

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051819\
 Data File : BF114411.D
 Acq On : 19 May 2019 1:26
 Operator : JU/SJ
 Sample : K2869-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 20 04:13:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

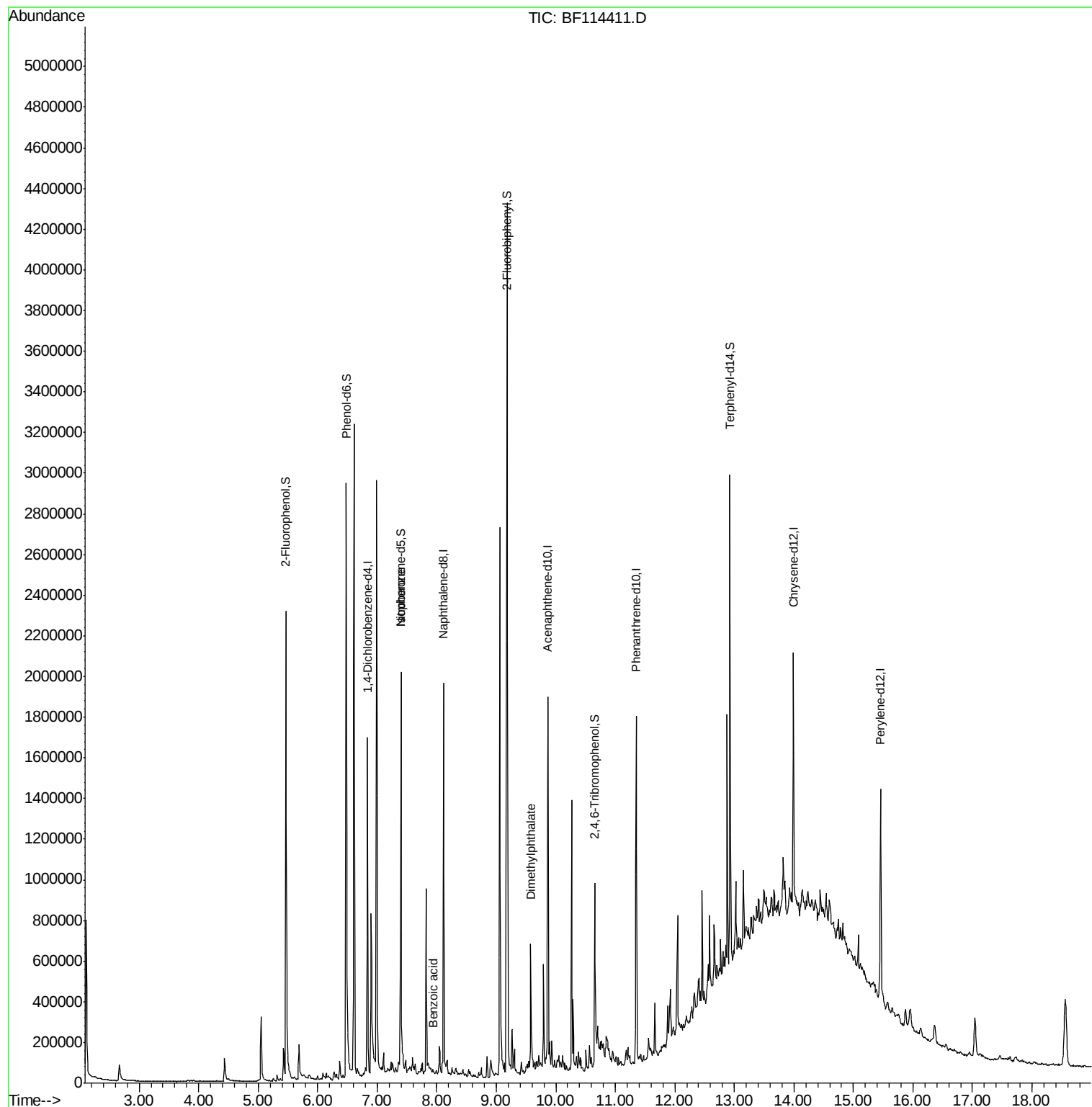
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	236078	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	877960	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	369462	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	599199	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	425229	20.00	ng	-0.03
87) Perylene-d12	15.46	264	475674	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	721504	49.18	ng	-0.01
7) Phenol-d6	6.48	99	1075604	61.99	ng	-0.01
23) Nitrobenzene-d5	7.40	82	669883	42.82	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	112212	29.38	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1125685	46.09	ng	-0.02
79) Terphenyl-d14	12.93	244	859899	41.69	ng	-0.03
Target Compounds						
25) Isophorone	7.40	82	669883	23.088	ng	# 65
32) Benzoic acid	7.95	122	131	7.034	ng	# 1
50) Dimethylphthalate	9.58	163	179856	6.631	ng	99

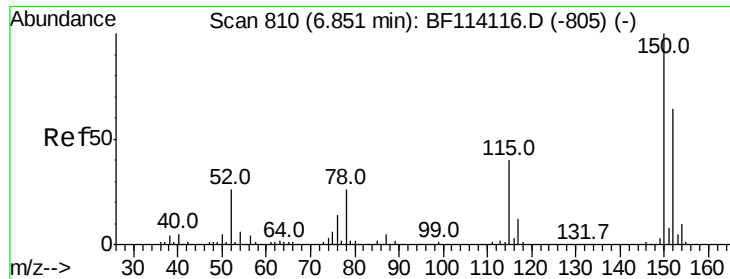
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 20 04:13:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration



