

Data File : BF116318.D
Acq On : 16 Aug 2019 13:20
Operator : HP/JU
Sample : K4340-01RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LS-SAMPLE-1

Quant Time: Aug 17 03:07:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

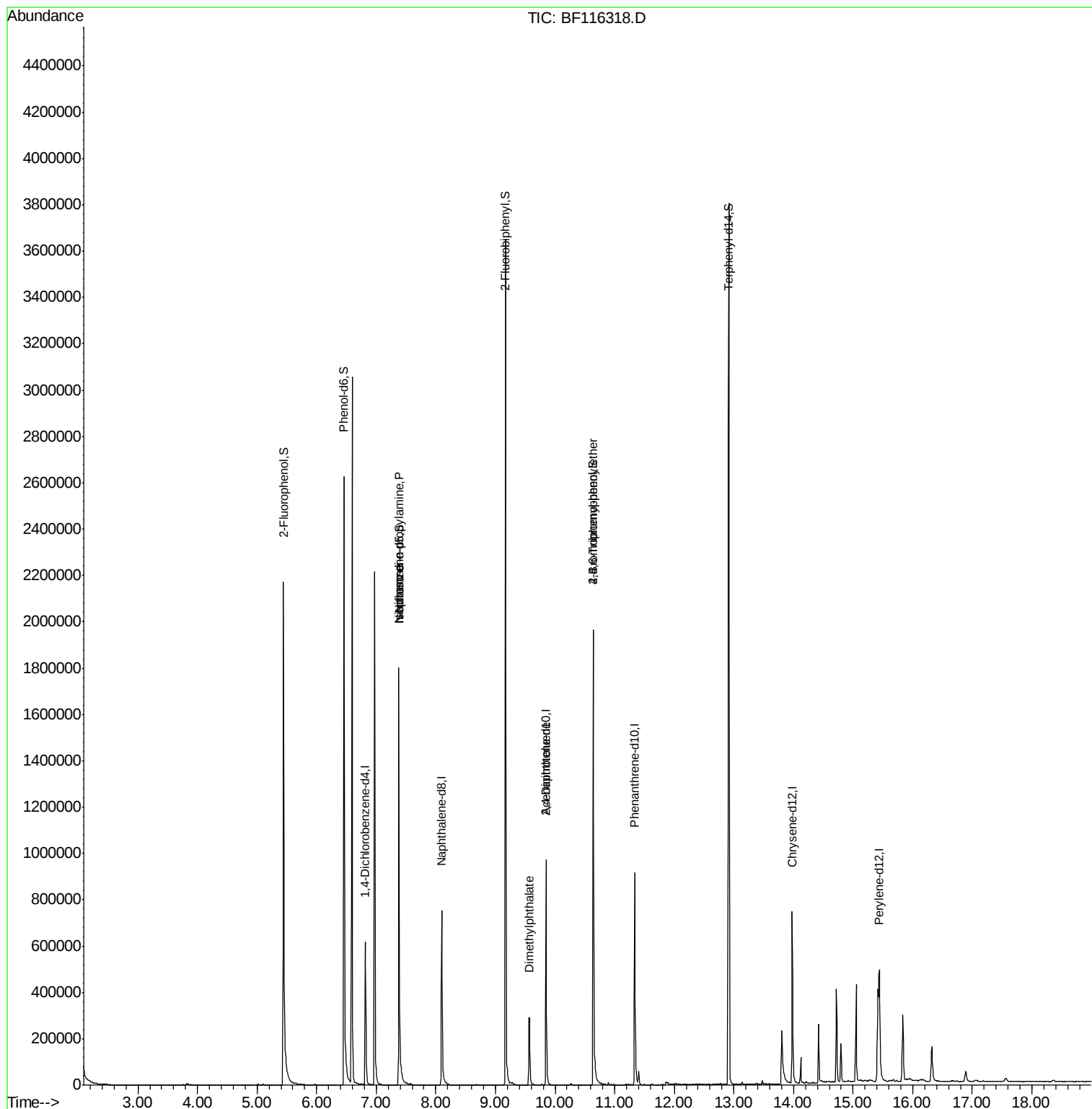
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	104143	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	400666	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	218327	20.00	ng	-0.04
64) Phenanthrene-d10	11.33	188	408949	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	294986	20.00	ng	-0.03
87) Perylene-d12	15.44	264	283316	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	814545	130.94	ng	-0.02
7) Phenol-d6	6.46	99	1034494	131.80	ng	-0.03
23) Nitrobenzene-d5	7.38	82	661142	95.25	ng	-0.04
42) 2,4,6-Tribromophenol	10.64	330	277409	131.05	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	1121064	96.18	ng	-0.04
79) Terphenyl-d14	12.92	244	1325462	94.68	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	85369	17.552	ng	# 79
25) Isophorone	7.38	82	661288	49.824	ng	# 65
50) Dimethylphthalate	9.57	163	167870	11.293	ng	99
57) 2,4-Dinitrotoluene	9.85	165	26883	6.250	ng	# 20
67) 4-Bromophenyl-phenylether	10.64	248	16140	3.687	ng	# 1

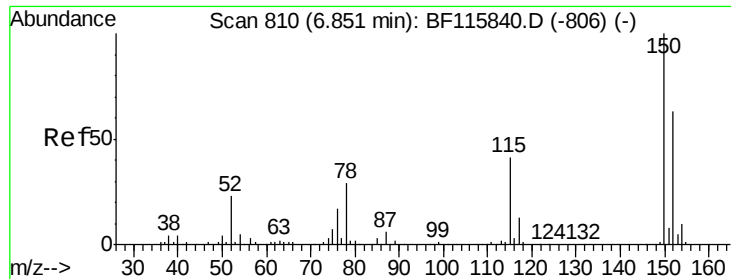
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.03 min

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Instrument :

BNA_F

ClientSampleId :

