

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
 Data File : BF116232.D
 Acq On : 13 Aug 2019 15:27
 Operator : HP/JU
 Sample : K4230-29
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 REACTOR-3A-(0-3)-COMP

Quant Time: Aug 14 00:23:53 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

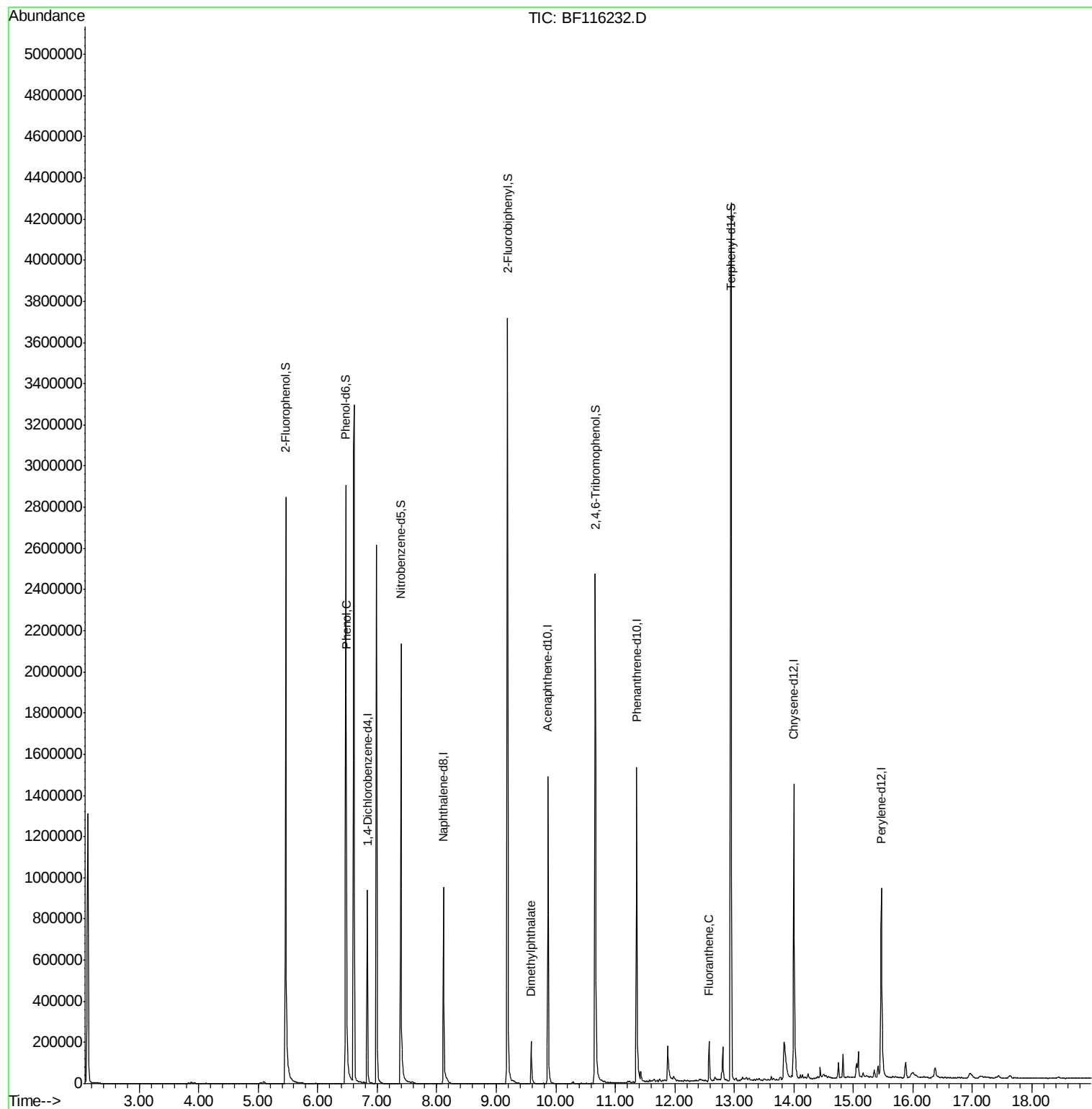
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	145123	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	569188	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	317915	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	614558	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	518489	20.00	ng	0.00
87) Perylene-d12	15.47	264	501558	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	940934	108.54	ng	0.00
7) Phenol-d6	6.47	99	1261907	115.38	ng	-0.01
23) Nitrobenzene-d5	7.40	82	814256	82.58	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	374558	121.52	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1362731	80.29	ng	-0.01
79) Terphenyl-d14	12.94	244	1686963	68.56	ng	0.00
Target Compounds						
10) Phenol	6.49	94	46672	3.624	ng	91
50) Dimethylphthalate	9.59	163	116555	5.384	ng	98
75) Fluoranthene	12.57	202	85614	2.603	ng	98

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

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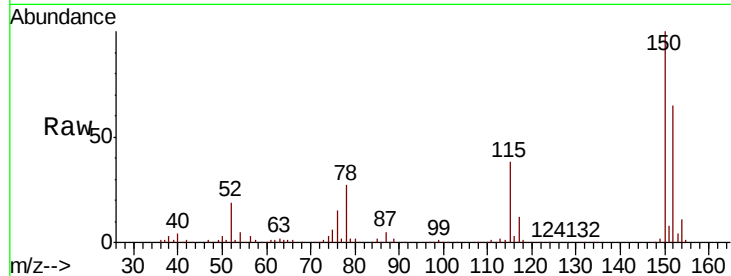


