

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081919\
 Data File : BF116386.D
 Acq On : 19 Aug 2019 13:36
 Operator : HP/JU
 Sample : K4356-06RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Aug 19 16:17:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

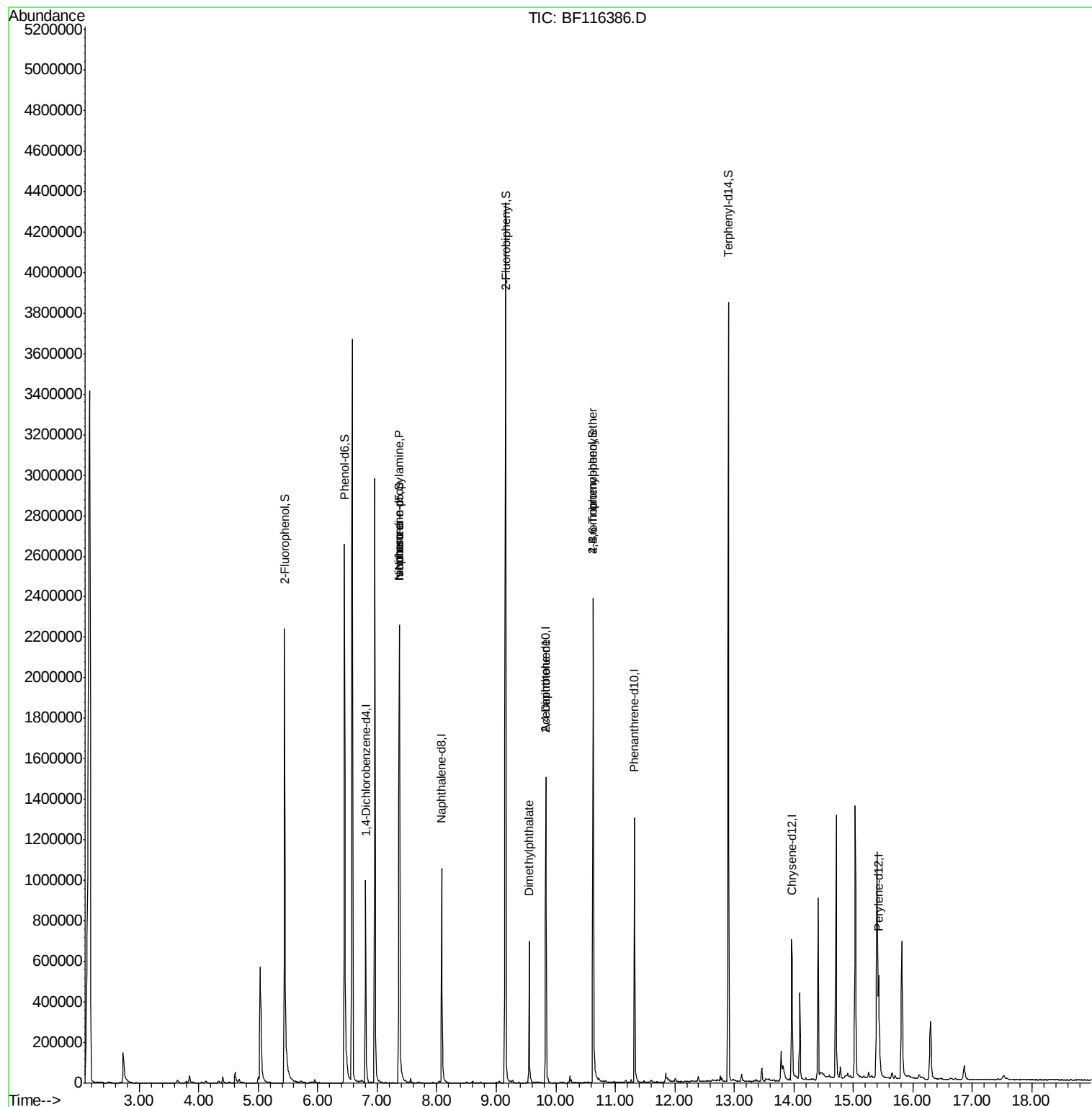
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	148380	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	574160	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	294758	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	475041	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	275182	20.00	ng	-0.02
87) Perylene-d12	15.42	264	271718	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	867980	97.93	ng	0.00
7) Phenol-d6	6.45	99	1135822	101.57	ng	-0.01
23) Nitrobenzene-d5	7.37	82	938248	94.33	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	323200	113.10	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1520428	96.62	ng	-0.01
79) Terphenyl-d14	12.90	244	1426200	109.21	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	125488	18.109	ng	# 79
25) Isophorone	7.37	82	938243	49.330	ng	# 65
50) Dimethylphthalate	9.55	163	278681	13.886	ng	99
57) 2,4-Dinitrotoluene	9.83	165	38234	6.584	ng	# 21
67) 4-Bromophenyl-phenylether	10.63	248	19418	3.818	ng	# 1

