

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116214.D
 Acq On : 13 Aug 2019 2:50
 Operator : HP/JU
 Sample : K4085-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-C

Quant Time: Aug 13 03:39:36 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

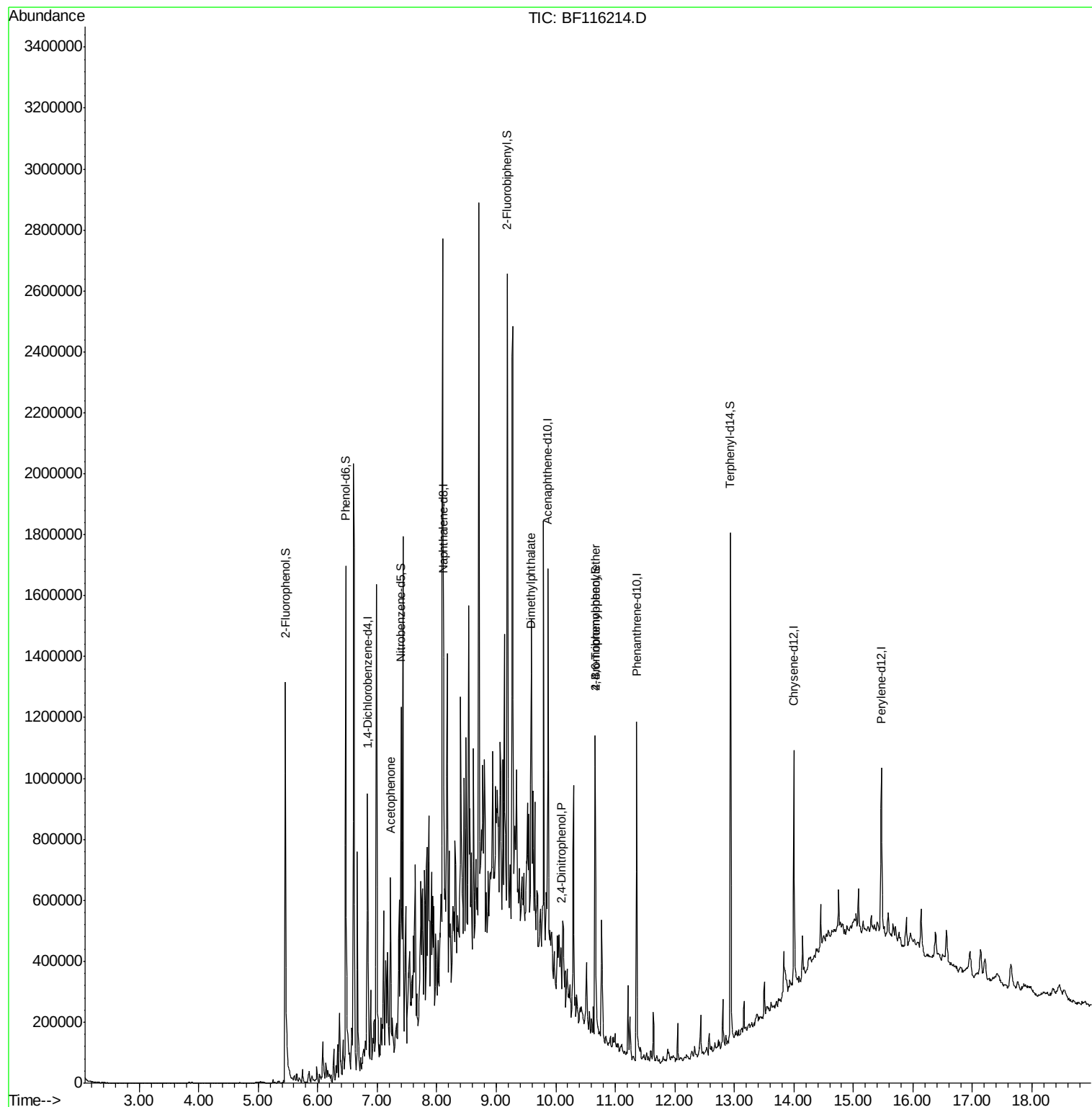
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	121936	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	477263	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	250263	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	400004	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	287324	20.00	ng	0.00
87) Perylene-d12	15.47	264	267713	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	502833	69.03	ng	-0.01
7) Phenol-d6	6.47	99	676378	73.60	ng	-0.02
23) Nitrobenzene-d5	7.40	82	391703	47.37	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	144949	59.74	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	708336	53.01	ng	-0.01
79) Terphenyl-d14	12.94	244	625645	45.88	ng	-0.01
Target Compounds						
22) Acetophenone	7.23	105	40308	3.851	ng	# 51
50) Dimethylphthalate	9.58	163	76387	4.483	ng	# 96
54) 2,4-Dinitrophenol	10.09	184	108	7.864	ng	# 1
67) 4-Bromophenyl-phenylether	10.66	248	8726	2.038	ng	# 1

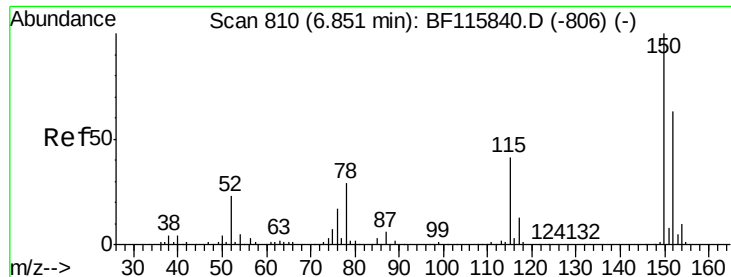
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 20 Sample Multiplier: 1

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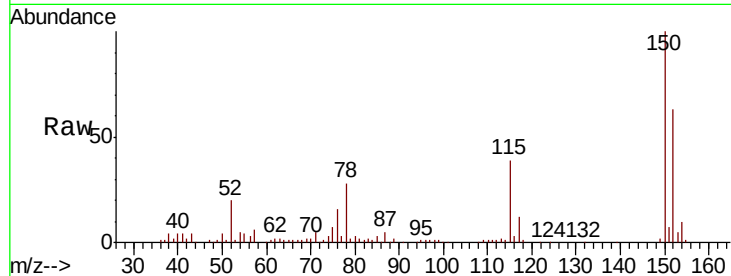


