

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110426.D
 Acq On : 2 Nov 2018 21:52
 Operator : JU/SJ
 Sample : J5777-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ST-PAULS

Quant Time: Nov 03 00:48:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

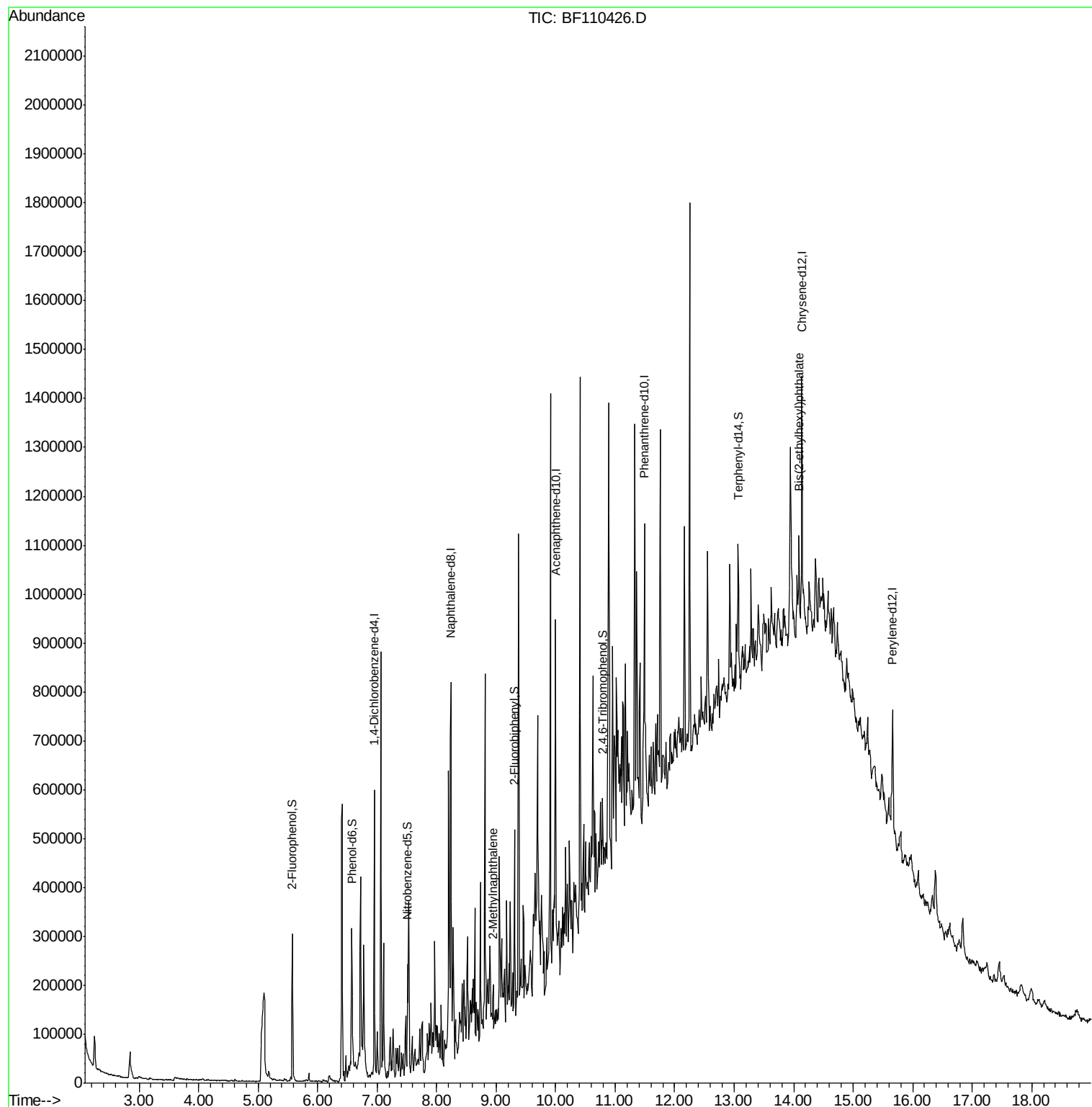
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	84213	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	329494	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	127035	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	198303	20.00	ng	0.00
76) Chrysene-d12	14.14	240	158248	20.00	ng	0.00
87) Perylene-d12	15.66	264	118927	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	83085	16.07	ng	0.00
7) Phenol-d6	6.57	99	107477	16.25	ng	0.00
23) Nitrobenzene-d5	7.52	82	60553	10.90	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	17255	13.71	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	108360	13.39	ng	0.00
79) Terphenyl-d14	13.07	244	78345	10.30	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.95	142	27672	2.754	ng	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	49256	7.400	ng	# 90

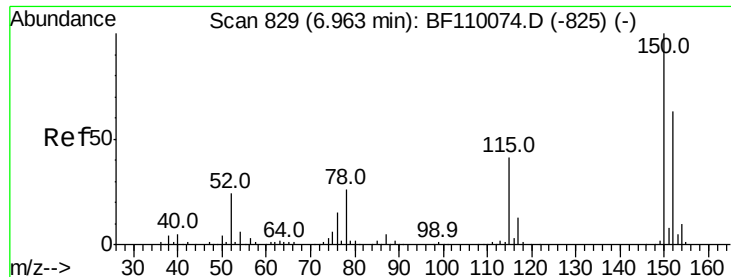
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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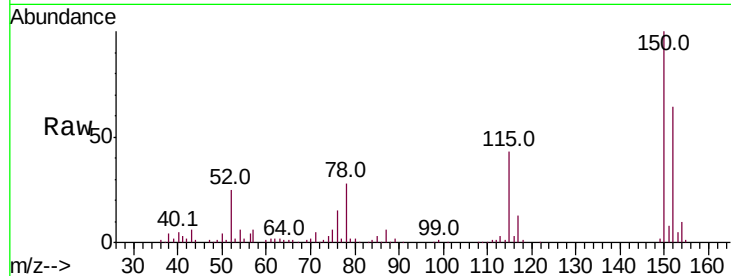


