

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116206.D
 Acq On : 12 Aug 2019 23:14
 Operator : HP/JU
 Sample : K4152-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2S-H1-H4-COMP-(0-1)

Quant Time: Aug 13 01:09:24 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

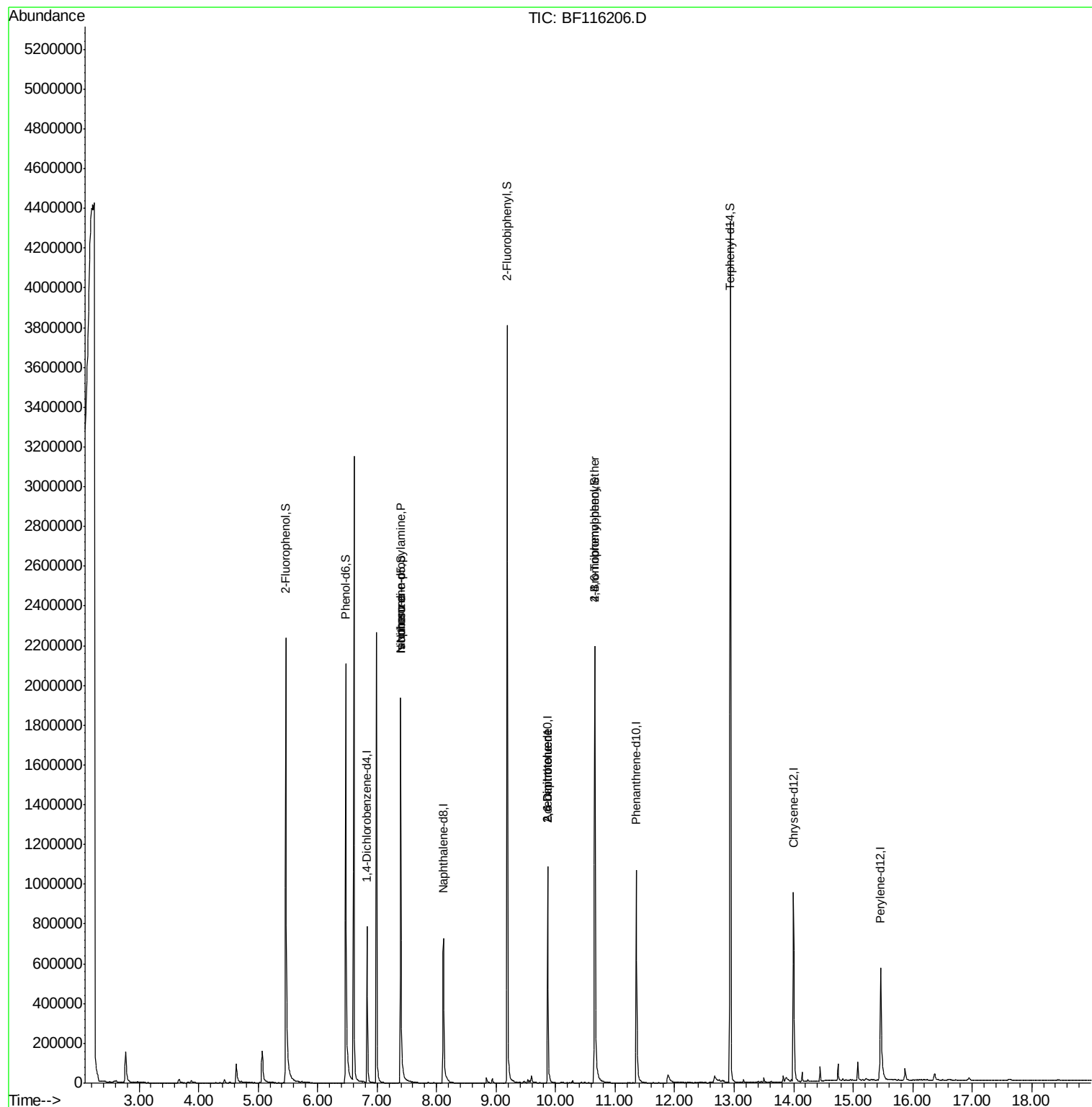
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	116205	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	458493	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	246113	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	472423	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	384325	20.00	ng	-0.01
87) Perylene-d12	15.46	264	364896	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	821529	118.35	ng	0.00
7) Phenol-d6	6.47	99	963848	110.05	ng	-0.01
23) Nitrobenzene-d5	7.40	82	747475	94.11	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	343503	143.96	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1255110	95.52	ng	-0.02
79) Terphenyl-d14	12.94	244	1664488	91.26	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	97639	17.991	ng	# 79
25) Isophorone	7.40	82	748361	49.273	ng	# 65
51) 2,6-Dinitrotoluene	9.87	165	31643	8.689	ng	# 29
57) 2,4-Dinitrotoluene	9.87	165	31643	6.526	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	21063	4.165	ng	# 1

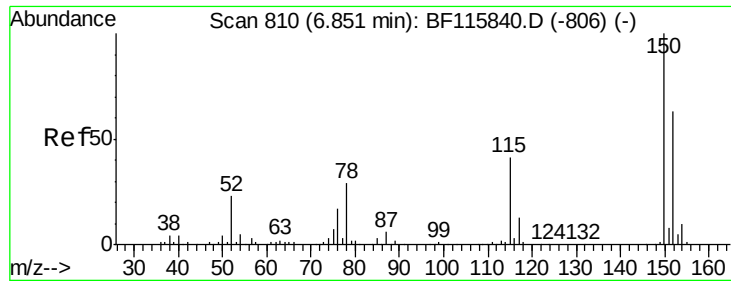
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 12 Sample Multiplier: 1

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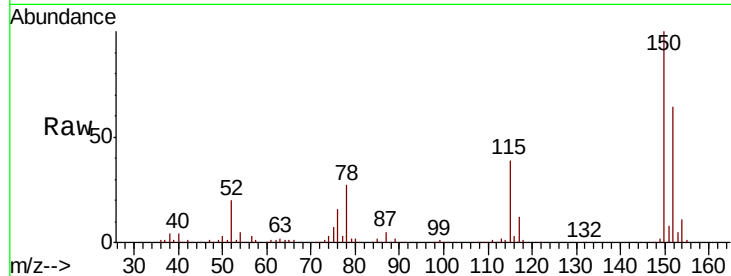


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116206.D
Acq: 12 Aug 2019 23:14

