

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121518\
 Data File : BF111502.D
 Acq On : 16 Dec 2018 8:23
 Operator : JU/SJ
 Sample : J6438-01
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 23678

Quant Time: Dec 17 01:50:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

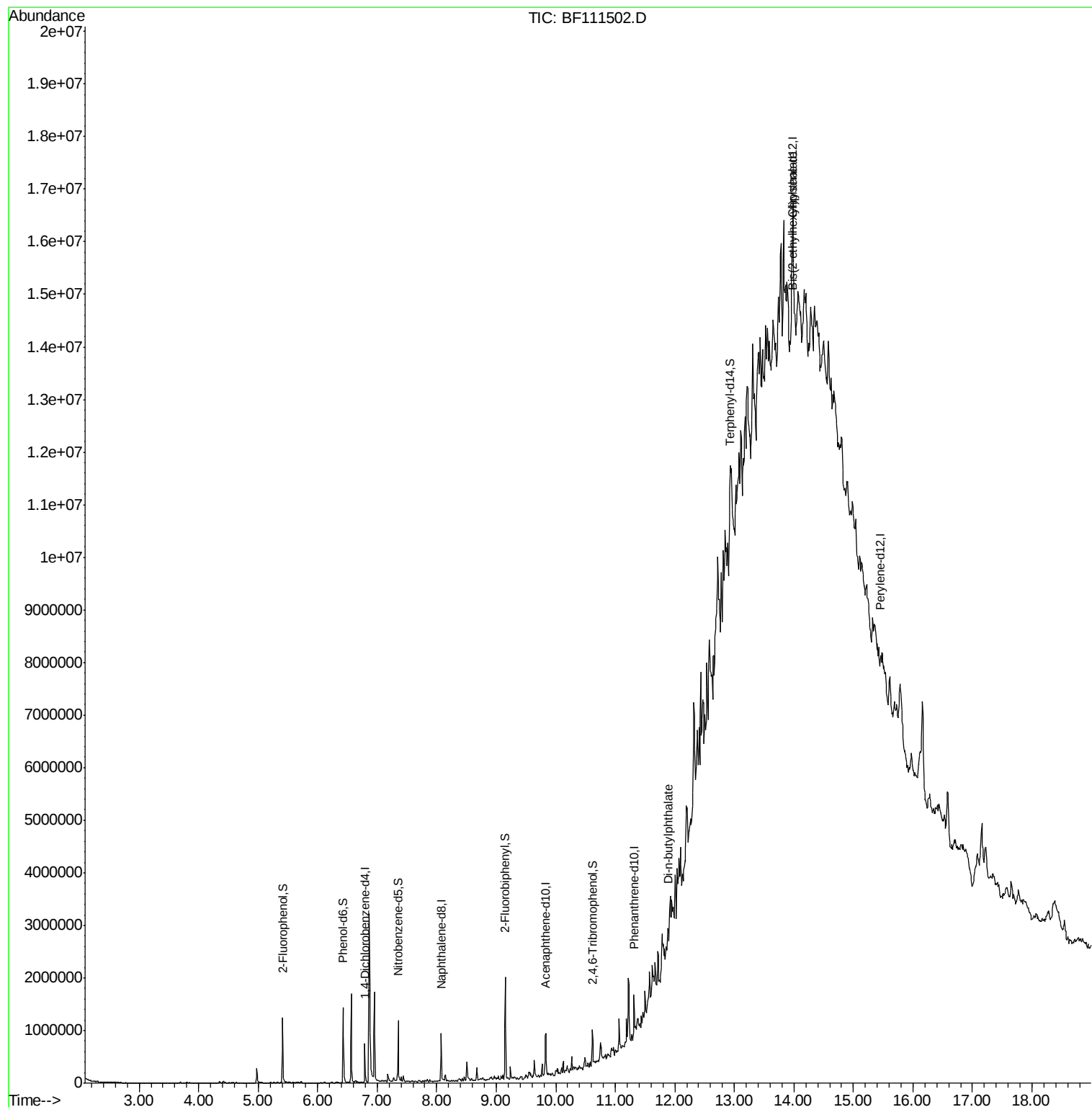
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	107362	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	382719	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	166870	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	297806	20.00	ng	0.00
76) Chrysene-d12	13.99	240	144289	20.00	ng	0.04
87) Perylene-d12	15.46	264	128933	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	342156	53.03	ng	0.00
7) Phenol-d6	6.43	99	428226	49.90	ng	-0.01
23) Nitrobenzene-d5	7.35	82	303037	47.15	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	72924	48.79	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	563741	52.18	ng	0.00
79) Terphenyl-d14	12.92	244	464440	75.59	ng	0.02
Target Compounds						
74) Di-n-butylphthalate	11.88	149	69185	3.828	ng	# 95
84) Bis(2-ethylhexyl)phthalate	13.98	149	1126285	177.834	ng	# 98

