

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081919\
 Data File : BF116384.D
 Acq On : 19 Aug 2019 12:40
 Operator : HP/JU
 Sample : PB122287BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122287BL

Quant Time: Aug 19 16:16:43 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

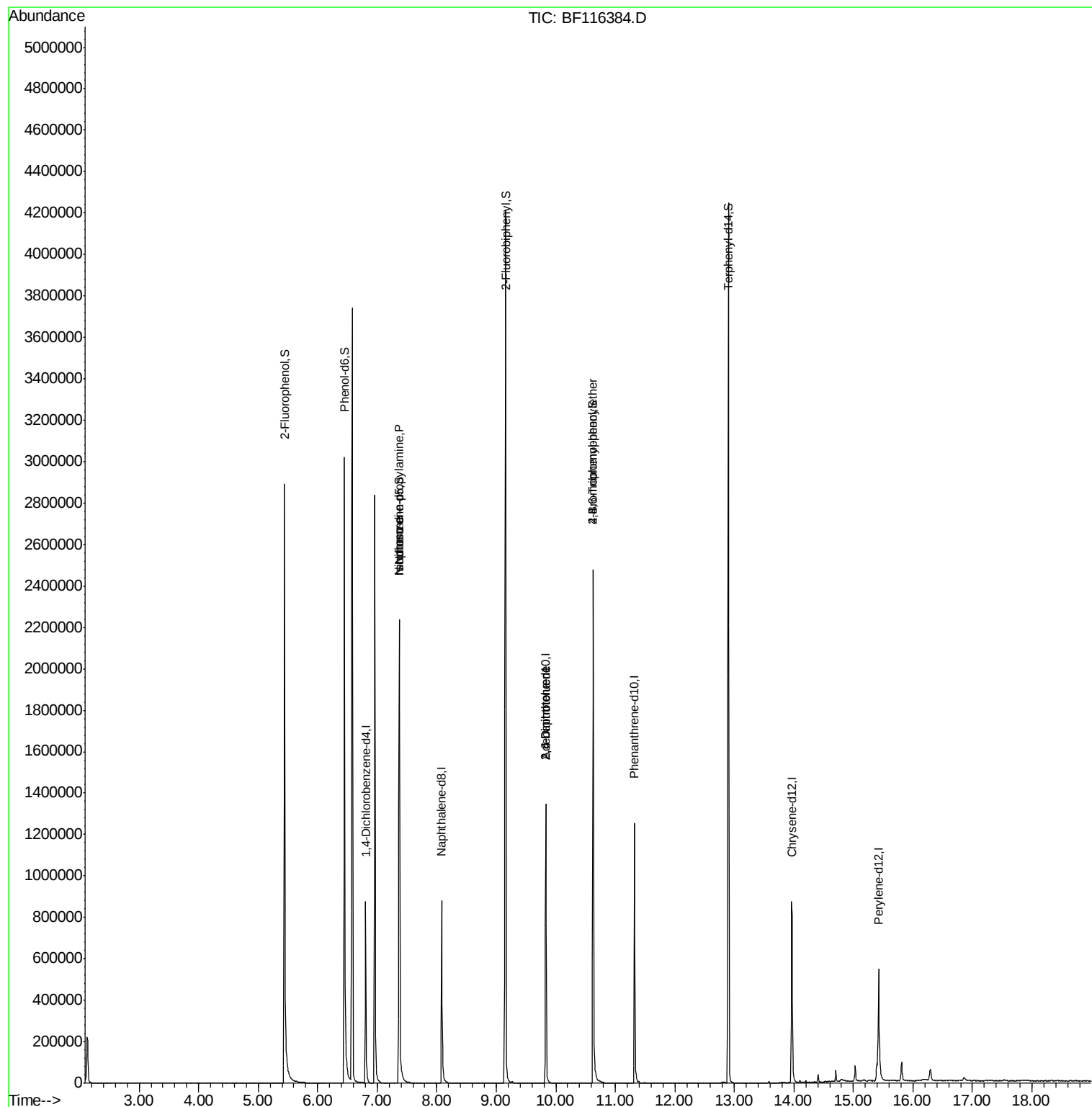
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	135296	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	513903	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	270302	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	482772	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	350633	20.00	ng	-0.02
87) Perylene-d12	15.42	264	331013	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1057099	130.80	ng	0.00
7) Phenol-d6	6.45	99	1372083	134.56	ng	-0.01
23) Nitrobenzene-d5	7.37	82	875583	98.35	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	347123	132.46	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1476109	102.29	ng	-0.01
79) Terphenyl-d14	12.90	244	1643112	98.74	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	115567	18.290	ng	# 80
25) Isophorone	7.37	82	875578	51.433	ng	# 65
51) 2,6-Dinitrotoluene	9.83	165	34397	8.600	ng	# 28
57) 2,4-Dinitrotoluene	9.83	165	34397	6.459	ng	# 20
67) 4-Bromophenyl-phenylether	10.63	248	20968	4.057	ng	# 1

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

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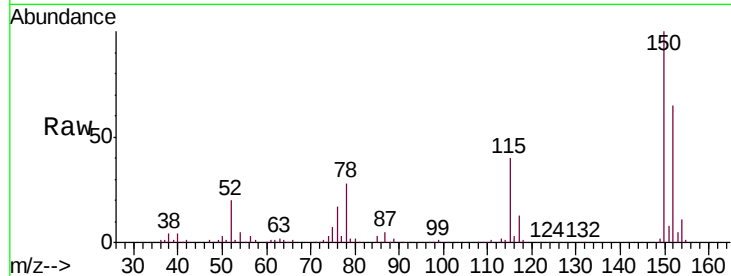