#1

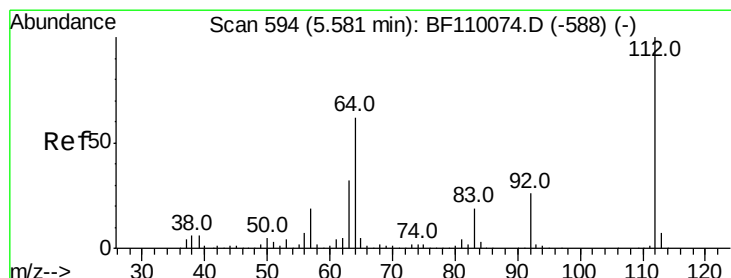
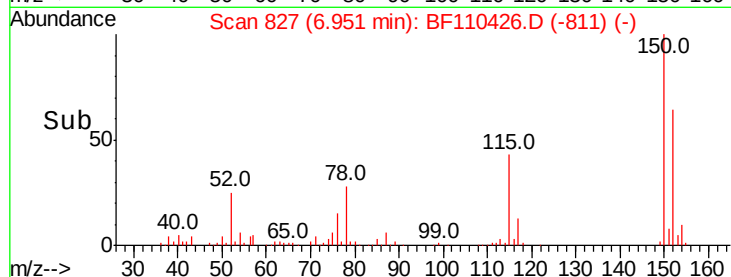
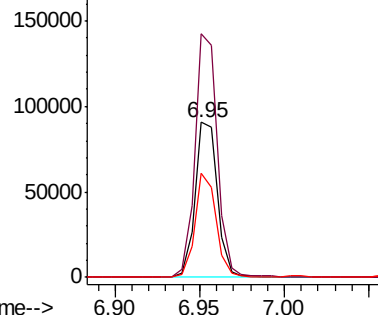
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF110426.D
 Acq: 2 Nov 2018 21:52

Instrument :
 BNA_F
 ClientSampleId :
 ST-PAULS

Tot Ion:152 Resp: 84213
 Ion Ratio Lower Upper
 152 100
 150 157.2 122.7 184.1
 115 67.3 49.1 73.7



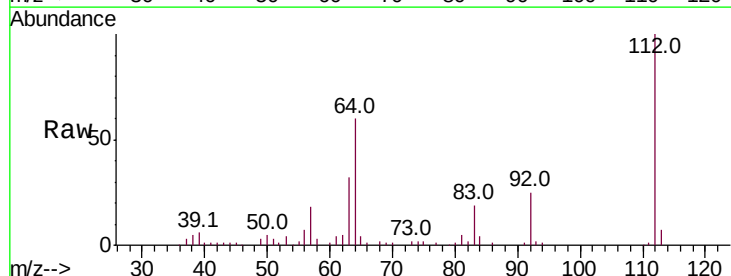
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



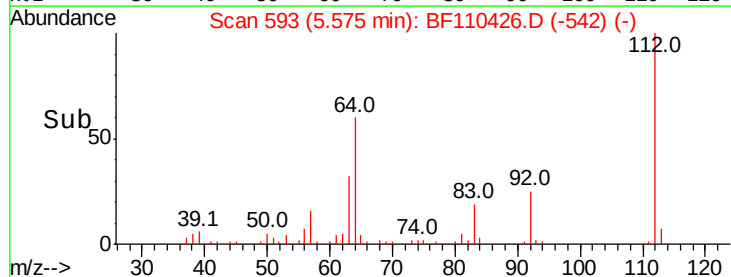
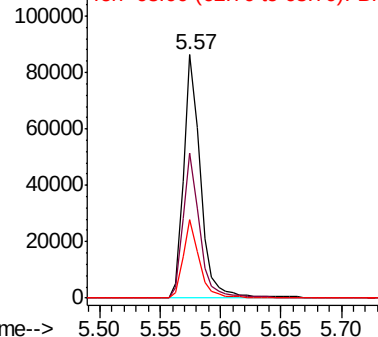
#5

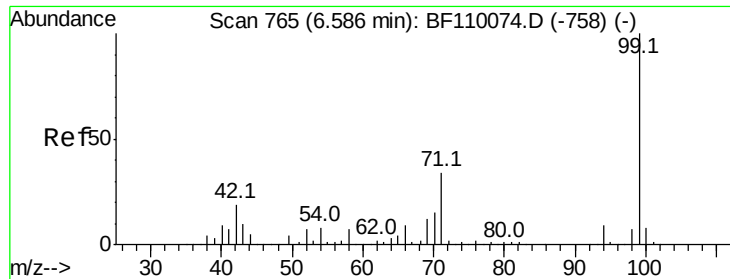
2-Fluorophenol
 Concen: 16.066 ng
 RT: 5.57 min Scan# 593
 Delta R.T. -0.00 min
 Lab File: BF110426.D
 Acq: 2 Nov 2018 21:52