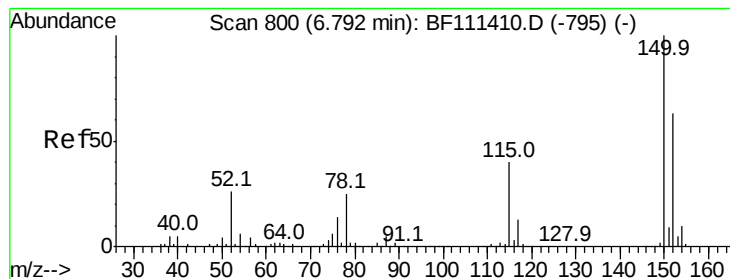
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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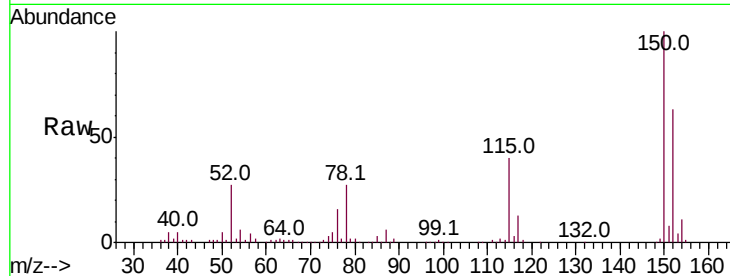


#1

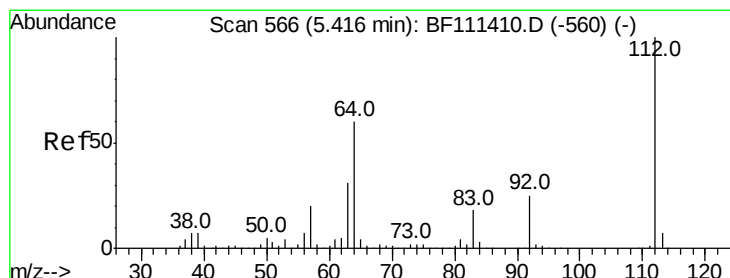
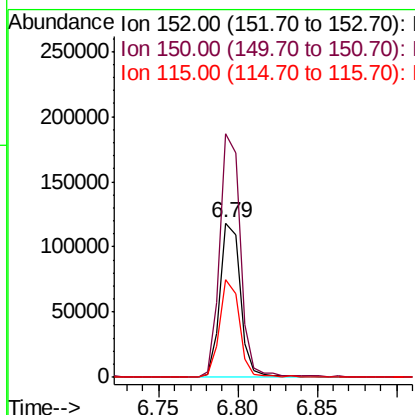
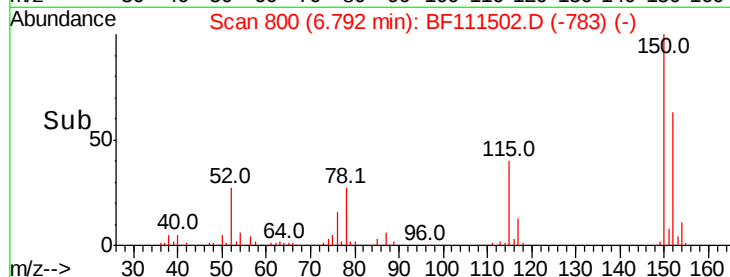
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111502.D
Acq: 16 Dec 2018 8:23