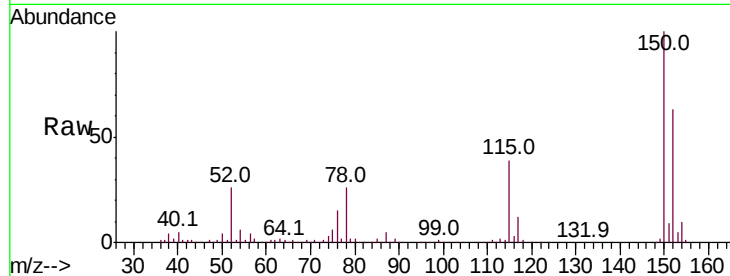


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF114411.D
Acq: 19 May 2019 1:26

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.3	186.5
115	61.0	49.1	73.7

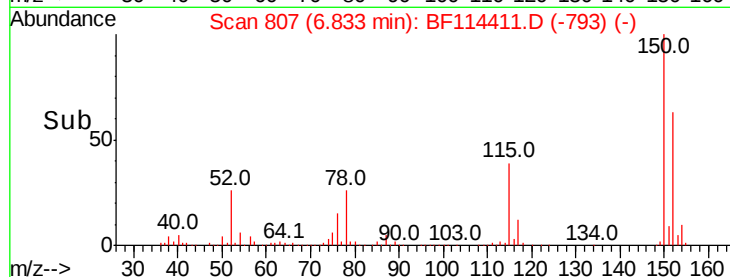
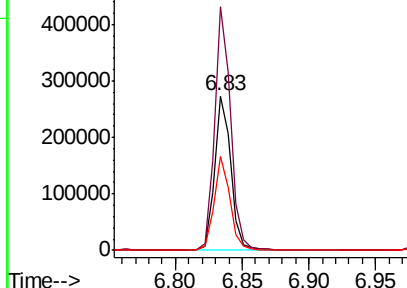


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

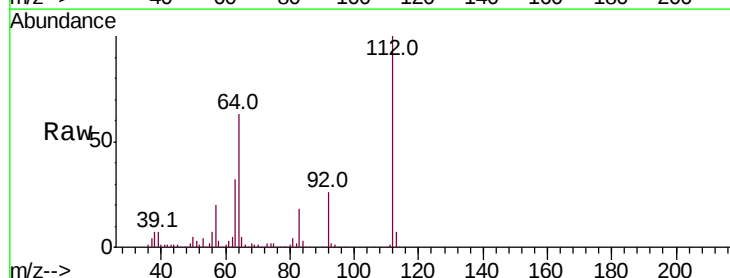
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 49.182 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF114411.D
Acq: 19 May 2019 1:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.3	49.0	73.6
63	31.9	24.6	37.0

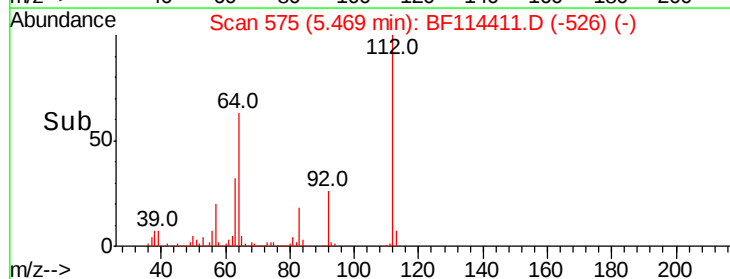
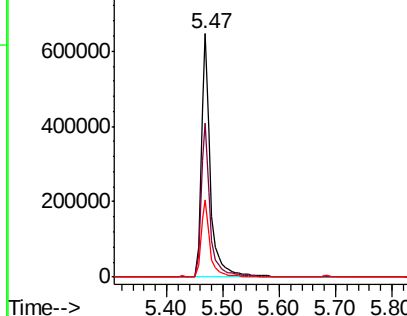


Abundance

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: 61.992 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114411.D

Acq: 19 May 2019 1:26

Instrument :

BNA_F

ClientSampled :

