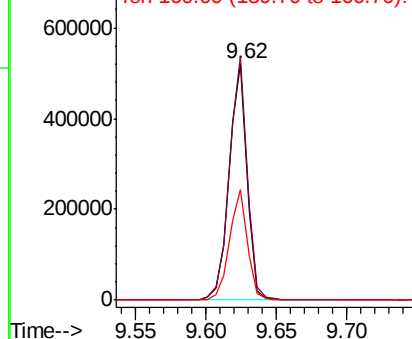
164 100

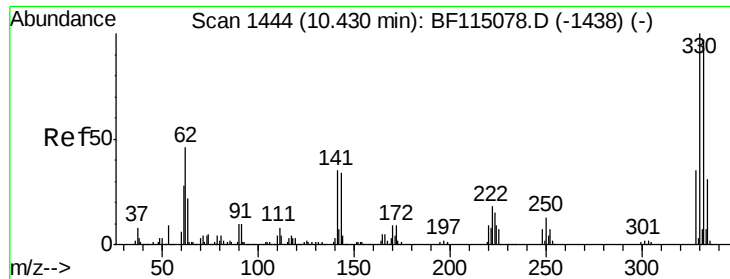
162 103.1 81.7 122.5

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: 131.996 ng

RT: 10.41 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BF115273.D

Acq: 28 Jun 2019 11:35

Instrument :

BNA_F

ClientSampleId :

PB120961BL

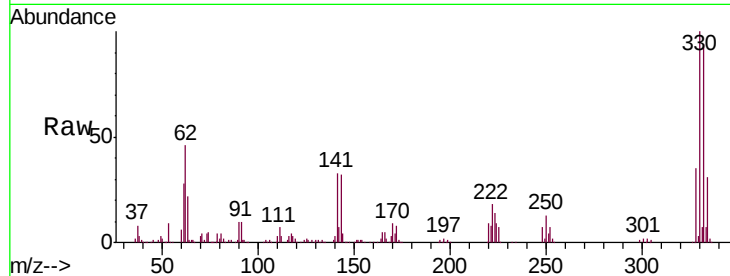
Tgt Ion:330 Resp: 637587

Ion Ratio Lower Upper

330 100

332 95.4 77.3 115.9

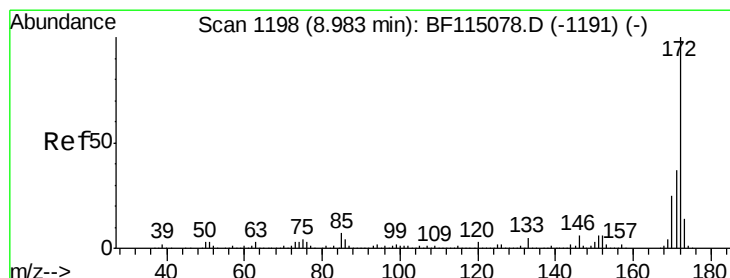
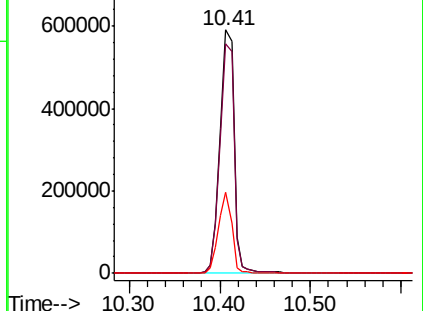
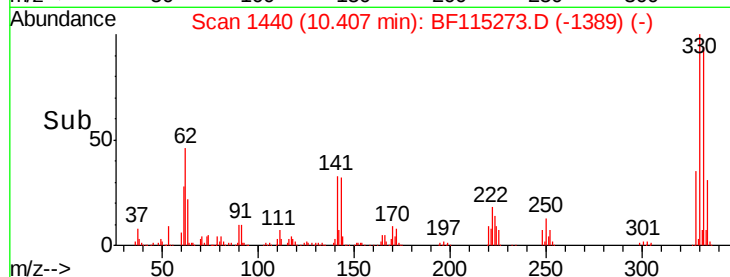
141 31.7 28.2 42.2