Instrument :
BNA_F
ClientSampled :
23678

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.6	189.8
115	63.6	50.7	76.1



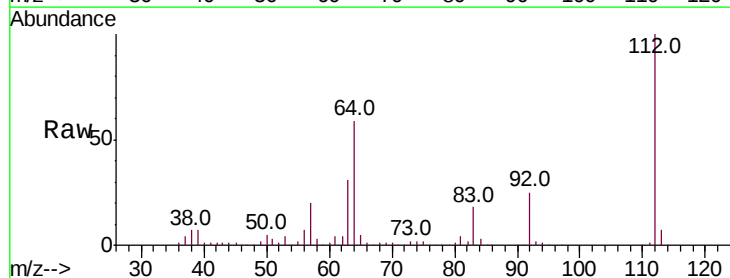
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



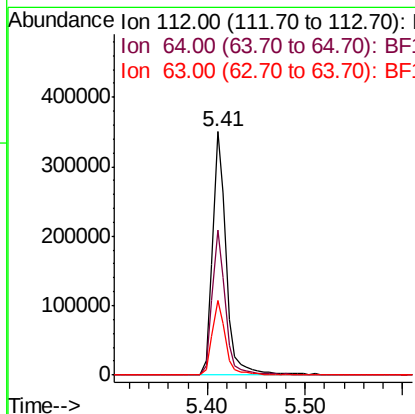
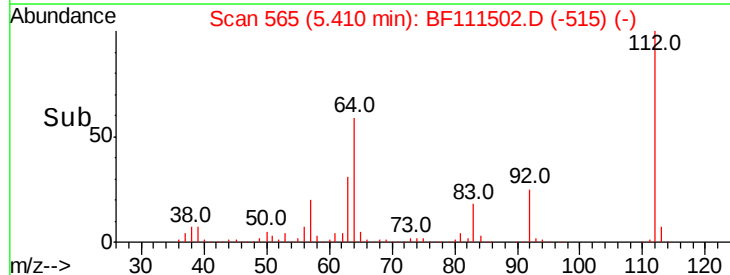
#5

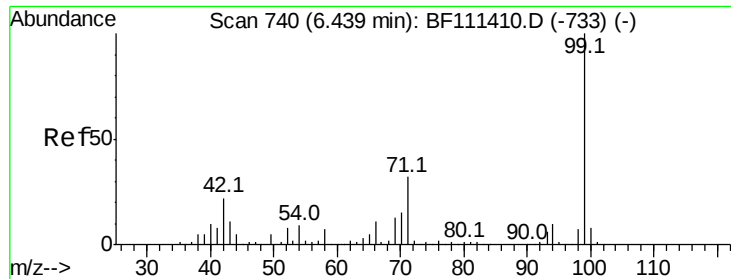
2-Fluorophenol
Concen: 53.033 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF111502.D
Acq: 16 Dec 2018 8:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	51.8	77.6
63	30.8	26.8	40.2



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: 49.898 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111502.D

Acq: 16 Dec 2018 8:23

Instrument :

BNA_F

ClientSampleId :