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

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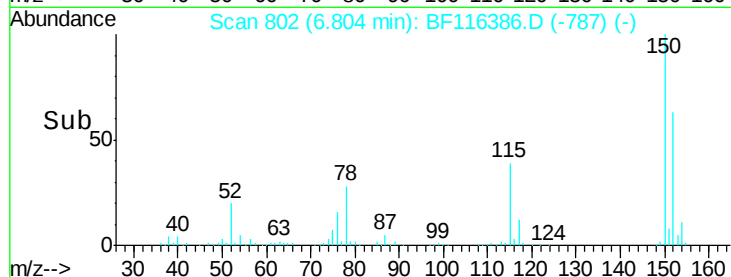
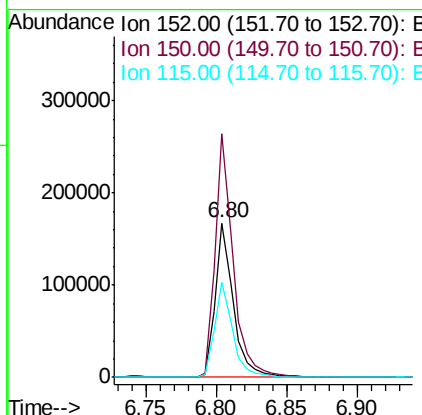
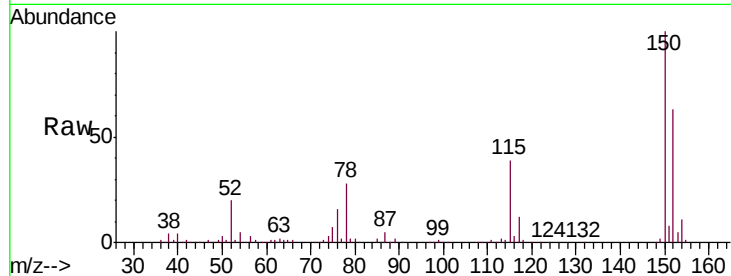


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116386.D
Acq: 19 Aug 2019 13:36

Instrument :
BNA_F
ClientSampleId :
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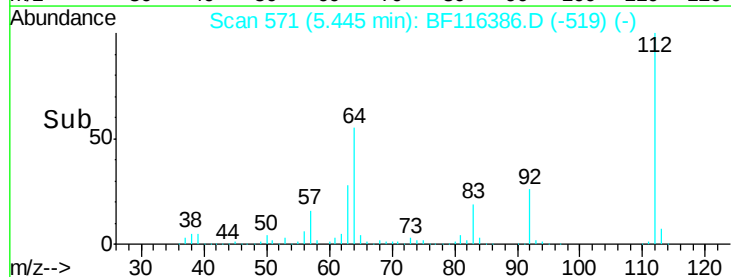
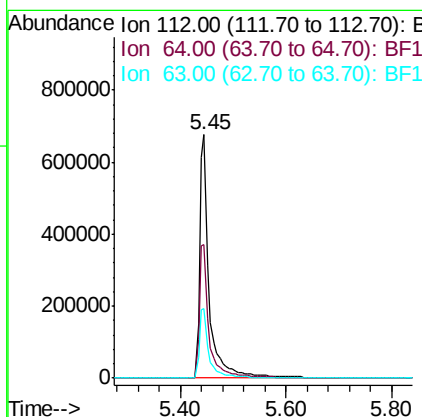
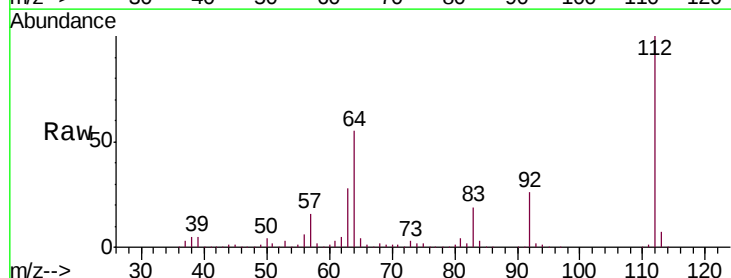
Tgt Ion:152 Resp: 148380
Ion Ratio Lower Upper
152 100
150 157.5 126.2 189.2
115 61.5 49.9 74.9



#5

2-Fluorophenol
Concen: 97.928 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF116386.D
Acq: 19 Aug 2019 13:36

Tgt Ion:112 Resp: 867980
Ion Ratio Lower Upper
112 100
64 54.9 45.4 68.2
63 28.3 23.7 35.5





#7

Phenol-d6

Concen: 101.568 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116386.D

Acq: 19 Aug 2019 13:36

Instrument :

BNA_F

ClientSampleId :

TP-3

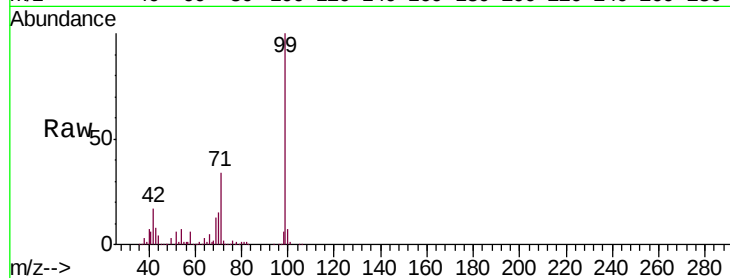
Tgt Ion: 99 Resp: 1135822

Ion Ratio Lower Upper

99 100

42 17.0 13.8 20.8

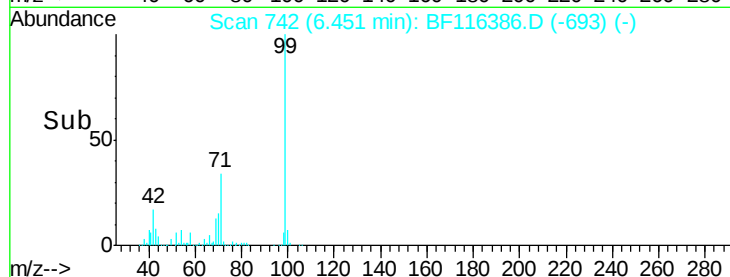
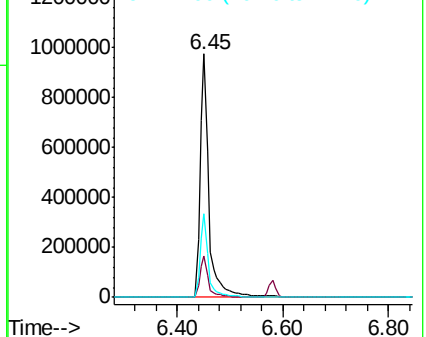
71 34.2 27.3 40.9