LS-SAMPLE-1

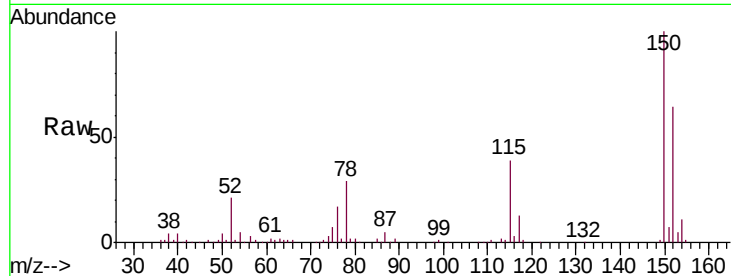
Tgt Ion:152 Resp: 104143

Ion Ratio Lower Upper

152 100

150 155.4 126.2 189.2

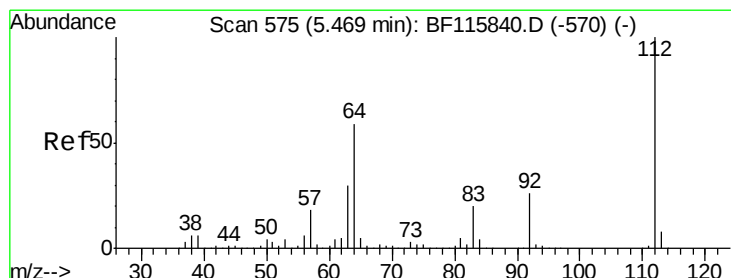
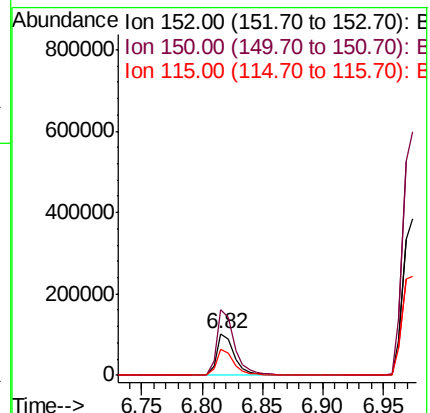
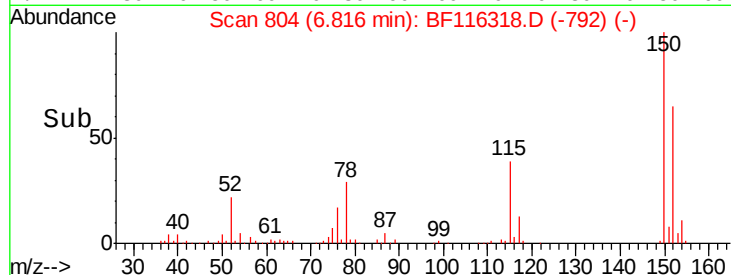
115 61.0 49.9 74.9



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: 130.935 ng

RT: 5.45 min Scan# 571

Delta R.T. -0.02 min

Lab File: BF116318.D

Acq: 16 Aug 2019 13:20

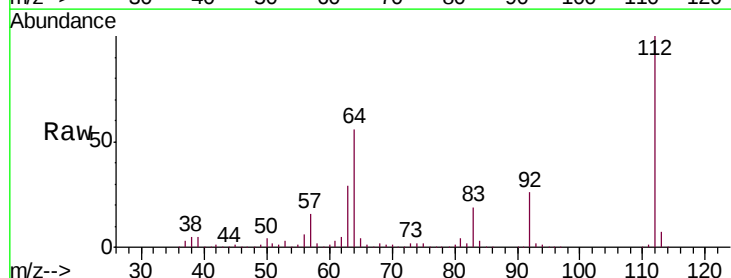
Tgt Ion:112 Resp: 814545

Ion Ratio Lower Upper

112 100

64 56.1 45.4 68.2

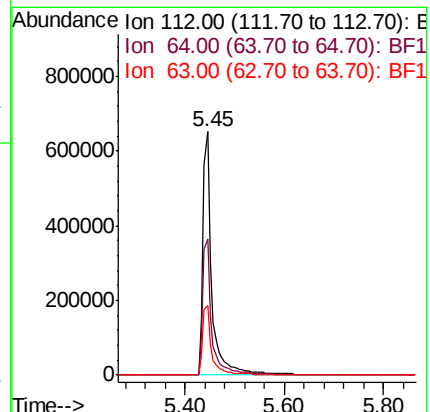
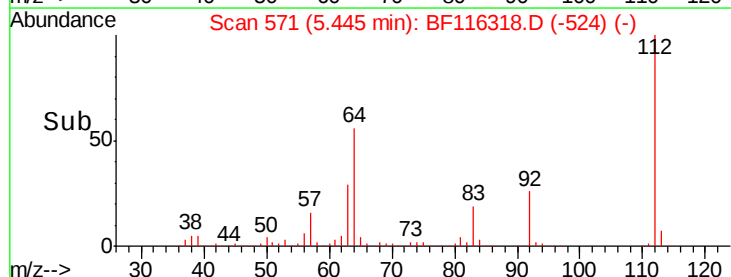
63 28.7 23.7 35.5

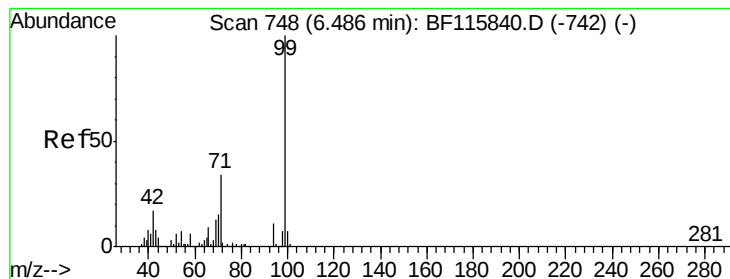


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 131.802 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.03 min

Lab File: BF116318.D

Acq: 16 Aug 2019 13:20

Instrument :

BNA_F

ClientSampleId :