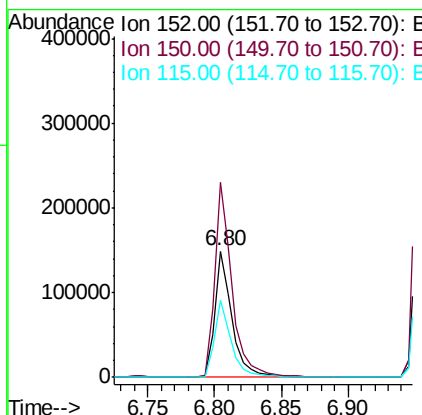
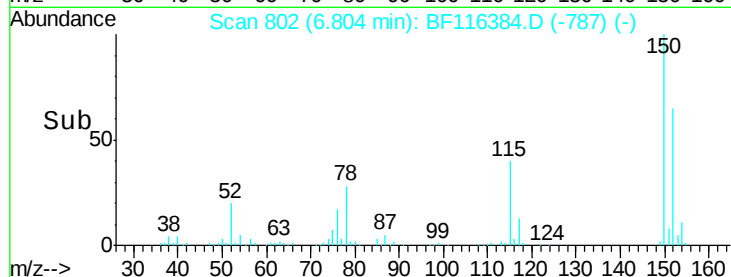
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BF116384.D
 Acq: 19 Aug 2019 12:40

Instrument :
 BNA_F
 ClientSampleId :
 PB122287BL

Tgt Ion:152 Resp: 135296
 Ion Ratio Lower Upper
 152 100
 150 154.2 126.2 189.2
 115 61.3 49.9 74.9

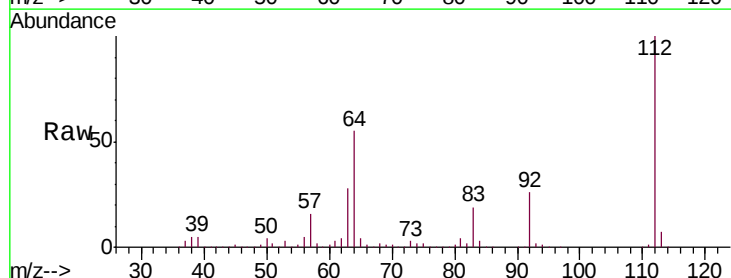


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

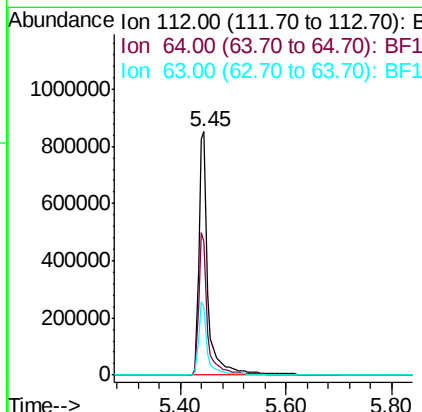
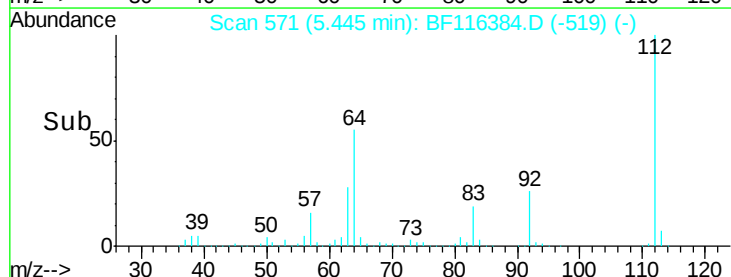


#5
 2-Fluorophenol
 Concen: 130.798 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF116384.D
 Acq: 19 Aug 2019 12:40

Tgt Ion:112 Resp: 1057099
 Ion Ratio Lower Upper
 112 100
 64 54.8 45.4 68.2
 63 28.2 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: 134.561 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116384.D

Acq: 19 Aug 2019 12:40

Instrument :

BNA_F

ClientSampleId :

PB122287BL

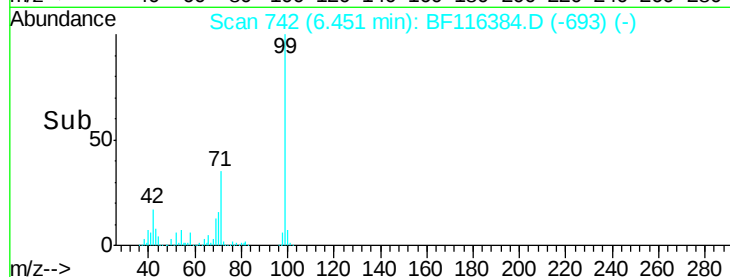
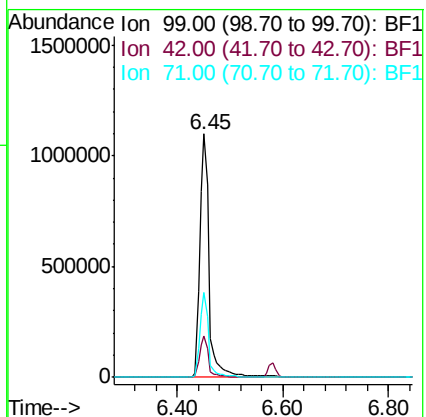
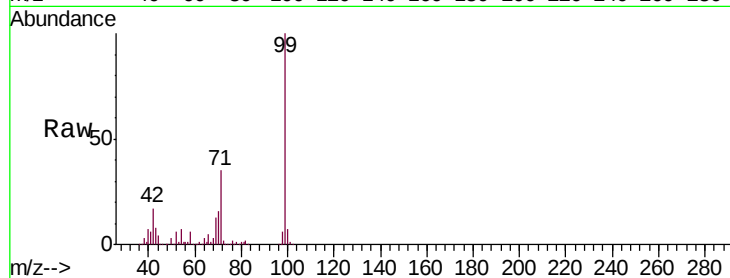
Tgt Ion: 99 Resp: 1372083