#1

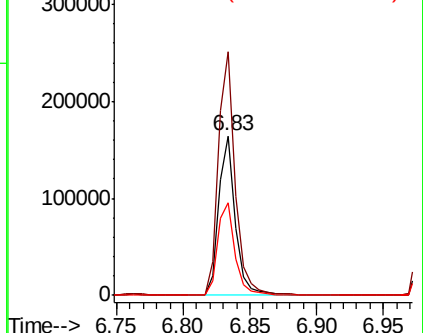
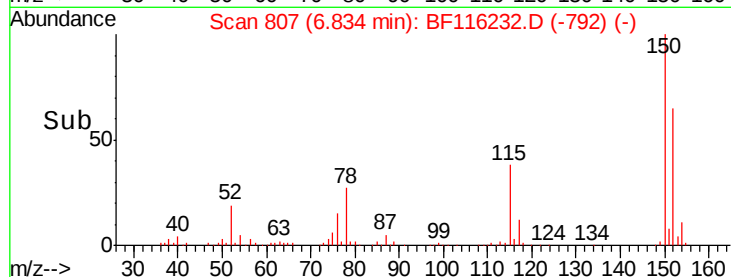
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116232.D
Acq: 13 Aug 2019 15:27

Instrument :
BNA_F
ClientSampleId :
REACTOR-3A-(0-3)-COMP

Tot Ion:152 Resp: 145123
Ion Ratio Lower Upper
152 100
150 153.0 126.2 189.2
115 58.5 49.9 74.9



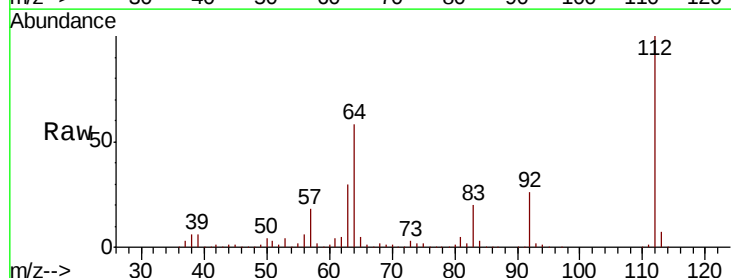
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



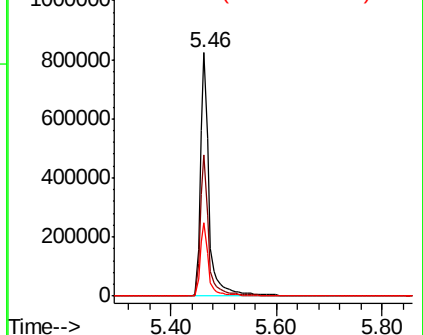
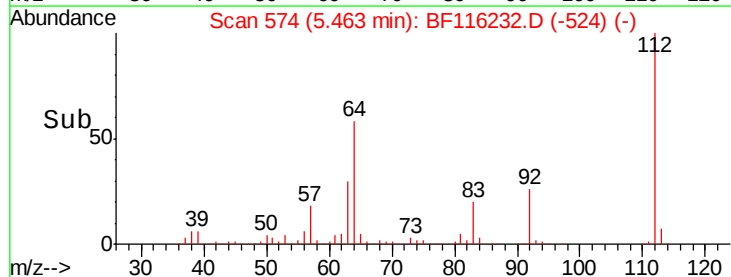
#5

2-Fluorophenol
Concen: 108.541 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116232.D
Acq: 13 Aug 2019 15:27

Tgt Ion:112 Resp: 940934
Ion Ratio Lower Upper
112 100
64 58.0 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: 115.376 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116232.D

Acq: 13 Aug 2019 15:27

Instrument :

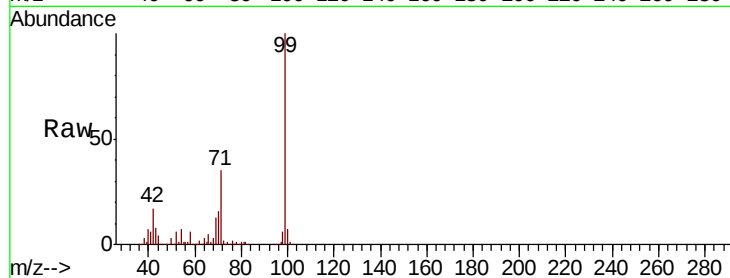
BNA_F

ClientSampleId :