Tgt Ion:112 Resp: 83085
 Ion Ratio Lower Upper
 112 100
 64 59.6 44.1 66.1
 63 32.3 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: 16.249 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110426.D

Acq: 2 Nov 2018 21:52

Instrument :

BNA_F

ClientSampled :

ST-PAULS

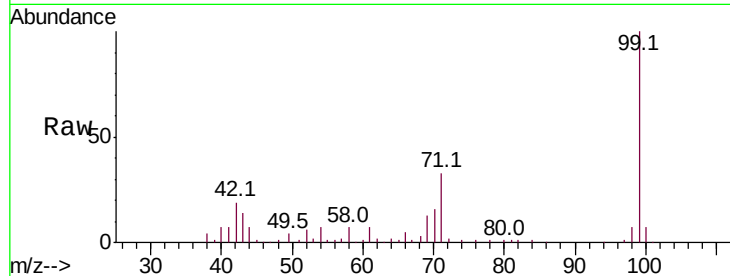
Tot Ion: 99 Resp: 107477

Ion Ratio Lower Upper

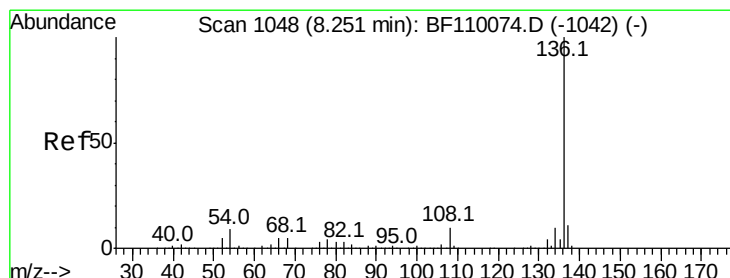
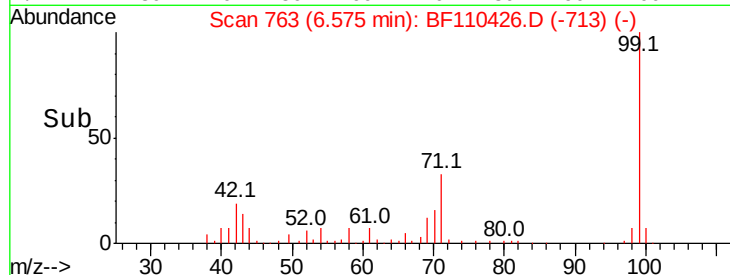
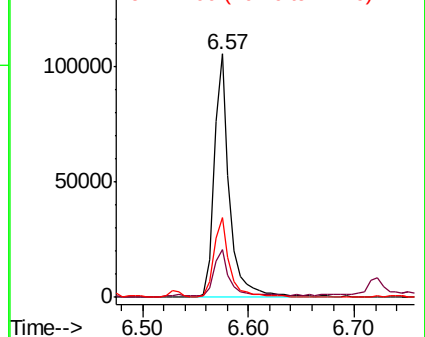
99 100

42 19.4 15.8 23.6

71 32.6 28.0 42.0



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: 8.24 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BF110426.D

Acq: 2 Nov 2018 21:52

Tgt Ion: 136 Resp: 329494

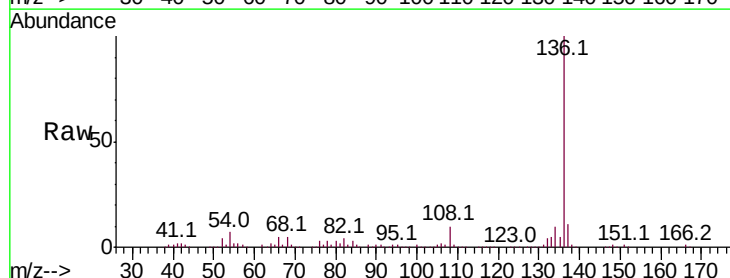
Ion Ratio Lower Upper

136 100

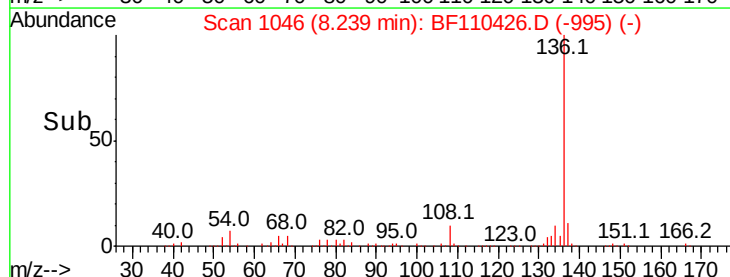
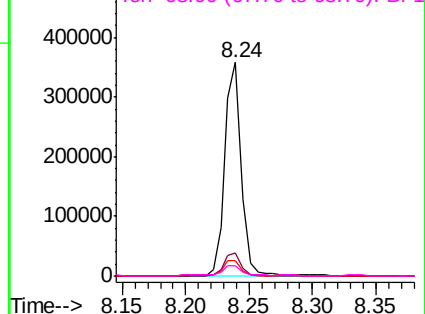
137 11.0 8.8 13.2