Ion Ratio Lower Upper

99 100

42 17.1 13.8 20.8

71 35.0 27.3 40.9



#19

n-Nitroso-di-n-propylamine

Concen: 18.290 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF116384.D

Acq: 19 Aug 2019 12:40

Tgt Ion: 70 Resp: 115567

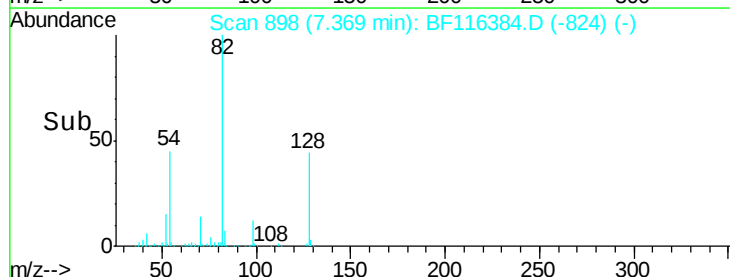
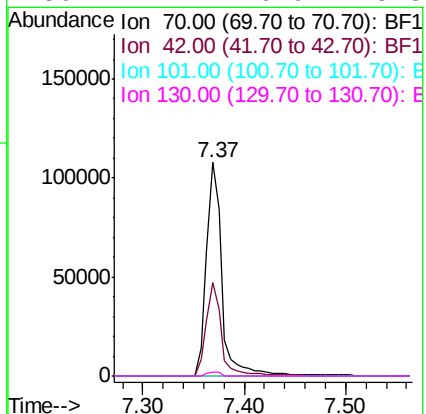
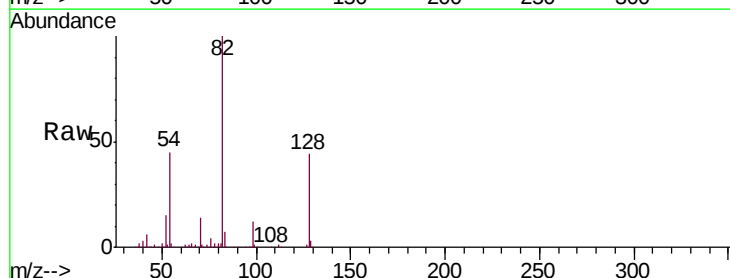
Ion Ratio Lower Upper

70 100

42 43.6 40.9 61.3

101 0.0 7.9 11.9#

130 2.1 16.9 25.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF116384.D

Acq: 19 Aug 2019 12:40

Instrument :

BNA_F

ClientSampleId :

PB122287BL

Tgt Ion: 136 Resp: 513903

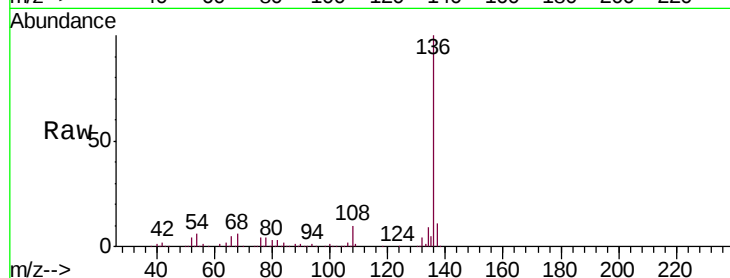
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 6.4 5.8 8.6

68 5.8 5.2 7.8

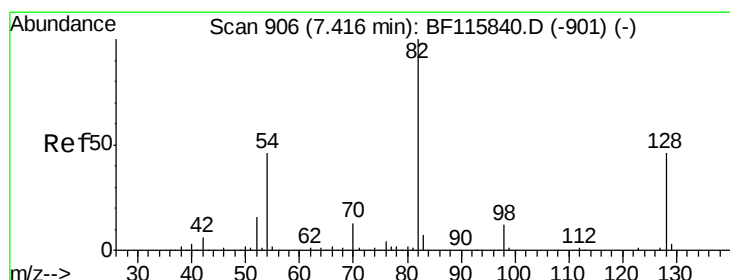
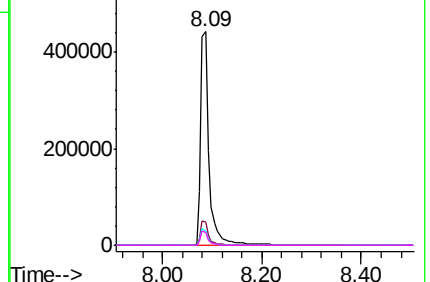
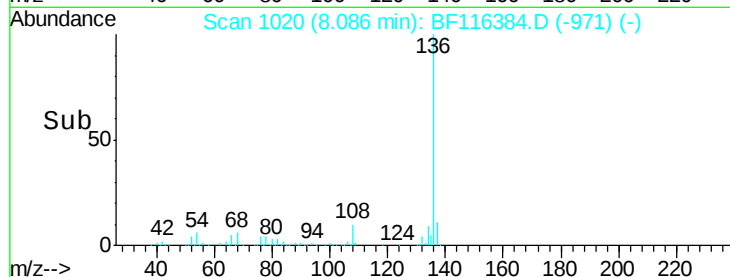


Abundance Ion 136.00 (135.70 to 136.70): E

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: 98.348 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.02 min