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF116214.D
 Acq: 13 Aug 2019 2:50

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.2	189.2
115	61.9	49.9	74.9

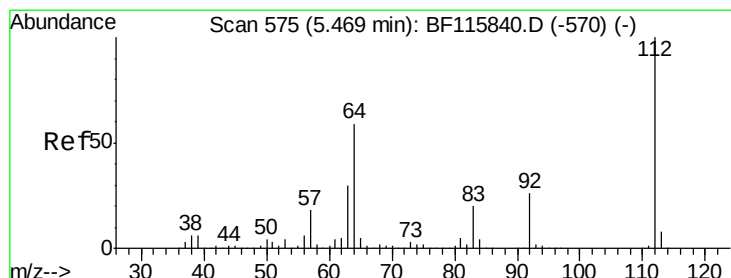
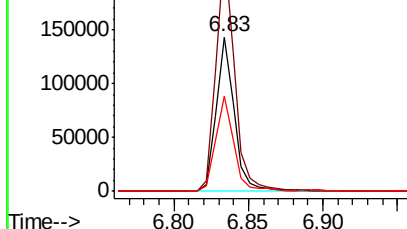
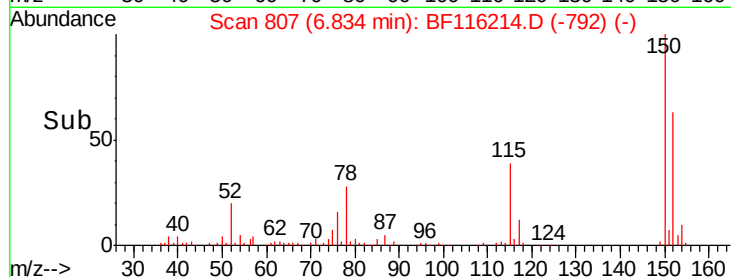


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

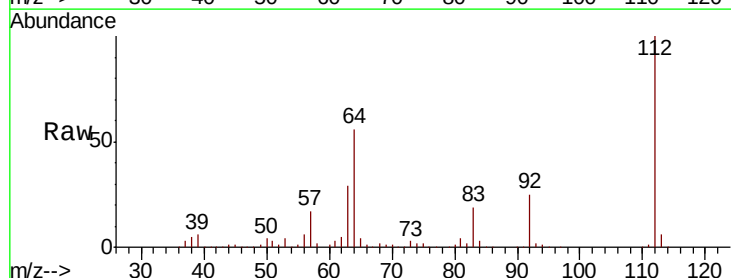
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 69.034 ng
 RT: 5.46 min Scan# 573
 Delta R.T. -0.01 min
 Lab File: BF116214.D
 Acq: 13 Aug 2019 2:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	45.4	68.2
63	29.1	23.7	35.5

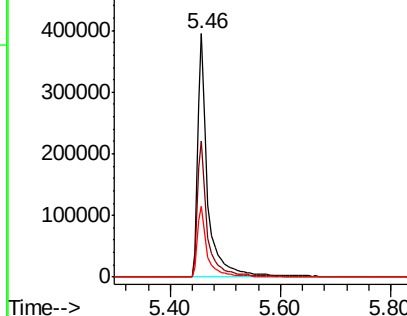
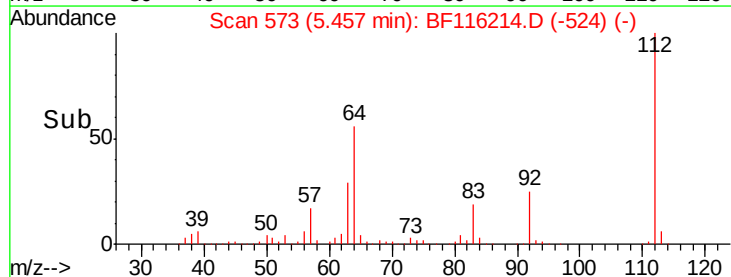


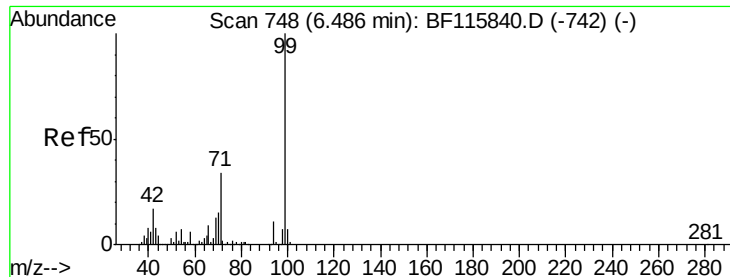
Abundance

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: 73.601 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF116214.D