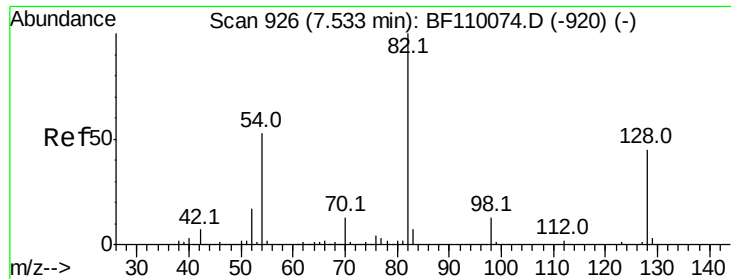
54 7.4 5.4 8.2

68 5.0 4.2 6.2



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

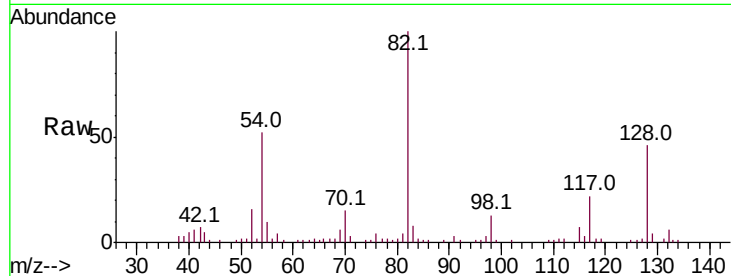




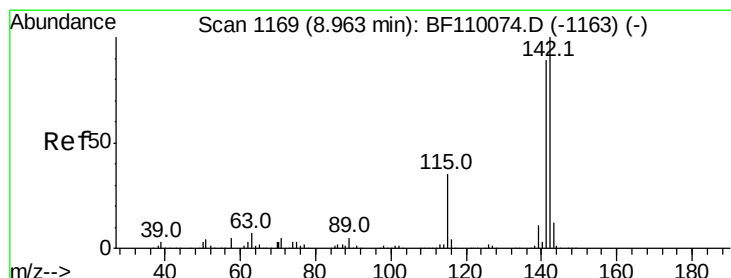
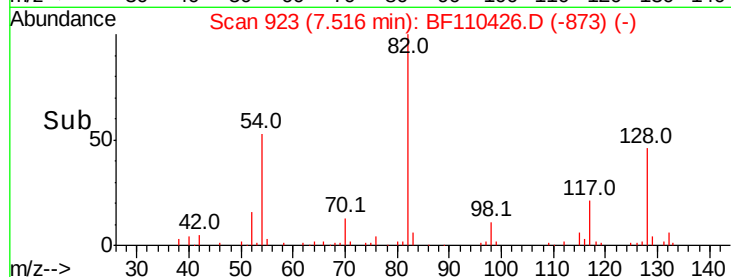
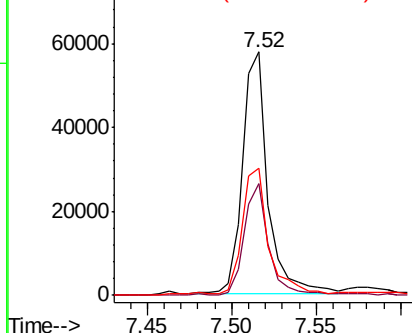
#23
Nitrobenzene-d5
Concen: 10.900 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110426.D
Acq: 2 Nov 2018 21:52

Instrument :
BNA_F
ClientSampleId :
ST-PAULS

Tot Ion	82	Resp	60553
Ion Ratio	100	Lower	Upper
128	46.0	34.2	51.2
54	52.3	38.6	58.0

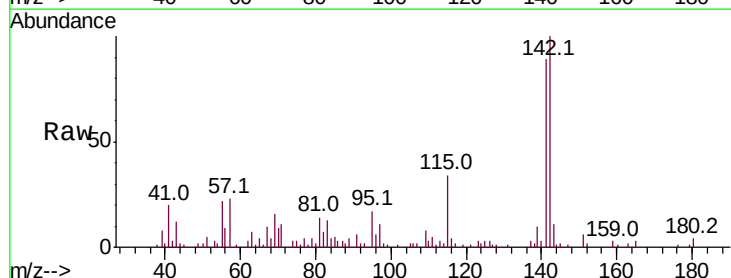


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

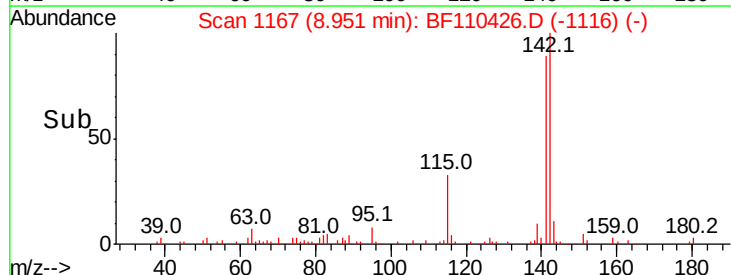
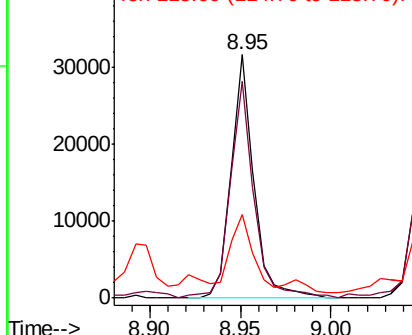