23678

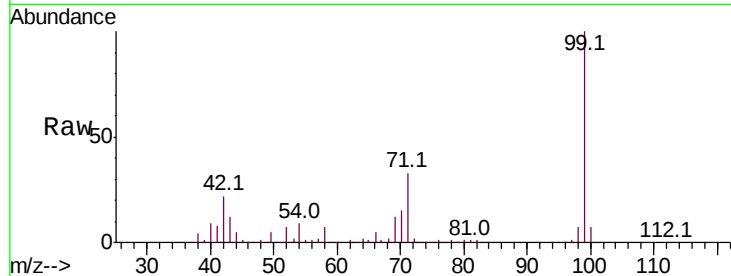
Tot Ion: 99 Resp: 428226

Ion Ratio Lower Upper

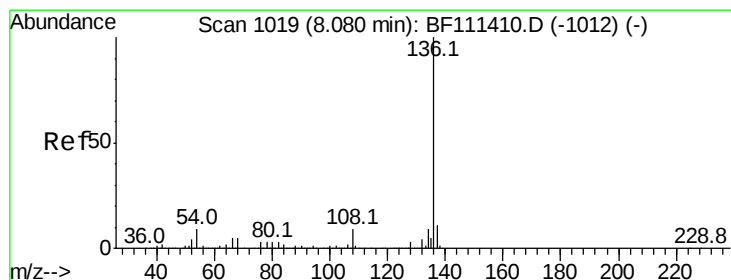
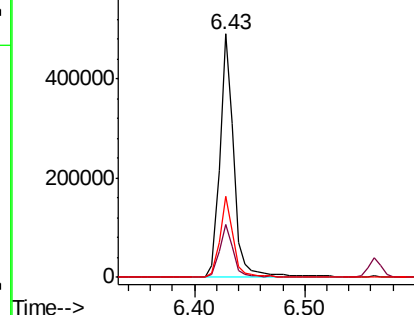
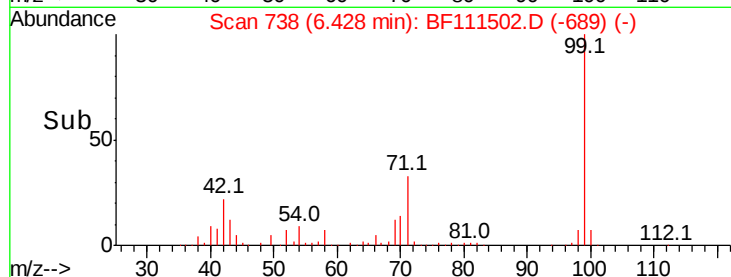
99 100

42 21.9 17.4 26.0

71 33.2 26.1 39.1



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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF111502.D

Acq: 16 Dec 2018 8:23

Tgt Ion: 136 Resp: 382719

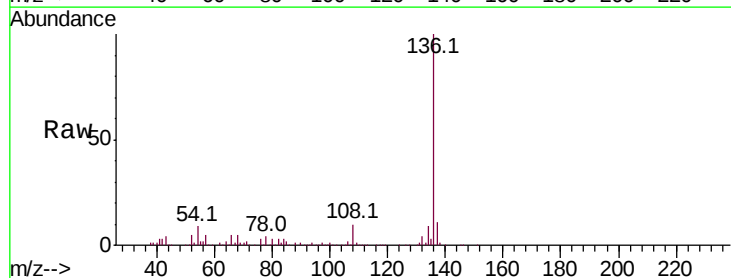
Ion Ratio Lower Upper

136 100

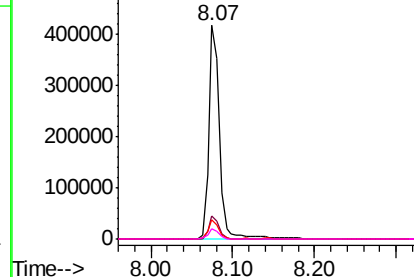
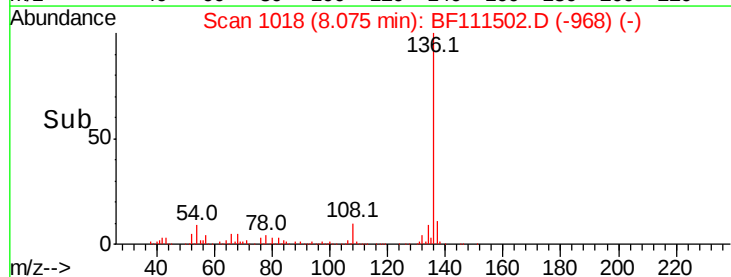
137 10.8 9.1 13.7