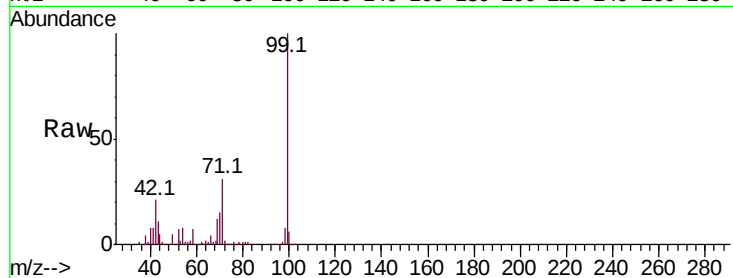
Tot Ion: 99 Resp: 1075604

Ion Ratio Lower Upper

99 100

42 21.0 17.9 26.9

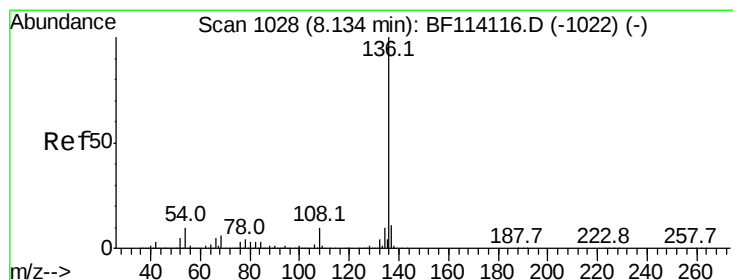
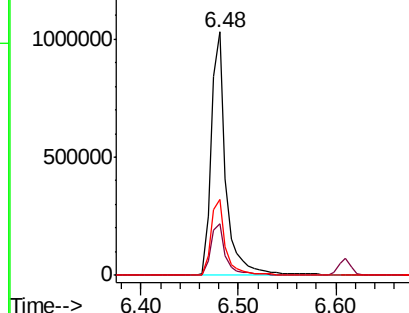
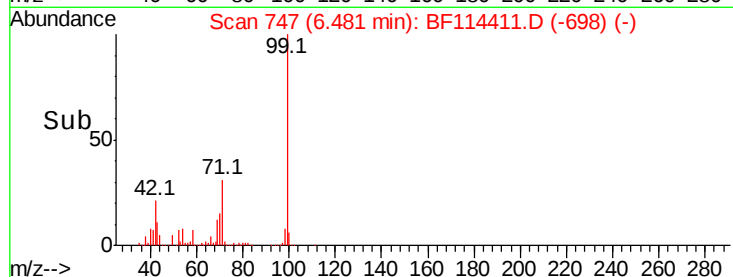
71 31.4 26.2 39.2



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. -0.02 min

Lab File: BF114411.D

Acq: 19 May 2019 1:26

Tgt Ion: 136 Resp: 877960

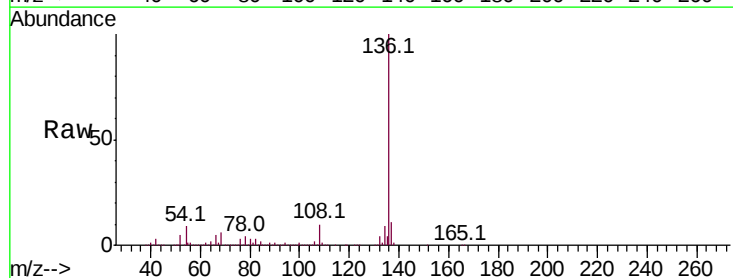
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.2 7.8 11.8

68 6.4 5.1 7.7

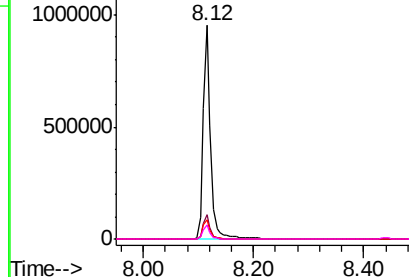
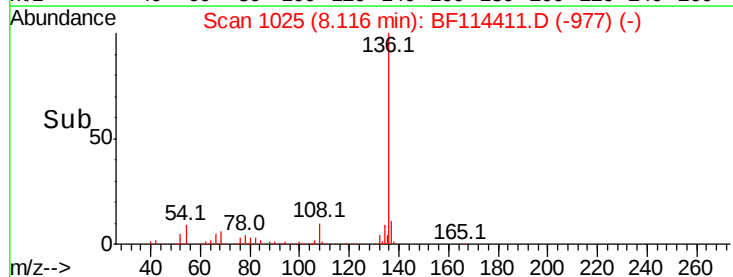


Abundance Ion 136.00 (135.70 to 136.70): E

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

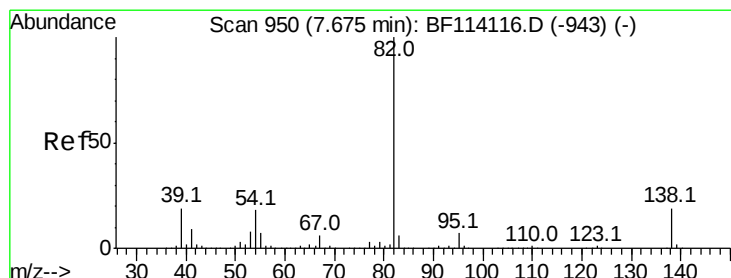
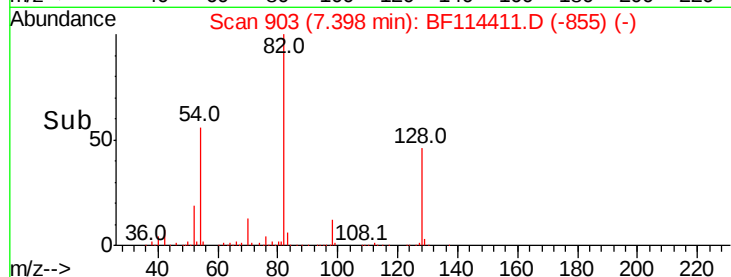
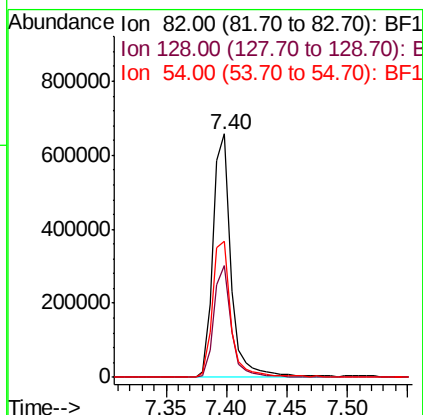
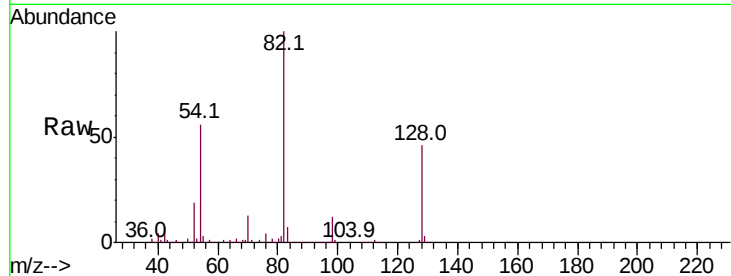