Acq: 13 Aug 2019 2:50

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-C

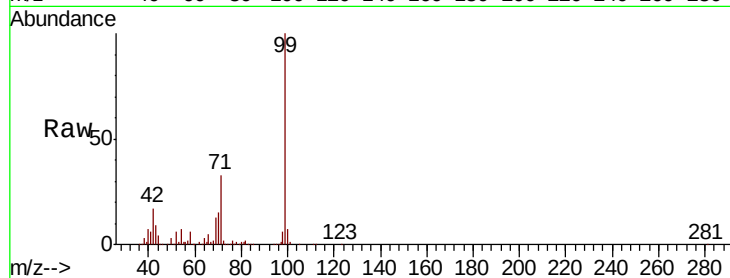
Tot Ion: 99 Resp: 676378

Ion Ratio Lower Upper

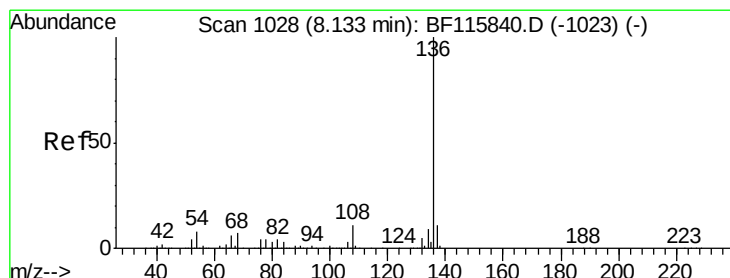
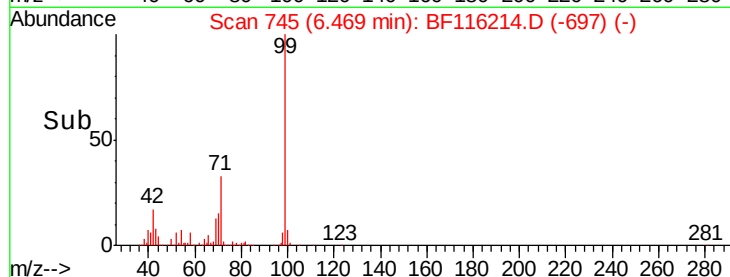
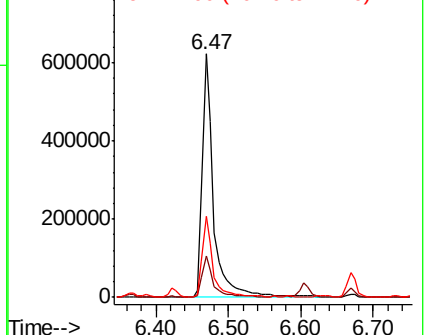
99 100

42 17.2 13.8 20.8

71 33.3 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116214.D

Acq: 13 Aug 2019 2:50

Tgt Ion: 136 Resp: 477263

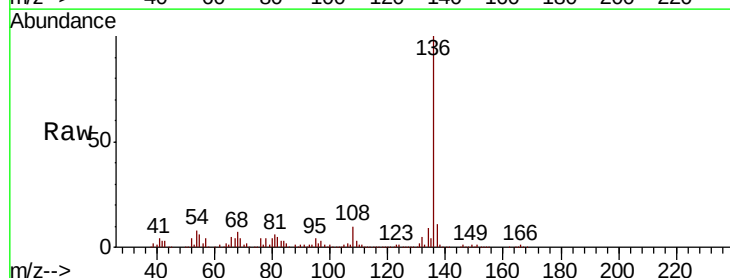
Ion Ratio Lower Upper

136 100

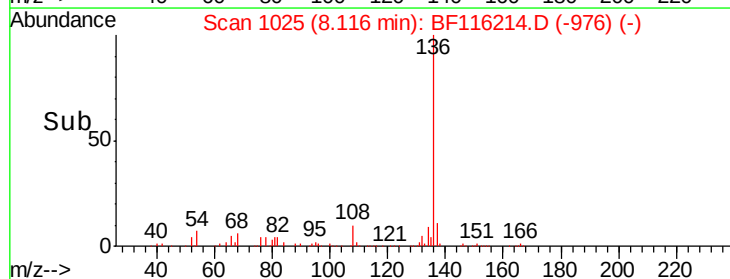
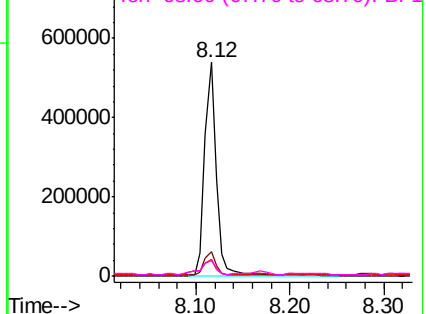
137 11.5 9.0 13.4