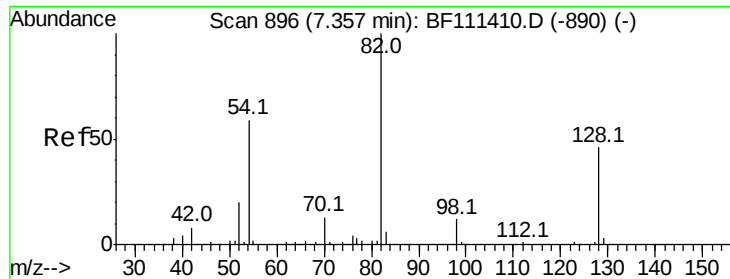
54 9.3 7.7 11.5

68 5.0 4.9 7.3



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

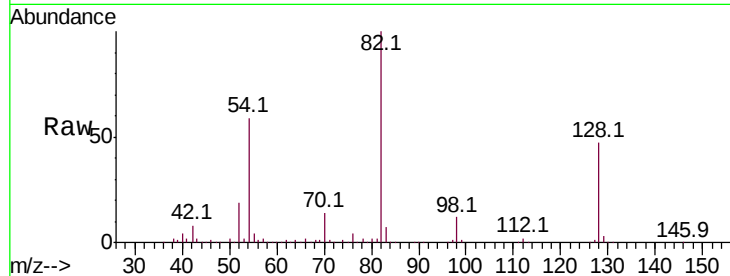




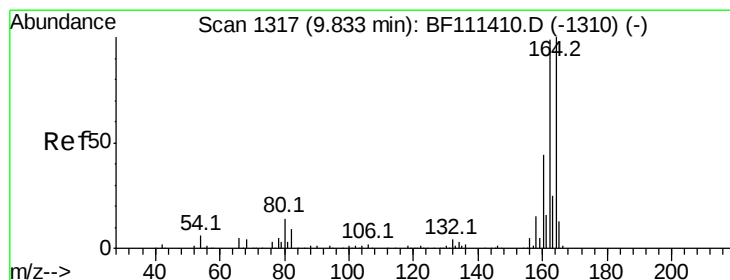
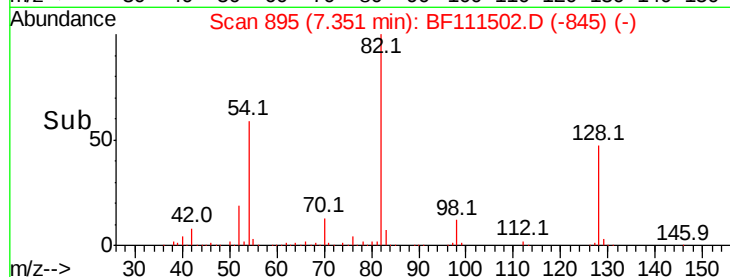
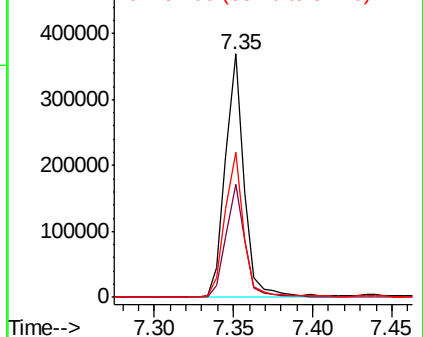
#23
 Nitrobenzene-d5
 Concen: 47.151 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.01 min
 Lab File: BF111502.D
 Acq: 16 Dec 2018 8:23

Instrument :
 BNA_F
 ClientSampled :
 23678

Tot Ion	82	Resp	303037
Ion Ratio	100	Lower	Upper
128	46.6	37.4	56.2
54	59.4	47.6	71.4

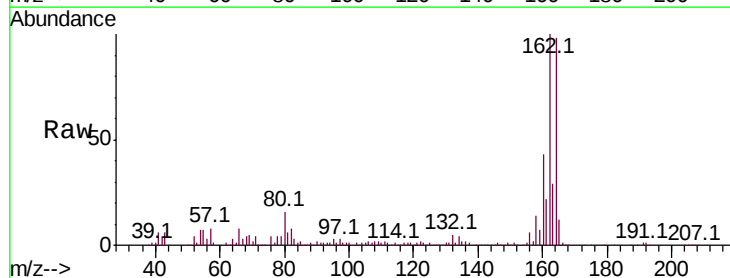


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

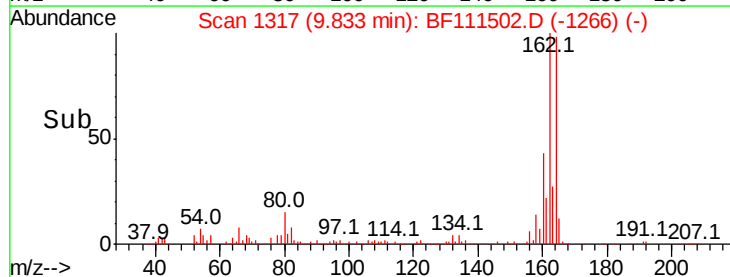
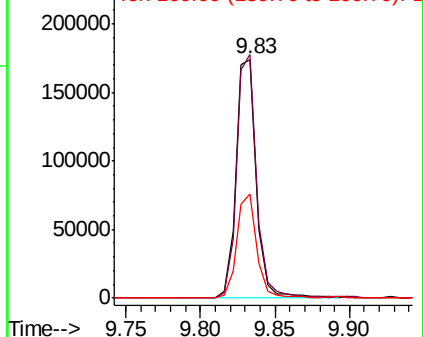