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.2	189.2
115	61.7	49.9	74.9

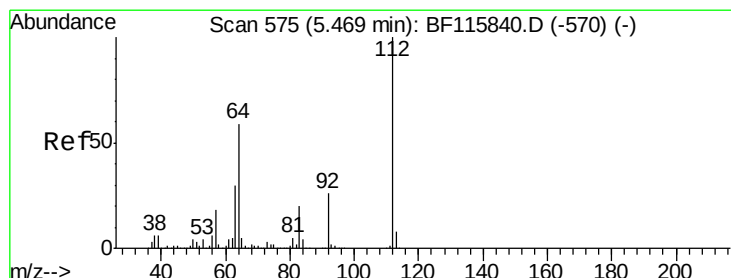
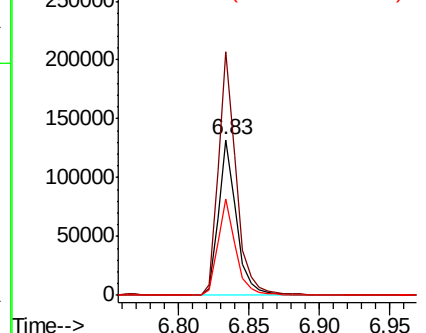
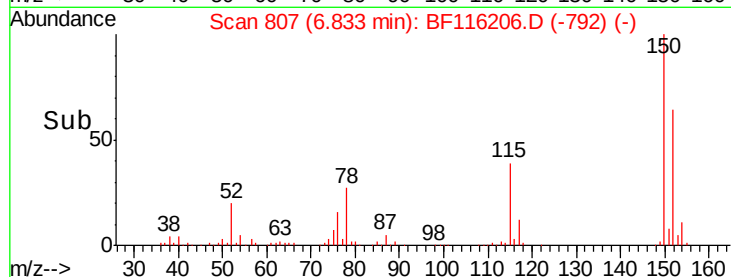


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

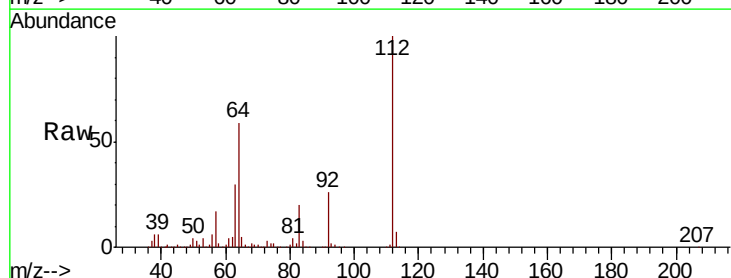
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 118.350 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116206.D
Acq: 12 Aug 2019 23:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	45.4	68.2
63	30.4	23.7	35.5

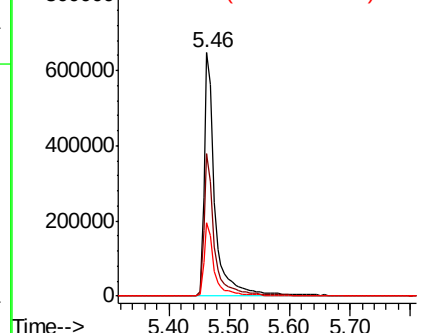
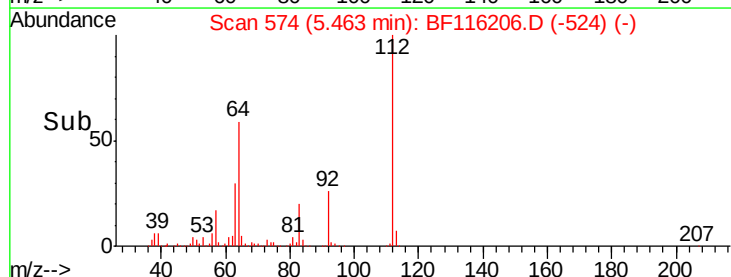


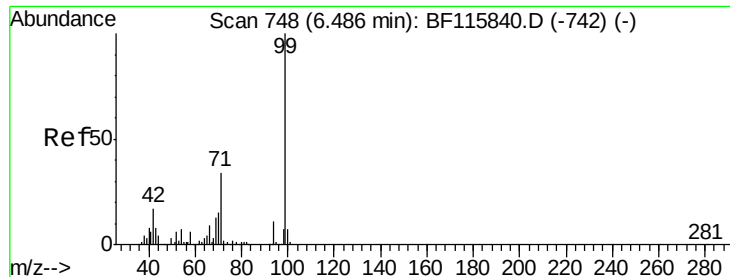
Abundance

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: 110.054 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116206.D

Acq: 12 Aug 2019 23:14

Instrument :

BNA_F

ClientSampleId :

2S-H1-H4-COMP-(0-1)

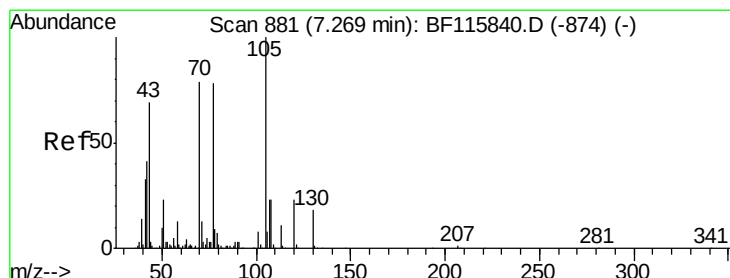
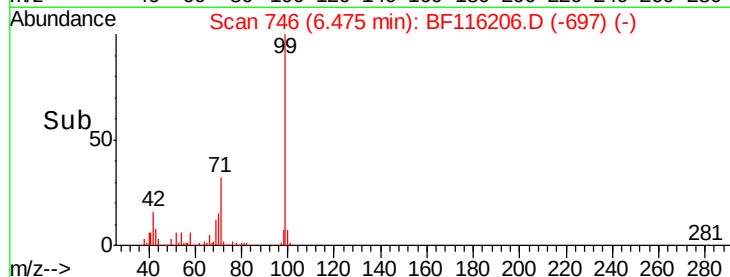
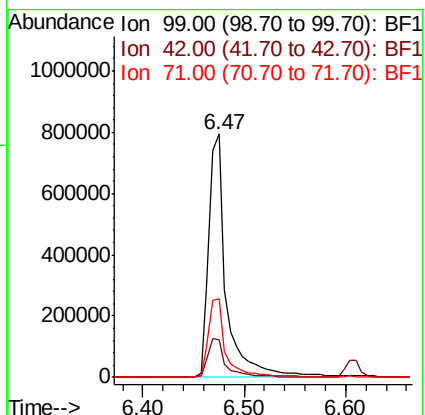
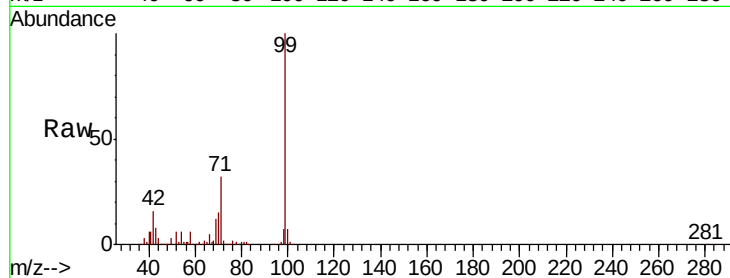
Tot Ion: 99 Resp: 963848