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: 89.969 ng

RT: 8.96 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BF115273.D

Acq: 28 Jun 2019 11:35

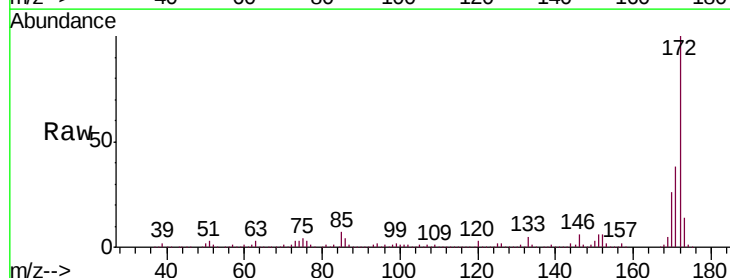
Tgt Ion:172 Resp: 2426143

Ion Ratio Lower Upper

172 100

171 37.8 29.8 44.6

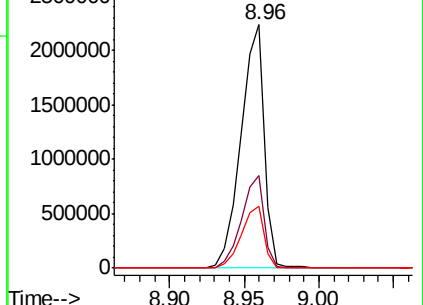
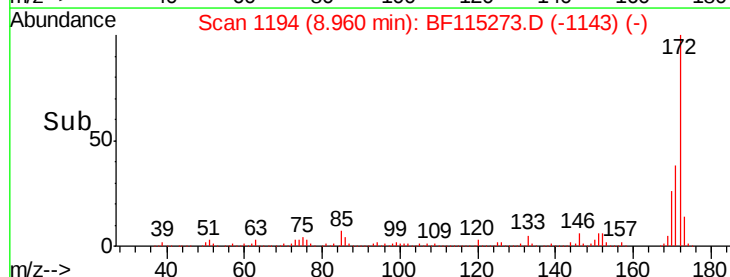
170 25.6 20.3 30.5



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

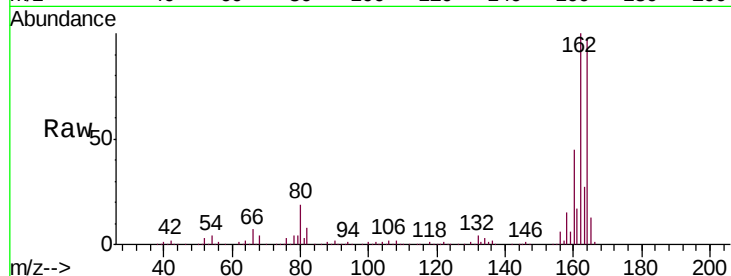




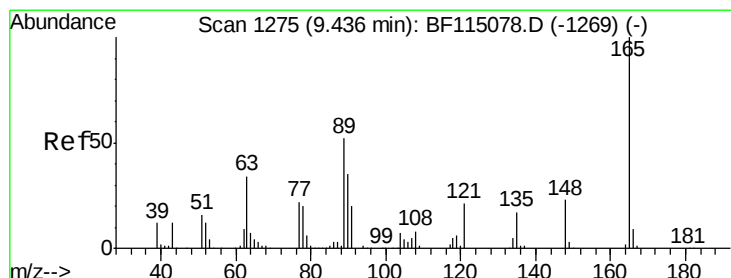
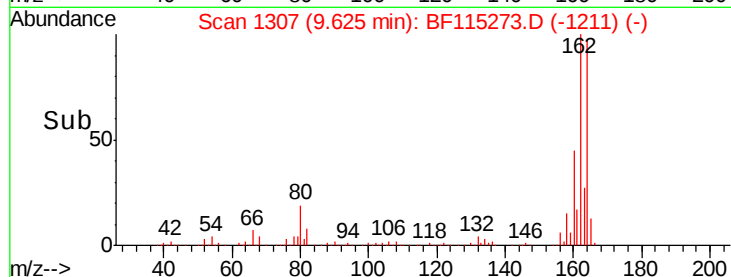
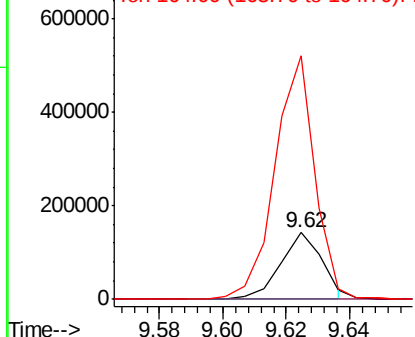
#50
Dimethylphthalate
Concen: 3.854 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.26 min
Lab File: BF115273.D
Acq: 28 Jun 2019 11:35