LS-SAMPLE-1

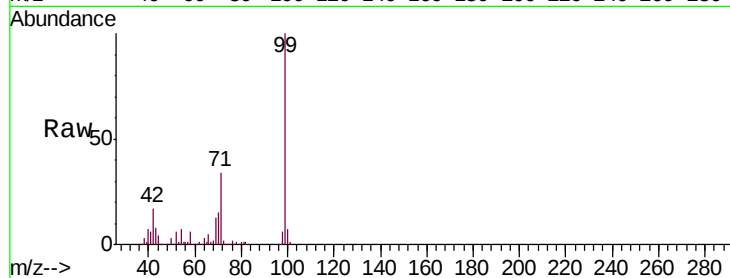
Tgt Ion: 99 Resp: 1034494

Ion Ratio Lower Upper

99 100

42 16.9 13.8 20.8

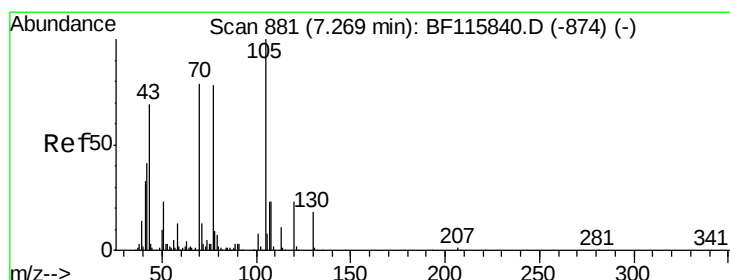
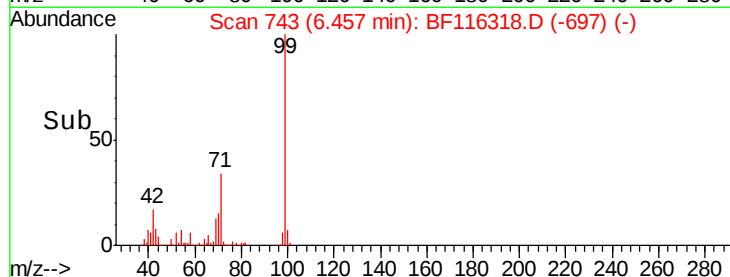
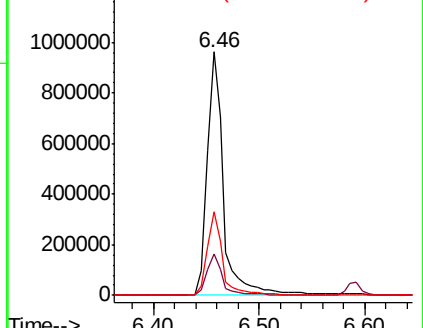
71 34.3 27.3 40.9



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: 17.552 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.11 min

Lab File: BF116318.D

Acq: 16 Aug 2019 13:20

Tgt Ion: 70 Resp: 85369

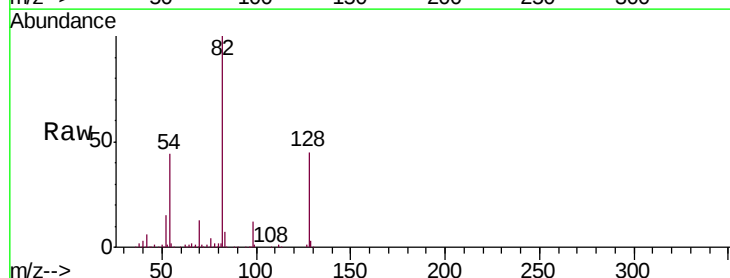
Ion Ratio Lower Upper

70 100

42 43.0 40.9 61.3

101 0.0 7.9 11.9#

130 2.4 16.9 25.3#

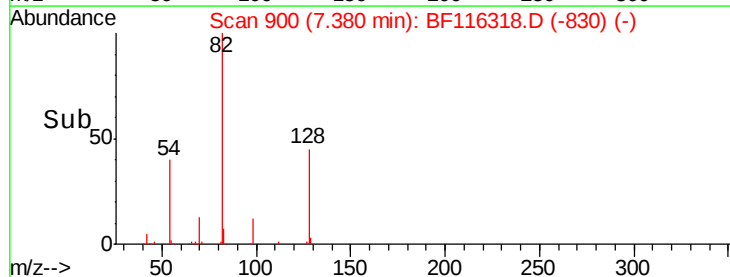
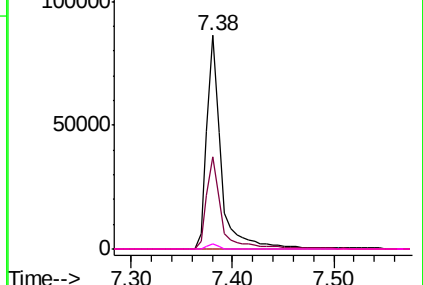


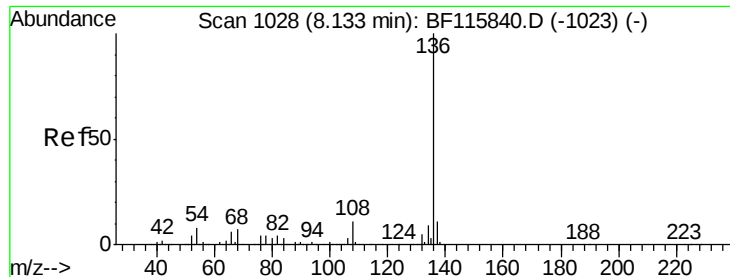
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF116318.D

Acq: 16 Aug 2019 13:20

Instrument :

BNA_F

ClientSampleId :

LS-SAMPLE-1

Tgt Ion:136 Resp: 400666

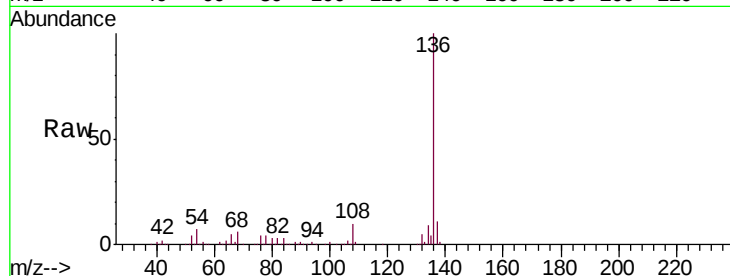
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 7.2 5.8 8.6

68 6.3 5.2 7.8

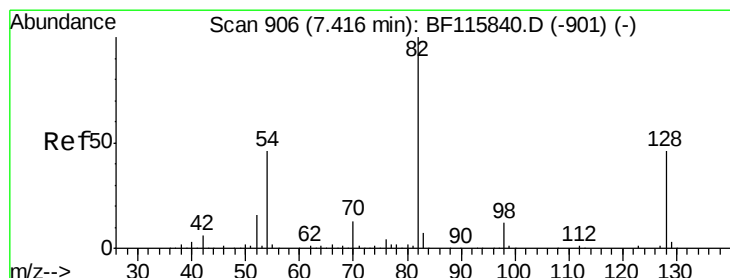
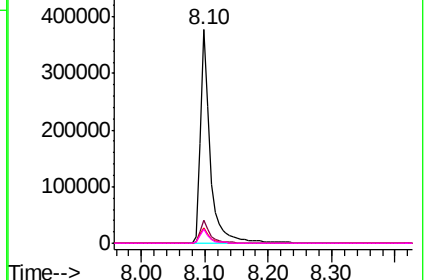
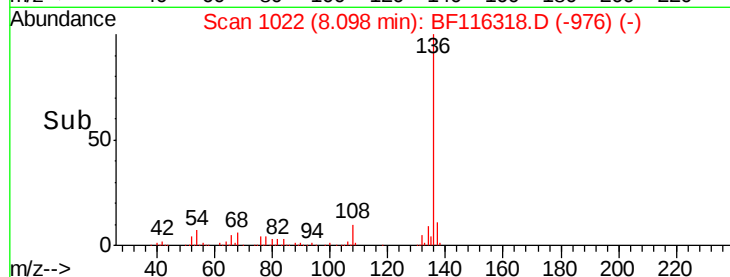