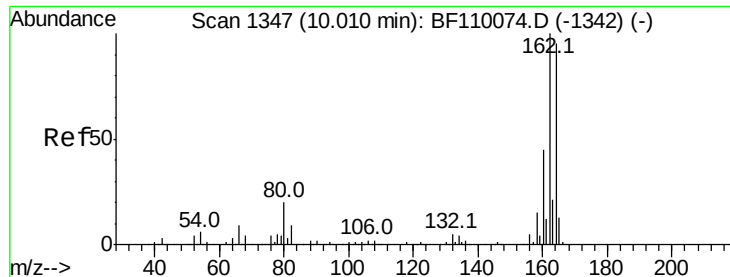
#37
2-Methylnaphthalene
Concen: 2.754 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF110426.D
Acq: 2 Nov 2018 21:52

Tgt Ion	142	Resp	27672
Ion Ratio	100	Lower	Upper
141	89.3	71.4	107.2
115	34.3	28.7	43.1



Abundance Ion 142.00 (141.70 to 142.70): BF1
Ion 141.00 (140.70 to 141.70): BF1
Ion 115.00 (114.70 to 115.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF110426.D

Acq: 2 Nov 2018 21:52

Instrument :

BNA_F

ClientSampleId :

ST-PAULS

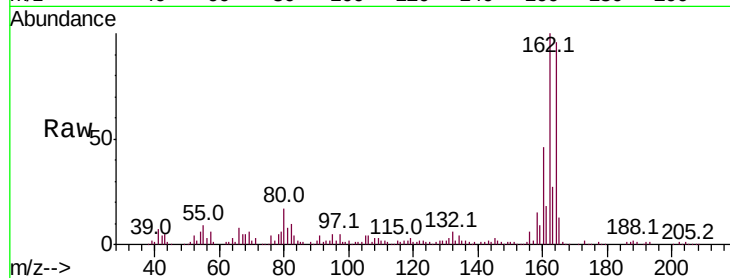
Tot Ion:164 Resp: 127035

Ion Ratio Lower Upper

164 100

162 104.2 83.0 124.6

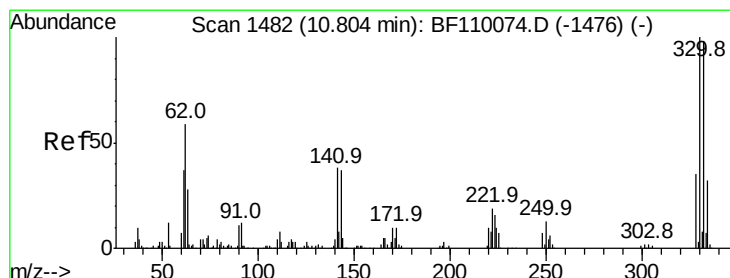
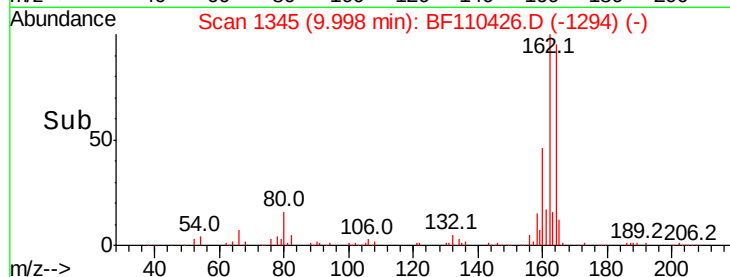
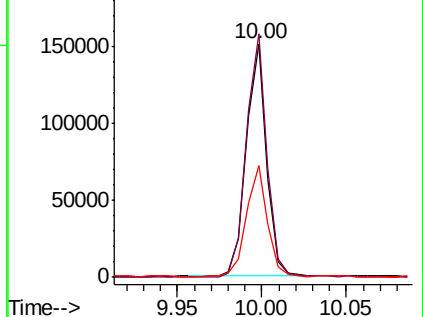
160 47.9 37.0 55.6



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: 13.712 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF110426.D

Acq: 2 Nov 2018 21:52

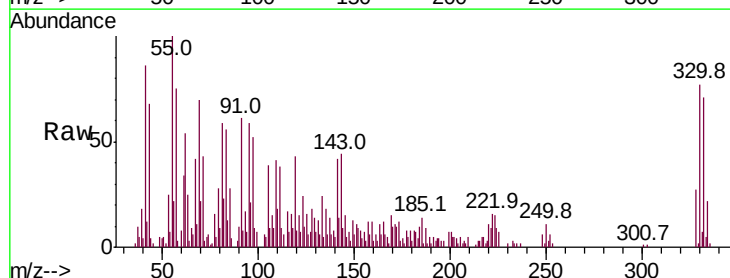
Tgt Ion:330 Resp: 17255

Ion Ratio Lower Upper

330 100

332 93.5 77.1 115.7

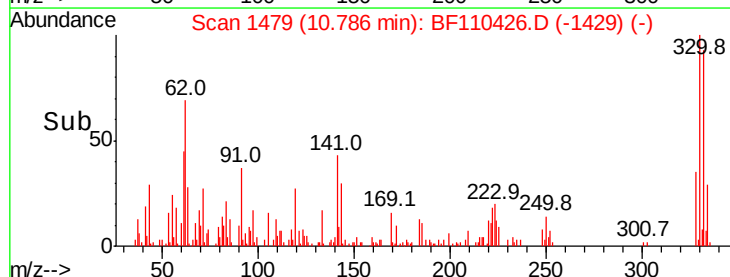
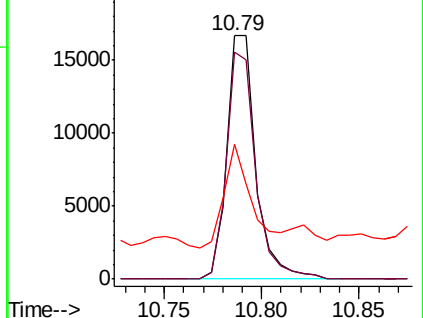
141 40.1 27.0 40.4