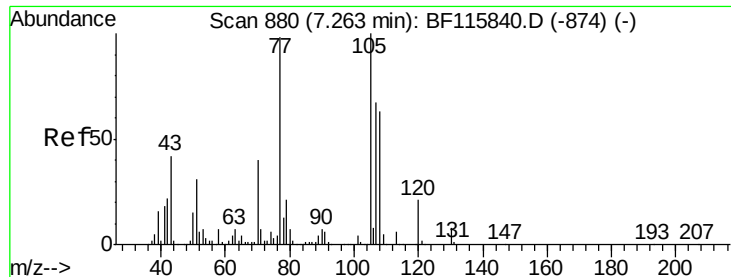
54 7.7 5.8 8.6

68 7.4 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





#22

Acetophenone

Concen: 3.851 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.04 min

Lab File: BF116214.D

Acq: 13 Aug 2019 2:50

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-C

Tot Ion:105 Resp: 40308

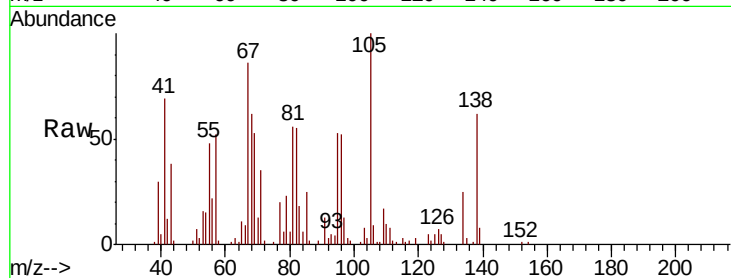
Ion Ratio Lower Upper

105 100

71 35.5 5.9 8.9#

51 7.3 25.3 37.9#

120 0.0 17.9 26.9#

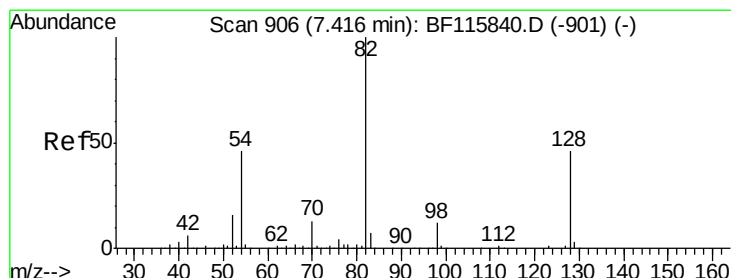
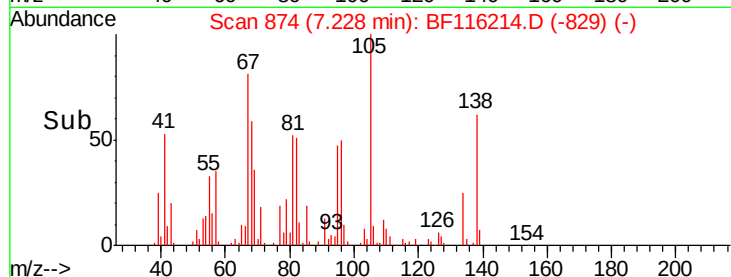
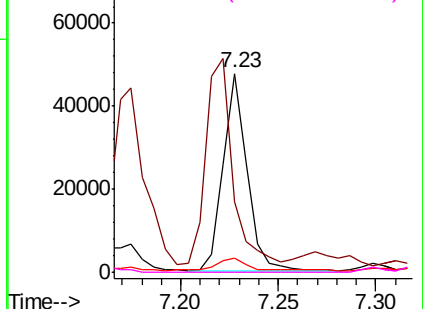


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 47.375 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF116214.D

Acq: 13 Aug 2019 2:50

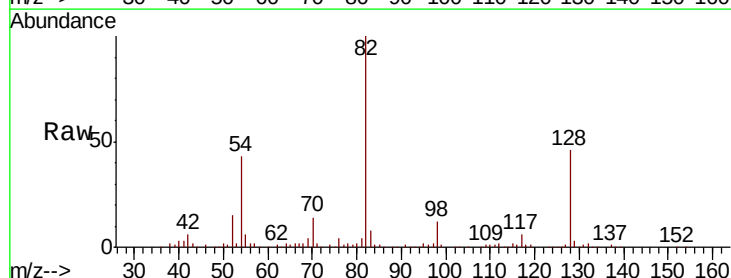
Tgt Ion: 82 Resp: 391703

Ion Ratio Lower Upper

82 100

128 46.5 36.5 54.7

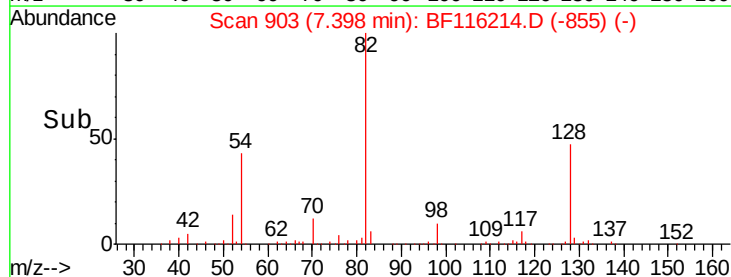
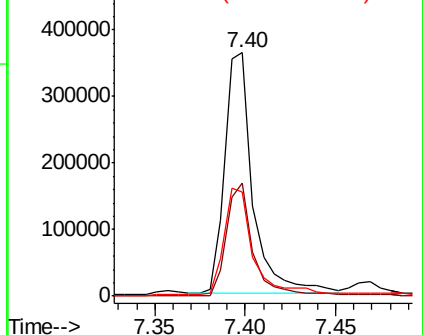
54 42.9 36.0 54.0

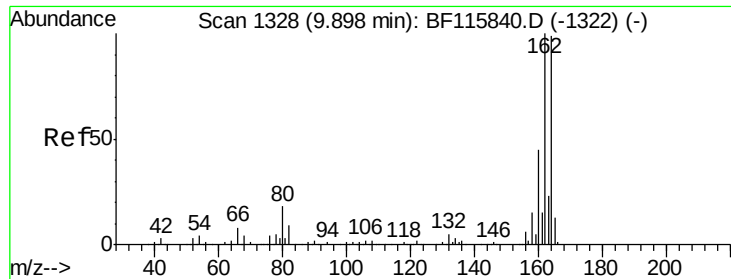


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

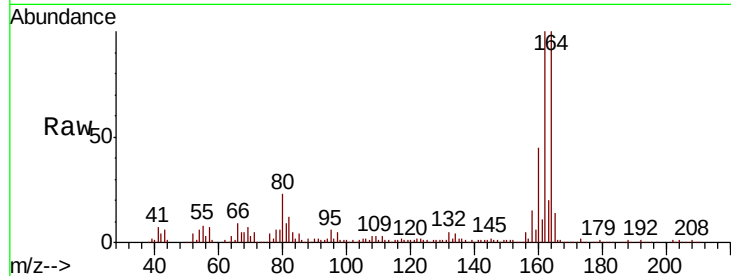




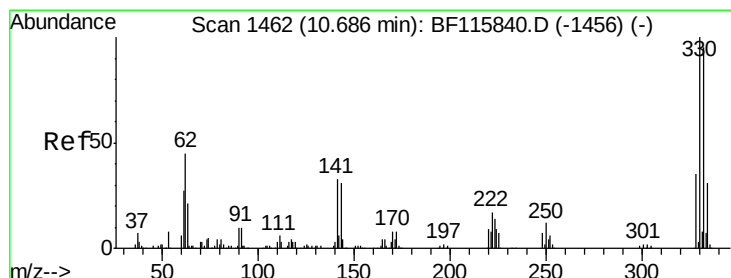
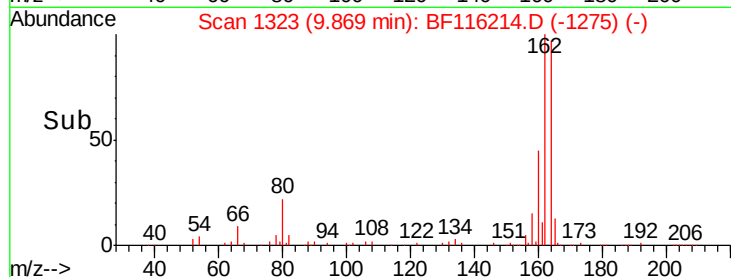
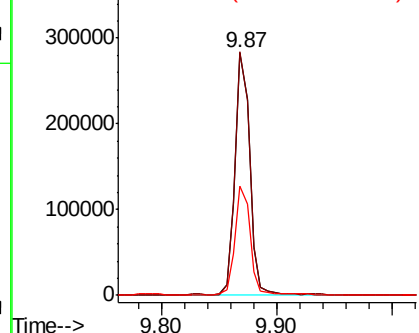
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116214.D
 Acq: 13 Aug 2019 2:50