#23
 Nitrobenzene-d5
 Concen: 42.820 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF114411.D
 Acq: 19 May 2019 1:26

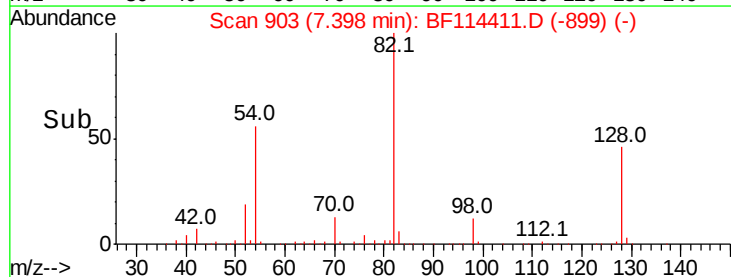
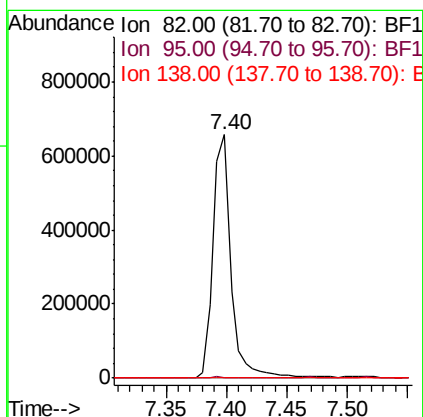
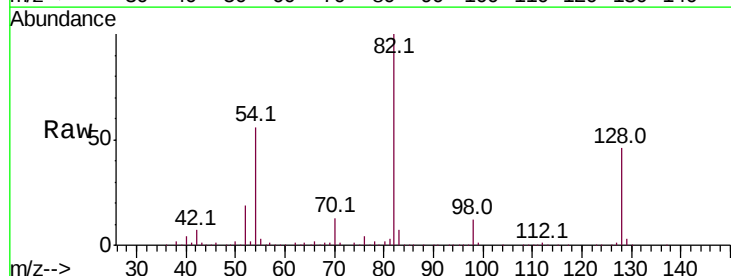
Instrument :
 BNA_F
 ClientSampleId :

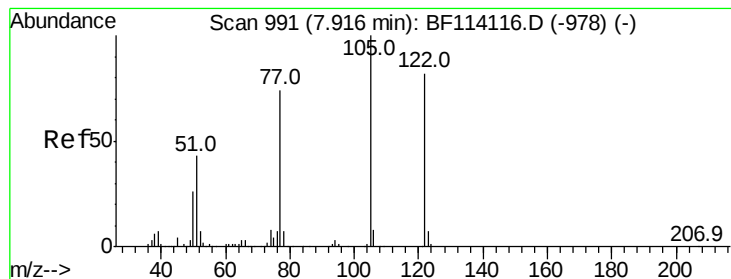
Tot Ion: 82 Resp: 669883
 Ion Ratio Lower Upper
 82 100
 128 46.1 35.5 53.3
 54 55.8 48.5 72.7



#25
 Isophorone
 Concen: 23.088 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.28 min
 Lab File: BF114411.D
 Acq: 19 May 2019 1:26

Tgt Ion: 82 Resp: 669883
 Ion Ratio Lower Upper
 82 100
 95 0.4 5.6 8.4#
 138 0.0 14.8 22.2#





#32

Benzoic acid

Concen: 7.034 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.04 min

Lab File: BF114411.D

Acq: 19 May 2019 1:26

Instrument :

BNA_F

ClientSampled :