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: 18.109 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF116386.D

Acq: 19 Aug 2019 13:36

Tgt Ion: 70 Resp: 125488

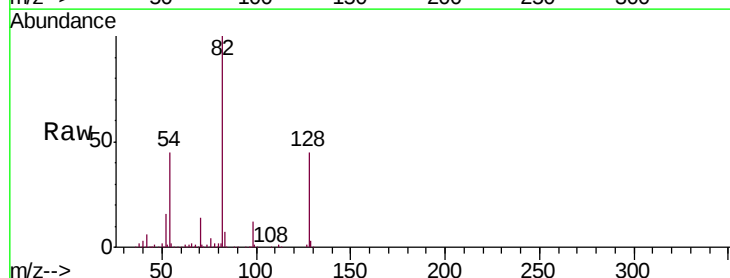
Ion Ratio Lower Upper

70 100

42 42.7 40.9 61.3

101 0.0 7.9 11.9#

130 2.0 16.9 25.3#

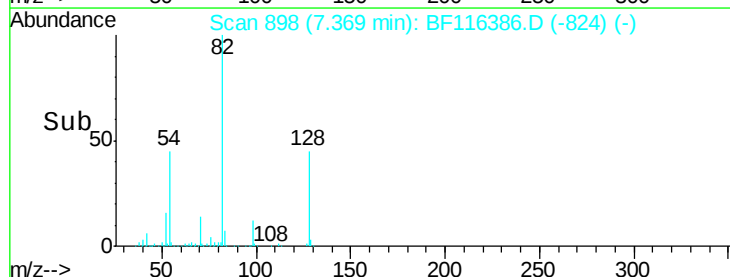
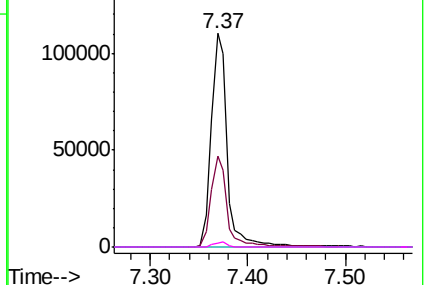


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

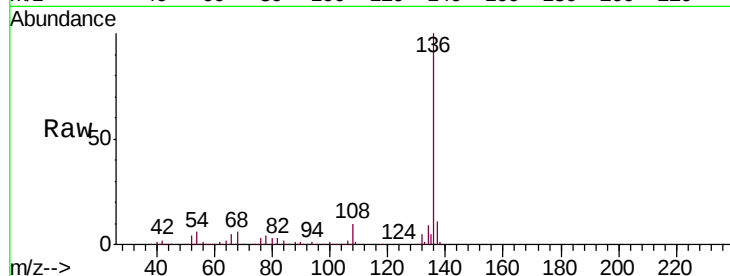




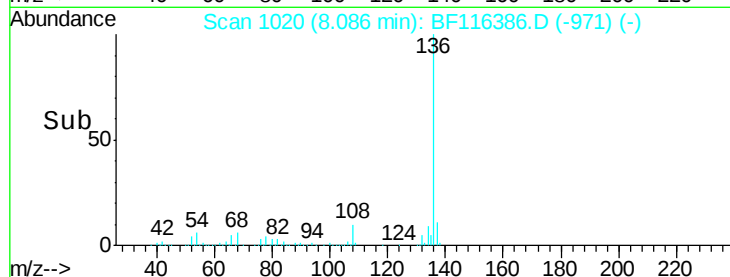
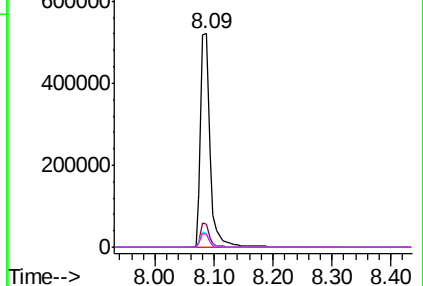
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF116386.D
Acq: 19 Aug 2019 13:36

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:	136	Resp:	574160
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.4	5.8	8.6
68	6.1	5.2	7.8

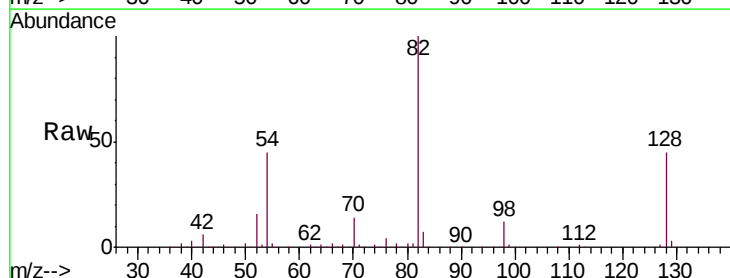


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

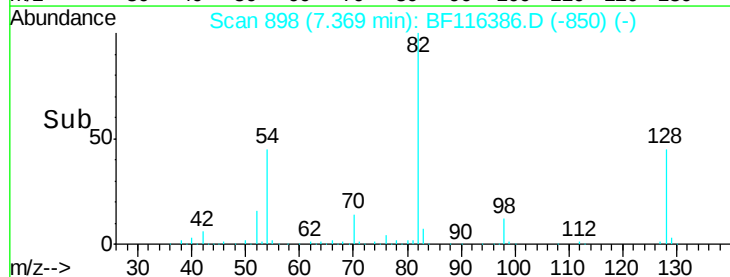
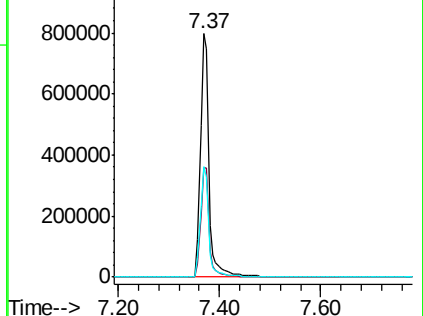