REACTOR-3A-(0-3)-COMP

Tot Ion: 99 Resp: 1261907

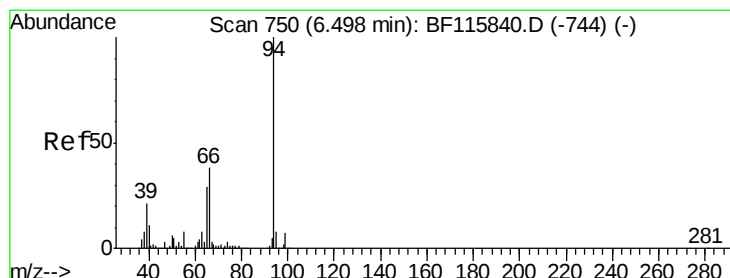
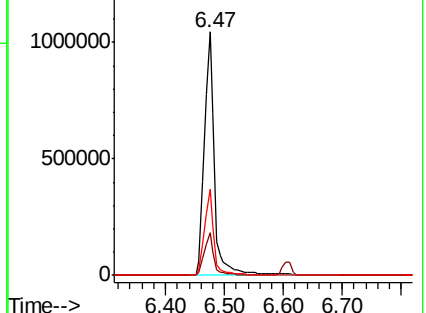
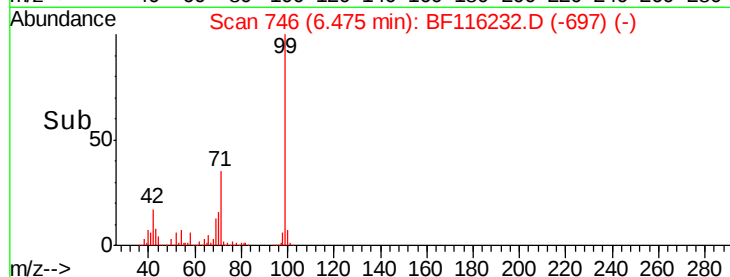
Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.8	20.8
71	35.4	27.3	40.9



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



#10

Phenol

Concen: 3.624 ng

RT: 6.49 min Scan# 748

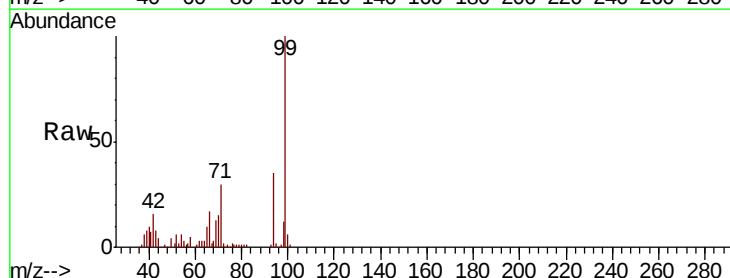
Delta R.T. -0.02 min

Lab File: BF116232.D

Acq: 13 Aug 2019 15:27

Tgt Ion: 94 Resp: 46672

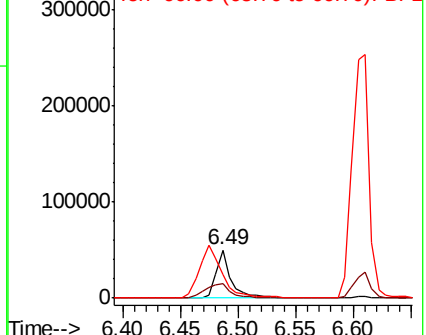
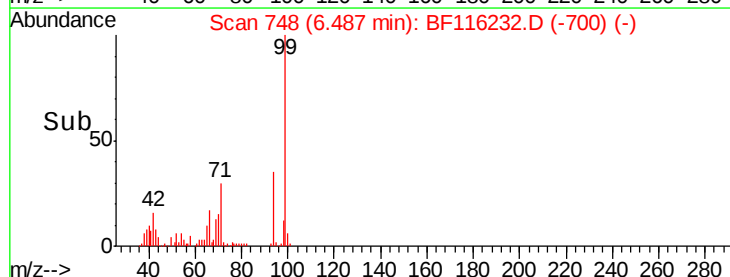
Ion	Ratio	Lower	Upper
94	100		
65	29.8	16.8	56.8
66	48.8	34.2	74.2



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116232.D

Acq: 13 Aug 2019 15:27

Instrument :

BNA_F

ClientSampleId :

REACTOR-3A-(0-3)-COMP

Tot Ion:136 Resp: 569188

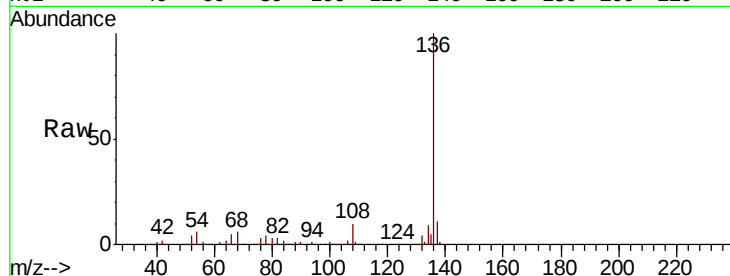
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 6.3 5.8 8.6