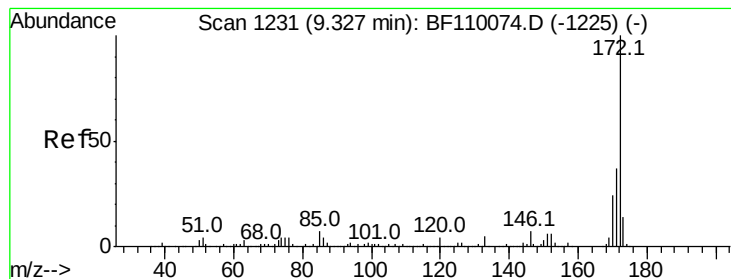


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 13.394 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF110426.D

Acq: 2 Nov 2018 21:52

Instrument :

BNA_F

ClientSampleId :

ST-PAULS

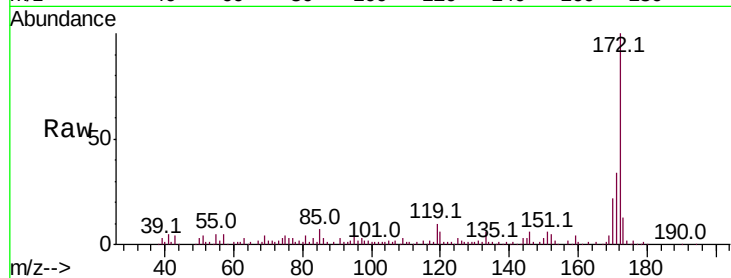
Tot Ion:172 Resp: 108360

Ion Ratio Lower Upper

172 100

171 33.9 28.6 43.0

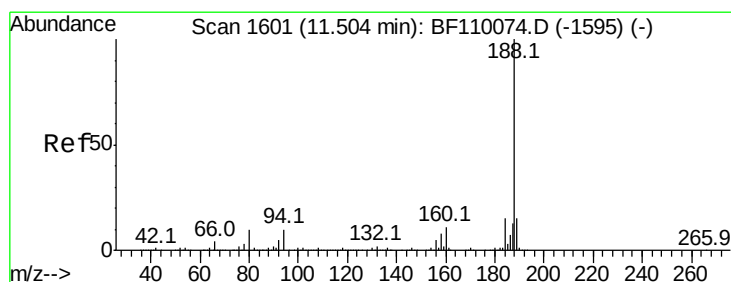
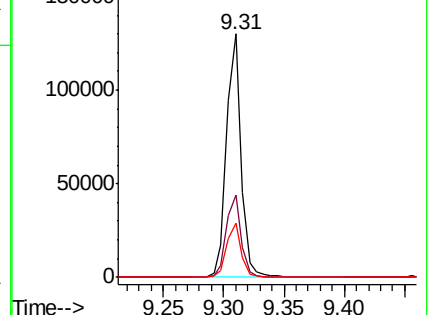
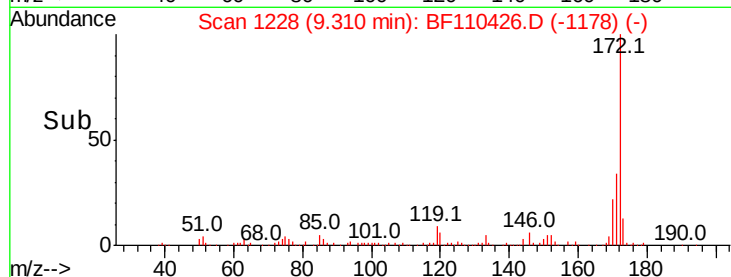
170 22.3 19.7 29.5



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF110426.D

Acq: 2 Nov 2018 21:52

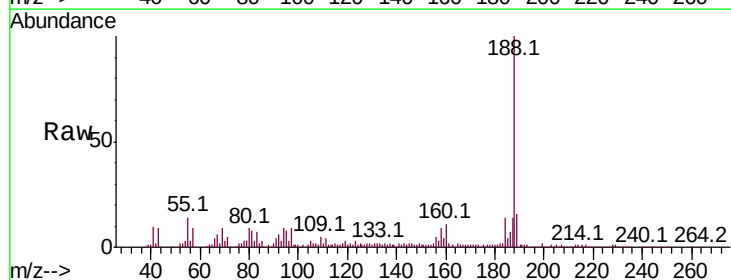
Tgt Ion:188 Resp: 198303

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

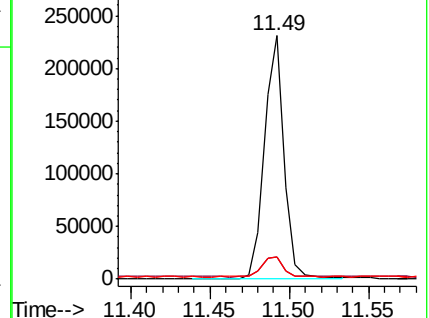
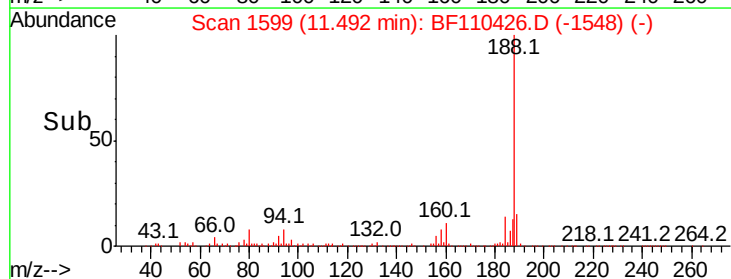
80 9.3 7.9 11.9