Instrument :
BNA_F
ClientSampleId :
PB120961BL

Tgt Ion:163 Resp: 129872
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 365.7 8.6 13.0#

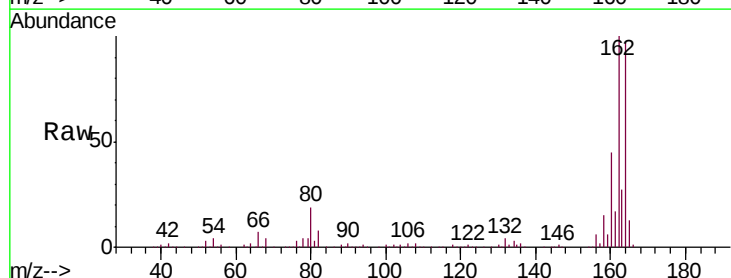


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

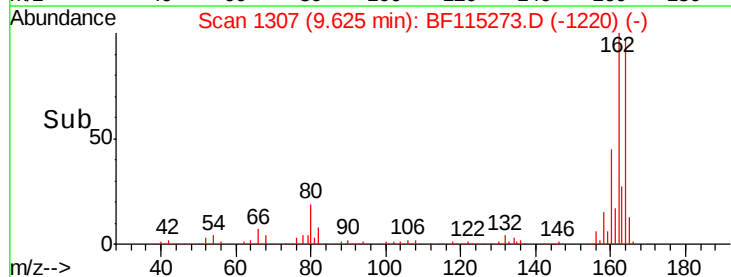
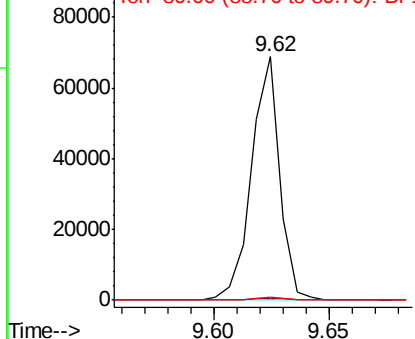


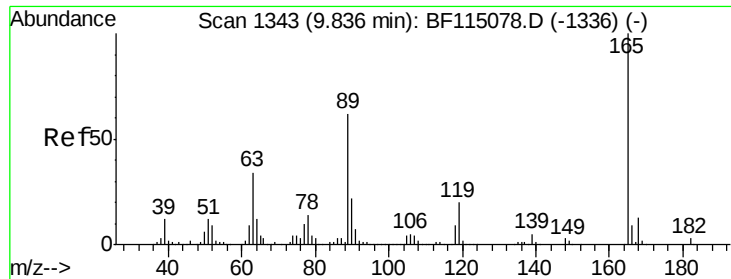
#51
2,6-Dinitrotoluene
Concen: 7.523 ng
RT: 9.62 min Scan# 1307
Delta R.T. 0.21 min
Lab File: BF115273.D
Acq: 28 Jun 2019 11:35

Tgt Ion:165 Resp: 58535
Ion Ratio Lower Upper
165 100
63 0.8 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