68 5.7 5.2 7.8

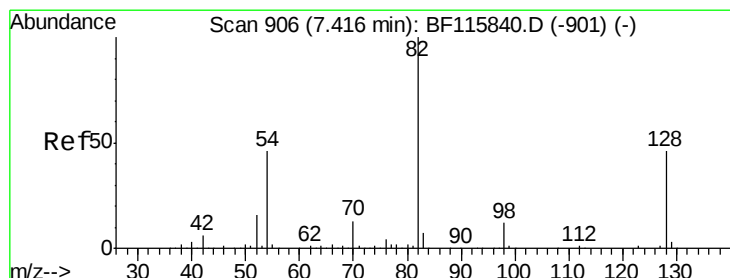
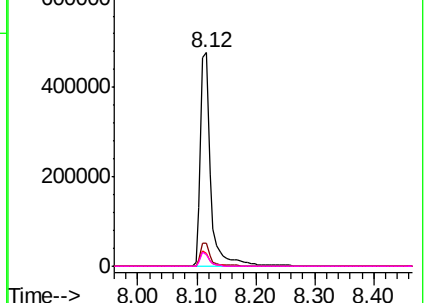
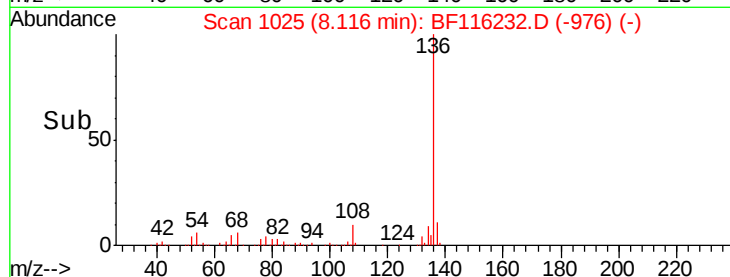


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.576 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF116232.D

Acq: 13 Aug 2019 15:27

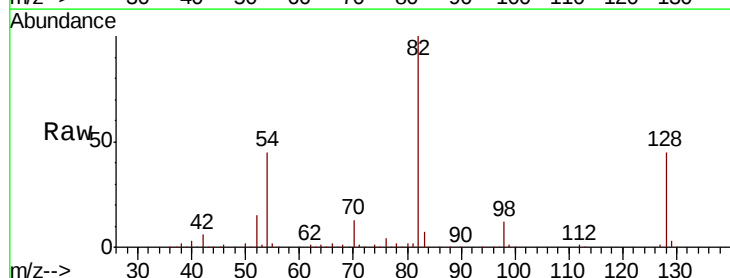
Tgt Ion: 82 Resp: 814256

Ion Ratio Lower Upper

82 100

128 45.5 36.5 54.7

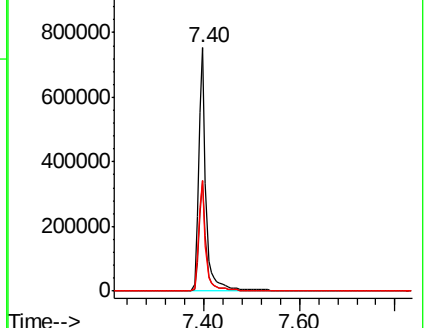
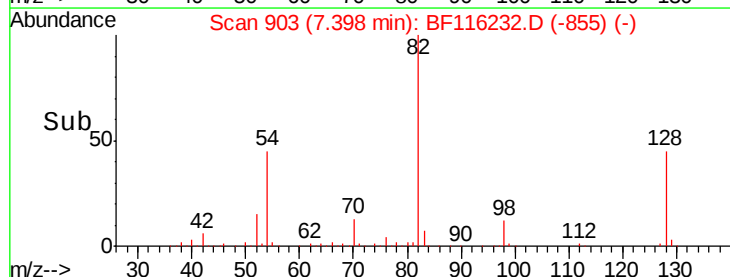
54 45.2 36.0 54.0