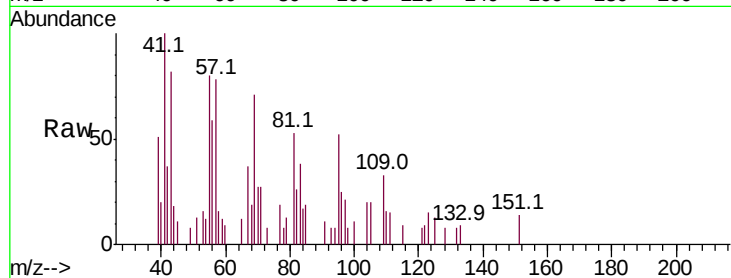
Tot Ion:122 Resp: 131

Ion Ratio Lower Upper

122 100

105 219.4 99.9 139.9#

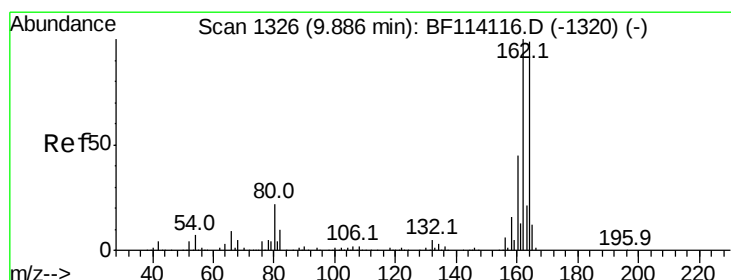
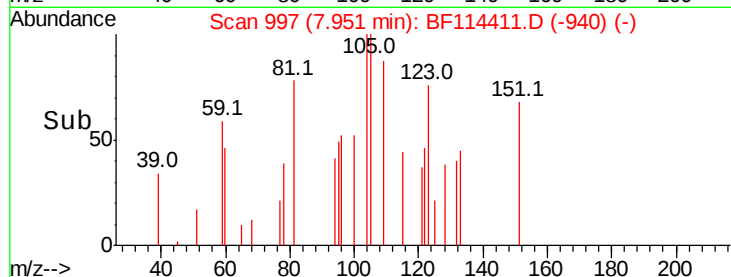
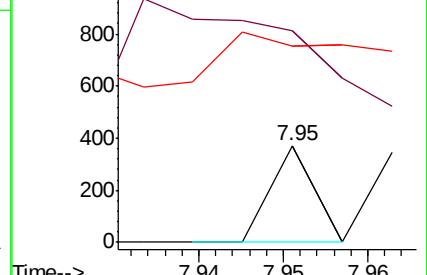
77 203.5 69.4 109.4#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF114411.D

Acq: 19 May 2019 1:26

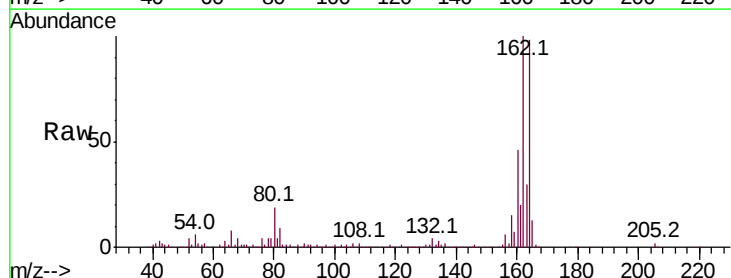
Tgt Ion:164 Resp: 369462

Ion Ratio Lower Upper

164 100

162 101.8 80.6 120.8

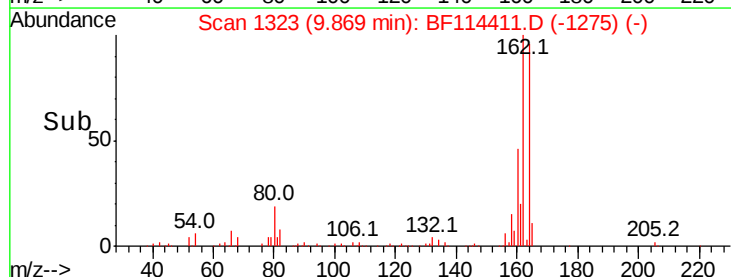
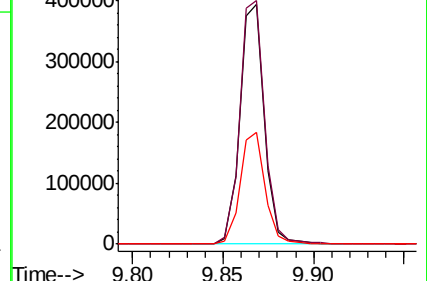
160 46.7 36.5 54.7



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: 29.378 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BF114411.D

Acq: 19 May 2019 1:26

Instrument :

BNA_F

ClientSampleId :