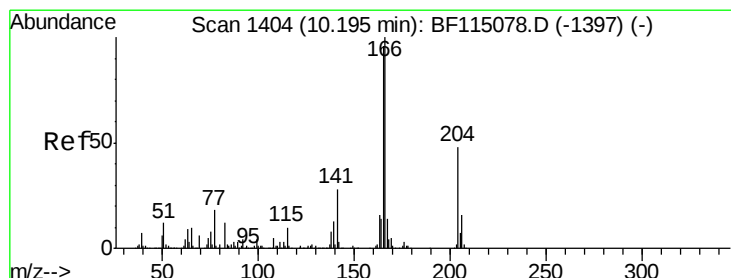
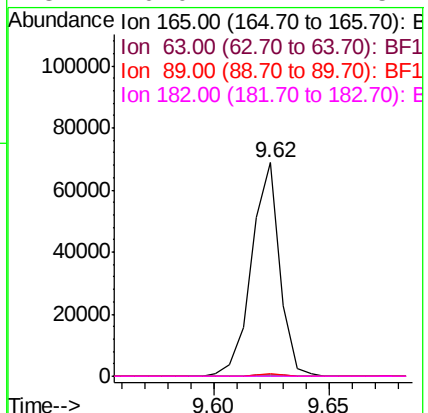
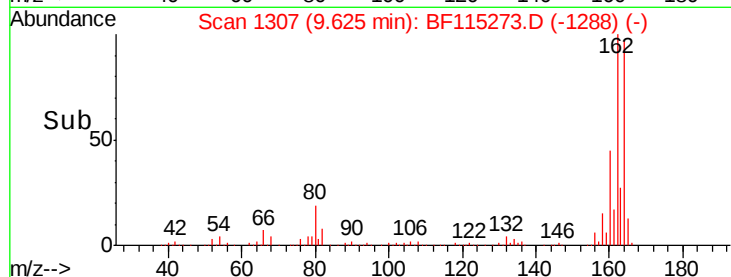
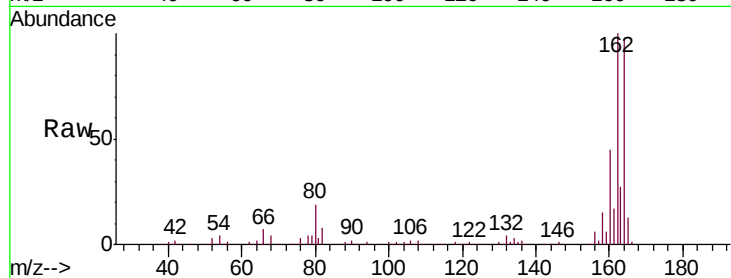




#57
2,4-Dinitrotoluene
Concen: 5.827 ng
RT: 9.62 min Scan# 1307
Delta R.T. -0.19 min
Lab File: BF115273.D
Acq: 28 Jun 2019 11:35

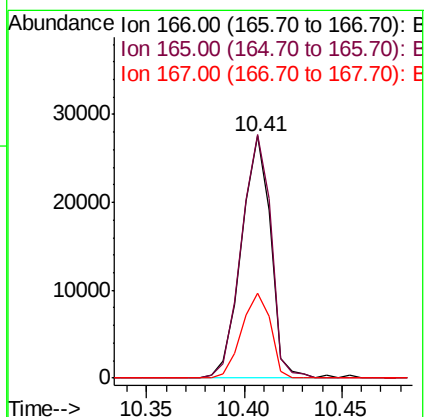
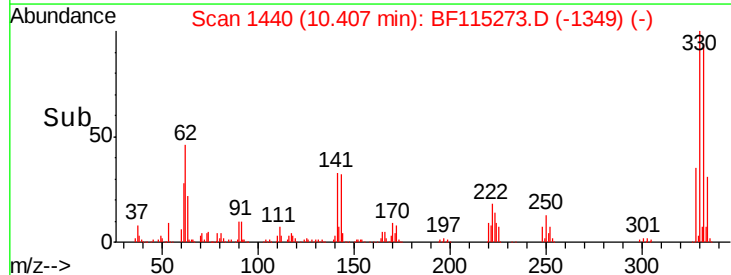
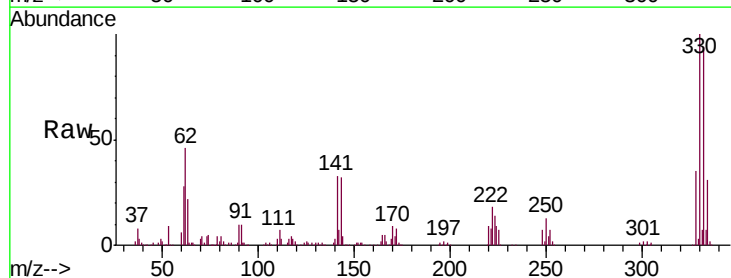
Instrument :
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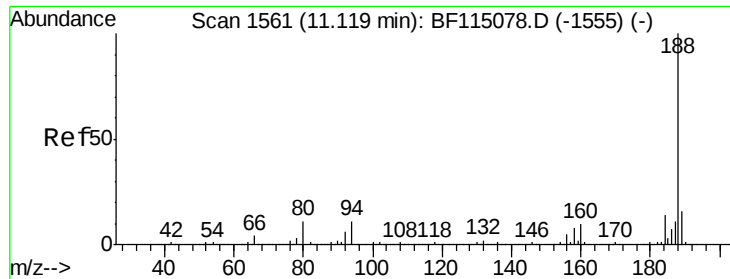
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	27.5	41.3#
89	1.2	49.9	74.9#
182	0.0	2.1	3.1#