#23
Nitrobenzene-d5
Concen: 94.327 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF116386.D
Acq: 19 Aug 2019 13:36

Tgt Ion:	82	Resp:	938248
Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.5	54.7
54	45.5	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: 49.330 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.27 min

Lab File: BF116386.D

Acq: 19 Aug 2019 13:36

Instrument :

BNA_F

ClientSampleId :

TP-3

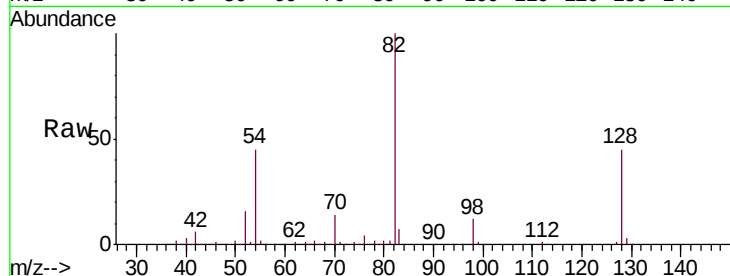
Tgt Ion: 82 Resp: 938243

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

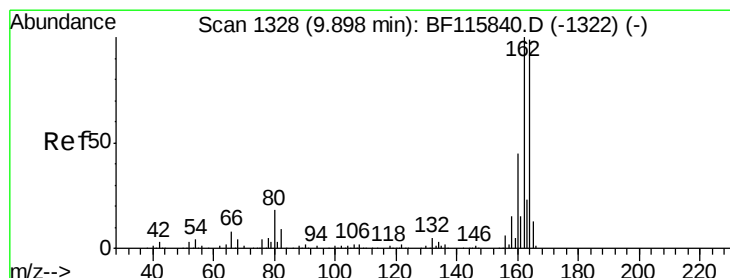
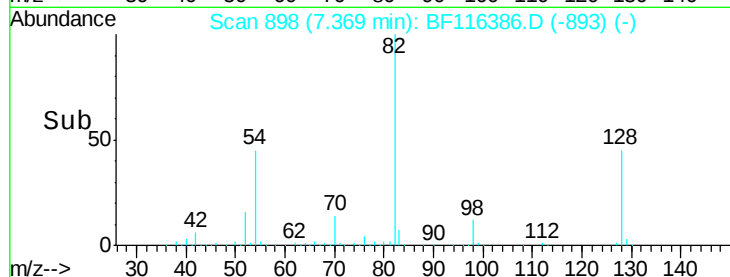
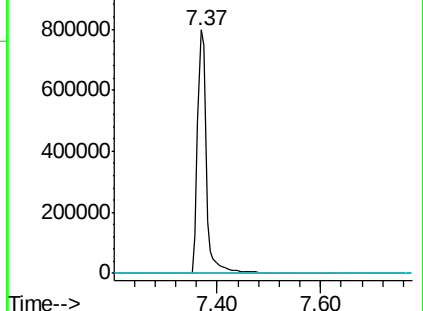
138 0.0 14.5 21.7#



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: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF116386.D

Acq: 19 Aug 2019 13:36

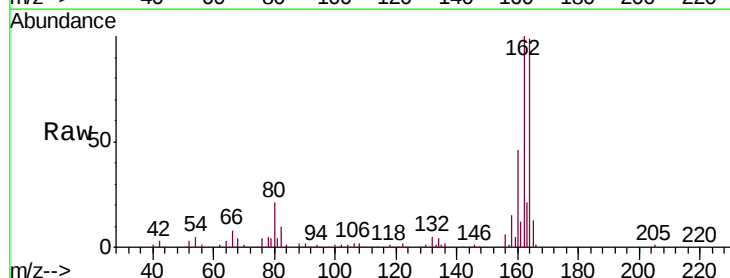
Tgt Ion: 164 Resp: 294758

Ion Ratio Lower Upper

164 100

162 100.5 82.6 124.0

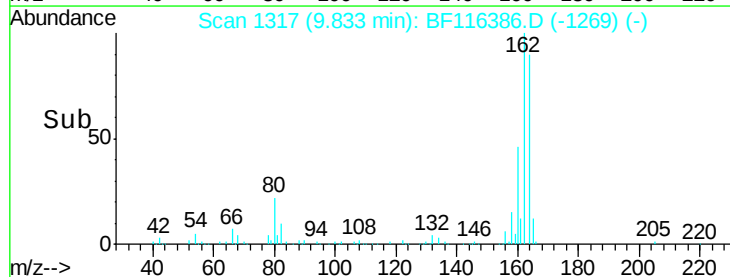
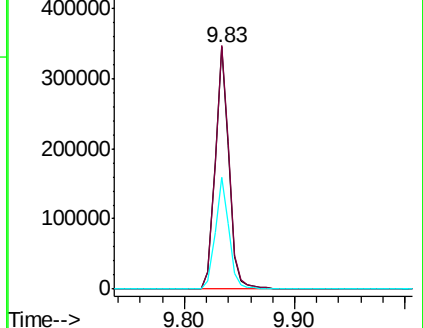
160 46.0 37.6 56.4