Lab File: BF116384.D

Acq: 19 Aug 2019 12:40

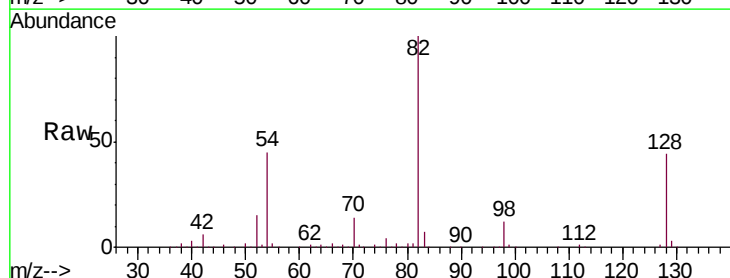
Tgt Ion: 82 Resp: 875583

Ion Ratio Lower Upper

82 100

128 44.2 36.5 54.7

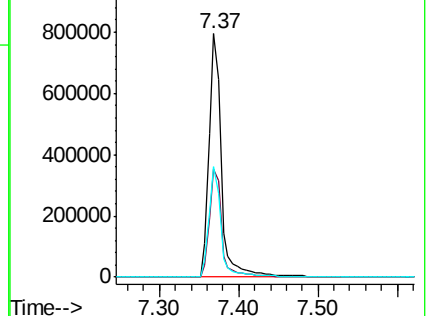
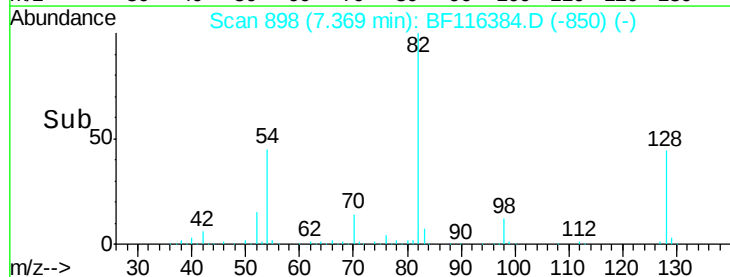
54 45.4 36.0 54.0



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

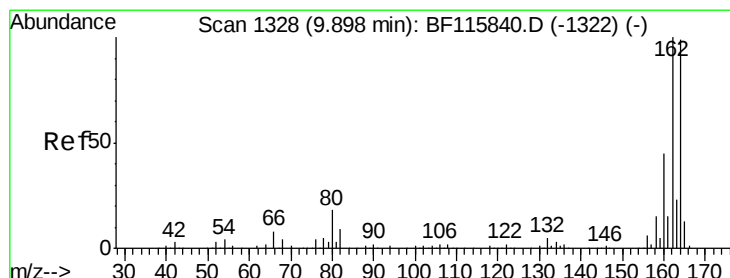
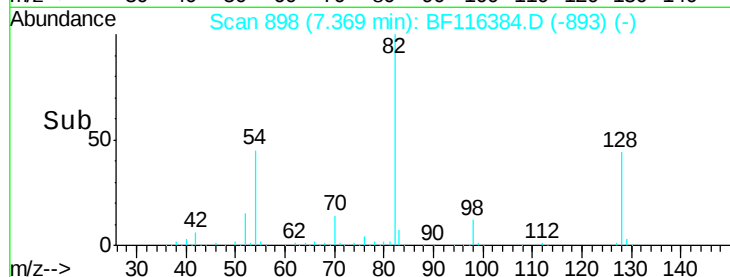
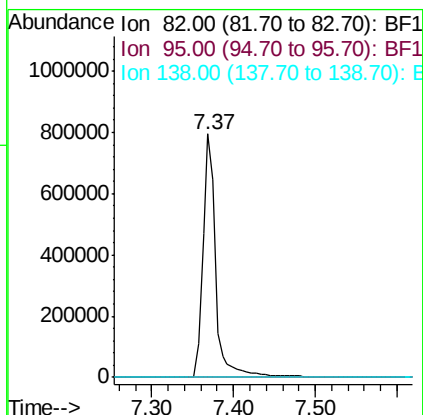
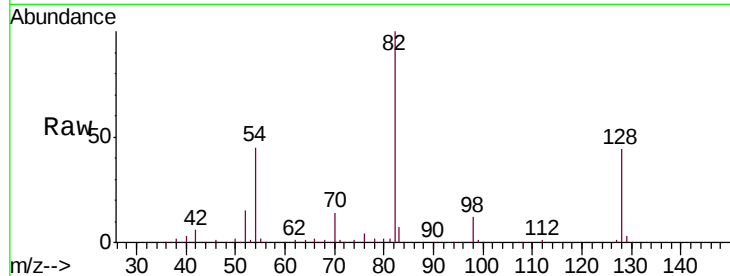




#25
Isophorone
Concen: 51.433 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.27 min
Lab File: BF116384.D
Acq: 19 Aug 2019 12:40

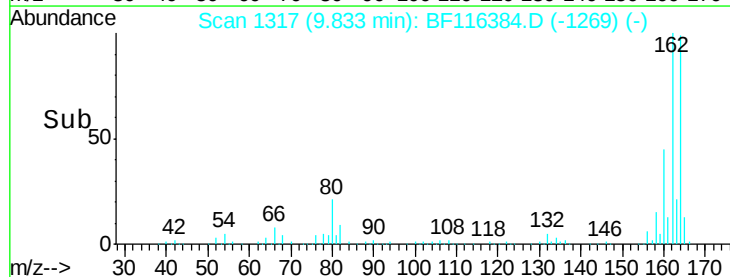
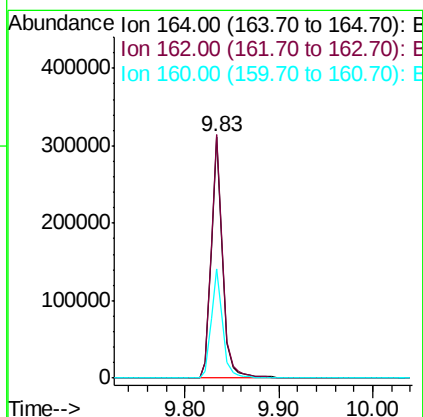
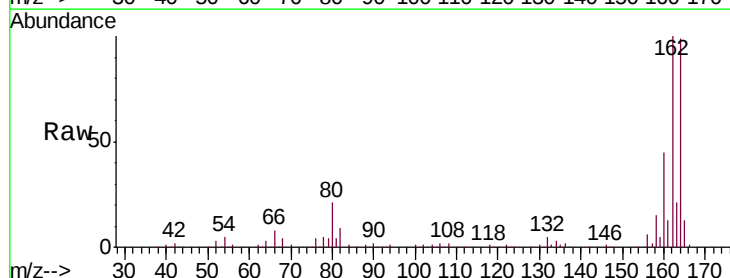
Instrument :
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ClientSampleId :
PB122287BL