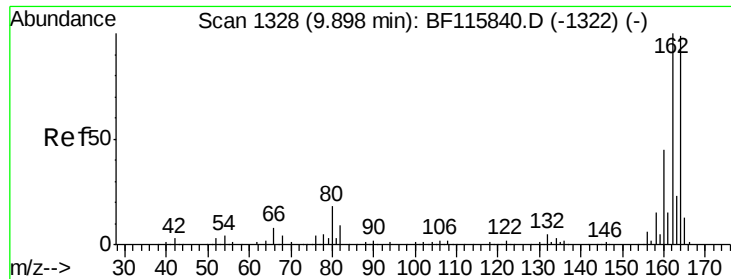


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

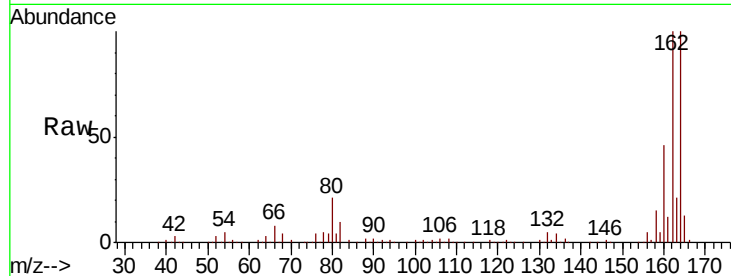




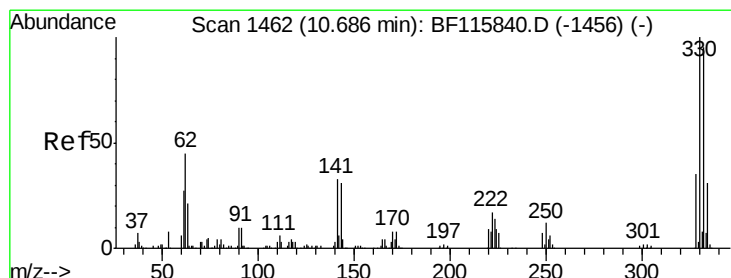
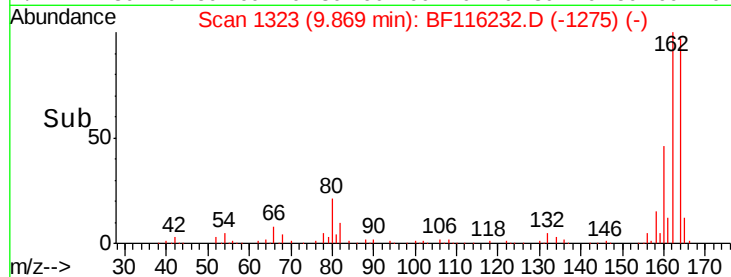
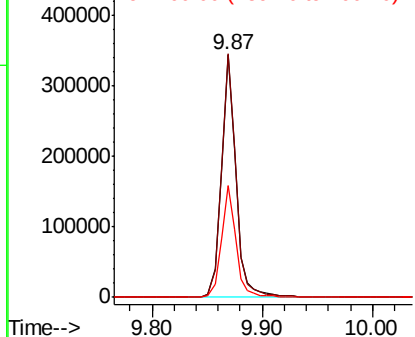
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116232.D
Acq: 13 Aug 2019 15:27

Instrument :
BNA_F
ClientSampleId :
REACTOR-3A-(0-3)-COMP

Tot Ion:164 Resp: 317915
Ion Ratio Lower Upper
164 100
162 100.3 82.6 124.0
160 45.9 37.6 56.4

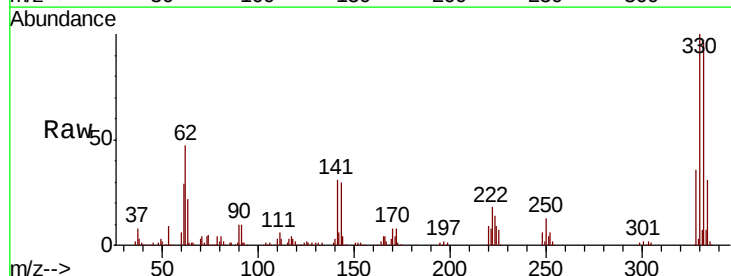


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

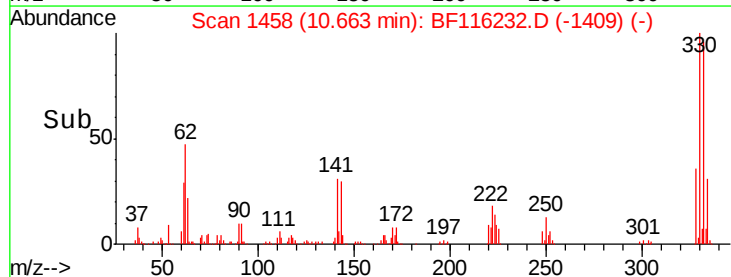
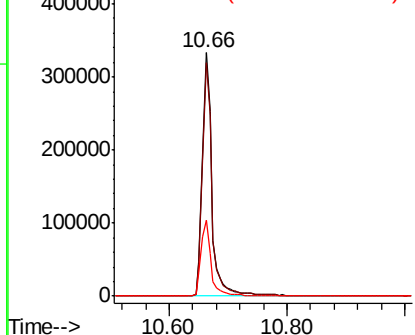


#42
2,4,6-Tribromophenol
Concen: 121.520 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116232.D
Acq: 13 Aug 2019 15:27

Tgt Ion:330 Resp: 374558
Ion Ratio Lower Upper
330 100
332 96.0 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



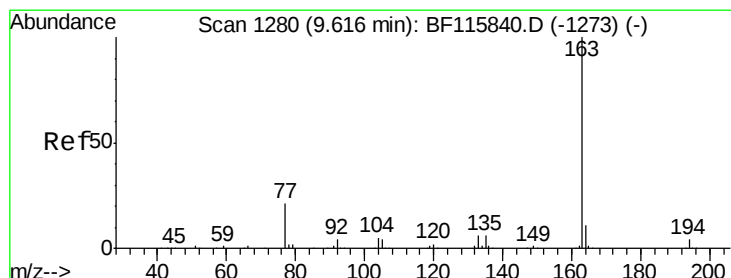
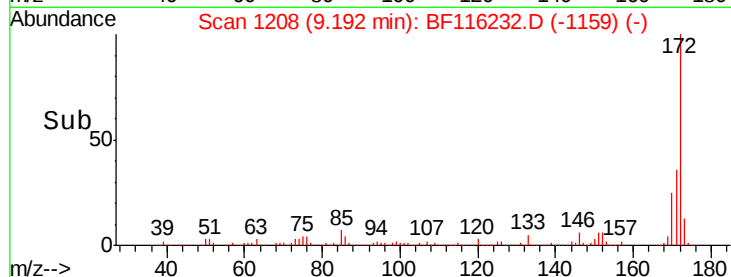
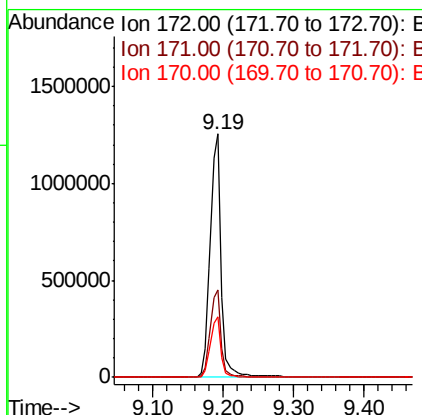
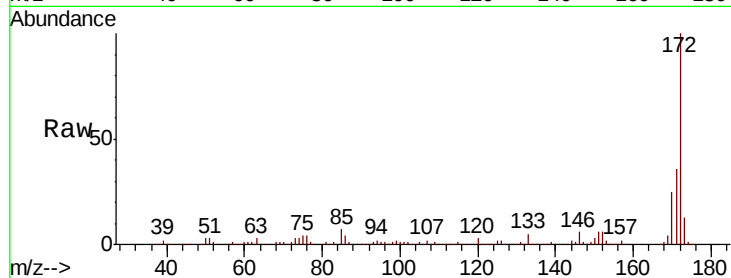