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

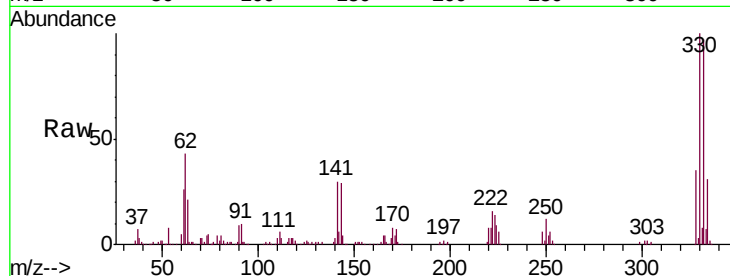




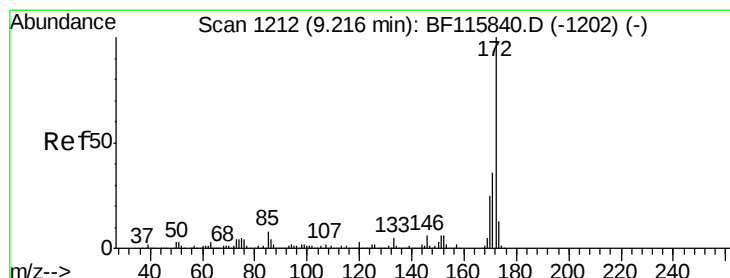
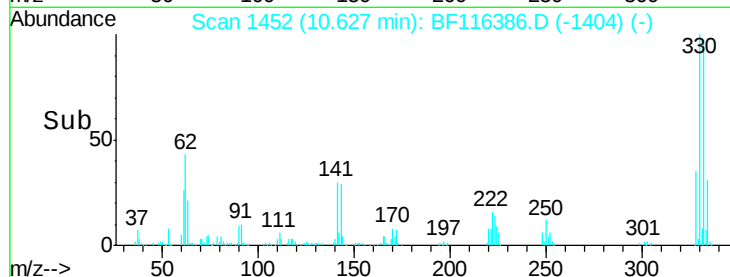
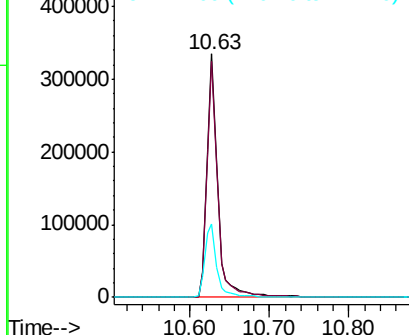
#42
 2,4,6-Tribromophenol
 Concen: 113.096 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF116386.D
 Acq: 19 Aug 2019 13:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.8	115.2
141	33.6	26.3	39.5

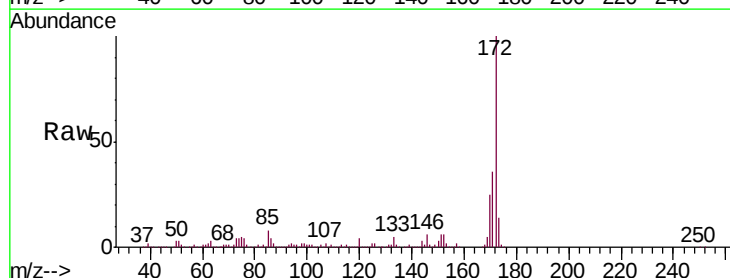


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

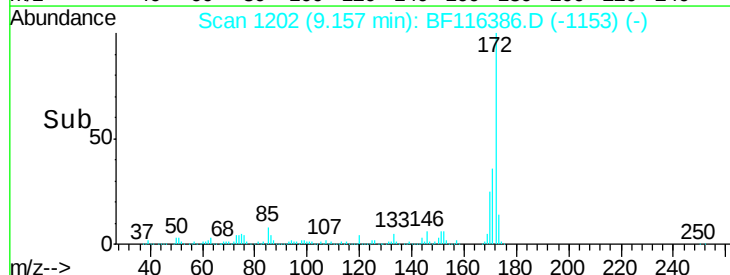
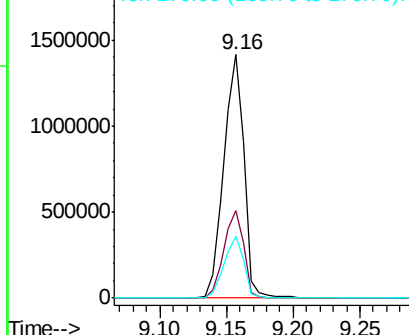


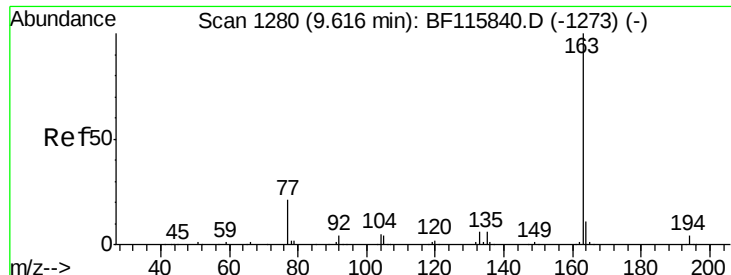
#45
 2-Fluorobiphenyl
 Concen: 96.617 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF116386.D
 Acq: 19 Aug 2019 13:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	25.4	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