#58
Fluorene
Concen: Below Cal
RT: 10.41 min Scan# 1440
Delta R.T. 0.24 min
Lab File: BF115273.D
Acq: 28 Jun 2019 11:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.6	76.5	114.7
167	34.9	11.0	16.4#

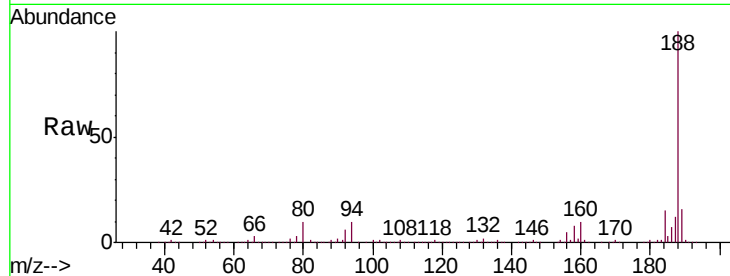




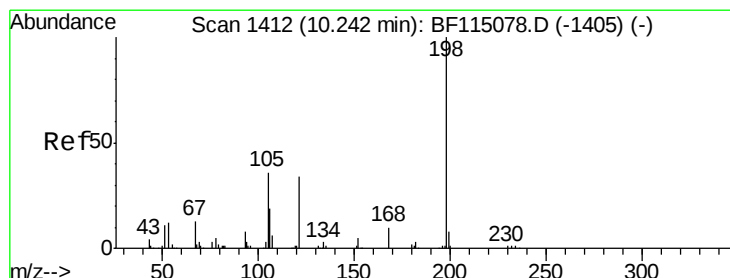
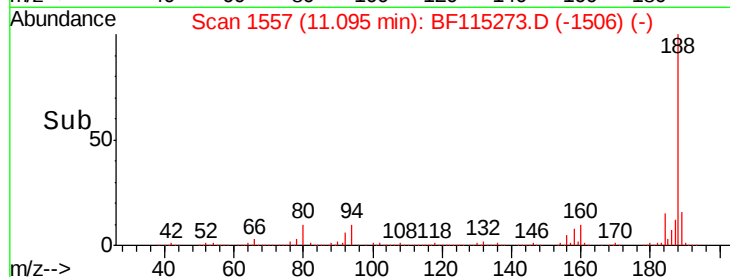
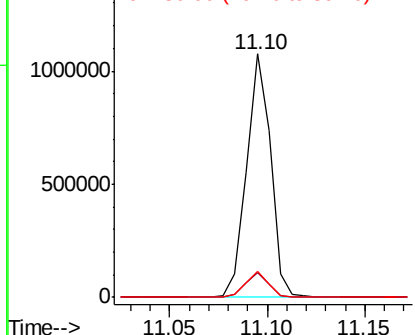
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF115273.D
Acq: 28 Jun 2019 11:35