#45
 2-Fluorobiphenyl
 Concen: 80.289 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116232.D
 Acq: 13 Aug 2019 15:27

Instrument :
 BNA_F
 ClientSampleId :
 REACTOR-3A-(0-3)-COMP

Tot Ion:172 Resp: 1362731

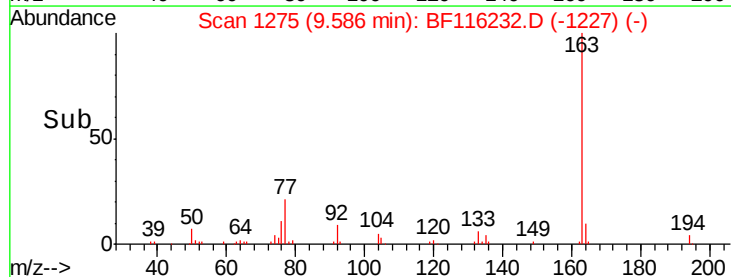
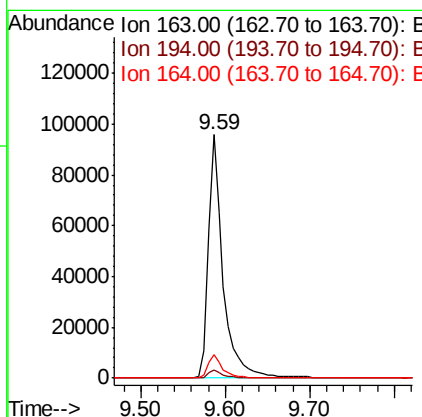
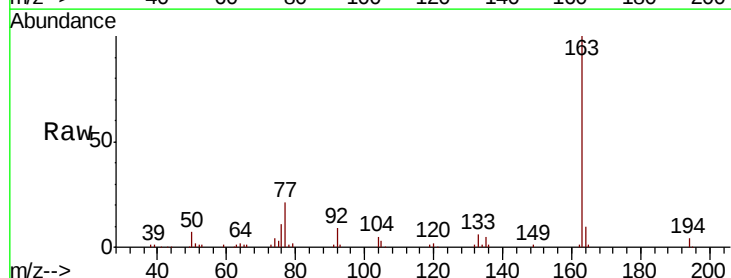
Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.8	20.1	30.1

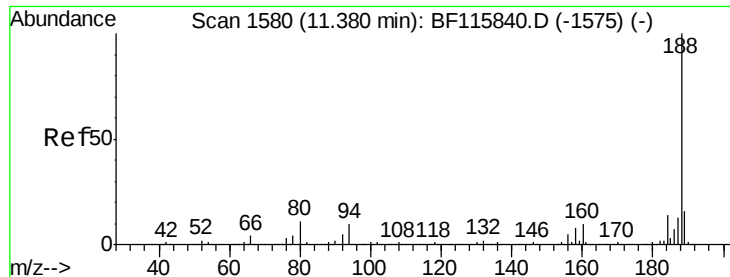


#50
 Dimethylphthalate
 Concen: 5.384 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. -0.02 min
 Lab File: BF116232.D
 Acq: 13 Aug 2019 15:27

Tgt Ion:163 Resp: 116555

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.6
164	9.5	8.4	12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116232.D

Acq: 13 Aug 2019 15:27

Instrument :

BNA_F

ClientSampleId :