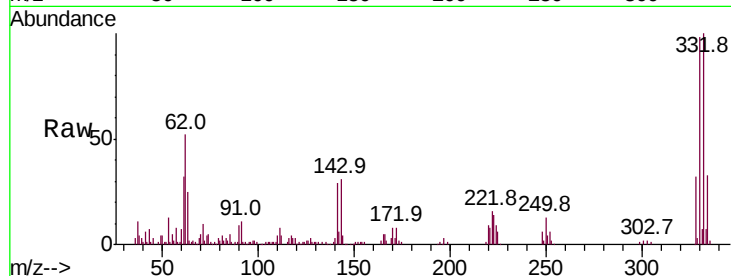
Tot Ion:330 Resp: 112212

Ion Ratio Lower Upper

330 100

332 101.2 81.4 122.2

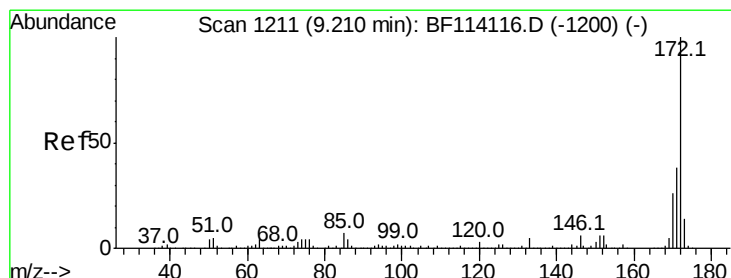
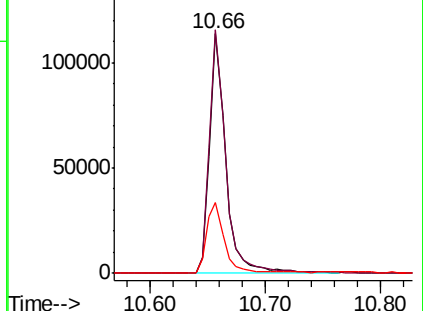
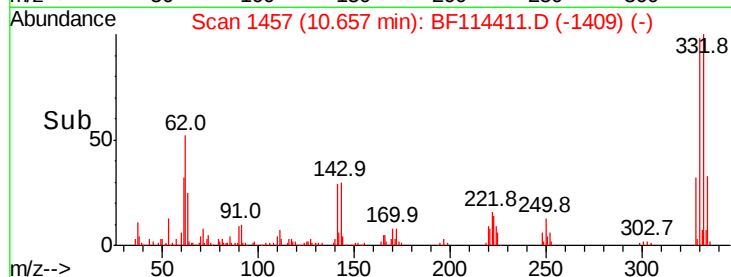
141 32.5 26.6 40.0



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: 46.088 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF114411.D

Acq: 19 May 2019 1:26

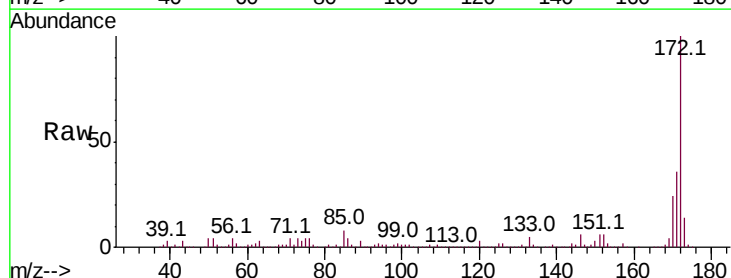
Tgt Ion:172 Resp: 1125685

Ion Ratio Lower Upper

172 100

171 35.9 30.7 46.1

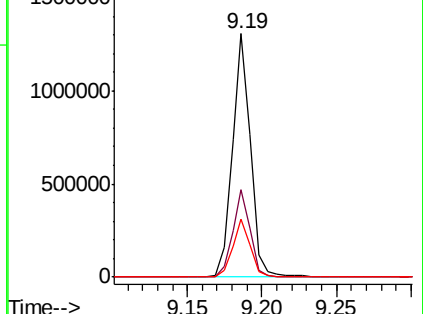
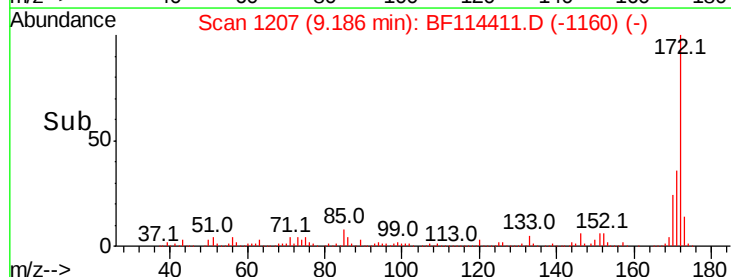
170 23.7 20.5 30.7

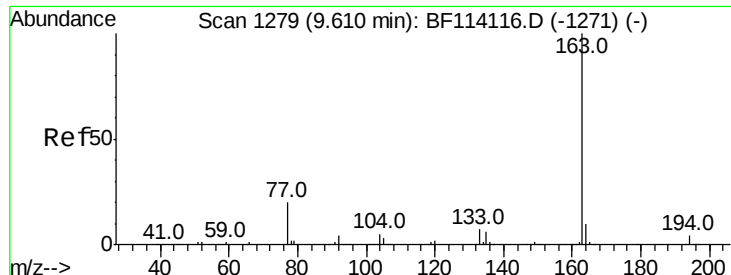


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.631 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.03 min

Lab File: BF114411.D

Acq: 19 May 2019 1:26

Instrument :

BNA_F

ClientSampled :