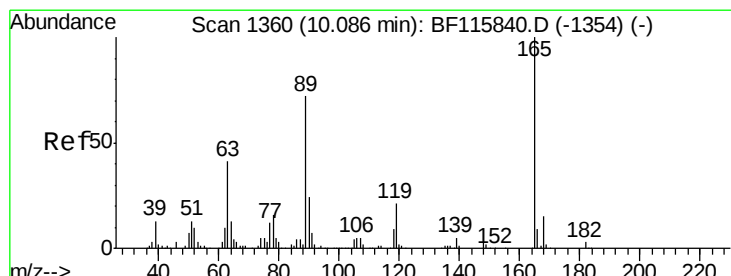
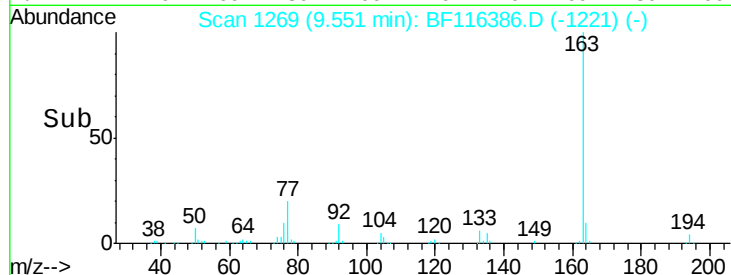
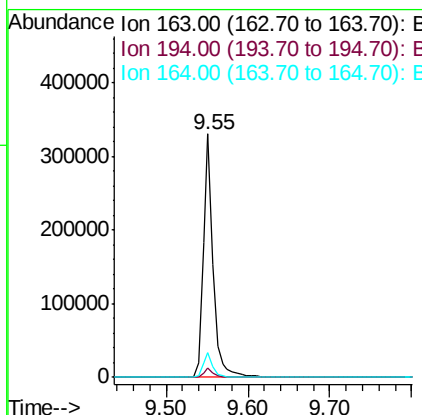
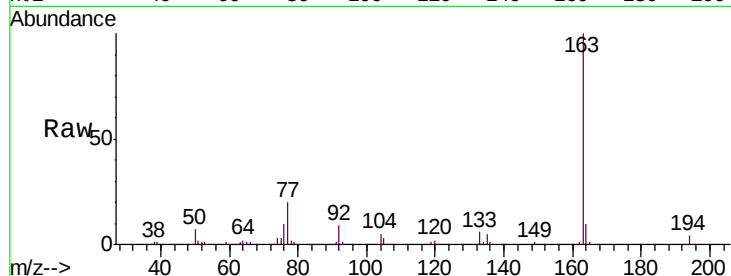




#50
Dimethylphthalate
Concen: 13.886 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF116386.D
Acq: 19 Aug 2019 13:36

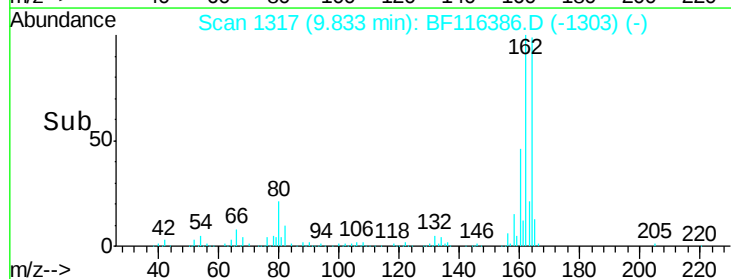
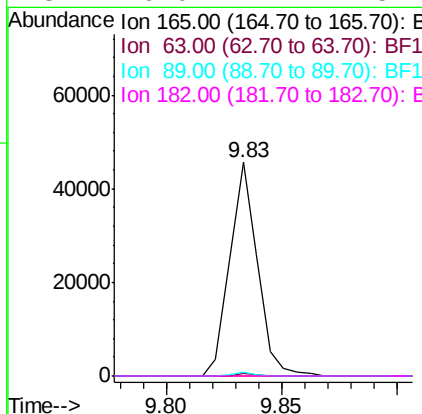
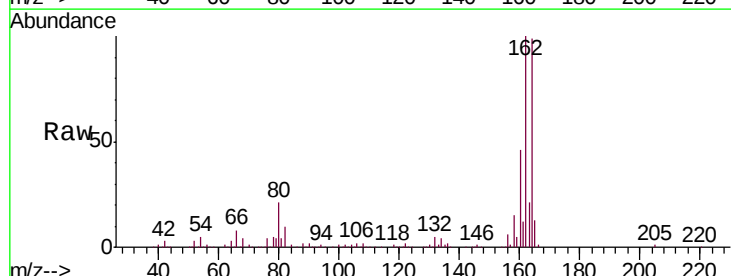
Instrument :
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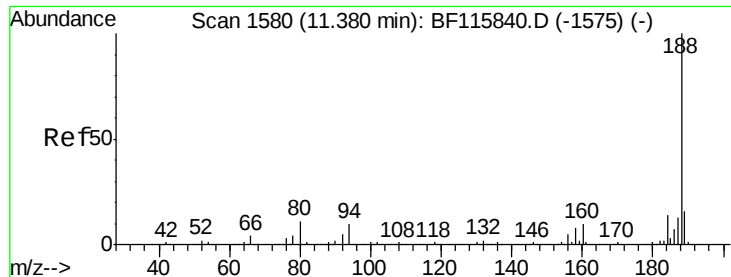
Tgt Ion:163 Resp: 278681
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.0 8.4 12.6



#57
2,4-Dinitrotoluene
Concen: 6.584 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.22 min
Lab File: BF116386.D
Acq: 19 Aug 2019 13:36

Tgt Ion:165 Resp: 38234
Ion Ratio Lower Upper
165 100
63 1.4 39.6 59.4#
89 1.5 62.2 93.2#
182 0.0 2.1 3.1#