REACTOR-3A-(0-3)-COMP

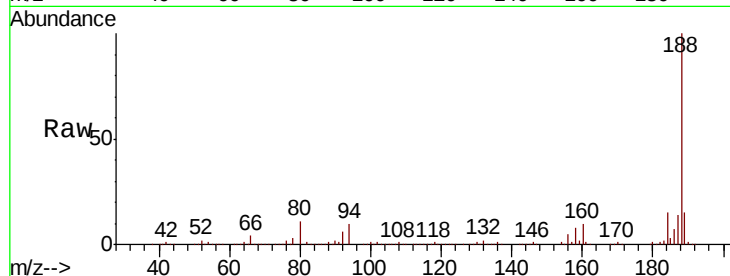
Tot Ion:188 Resp: 614558

Ion Ratio Lower Upper

188 100

94 10.2 8.1 12.1

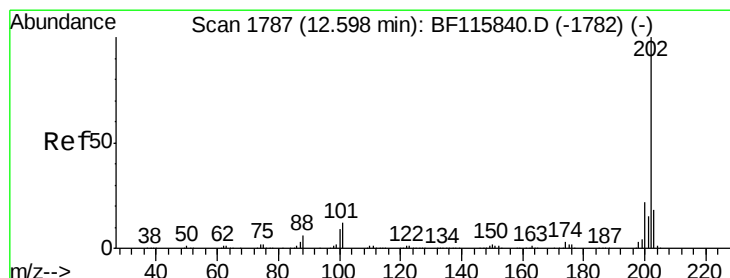
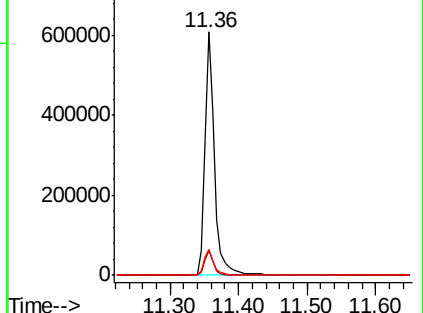
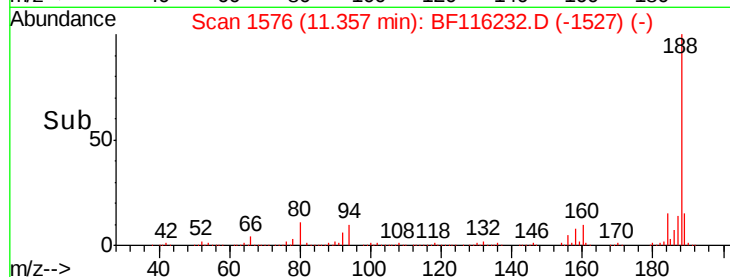
80 10.8 8.7 13.1



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



#75

Fluoranthene

Concen: 2.603 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF116232.D

Acq: 13 Aug 2019 15:27

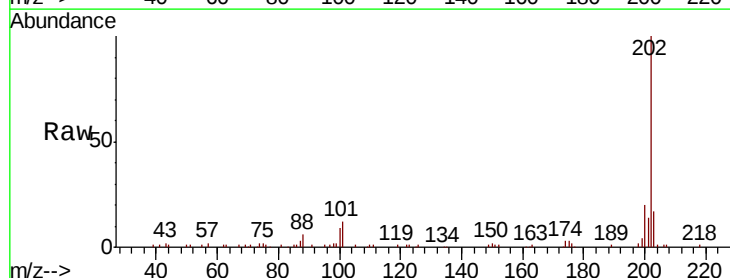
Tgt Ion:202 Resp: 85614

Ion Ratio Lower Upper

202 100

101 12.0 0.0 31.2

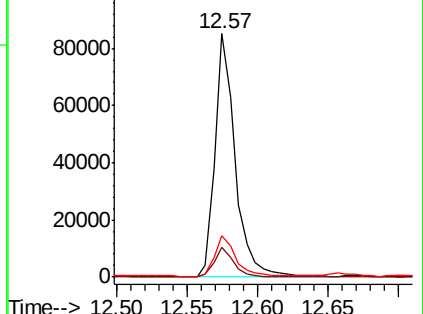
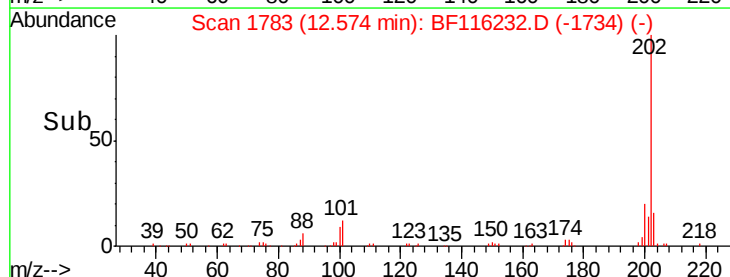
203 17.1 0.0 37.8