Tgt Ion: 82 Resp: 875578
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF116384.D
Acq: 19 Aug 2019 12:40

Tgt Ion: 164 Resp: 270302
Ion Ratio Lower Upper
164 100
162 100.8 82.6 124.0
160 45.3 37.6 56.4

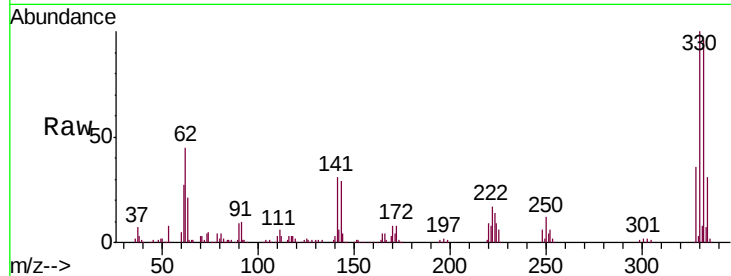




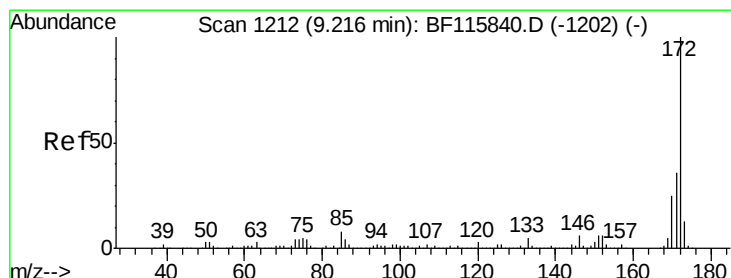
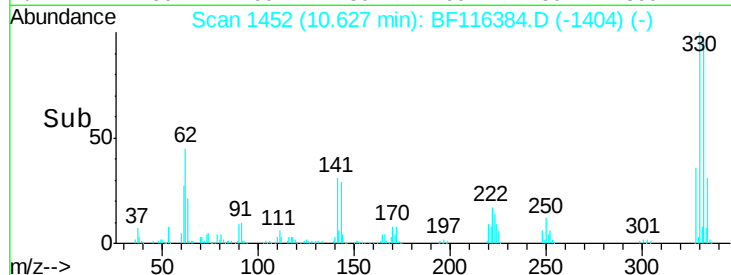
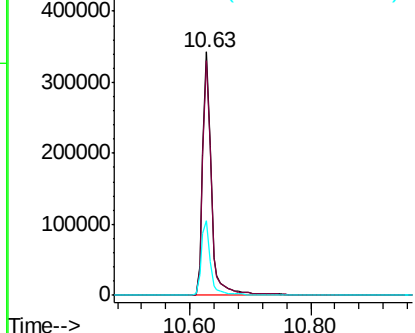
#42
 2,4,6-Tribromophenol
 Concen: 132.457 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF116384.D
 Acq: 19 Aug 2019 12:40

Instrument :
 BNA_F
 ClientSampleId :
 PB122287BL

Tgt Ion: 330 Resp: 347123
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.8 115.2
 141 32.8 26.3 39.5

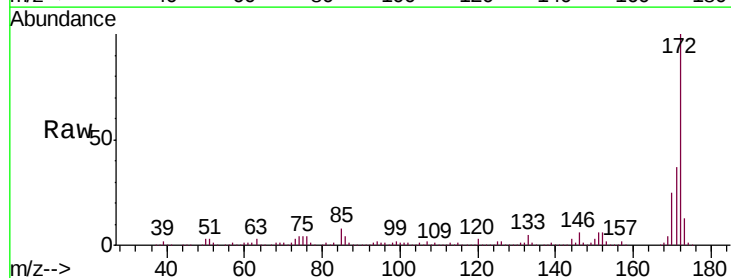


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

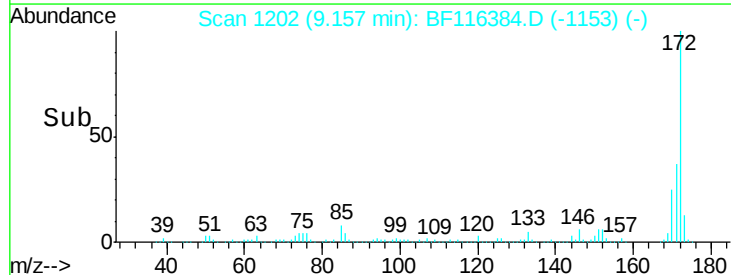
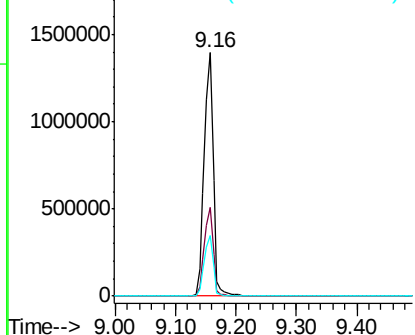