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-C

Tot Ion:164 Resp: 250263
 Ion Ratio Lower Upper
 164 100
 162 100.4 82.6 124.0
 160 45.2 37.6 56.4

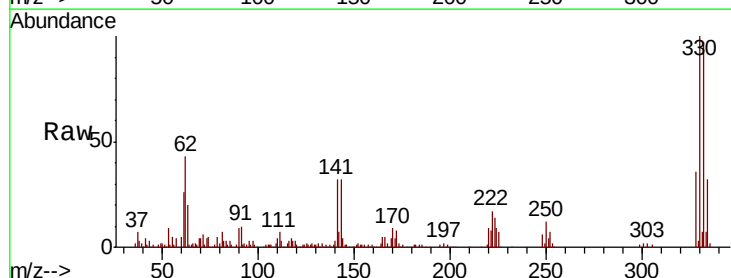


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

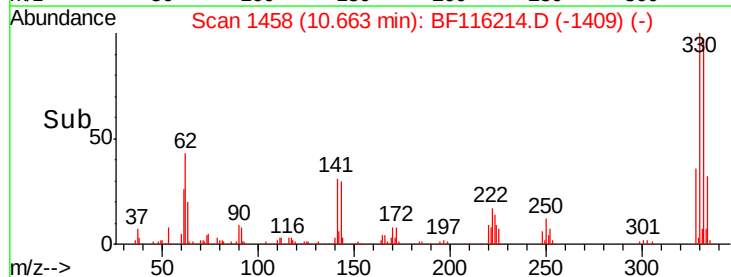
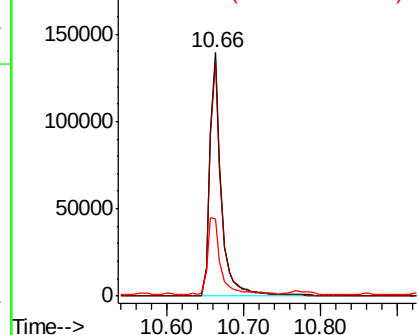


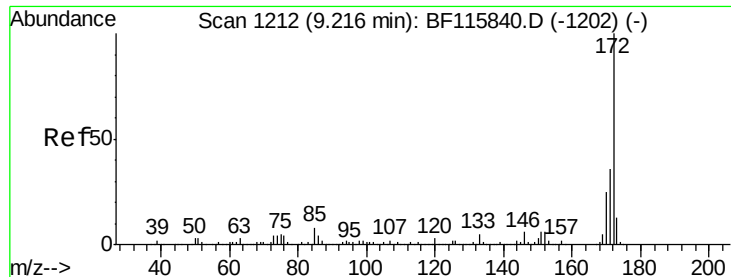
#42
 2,4,6-Tribromophenol
 Concen: 59.739 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116214.D
 Acq: 13 Aug 2019 2:50

Tgt Ion:330 Resp: 144949
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.8 115.2
 141 35.0 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

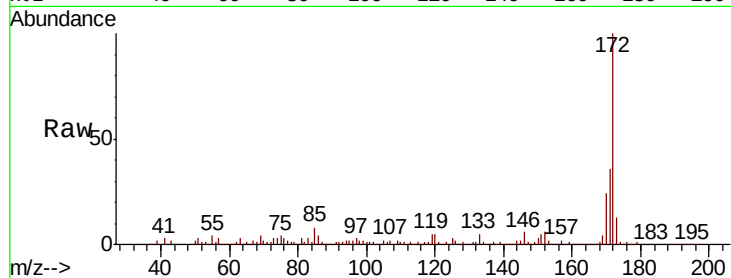




#45
2-Fluorobiphenyl
Concen: 53.015 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116214.D
Acq: 13 Aug 2019 2:50

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-C

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.8	20.1	30.1

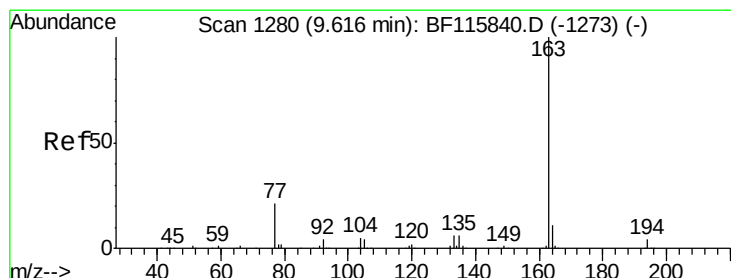
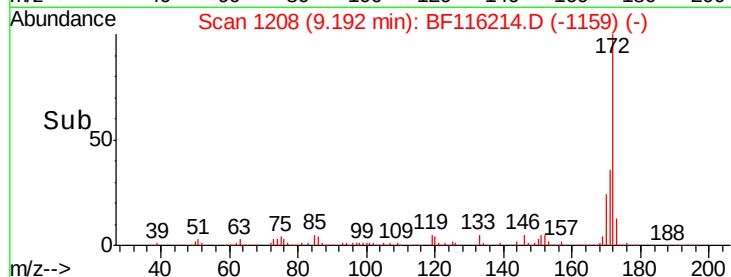
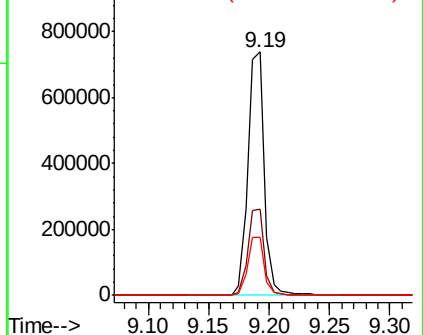