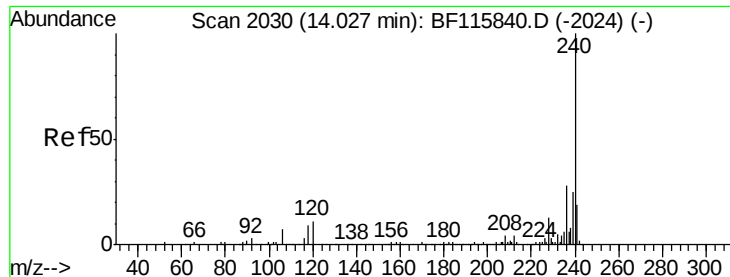


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

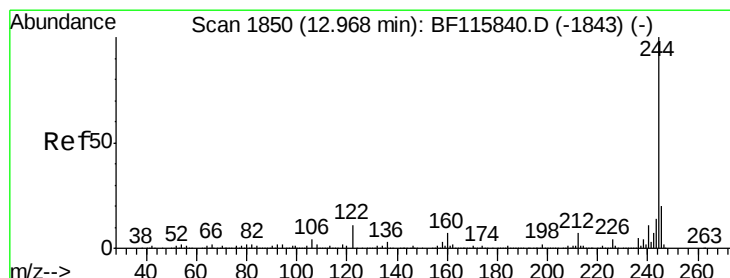
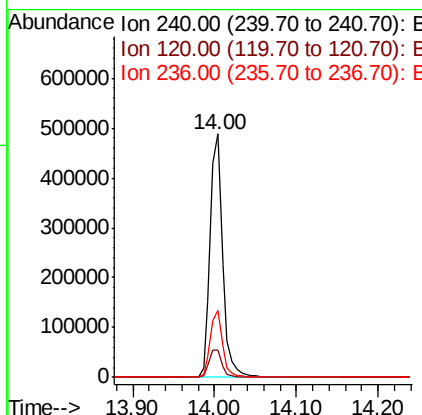
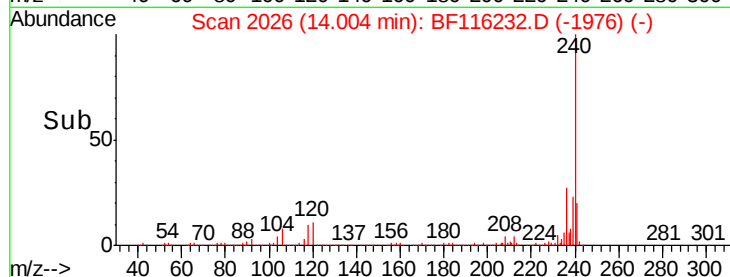
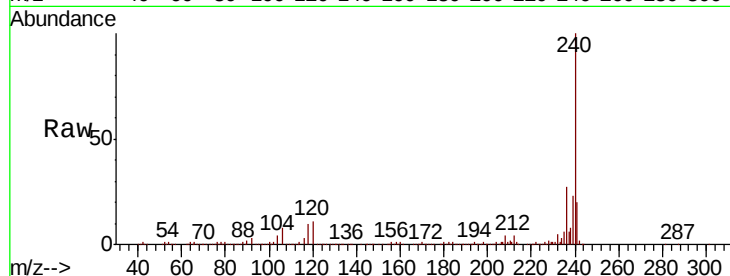




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116232.D
Acq: 13 Aug 2019 15:27

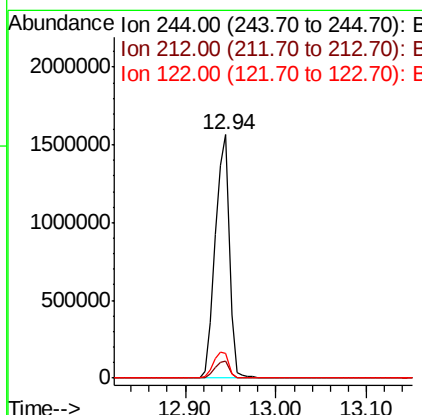
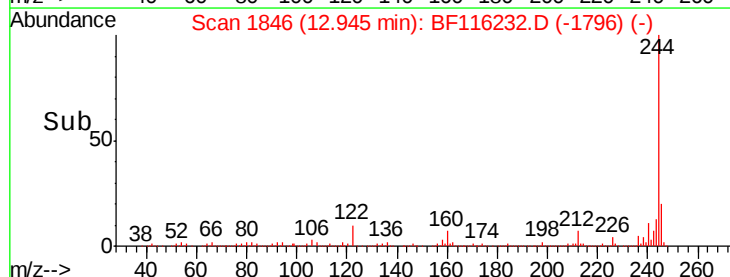
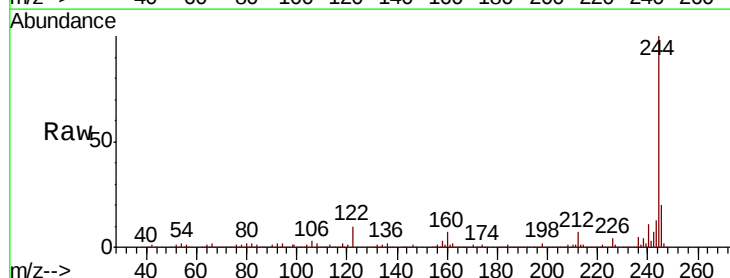
Instrument :
BNA_F
ClientSampleId :
REACTOR-3A-(0-3)-COMP

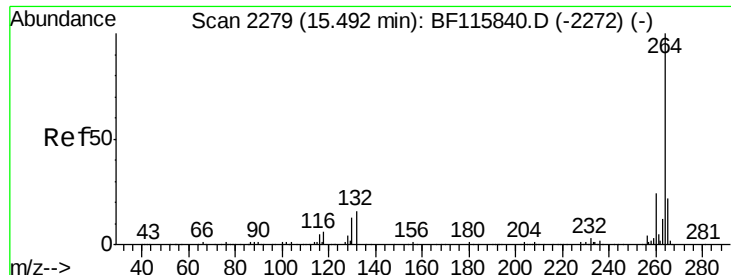
Tot Ion:240 Resp: 518489
Ion Ratio Lower Upper
240 100
120 11.2 10.7 16.1
236 27.4 22.2 33.2



#79
Terphenyl-d14
Concen: 68.559 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF116232.D
Acq: 13 Aug 2019 15:27

Tgt Ion:244 Resp: 1686963
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 10.4 9.0 13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116232.D
Acq: 13 Aug 2019 15:27

Instrument :
BNA_F
ClientSampleId :
REACTOR-3A-(0-3)-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	21.4	17.4	26.0