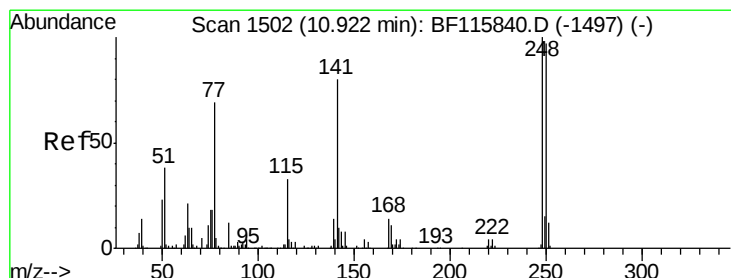
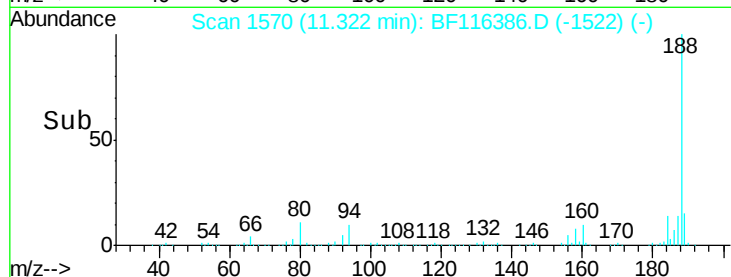
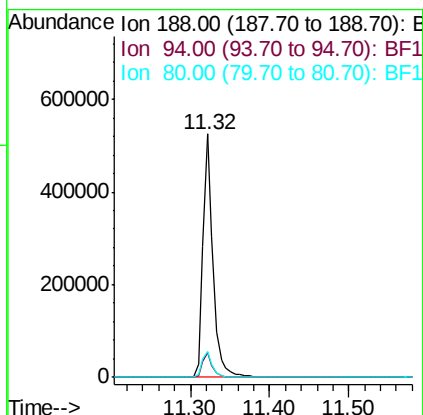
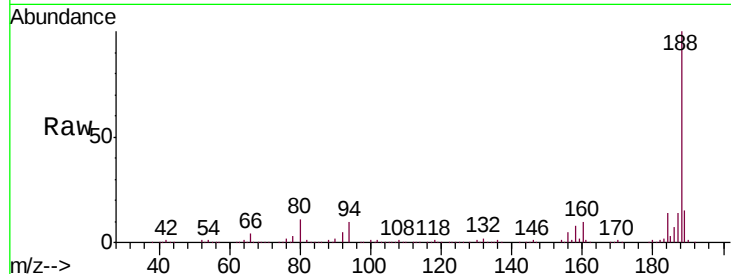




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF116386.D
 Acq: 19 Aug 2019 13:36

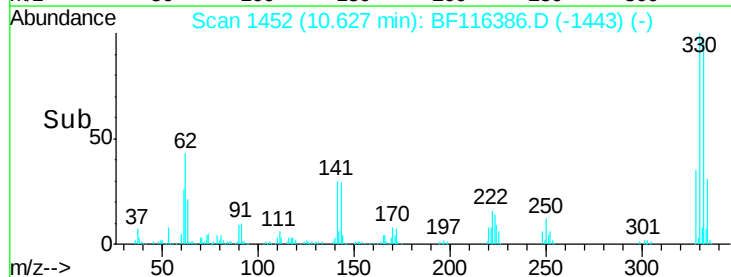
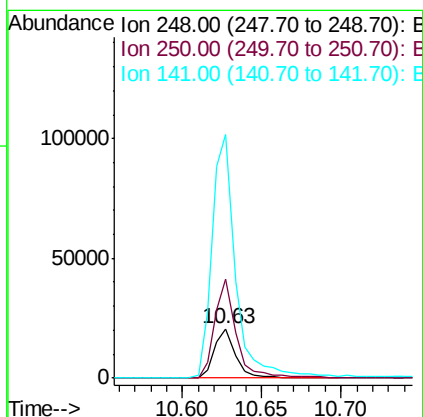
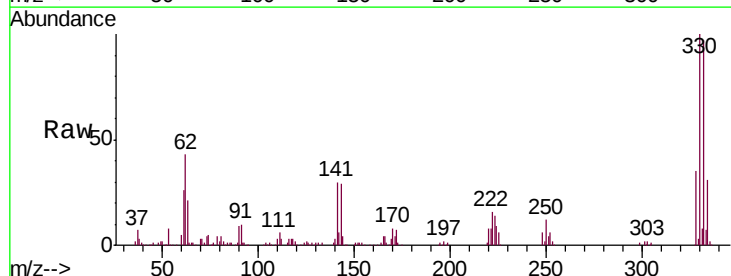
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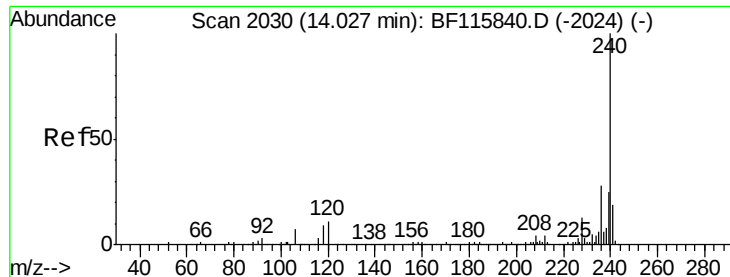
Tgt Ion:188 Resp: 475041
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.1 12.1
 80 10.5 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 3.818 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.25 min
 Lab File: BF116386.D
 Acq: 19 Aug 2019 13:36

Tgt Ion:248 Resp: 19418
 Ion Ratio Lower Upper
 248 100
 250 202.2 77.4 116.2#
 141 494.6 56.8 85.2#