Abundance

Ion 172.00 (171.70 to 172.70): E

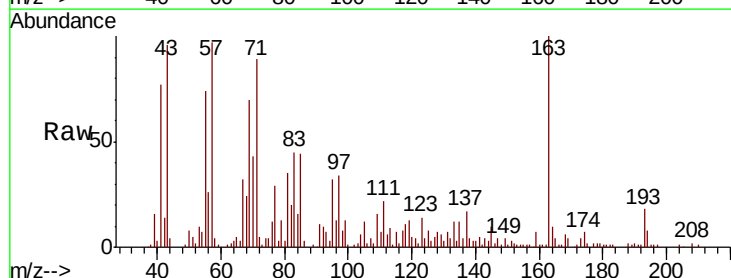
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 4.483 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF116214.D
Acq: 13 Aug 2019 2:50

Tgt Ion	Ratio	Lower	Upper
163	100		
194	8.4	3.0	4.6#
164	10.5	8.4	12.6

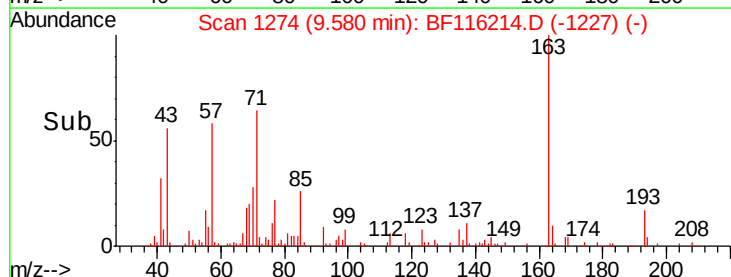
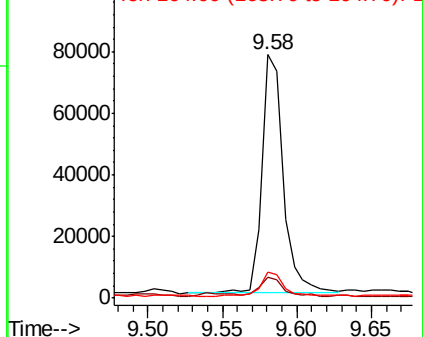


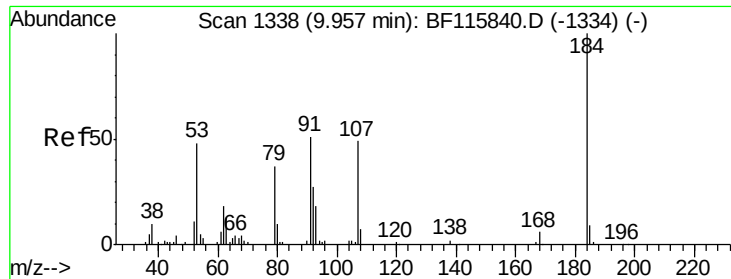
Abundance

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

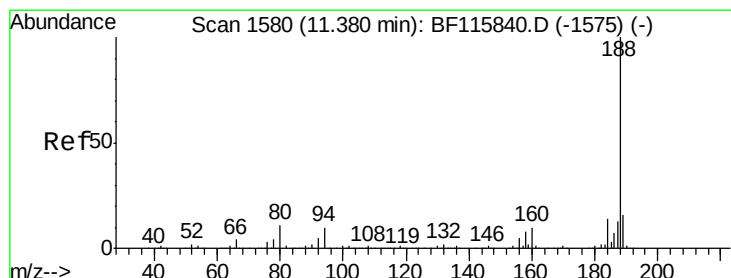
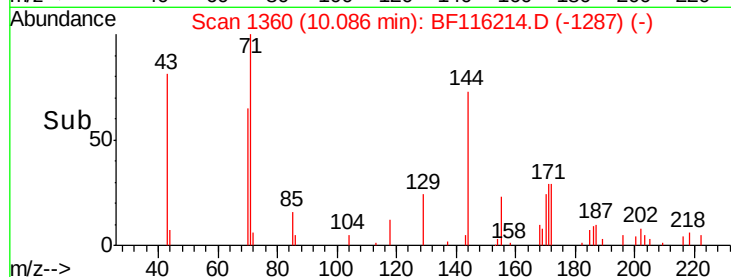
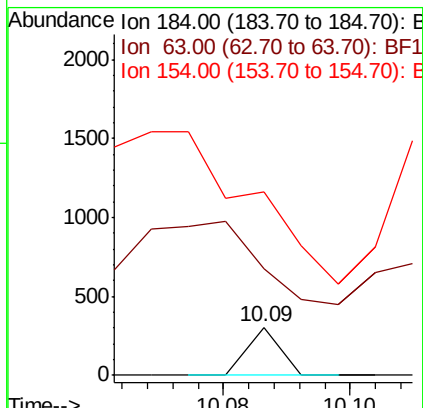
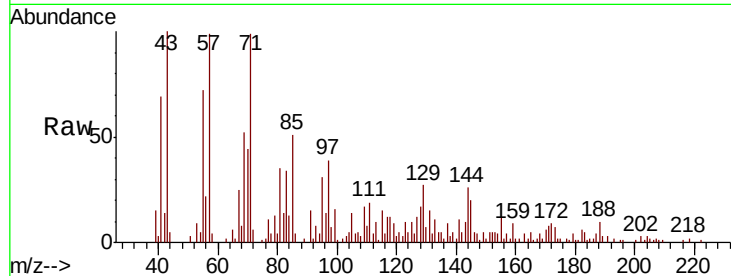




#54
 2,4-Dinitrophenol
 Concen: 7.864 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. 0.13 min
 Lab File: BF116214.D
 Acq: 13 Aug 2019 2:50