Ion Ratio Lower Upper

99 100

42 15.5 13.8 20.8

71 32.5 27.3 40.9



#19

n-Nitroso-di-n-propylamine

Concen: 17.991 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF116206.D

Acq: 12 Aug 2019 23:14

Tgt Ion: 70 Resp: 97639

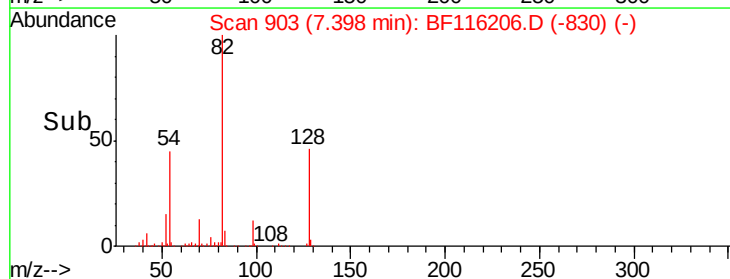
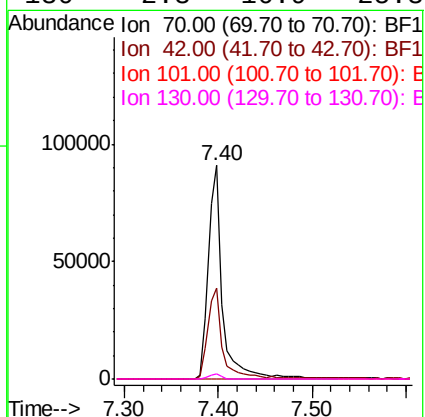
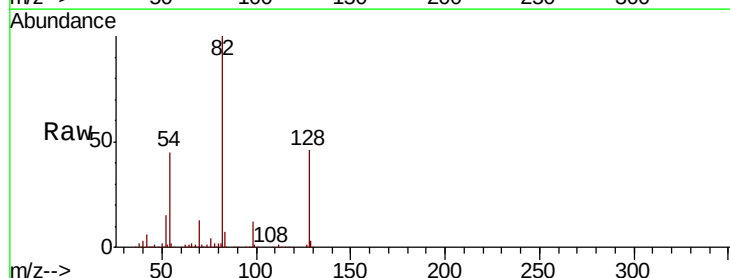
Ion Ratio Lower Upper

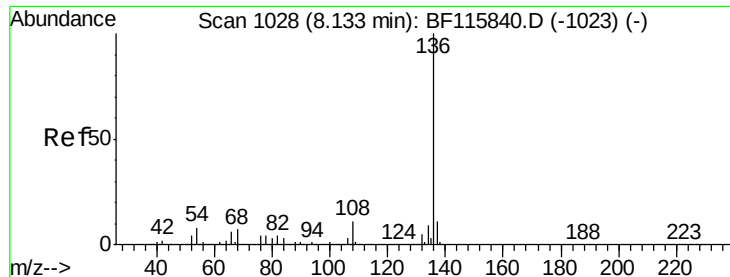
70 100

42 42.7 40.9 61.3

101 0.0 7.9 11.9#

130 2.3 16.9 25.3#

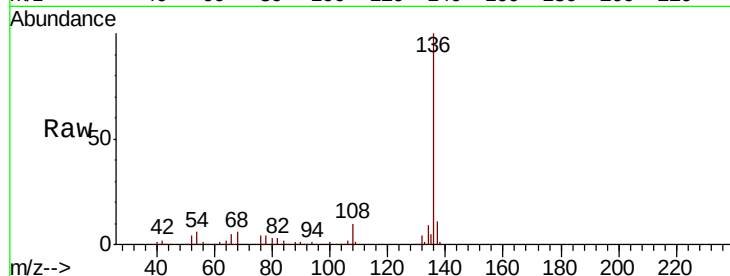




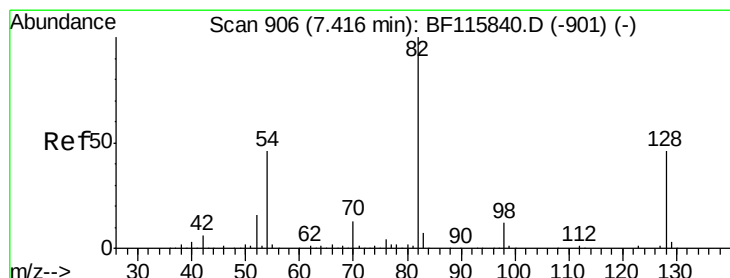
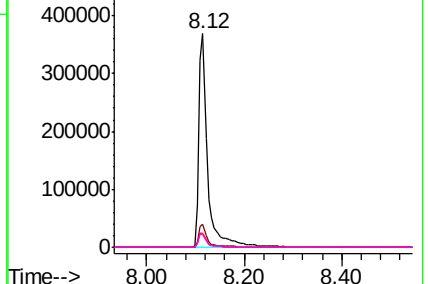
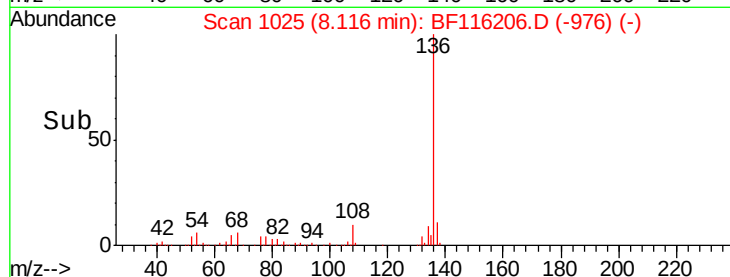
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116206.D
Acq: 12 Aug 2019 23:14

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)

Tot Ion:136	Resp:	458493	
Ion Ratio	Lower	Upper	
136 100			
137 10.6	9.0	13.4	
54 6.4	5.8	8.6	
68 5.9	5.2	7.8	