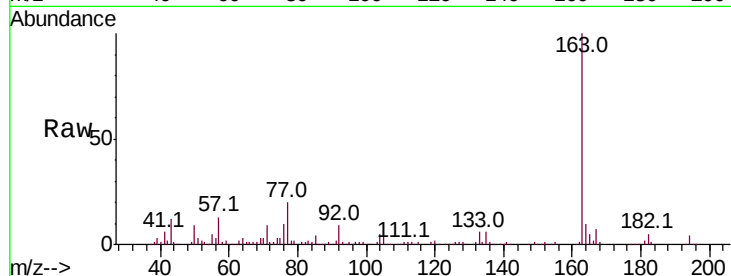
Tot Ion:163 Resp: 179856

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

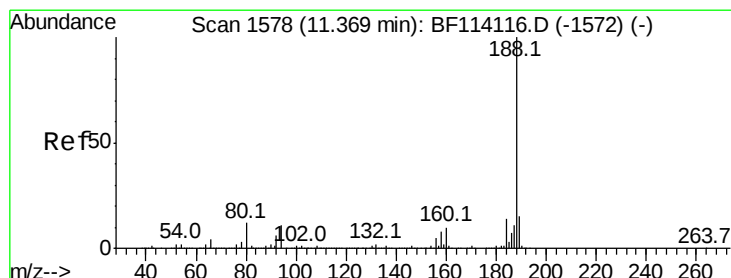
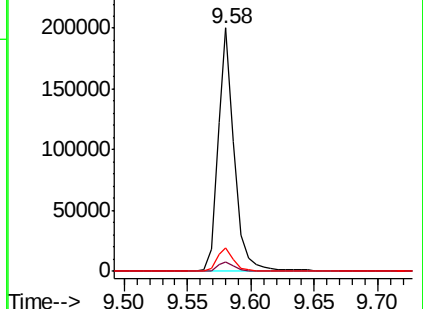
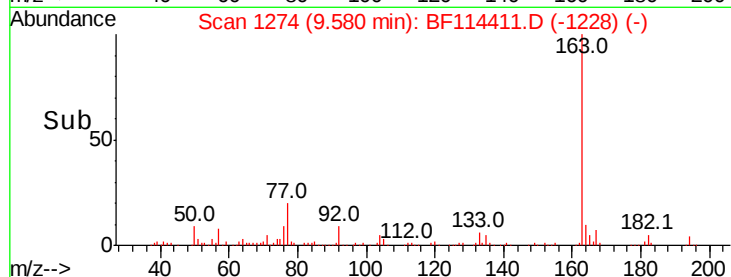
164 9.8 8.2 12.2



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF114411.D

Acq: 19 May 2019 1:26

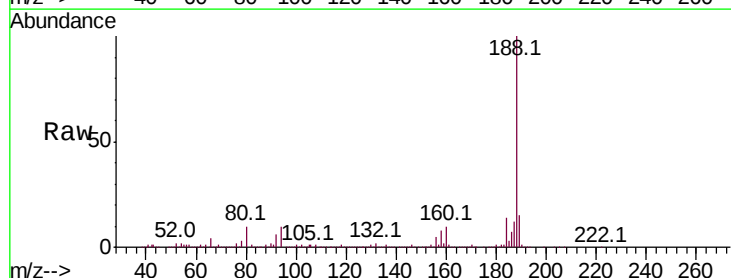
Tgt Ion:188 Resp: 599199

Ion Ratio Lower Upper

188 100

94 10.0 8.4 12.6

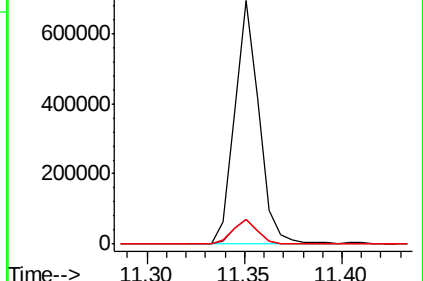
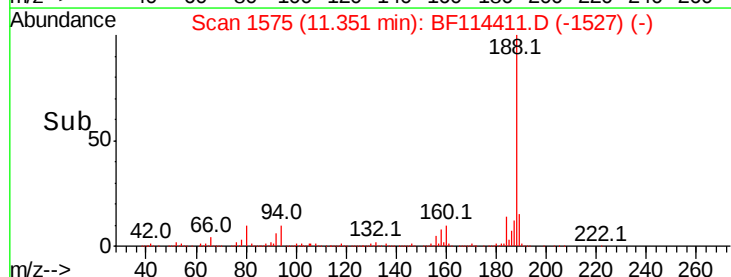
80 10.0 9.2 13.8