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.249 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.04 min

Lab File: BF116318.D

Acq: 16 Aug 2019 13:20

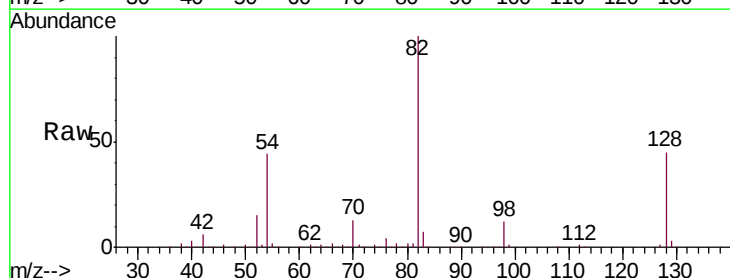
Tgt Ion: 82 Resp: 661142

Ion Ratio Lower Upper

82 100

128 44.7 36.5 54.7

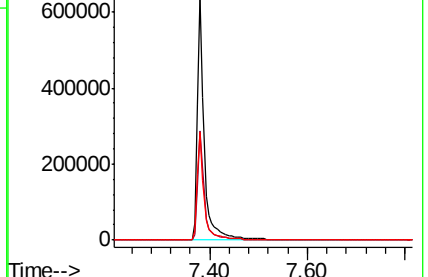
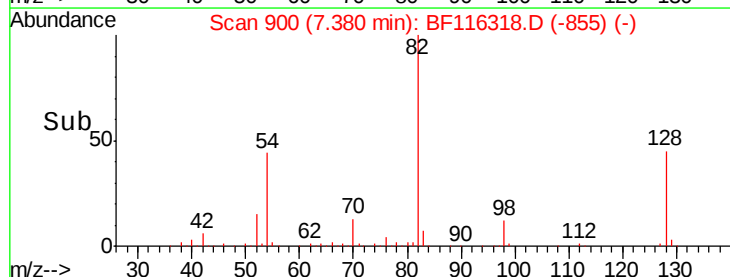
54 44.4 36.0 54.0

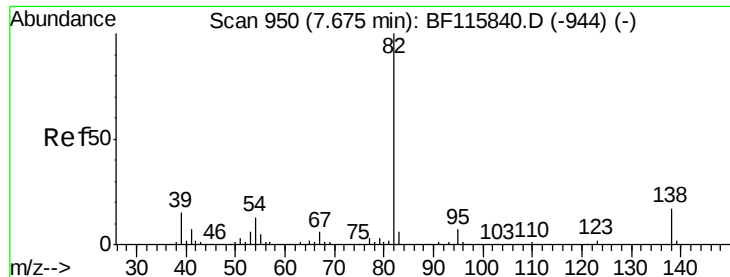


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 49.824 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.29 min

Lab File: BF116318.D

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LS-SAMPLE-1

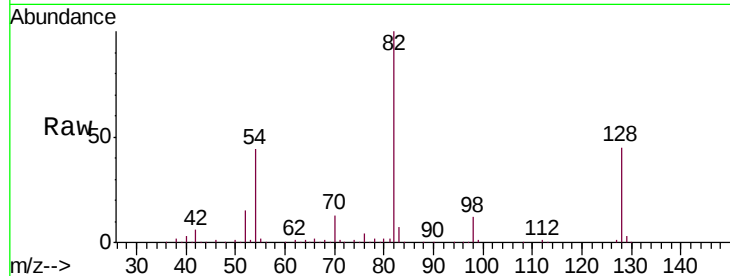
Tgt Ion: 82 Resp: 661288

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

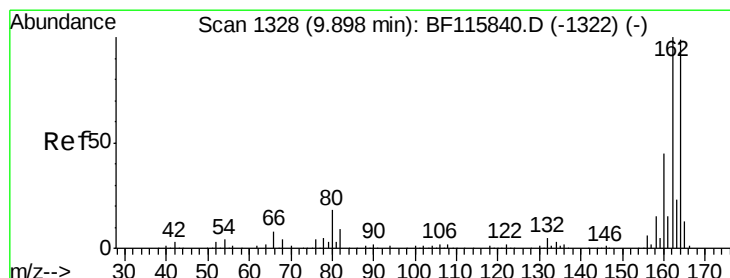
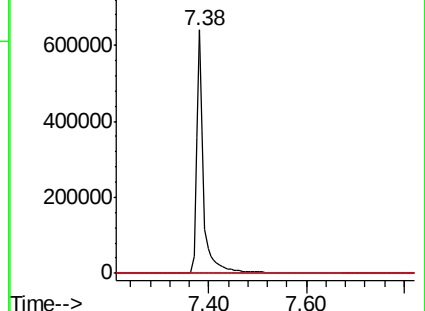
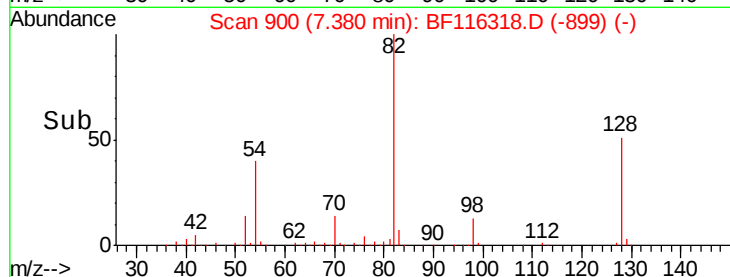
138 0.0 14.5 21.7#