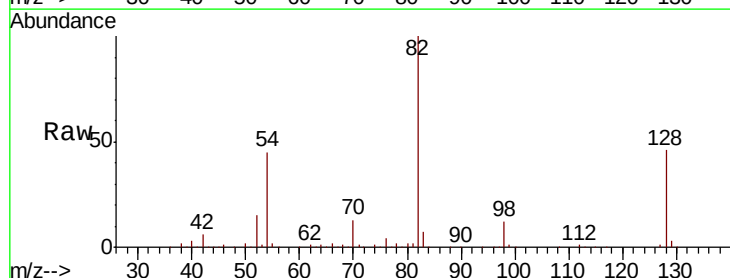


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

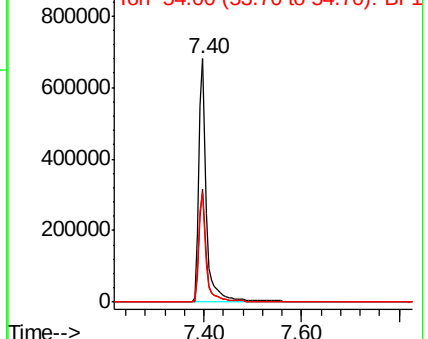
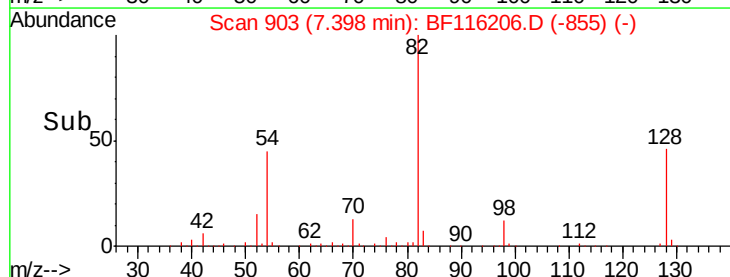


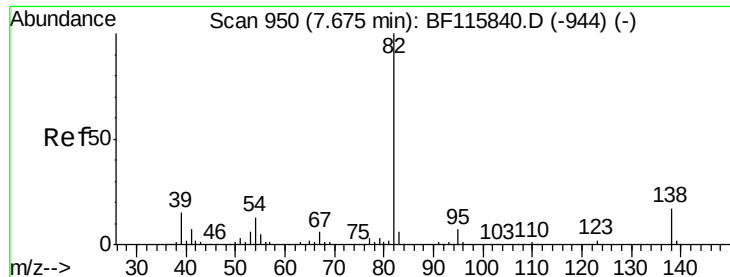
#23
Nitrobenzene-d5
Concen: 94.105 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116206.D
Acq: 12 Aug 2019 23:14

Tgt Ion: 82	Resp: 747475
Ion Ratio	Lower Upper
82 100	
128 46.5	36.5 54.7
54 44.7	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: 49.273 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.28 min

Lab File: BF116206.D

Acq: 12 Aug 2019 23:14

Instrument :

BNA_F

ClientSampleId :

2S-H1-H4-COMP-(0-1)

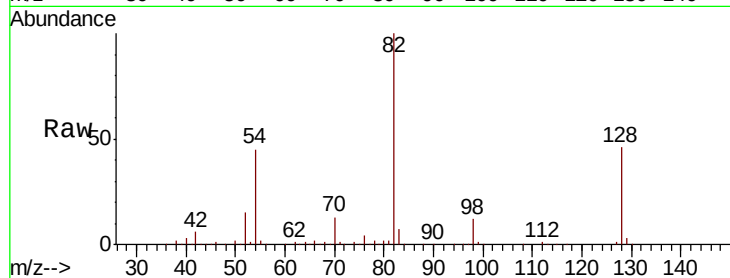
Tot Ion: 82 Resp: 748361

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

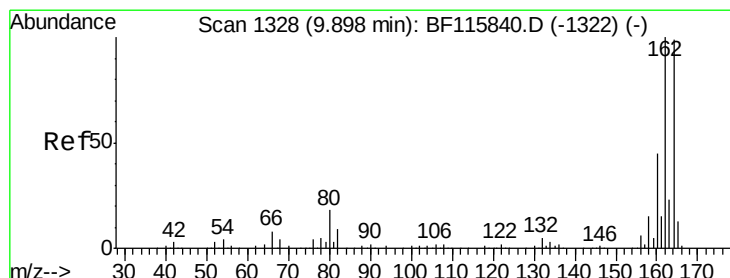
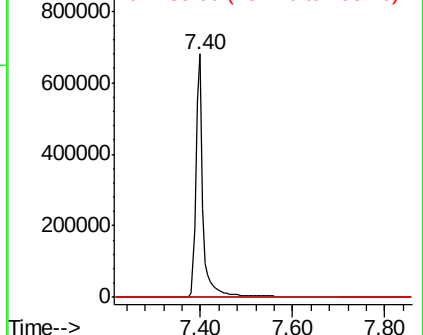
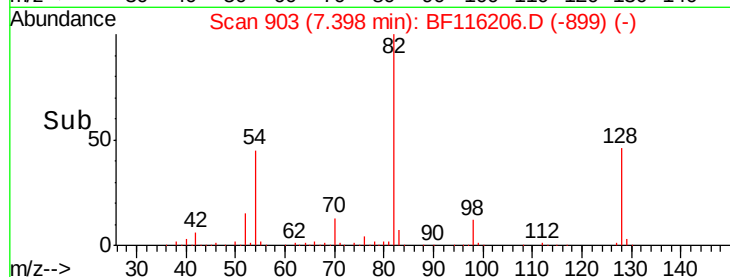
138 0.0 14.5 21.7#



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: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF116206.D