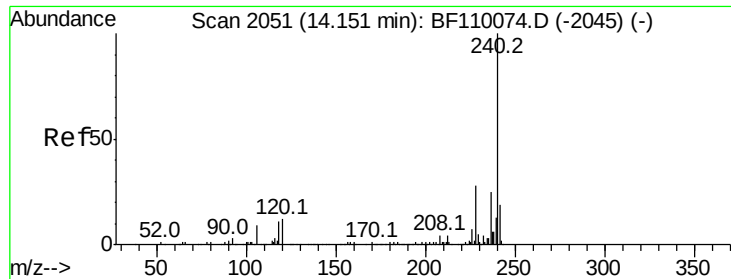


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

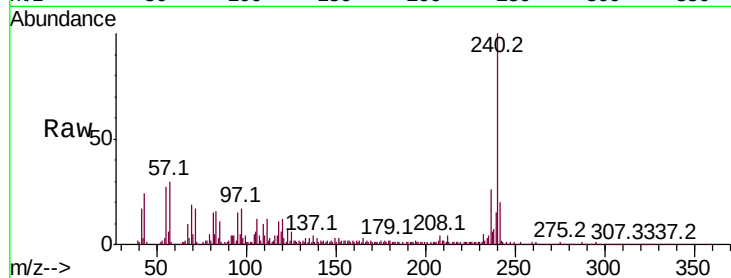




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: BF110426.D
 Acq: 2 Nov 2018 21:52

Instrument :
 BNA_F
 ClientSampleId :
 ST-PAULS

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.3	12.5
236	26.1	21.2	31.8

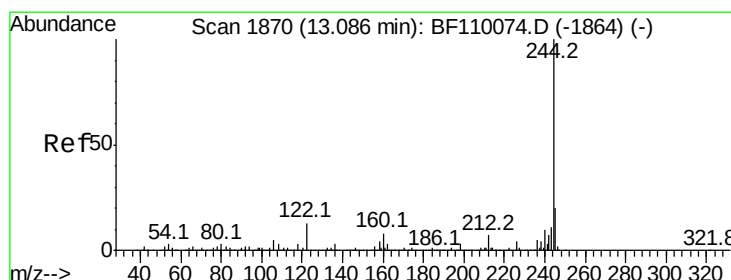
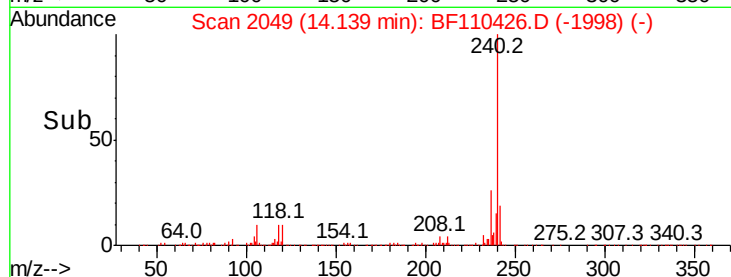
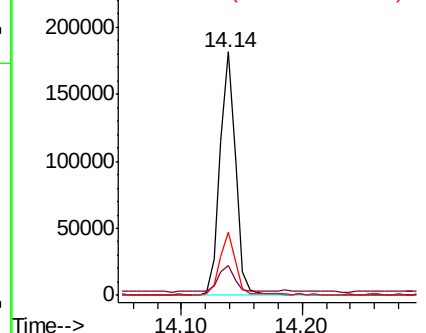


Abundance

Ion 240.00 (239.70 to 240.70): E

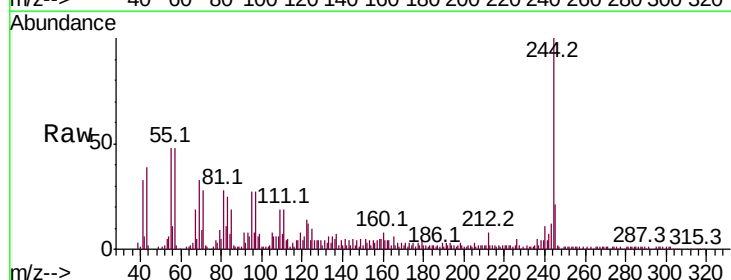
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79
 Terphenyl-d14
 Concen: 10.296 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110426.D
 Acq: 2 Nov 2018 21:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	13.7	8.7	13.1#