Instrument :
BNA_F
ClientSampleId :
PB120961BL

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.6	12.8
80	10.5	8.8	13.2

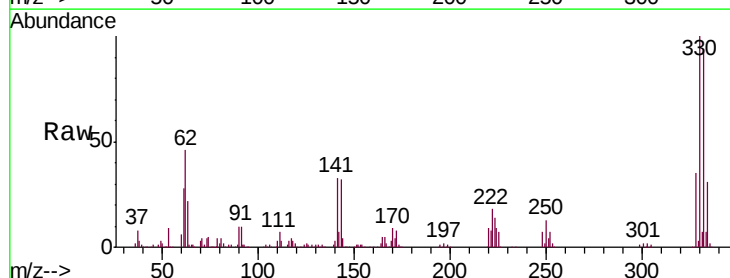


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

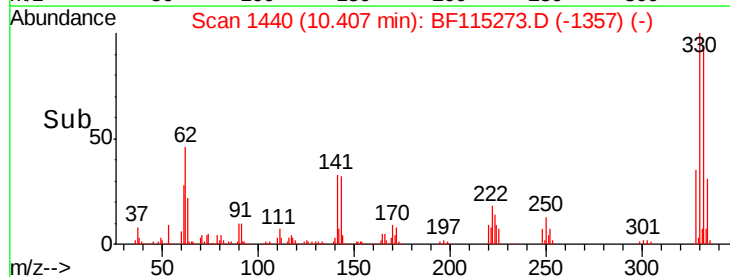
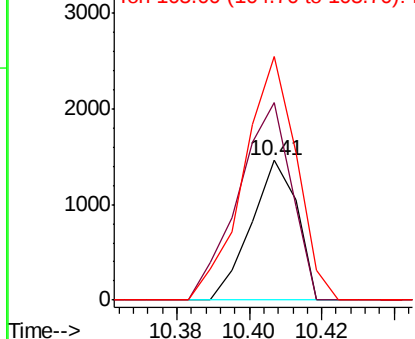


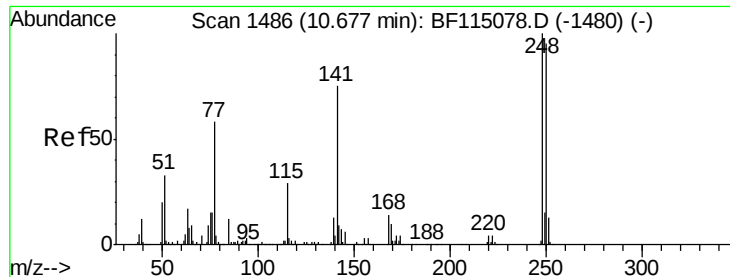
#65
4,6-Dinitro-2-methylphenol
Concen: 5.196 ng
RT: 10.41 min Scan# 1440
Delta R.T. 0.19 min
Lab File: BF115273.D
Acq: 28 Jun 2019 11:35

Tgt Ion	Ratio	Lower	Upper
198	100		
51	141.8	11.0	51.0#
105	174.3	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