Acq: 12 Aug 2019 23:14

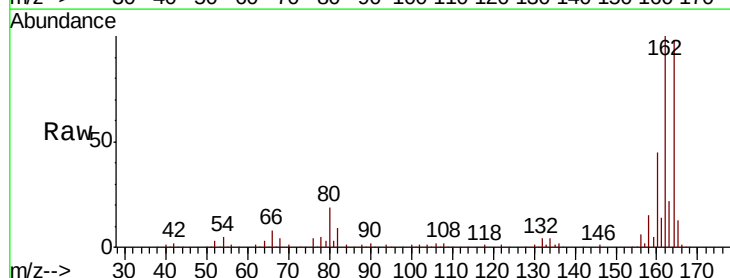
Tgt Ion: 164 Resp: 246113

Ion Ratio Lower Upper

164 100

162 101.6 82.6 124.0

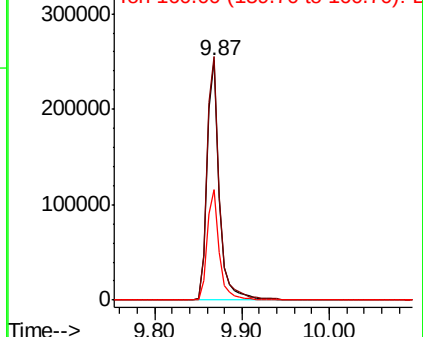
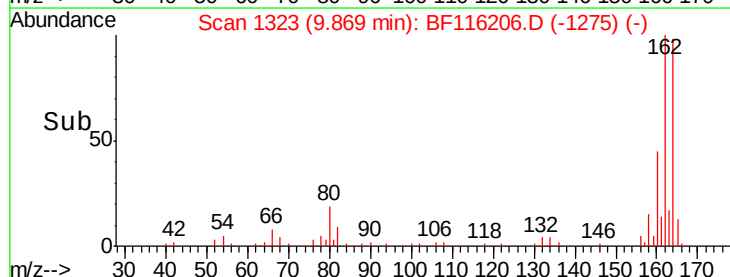
160 45.9 37.6 56.4

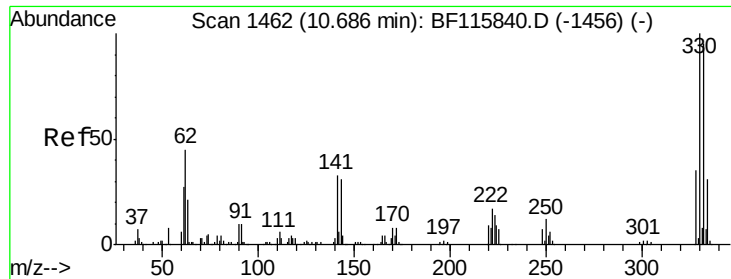


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 143.958 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116206.D

Acq: 12 Aug 2019 23:14

Instrument :

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ClientSampleId :

2S-H1-H4-COMP-(0-1)

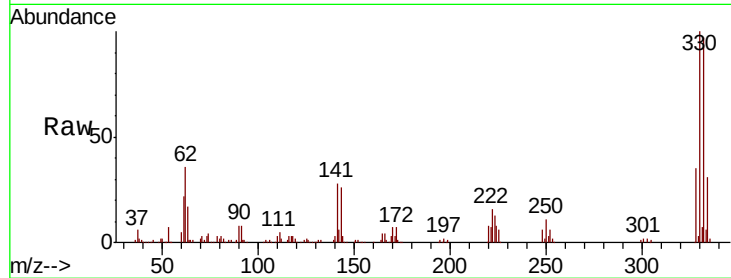
Tot Ion:330 Resp: 343503

Ion Ratio Lower Upper

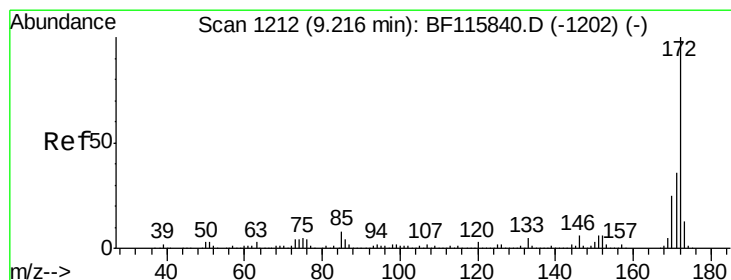
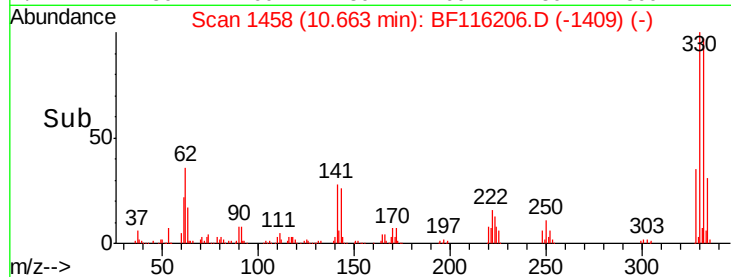
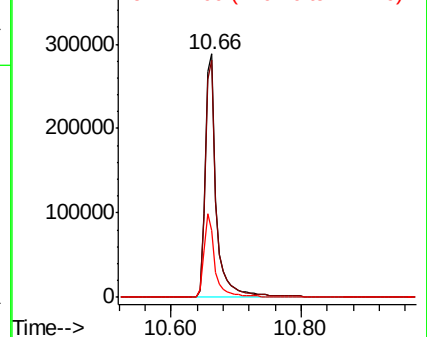
330 100

332 97.6 76.8 115.2

141 34.0 26.3 39.5



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: 95.522 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF116206.D

Acq: 12 Aug 2019 23:14

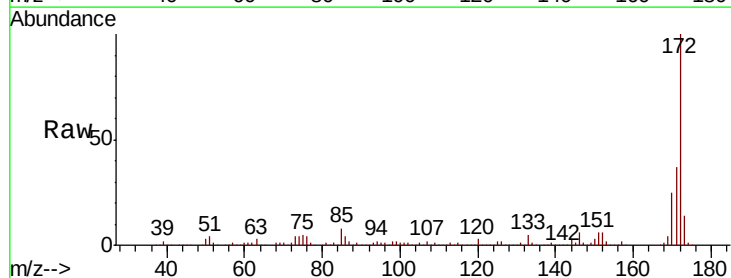
Tgt Ion:172 Resp: 1255110

Ion Ratio Lower Upper

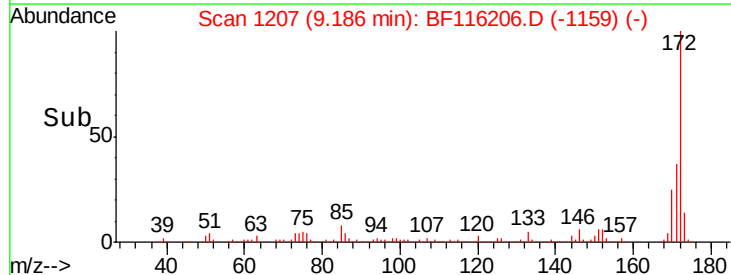
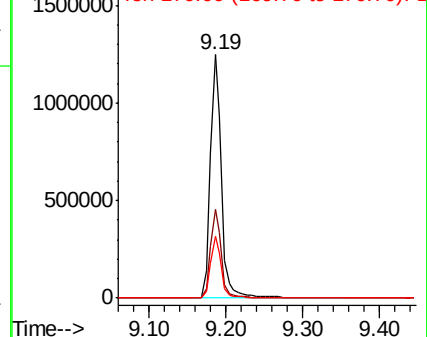
172 100