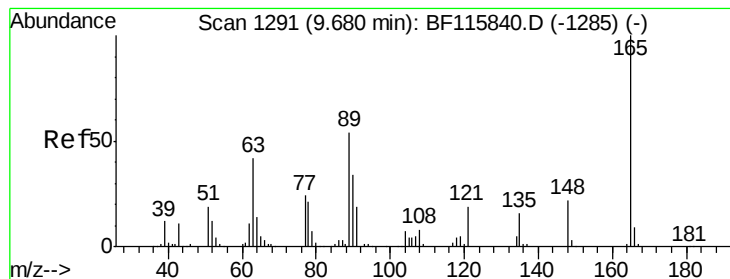
#45
 2-Fluorobiphenyl
 Concen: 102.288 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF116384.D
 Acq: 19 Aug 2019 12:40

Tgt Ion: 172 Resp: 1476109
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 25.0 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: 8.600 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.19 min

Lab File: BF116384.D

Acq: 19 Aug 2019 12:40

Instrument :

BNA_F

ClientSampleId :

PB122287BL

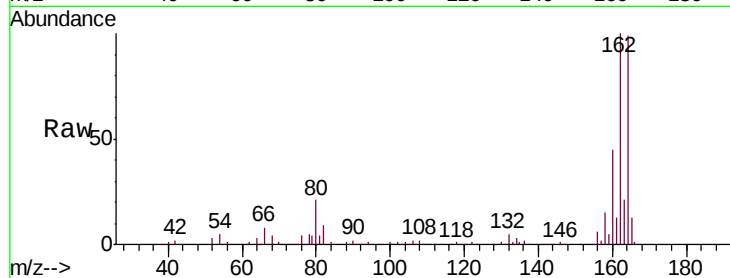
Tgt Ion:165 Resp: 34397

Ion Ratio Lower Upper

165 100

63 0.8 38.2 57.2#

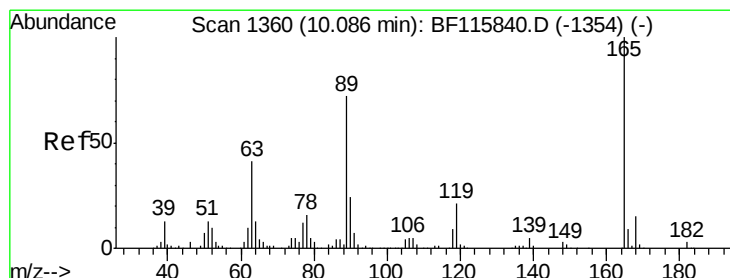
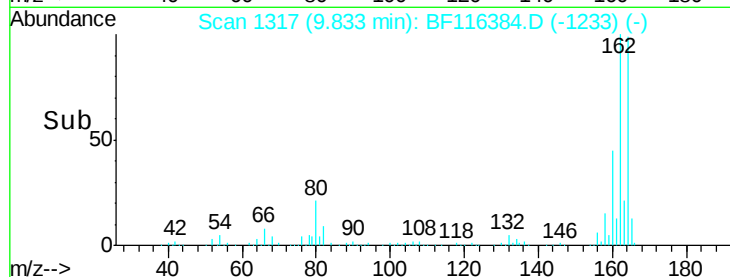
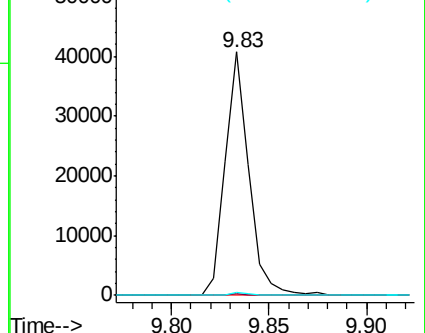
89 1.2 42.9 64.3#



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: 6.459 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.22 min

Lab File: BF116384.D

Acq: 19 Aug 2019 12:40

Tgt Ion:165 Resp: 34397

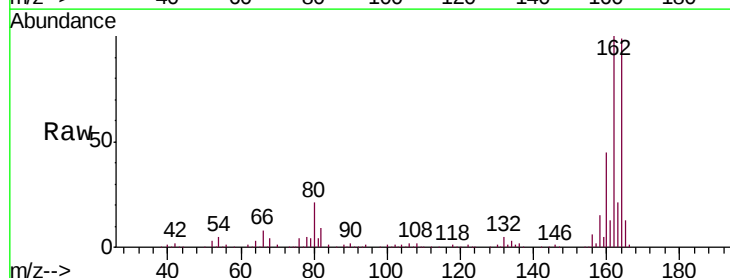
Ion Ratio Lower Upper

165 100

63 0.8 39.6 59.4#

89 1.2 62.2 93.2#

182 0.0 2.1 3.1#

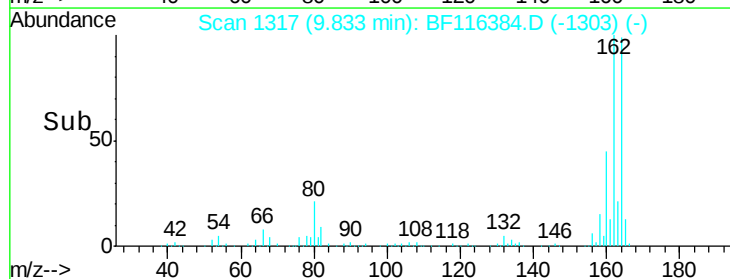
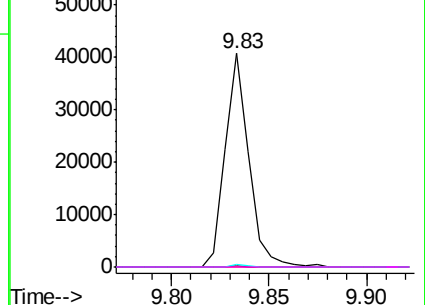