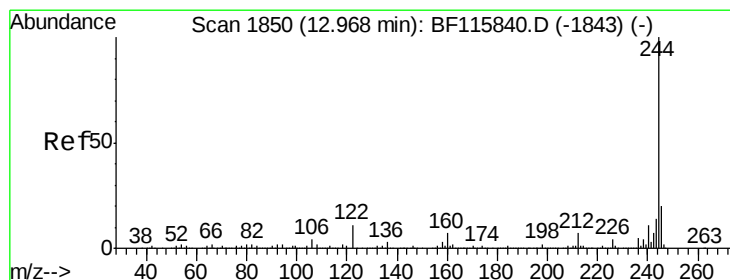
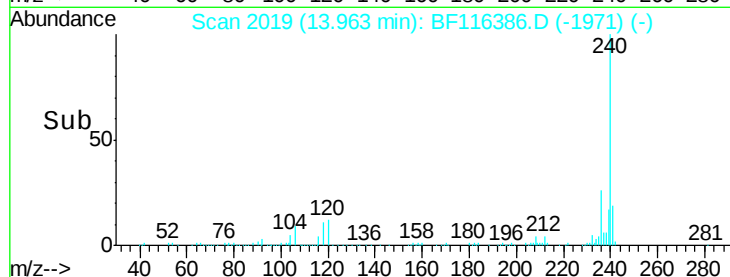
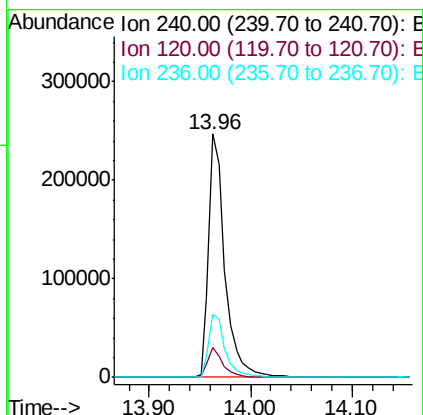
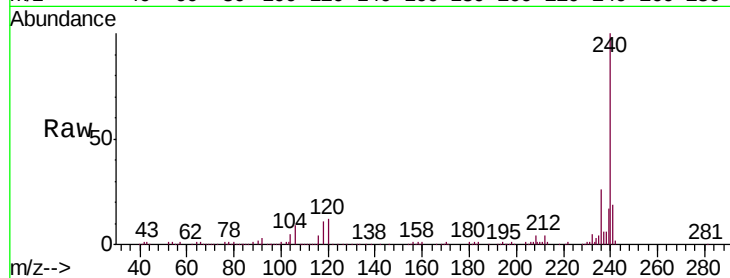




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF116386.D
Acq: 19 Aug 2019 13:36

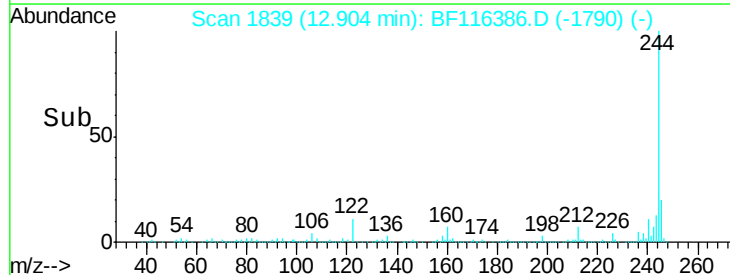
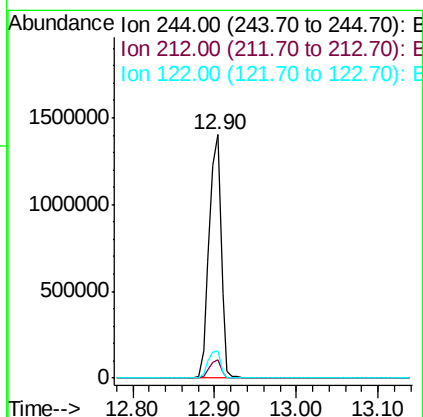
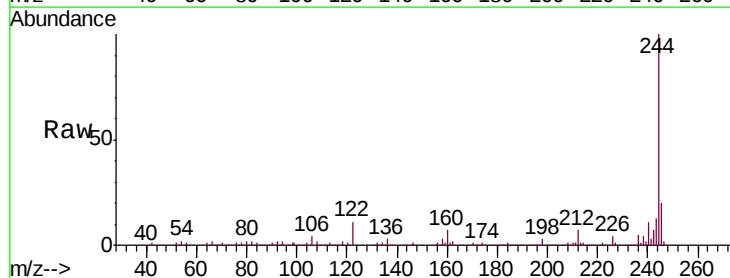
Instrument :
BNA_F
ClientSampleId :
TP-3

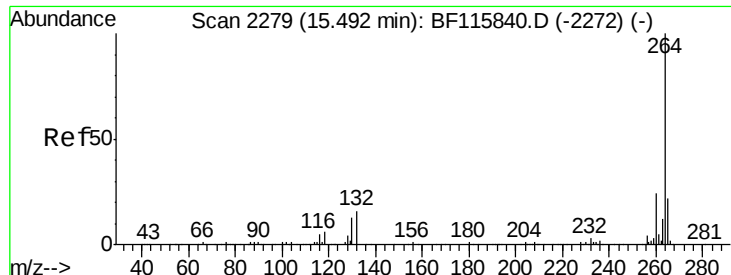
Tgt Ion:240 Resp: 275182
Ion Ratio Lower Upper
240 100
120 12.2 10.7 16.1
236 26.0 22.2 33.2



#79
Terphenyl-d14
Concen: 109.209 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BF116386.D
Acq: 19 Aug 2019 13:36

Tgt Ion:244 Resp: 1426200
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 11.1 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116386.D
Acq: 19 Aug 2019 13:36

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.7	29.5
265	21.5	17.4	26.0