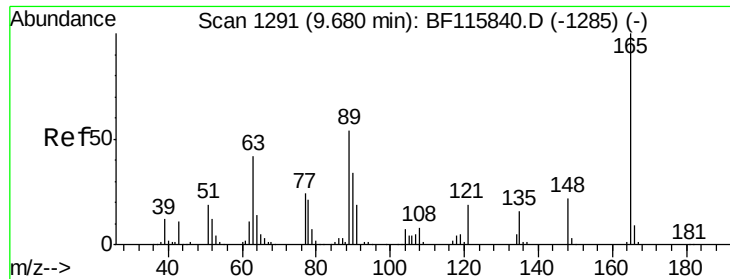
171 36.6 29.6 44.4

170 25.2 20.1 30.1



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

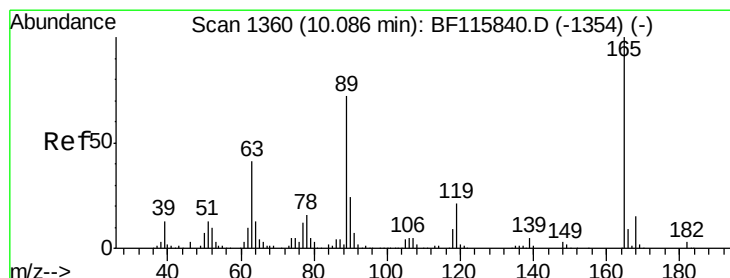
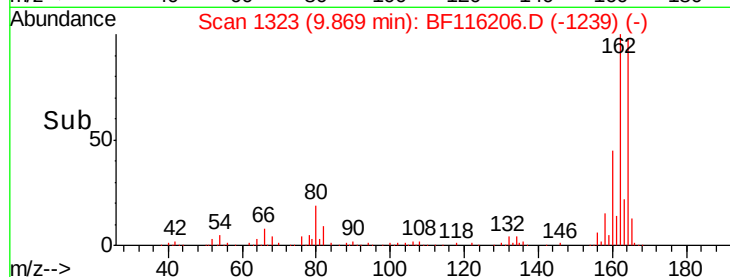
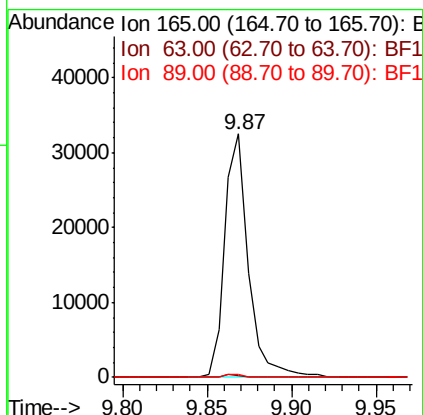
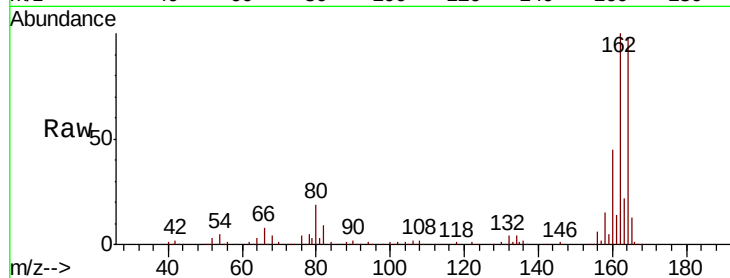




#51
 2,6-Dinitrotoluene
 Concen: 8.689 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.19 min
 Lab File: BF116206.D
 Acq: 12 Aug 2019 23:14

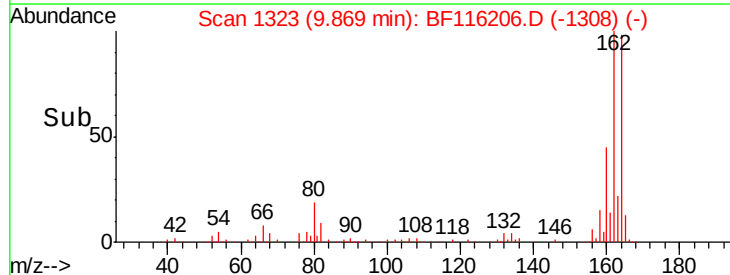
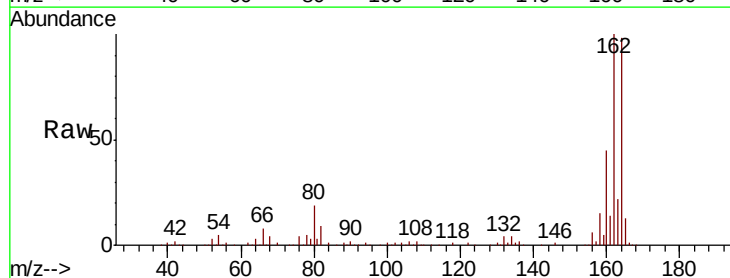
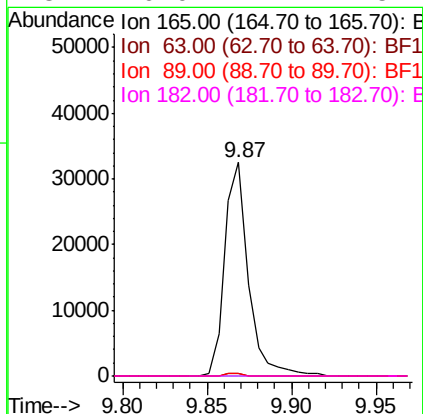
Instrument :
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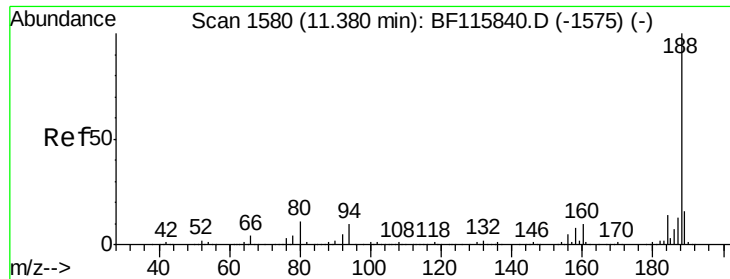
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	38.2	57.2#
89	1.3	42.9	64.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.526 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF116206.D
 Acq: 12 Aug 2019 23:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	39.6	59.4#
89	1.3	62.2	93.2#
182	0.0	2.1	3.1#