Abundance Ion 165.00 (164.70 to 165.70): E

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

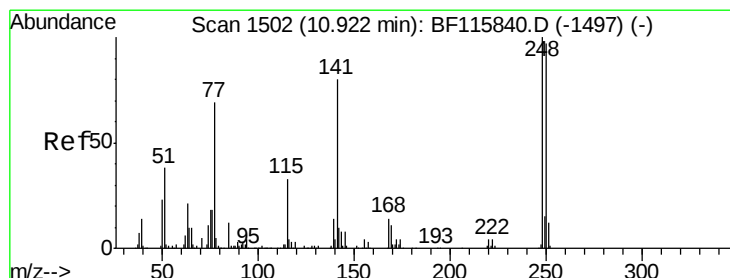
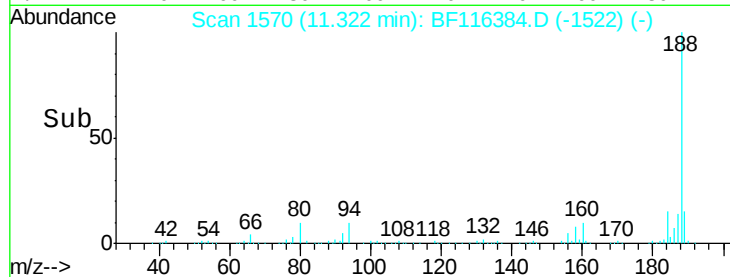
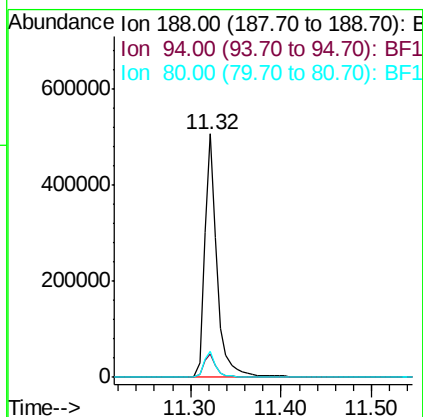
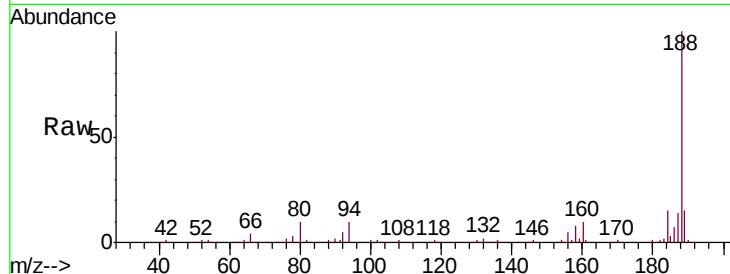




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF116384.D
 Acq: 19 Aug 2019 12:40

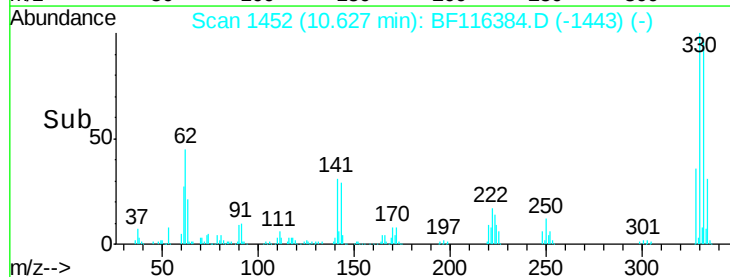
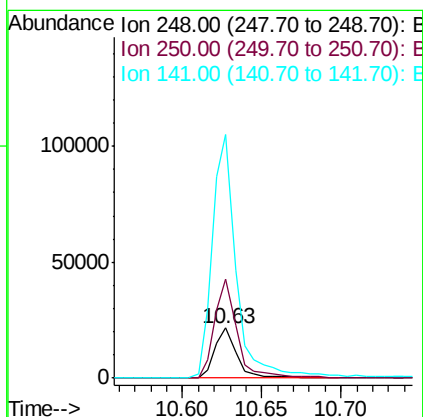
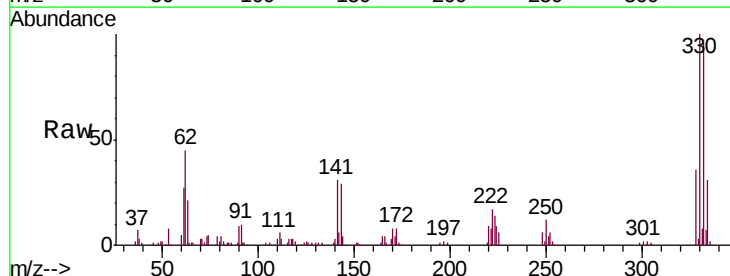
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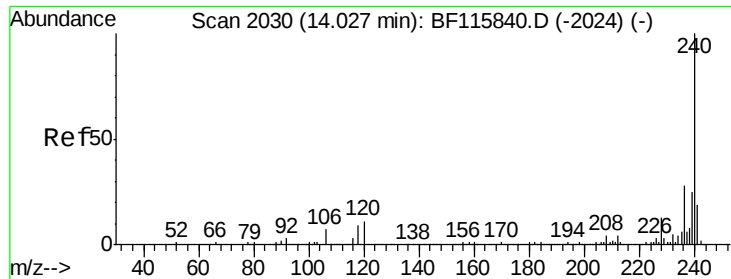
Tgt Ion:188 Resp: 482772
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.1 12.1
 80 10.5 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 4.057 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.25 min
 Lab File: BF116384.D
 Acq: 19 Aug 2019 12:40

Tgt Ion:248 Resp: 20968
 Ion Ratio Lower Upper
 248 100
 250 198.7 77.4 116.2#
 141 487.8 56.8 85.2#