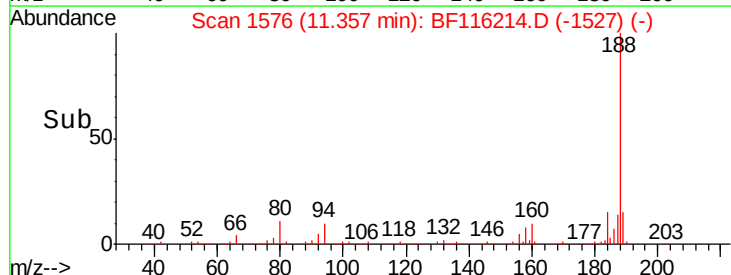
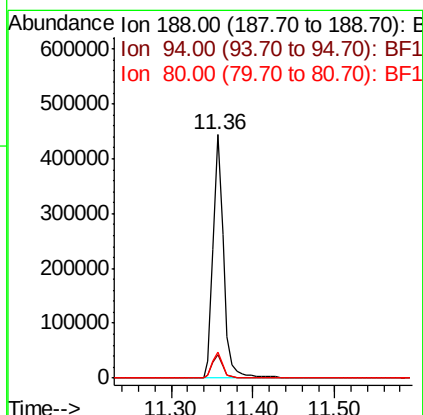
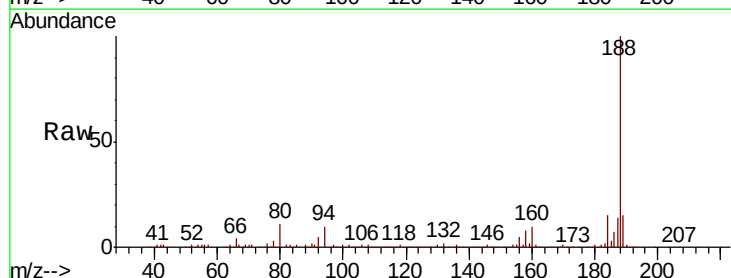
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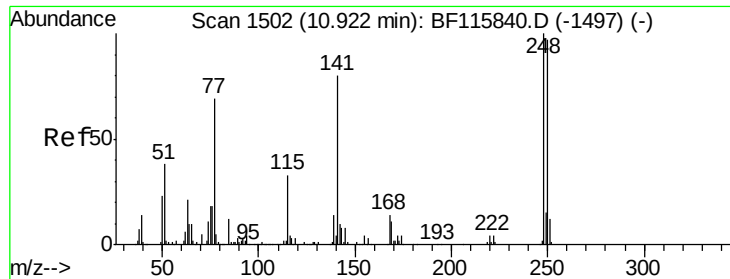
Tot Ion:184 Resp: 108
 Ion Ratio Lower Upper
 184 100
 63 221.0 53.0 79.4#
 154 380.0 50.1 75.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116214.D
 Acq: 13 Aug 2019 2:50

Tgt Ion:188 Resp: 400004
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.1 12.1
 80 10.9 8.7 13.1

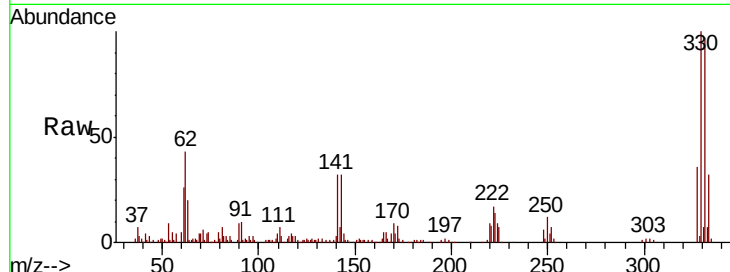




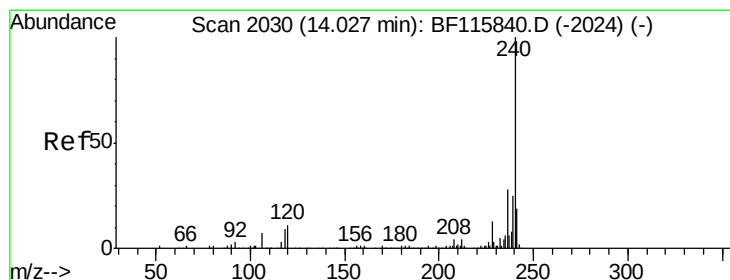
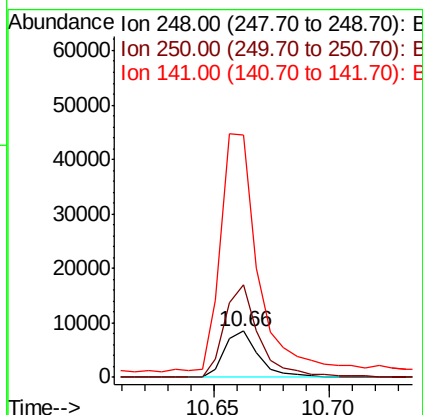
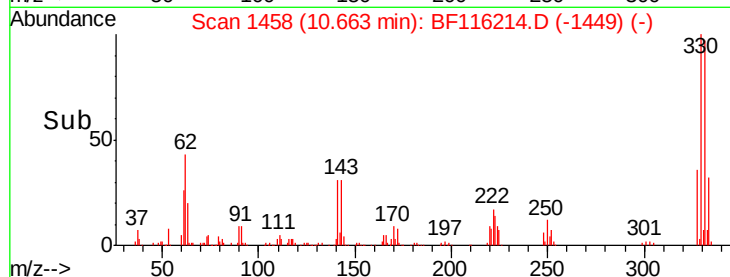
#67
 4-Bromophenyl-phenylether
 Concen: 2.038 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116214.D
 Acq: 13 Aug 2019 2:50

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-C

Tot Ion:248 Resp: 8726
 Ion Ratio Lower Upper
 248 100
 250 201.4 77.4 116.2#
 141 527.7 56.8 85.2#