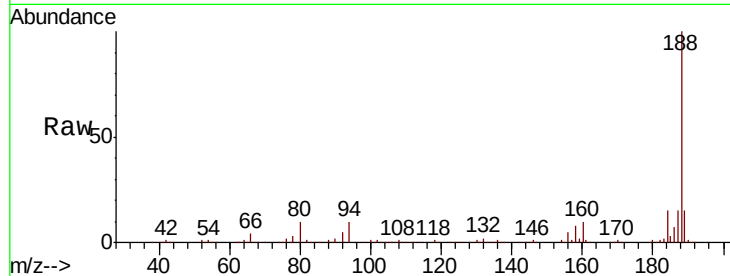




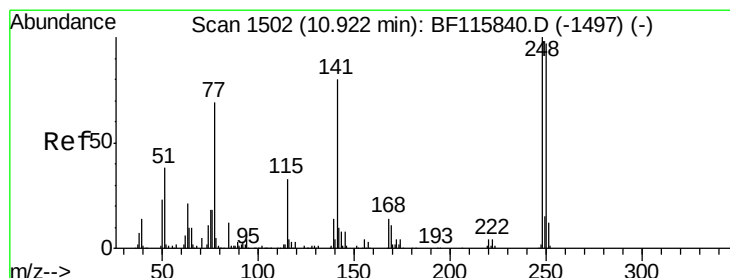
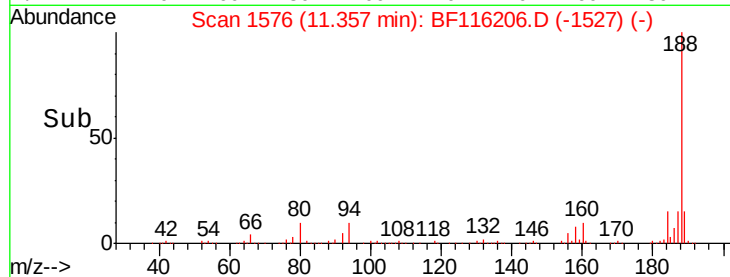
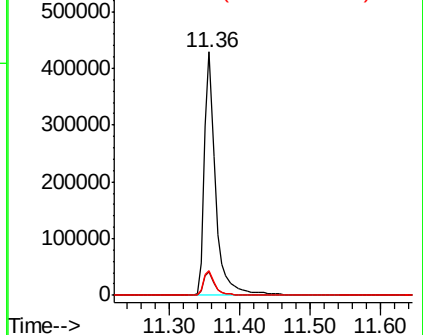
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116206.D
 Acq: 12 Aug 2019 23:14

Instrument :
 BNA_F
 ClientSampleId :
 2S-H1-H4-COMP-(0-1)

Tot Ion:188 Resp: 472423
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.1 12.1
 80 10.3 8.7 13.1

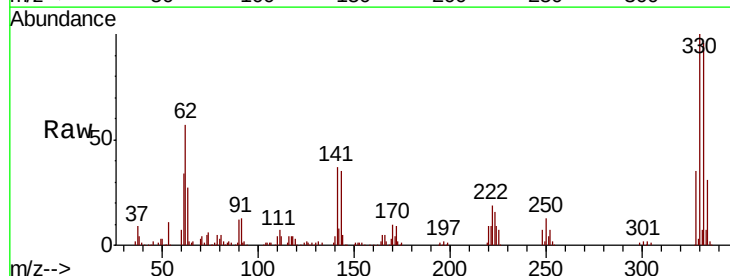


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

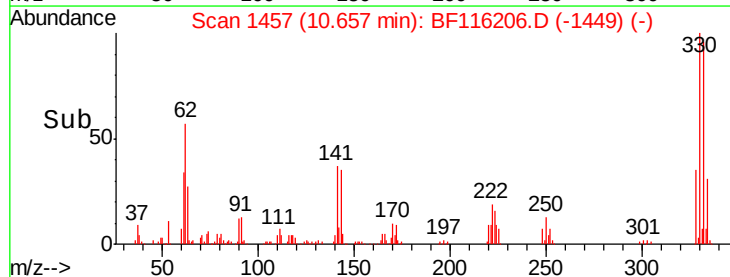
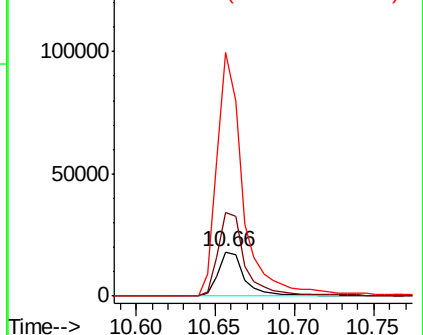


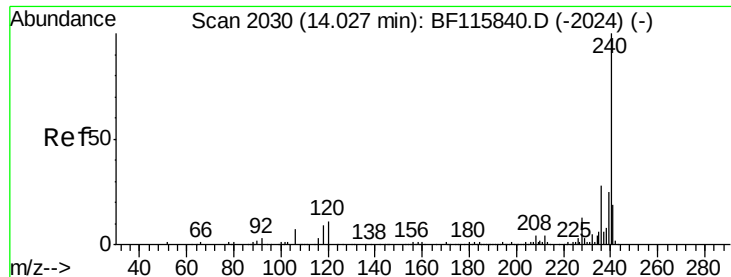
#67
 4-Bromophenyl-phenylether
 Concen: 4.165 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.25 min
 Lab File: BF116206.D
 Acq: 12 Aug 2019 23:14

Tgt Ion:248 Resp: 21063
 Ion Ratio Lower Upper
 248 100
 250 190.4 77.4 116.2#
 141 551.4 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