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: 9.85 min Scan# 1319

Delta R.T. -0.04 min

Lab File: BF116318.D

Acq: 16 Aug 2019 13:20

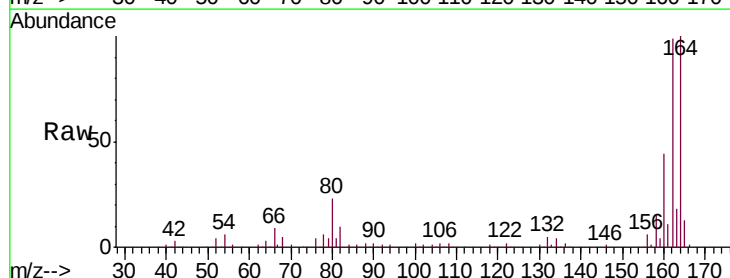
Tgt Ion: 164 Resp: 218327

Ion Ratio Lower Upper

164 100

162 98.8 82.6 124.0

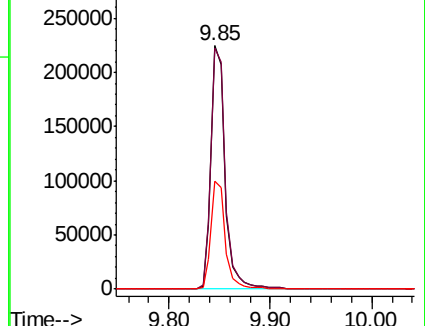
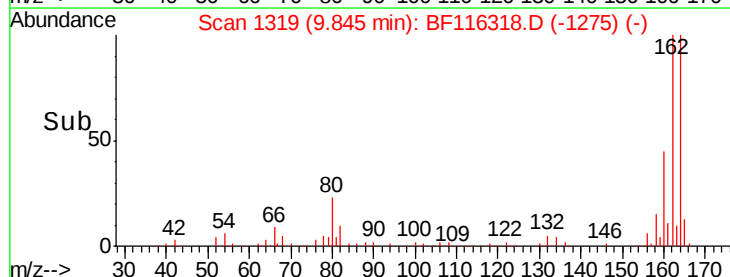
160 44.2 37.6 56.4

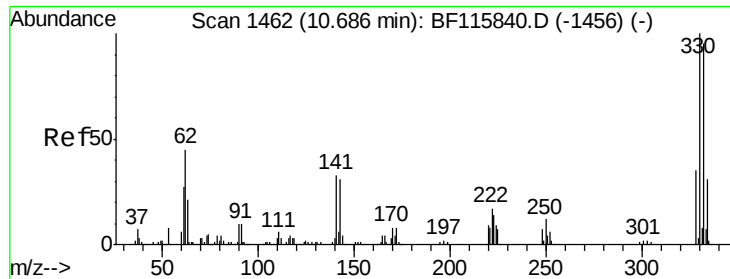


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

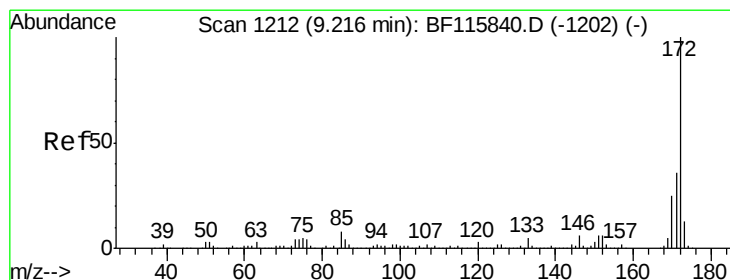
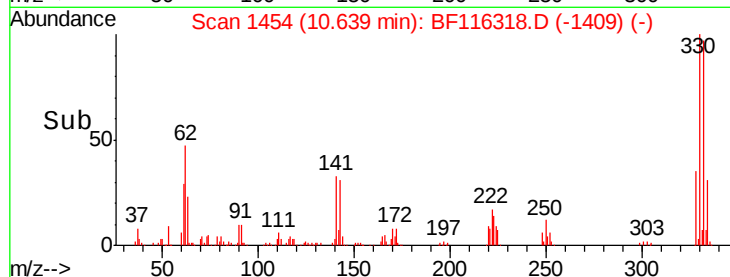
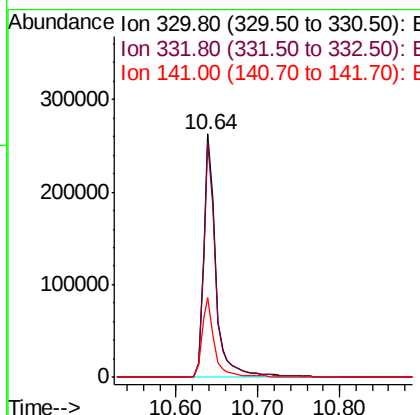
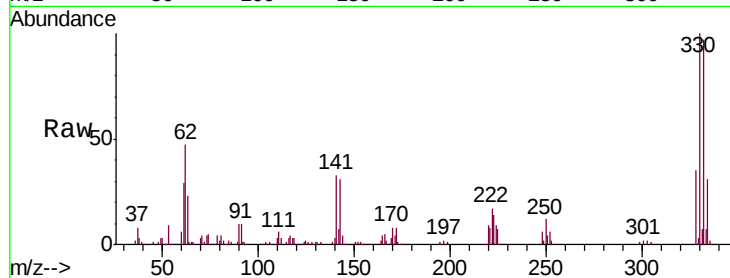




#42
 2,4,6-Tribromophenol
 Concen: 131.055 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.04 min
 Lab File: BF116318.D
 Acq: 16 Aug 2019 13:20

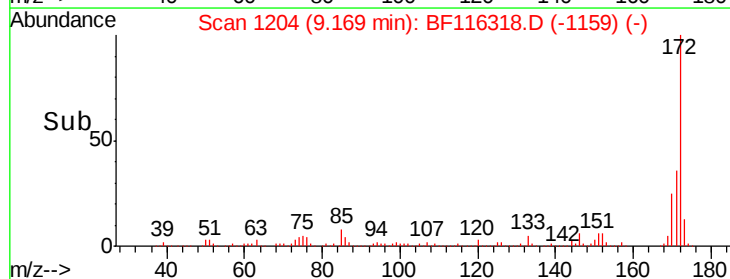
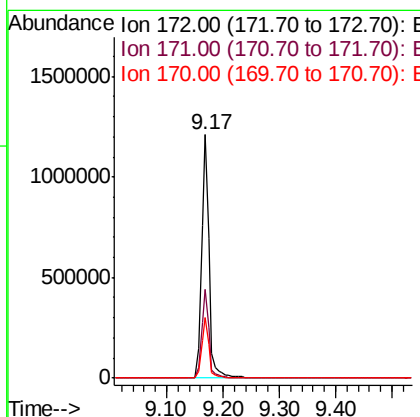
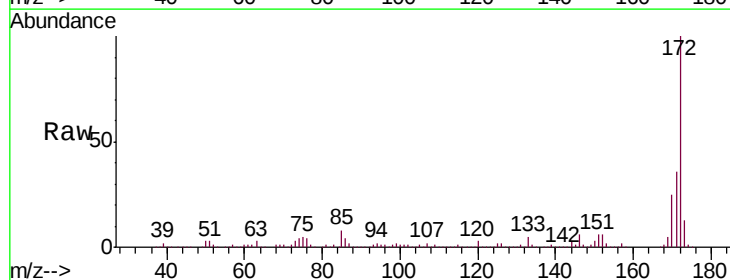
Instrument :
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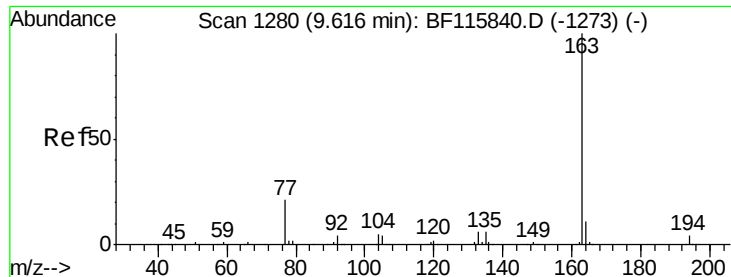
Tgt Ion:330 Resp: 277409
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.8 115.2
 141 33.9 26.3 39.5