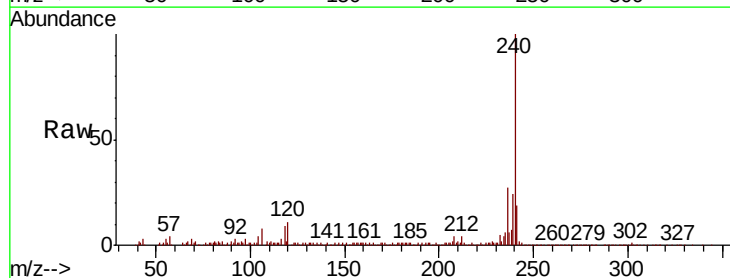


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

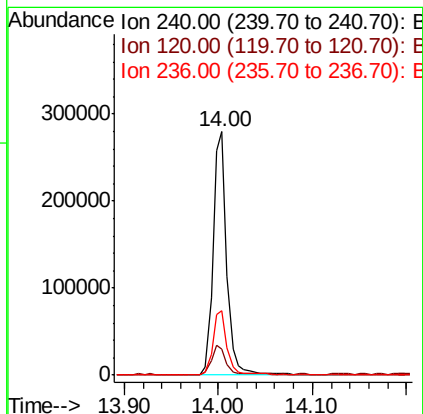
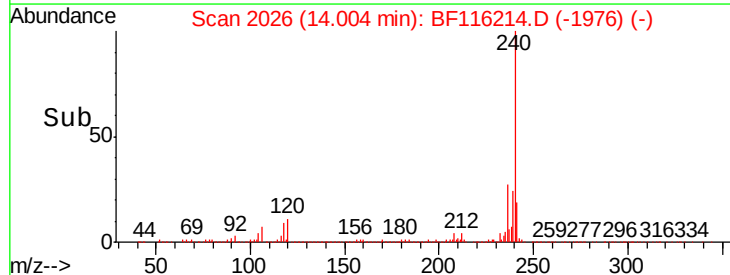


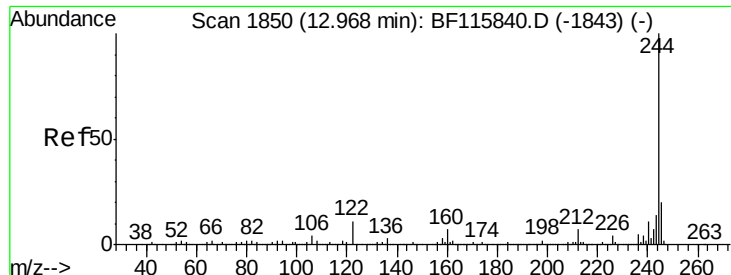
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF116214.D
 Acq: 13 Aug 2019 2:50

Tgt Ion:240 Resp: 287324
 Ion Ratio Lower Upper
 240 100
 120 10.9 10.7 16.1
 236 26.7 22.2 33.2



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: 45.883 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116214.D

Acq: 13 Aug 2019 2:50

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-C

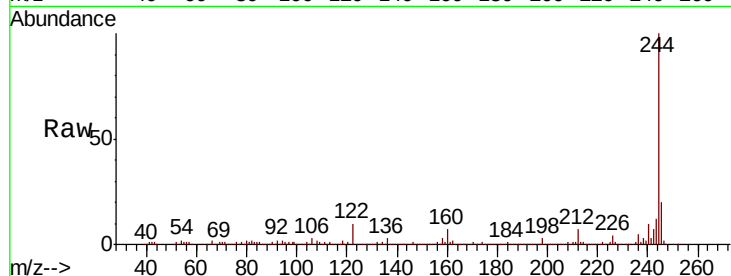
Tot Ion:244 Resp: 625645

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

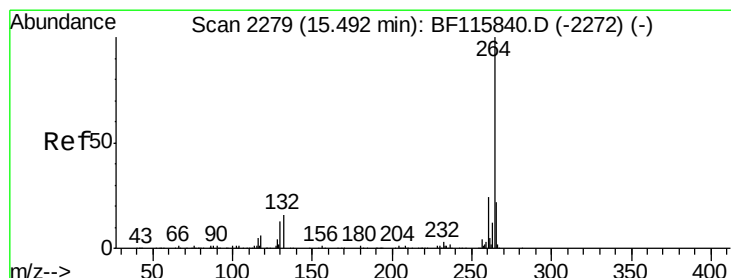
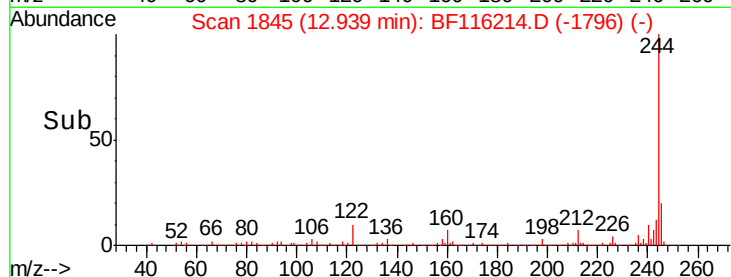
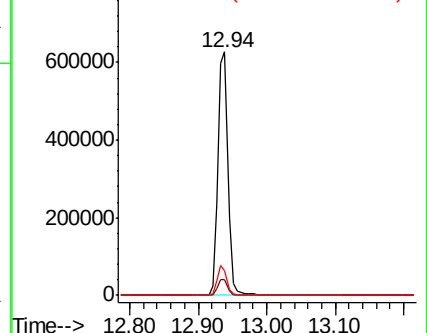
122 10.4 9.0 13.4



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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF116214.D

Acq: 13 Aug 2019 2:50

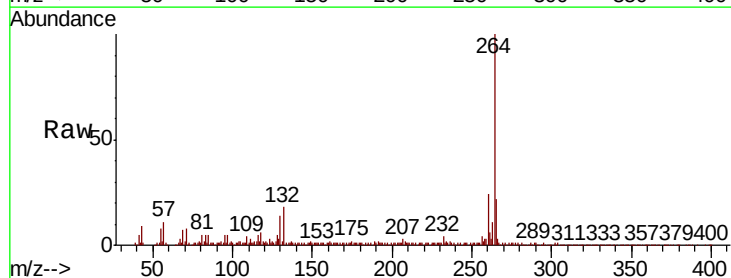
Tgt Ion:264 Resp: 267713

Ion Ratio Lower Upper

264 100

260 24.1 19.7 29.5

265 22.4 17.4 26.0



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