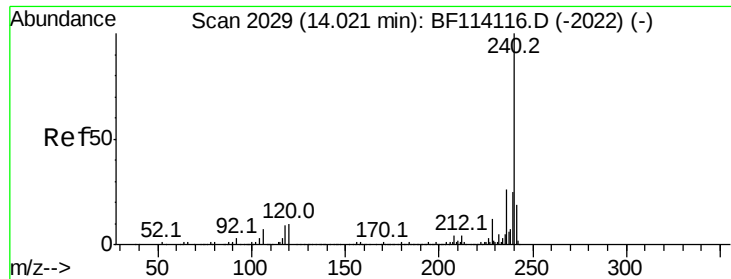


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

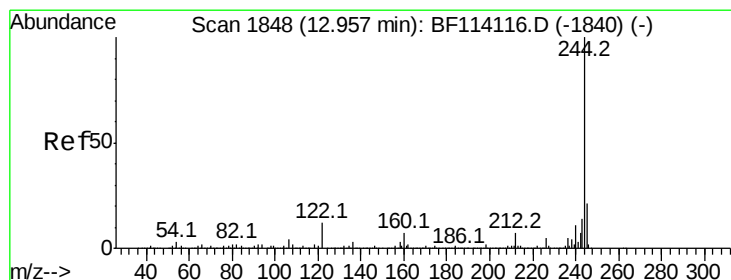
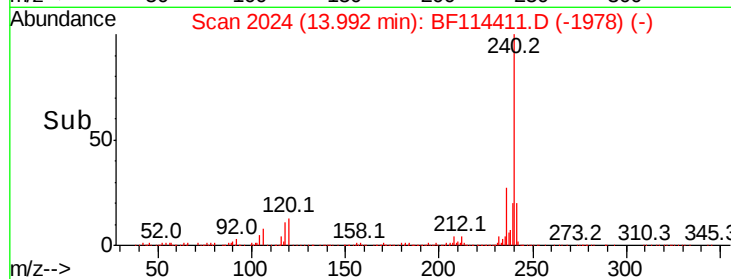
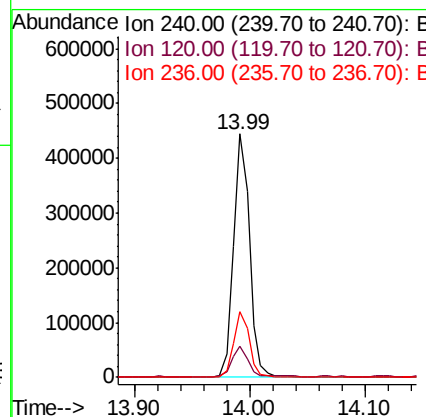
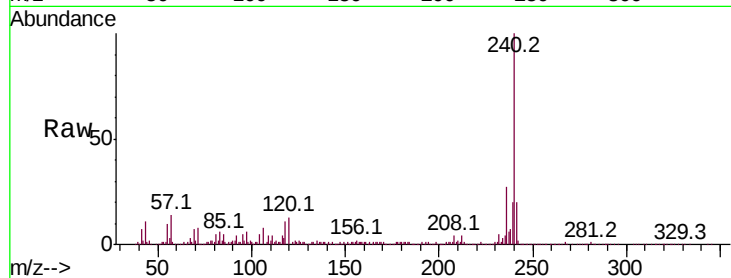




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.03 min
 Lab File: BF114411.D
 Acq: 19 May 2019 1:26

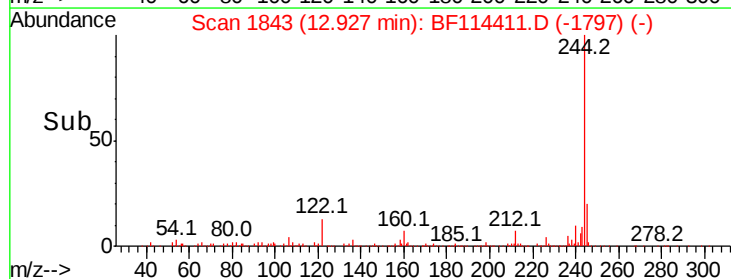
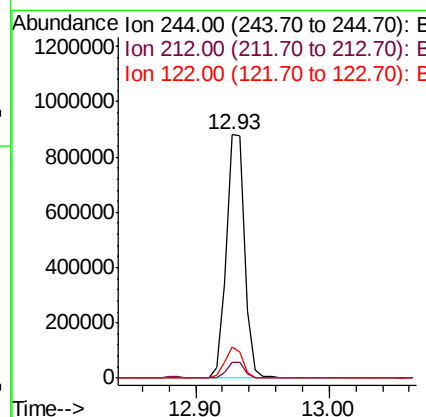
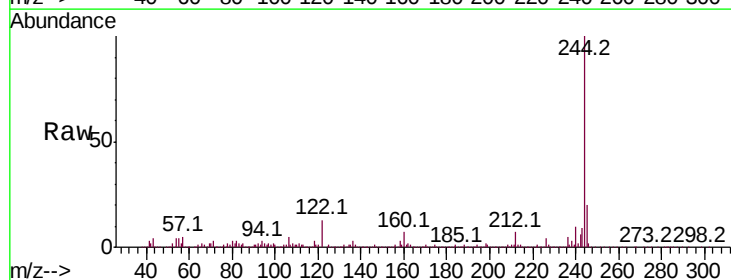
Instrument :
 BNA_F
 ClientSampled :

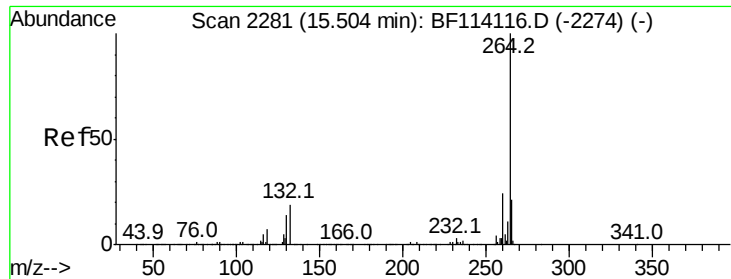
Tot Ion:240 Resp: 425229
 Ion Ratio Lower Upper
 240 100
 120 12.9 8.3 12.5#
 236 26.8 20.8 31.2



#79
 Terphenyl-d14
 Concen: 41.686 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.03 min
 Lab File: BF114411.D
 Acq: 19 May 2019 1:26

Tgt Ion:244 Resp: 859899
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.6
 122 12.9 9.4 14.2

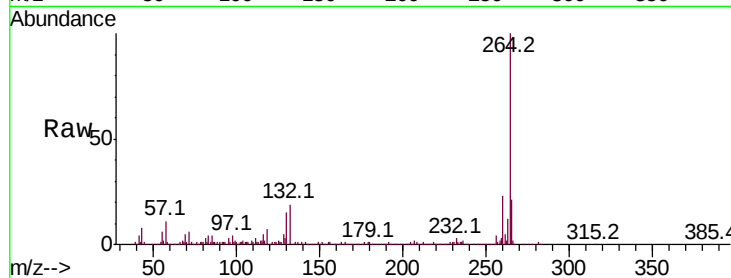




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.05 min
Lab File: BF114411.D
Acq: 19 May 2019 1:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	21.3	16.9	25.3



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