#45
 2-Fluorobiphenyl
 Concen: 96.178 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.04 min
 Lab File: BF116318.D
 Acq: 16 Aug 2019 13:20

Tgt Ion:172 Resp: 1121064
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.8 20.1 30.1

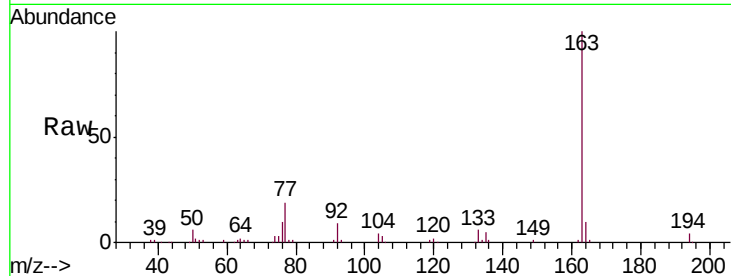




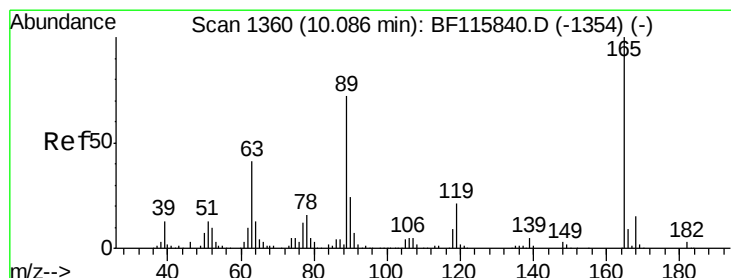
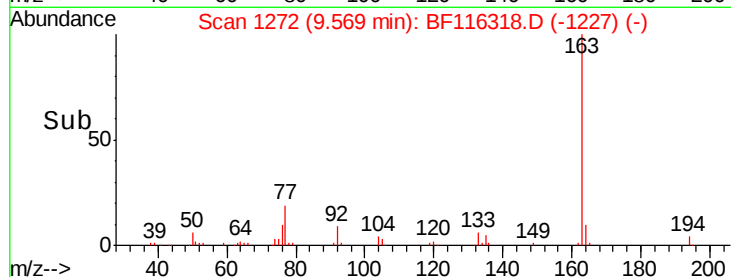
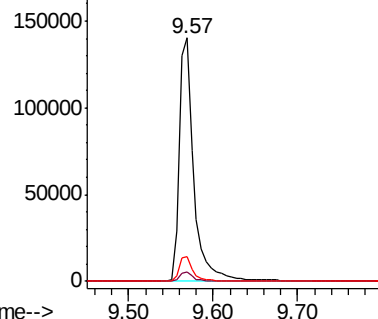
#50
Dimethylphthalate
Concen: 11.293 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.04 min
Lab File: BF116318.D
Acq: 16 Aug 2019 13:20

Instrument :
BNA_F
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Tgt Ion:163 Resp: 167870
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.0 8.4 12.6

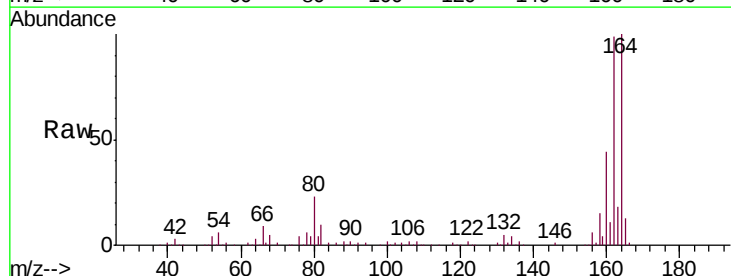


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

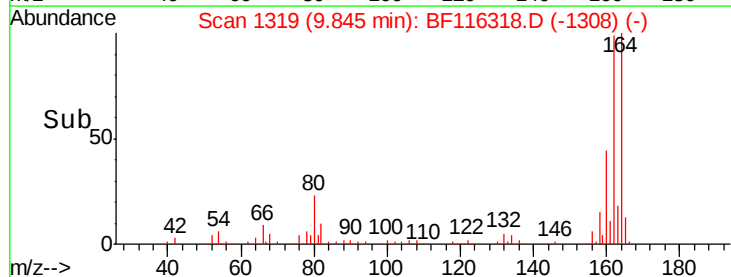
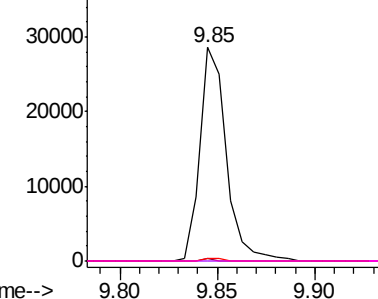


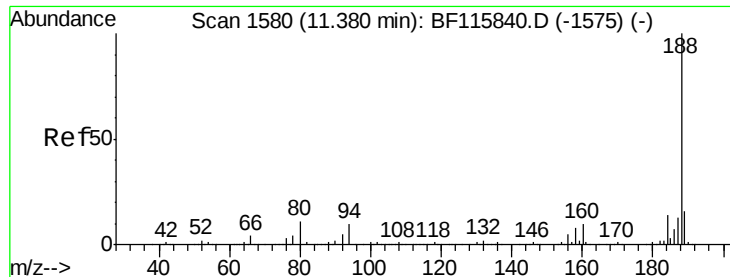
#57
2,4-Dinitrotoluene
Concen: 6.250 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.24 min
Lab File: BF116318.D
Acq: 16 Aug 2019 13:20

Tgt Ion:165 Resp: 26883
Ion Ratio Lower Upper
165 100
63 1.2 39.6 59.4#
89 1.4 62.2 93.2#
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