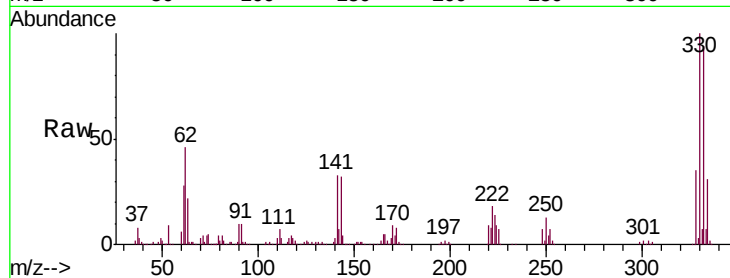




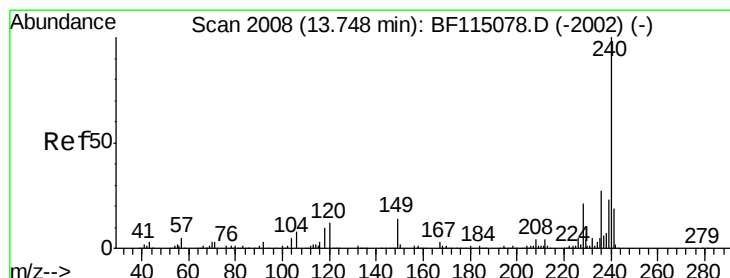
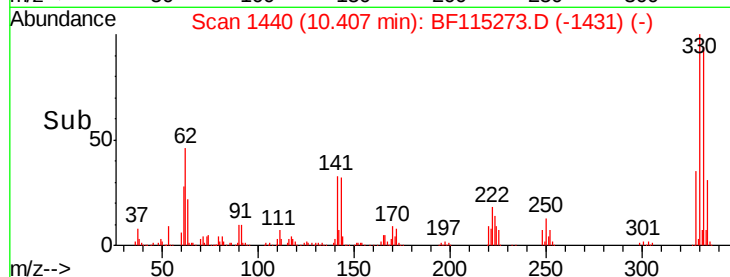
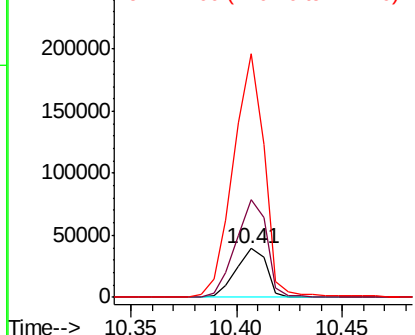
#67
4-Bromophenyl-phenylether
Concen: 4.034 ng
RT: 10.41 min Scan# 1440
Delta R.T. -0.25 min
Lab File: BF115273.D
Acq: 28 Jun 2019 11:35

Instrument :
BNA_F
ClientSampleId :
PB120961BL

Tgt Ion:248 Resp: 40251
Ion Ratio Lower Upper
248 100
250 198.3 76.2 114.2#
141 496.9 59.6 89.4#

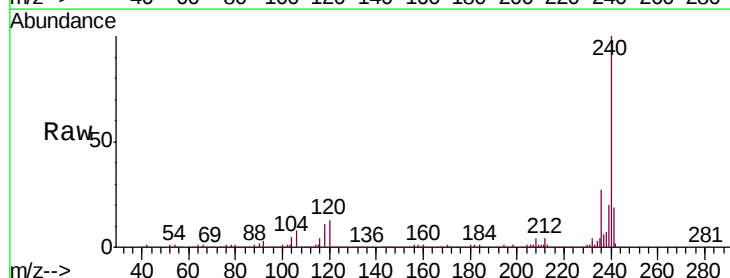


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

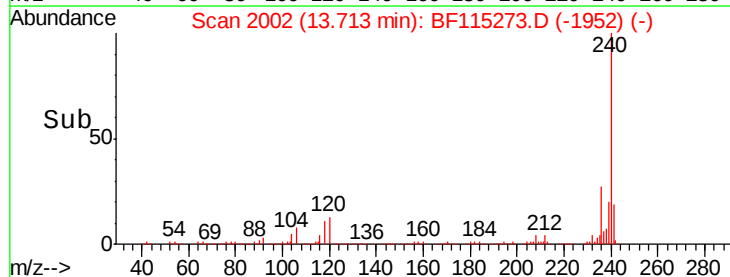
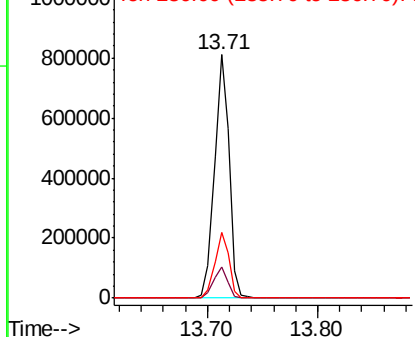


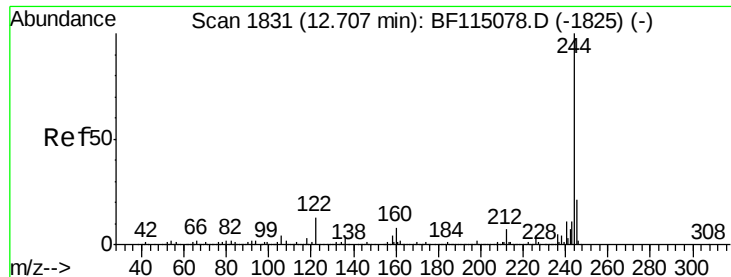
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.71 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF115273.D
Acq: 28 Jun 2019 11:35