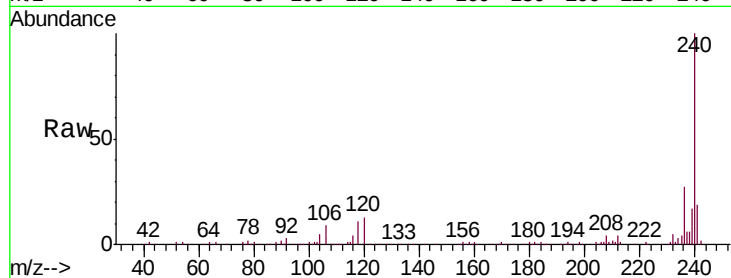




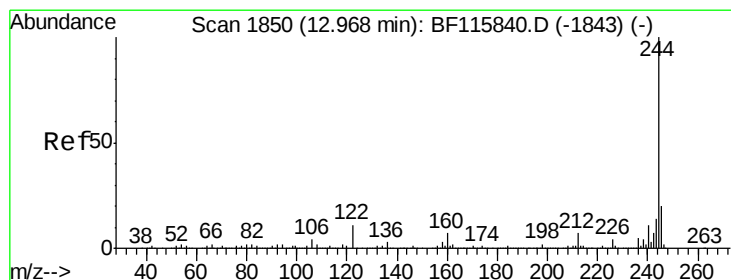
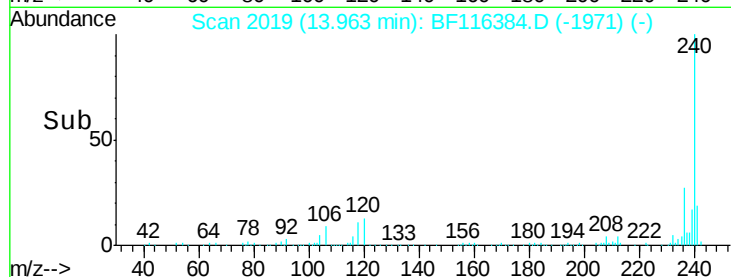
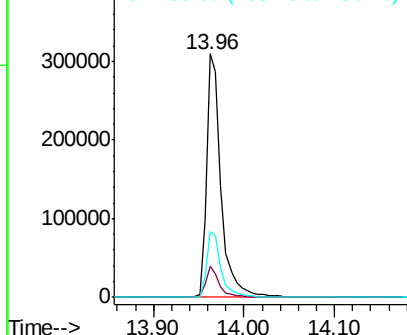
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF116384.D
 Acq: 19 Aug 2019 12:40

Instrument :
 BNA_F
 ClientSampleId :
 PB122287BL

Tgt Ion:240 Resp: 350633
 Ion Ratio Lower Upper
 240 100
 120 12.6 10.7 16.1
 236 26.9 22.2 33.2

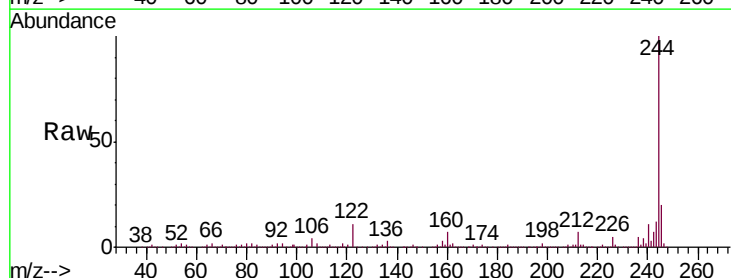


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

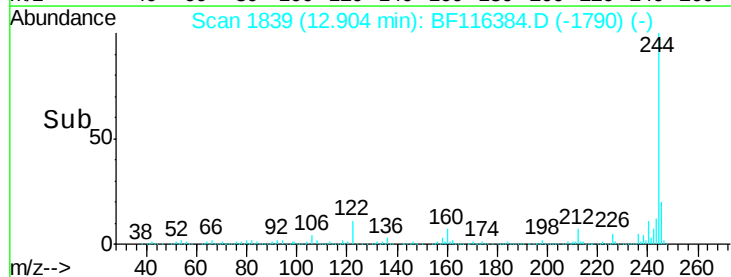
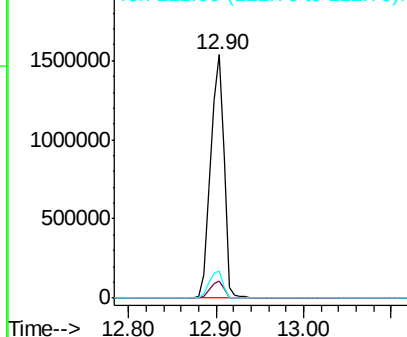


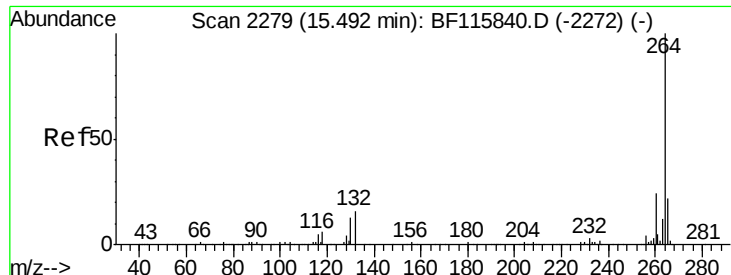
#79
 Terphenyl-d14
 Concen: 98.745 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF116384.D
 Acq: 19 Aug 2019 12:40

Tgt Ion:244 Resp: 1643112
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 11.0 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: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116384.D
Acq: 19 Aug 2019 12:40

Instrument :
BNA_F
ClientSampleId :
PB122287BL

Tgt Ion: 264 Resp: 331013

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	21.0	17.4	26.0