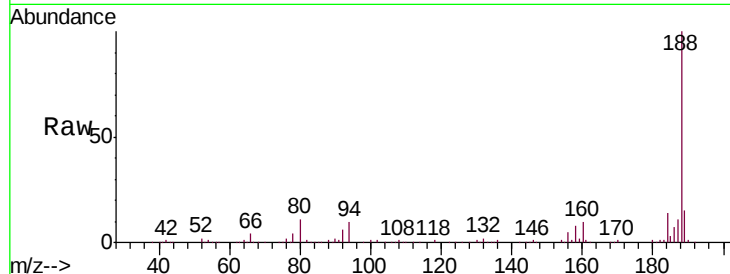




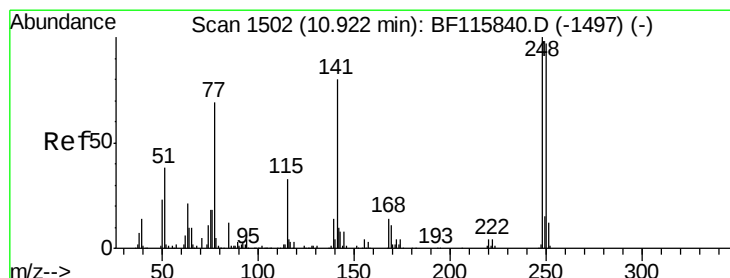
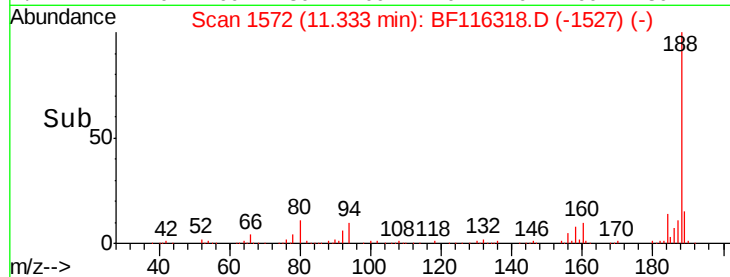
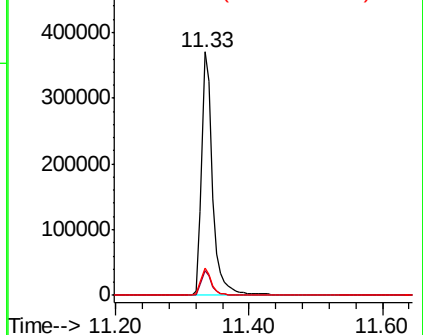
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.04 min
 Lab File: BF116318.D
 Acq: 16 Aug 2019 13:20

Instrument :
 BNA_F
 ClientSampleId :
 LS-SAMPLE-1

Tgt Ion:	188	Resp:	408949
Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.1	12.1
80	11.3	8.7	13.1

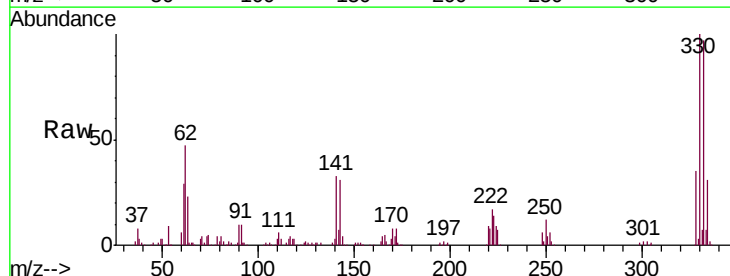


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

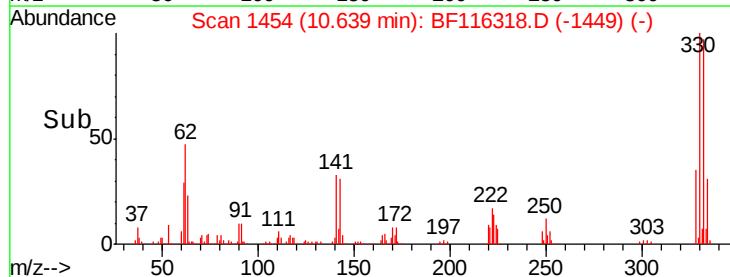
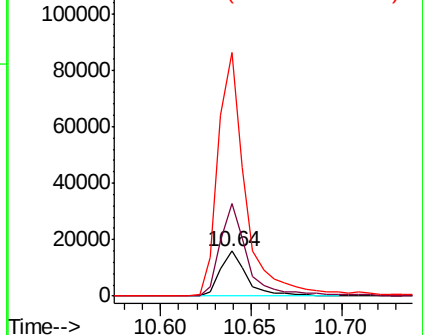


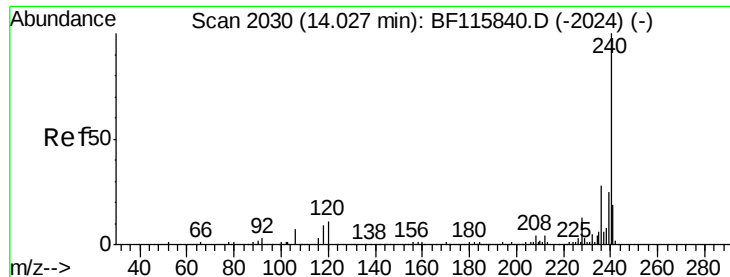
#67
 4-Bromophenyl-phenylether
 Concen: 3.687 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.27 min
 Lab File: BF116318.D
 Acq: 16 Aug 2019 13:20

Tgt Ion:	248	Resp:	16140
Ion	Ratio	Lower	Upper
248	100		
250	206.7	77.4	116.2#
141	543.8	56.8	85.2#