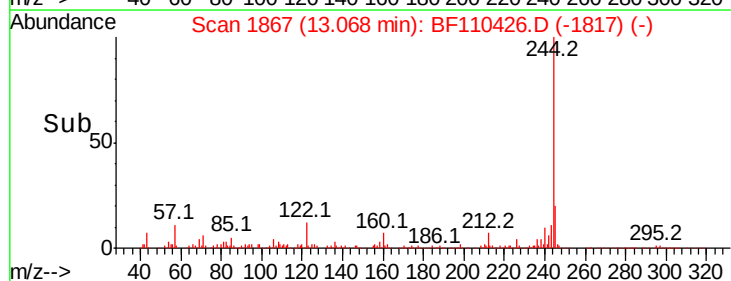
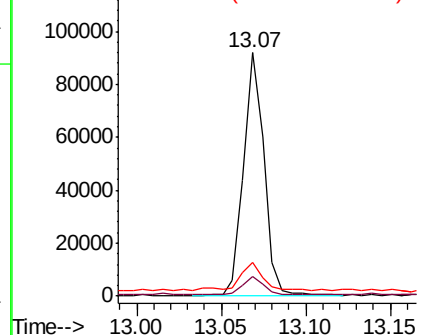


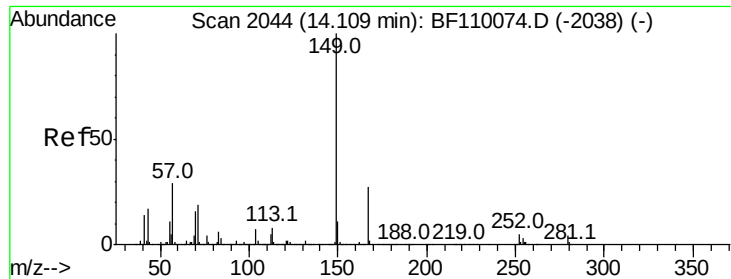
Abundance

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





#84

Bis(2-ethylhexyl)phthalate

Concen: 7.400 ng

RT: 14.09 min Scan# 2041

Delta R.T. 0.01 min

Lab File: BF110426.D

Acq: 2 Nov 2018 21:52

Instrument :

BNA_F

ClientSampleId :

ST-PAULS

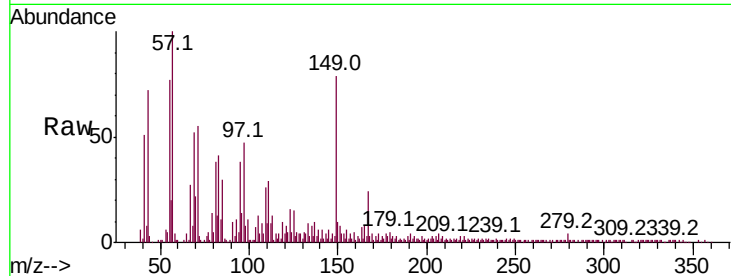
Tot Ion:149 Resp: 49256

Ion Ratio Lower Upper

149 100

167 30.1 19.8 29.8#

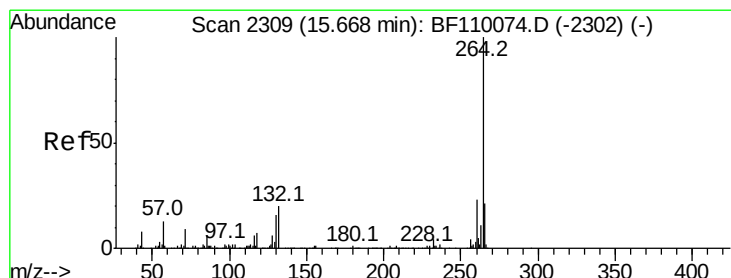
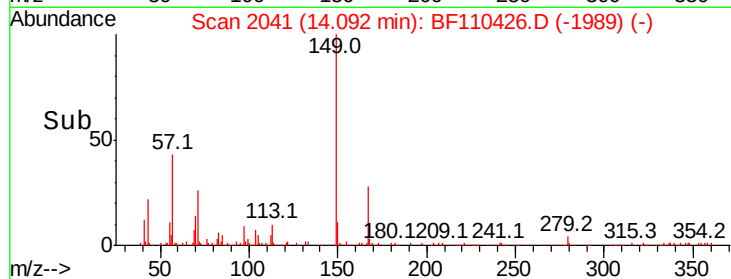
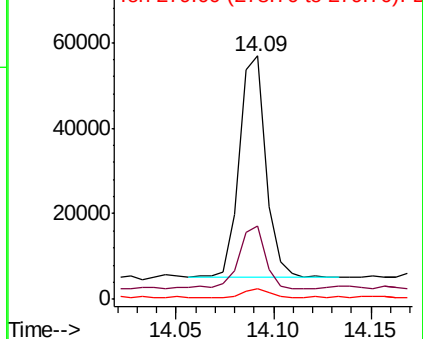
279 4.6 2.7 4.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110426.D

Acq: 2 Nov 2018 21:52

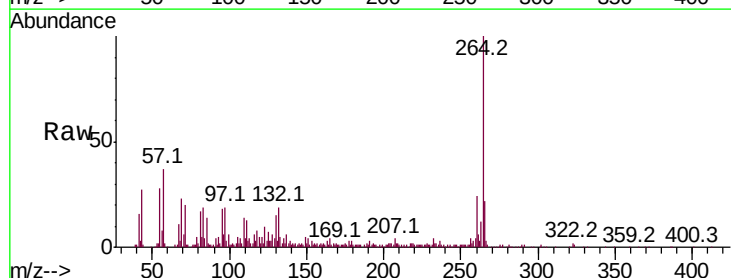
Tgt Ion:264 Resp: 118927

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 21.8 16.7 25.1



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