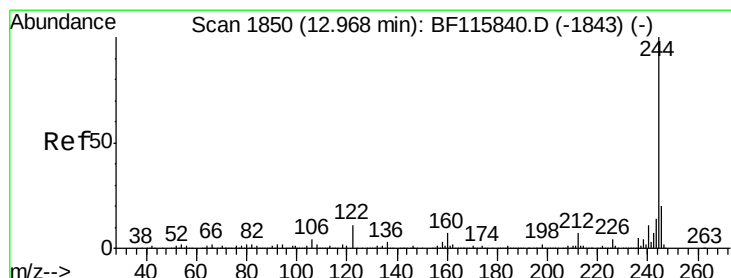
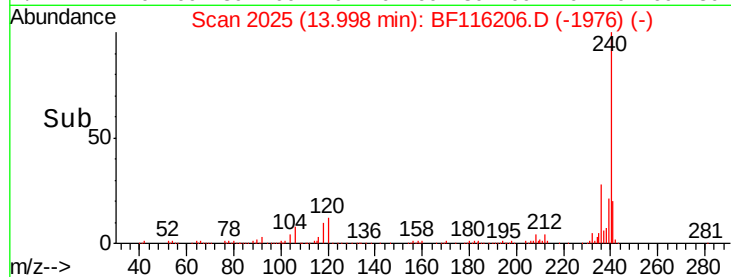
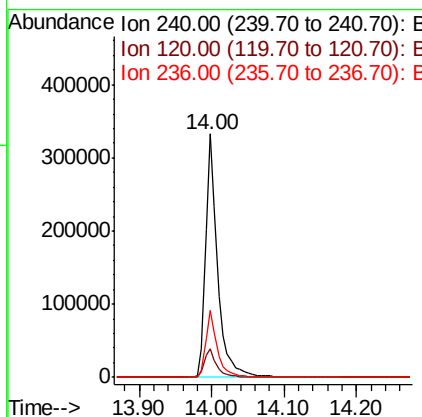
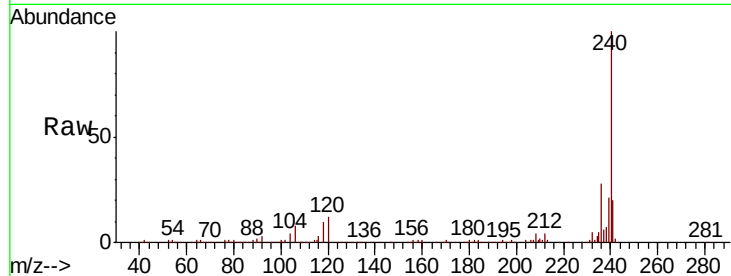




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF116206.D
 Acq: 12 Aug 2019 23:14

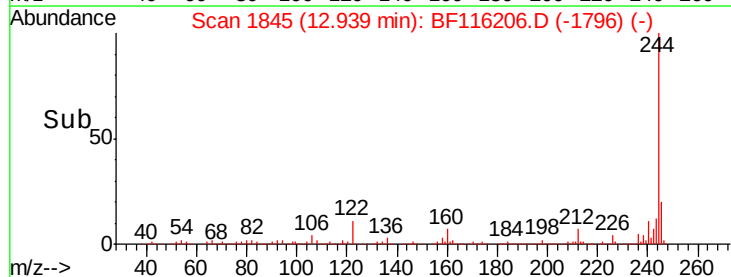
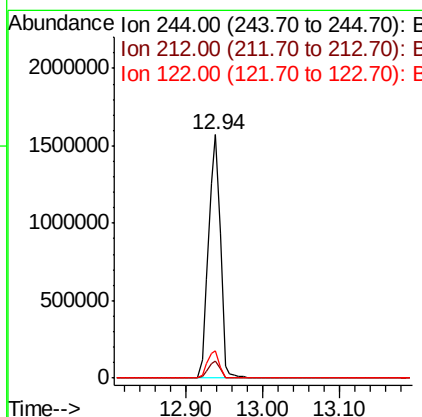
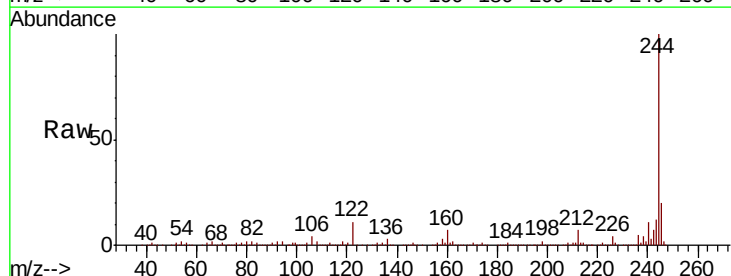
Instrument :
 BNA_F
 ClientSampleId :
 2S-H1-H4-COMP-(0-1)

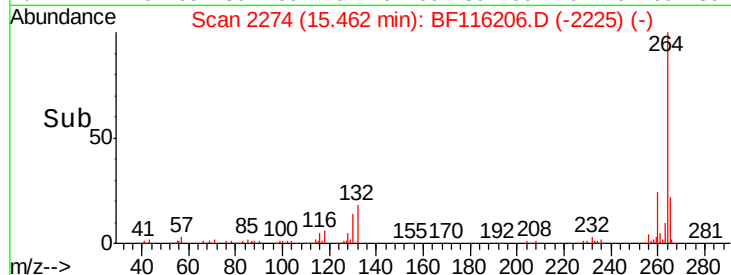
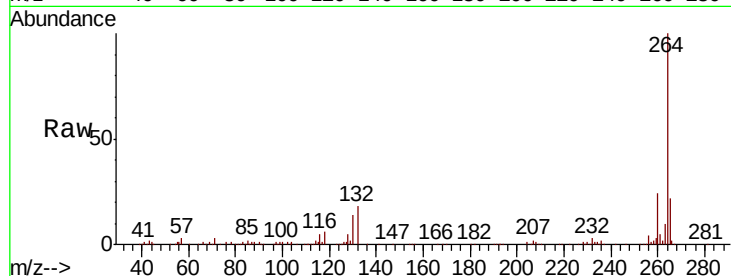
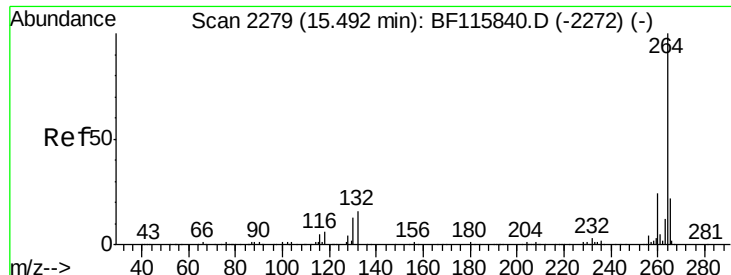
Tot Ion:240 Resp: 384325
 Ion Ratio Lower Upper
 240 100
 120 11.7 10.7 16.1
 236 27.5 22.2 33.2



#79
 Terphenyl-d14
 Concen: 91.260 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116206.D
 Acq: 12 Aug 2019 23:14

Tgt Ion:244 Resp: 1664488
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 11.1 9.0 13.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF116206.D
 Acq: 12 Aug 2019 23:14

Instrument :
 BNA_F
 ClientSampleId :
 2S-H1-H4-COMP-(0-1)

Tot Ion:	264	Resp:	364896
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.7	29.5
265	21.7	17.4	26.0