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

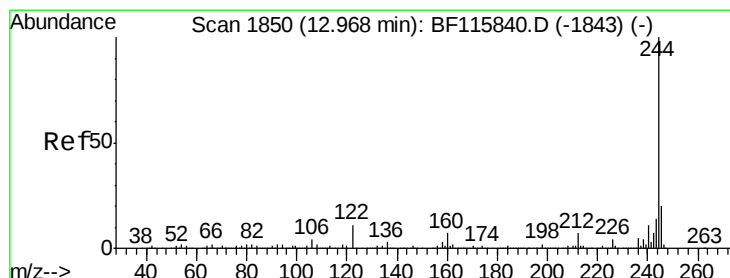
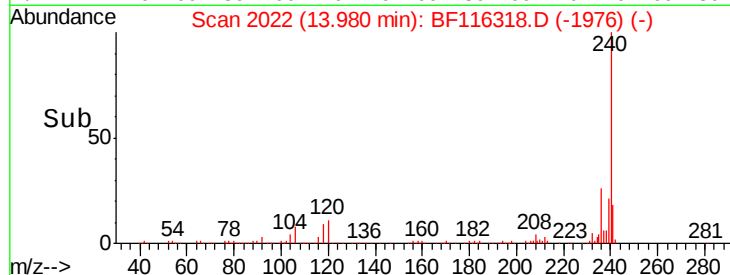
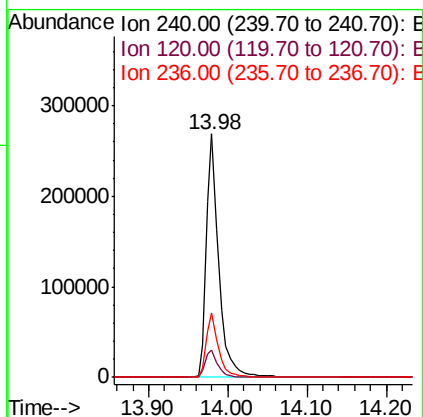
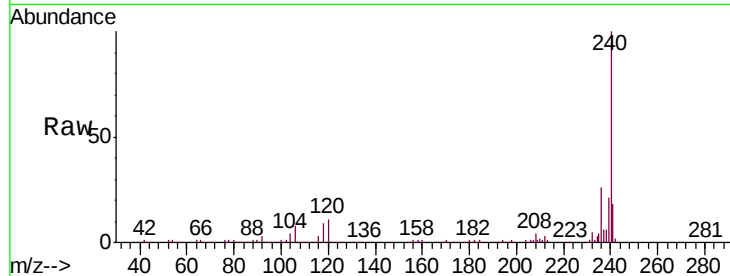




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.03 min
Lab File: BF116318.D
Acq: 16 Aug 2019 13:20

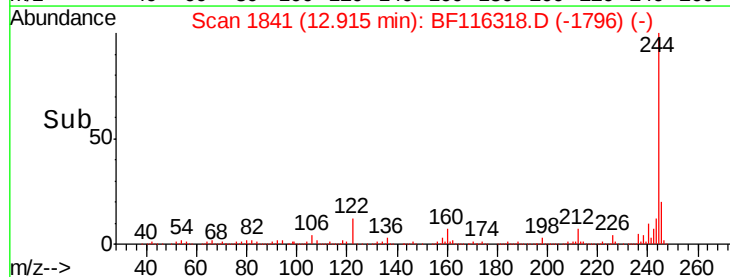
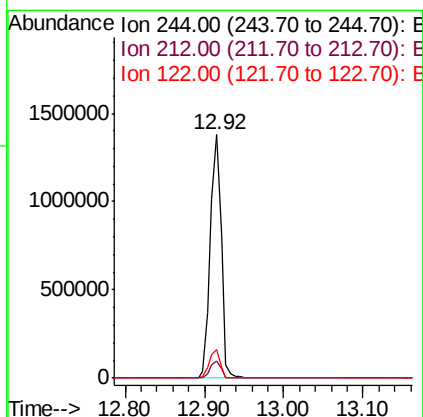
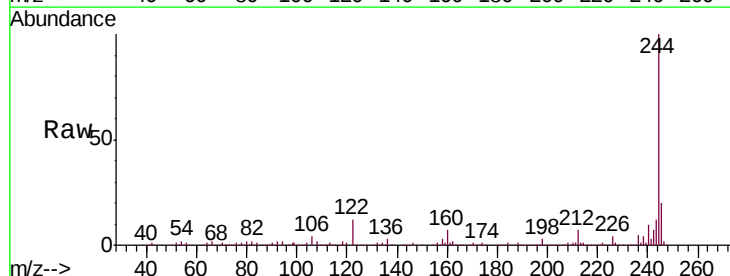
Instrument :
BNA_F
ClientSampleId :
LS-SAMPLE-1

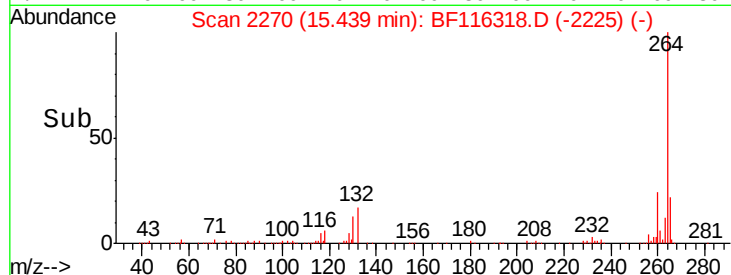
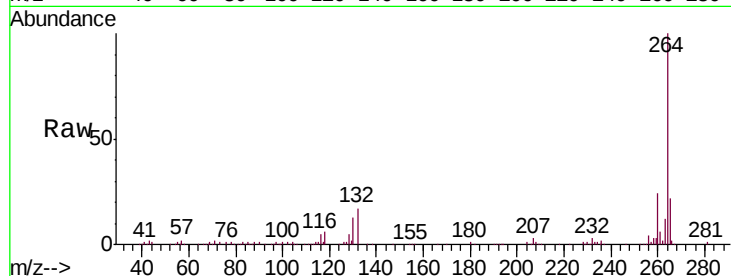
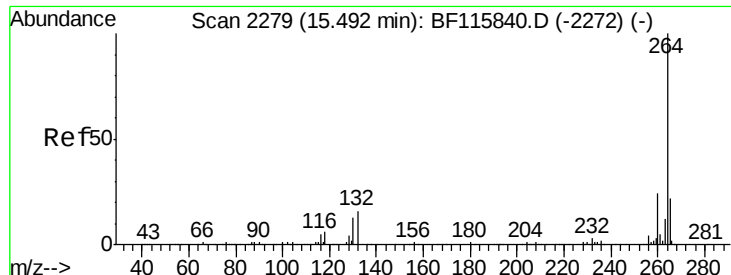
Tgt Ion:240 Resp: 294986
Ion Ratio Lower Upper
240 100
120 11.2 10.7 16.1
236 26.3 22.2 33.2



#79
Terphenyl-d14
Concen: 94.681 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.04 min
Lab File: BF116318.D
Acq: 16 Aug 2019 13:20

Tgt Ion:244 Resp: 1325462
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 11.8 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.04 min
Lab File: BF116318.D
Acq: 16 Aug 2019 13:20

Instrument :
BNA_F
ClientSampleId :
LS-SAMPLE-1

Tgt Ion:	264	Resp:	283316
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.7	29.5
265	22.2	17.4	26.0