Tgt Ion:240 Resp: 736970
Ion Ratio Lower Upper
240 100
120 12.5 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: 82.138 ng

RT: 12.68 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF115273.D

Acq: 28 Jun 2019 11:35

Instrument :

BNA_F

ClientSampleId :

PB120961BL

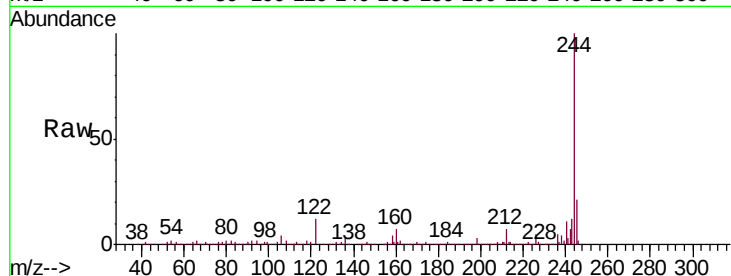
Tgt Ion:244 Resp: 2847087

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

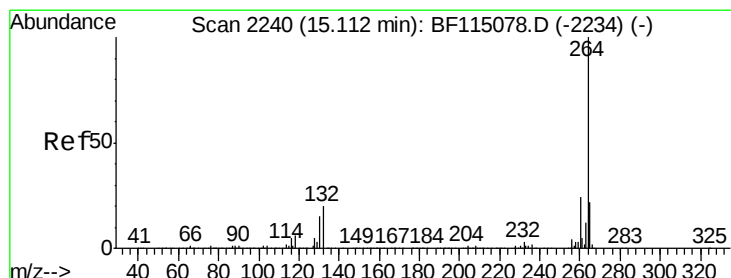
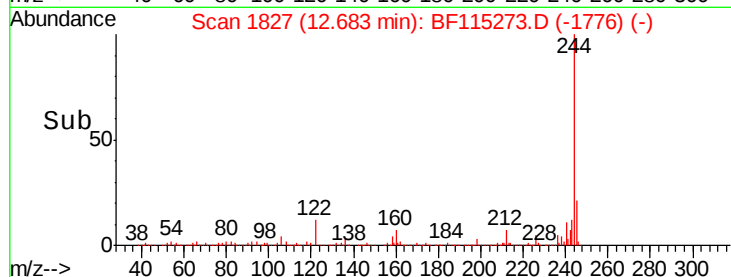
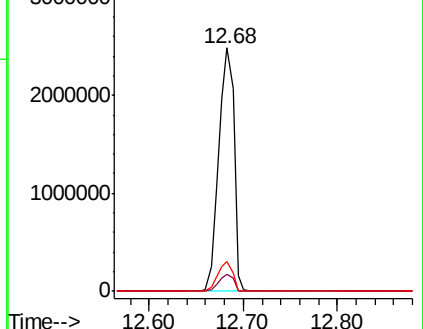
122 12.2 10.4 15.6



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# 2234

Delta R.T. -0.01 min

Lab File: BF115273.D

Acq: 28 Jun 2019 11:35

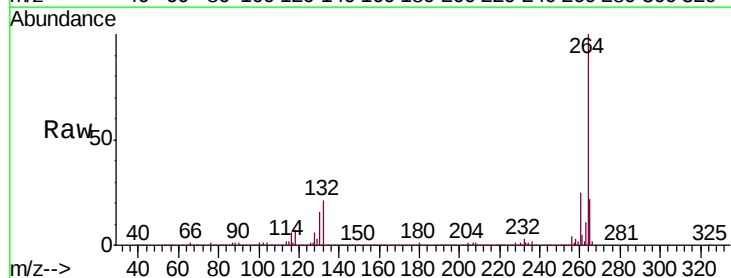
Tgt Ion:264 Resp: 771302

Ion Ratio Lower Upper

264 100

260 24.7 19.6 29.4

265 22.1 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