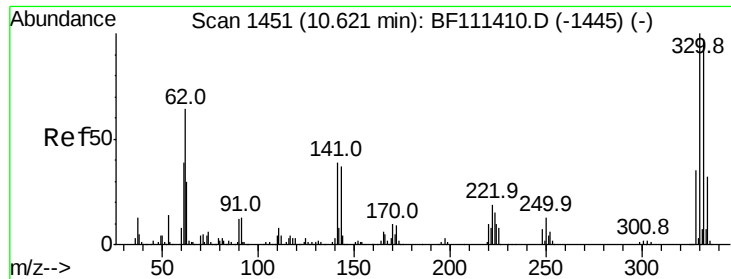
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF111502.D
 Acq: 16 Dec 2018 8:23

Tgt Ion	164	Resp	166870
Ion Ratio	100	Lower	Upper
162	102.1	81.4	122.0
160	43.9	35.7	53.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

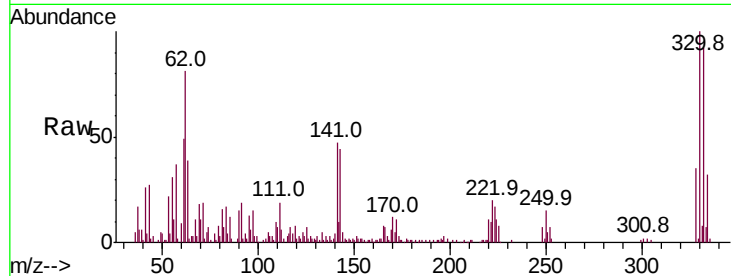




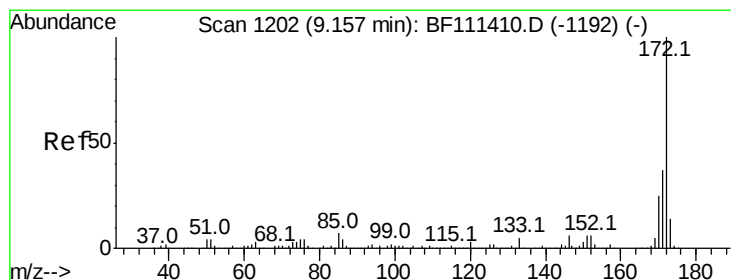
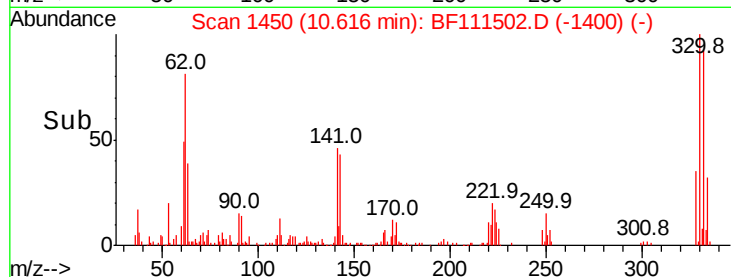
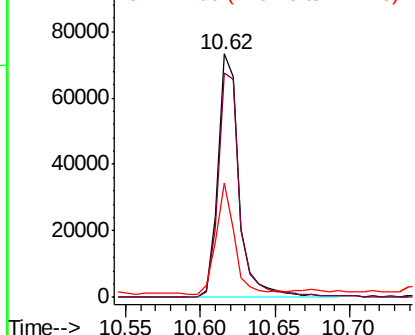
#42
 2,4,6-Tribromophenol
 Concen: 48.785 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111502.D
 Acq: 16 Dec 2018 8:23

Instrument :
 BNA_F
 ClientSampled :
 23678

Tot Ion:330 Resp: 72924
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.0 114.0
 141 39.4 31.0 46.6

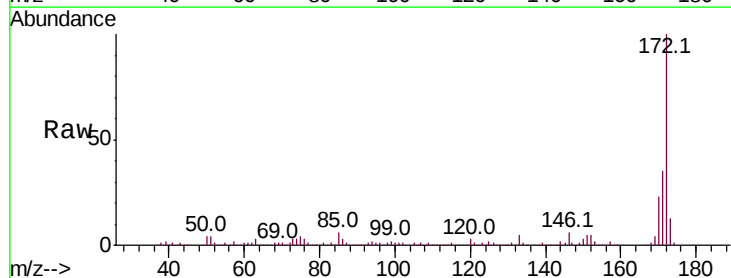


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

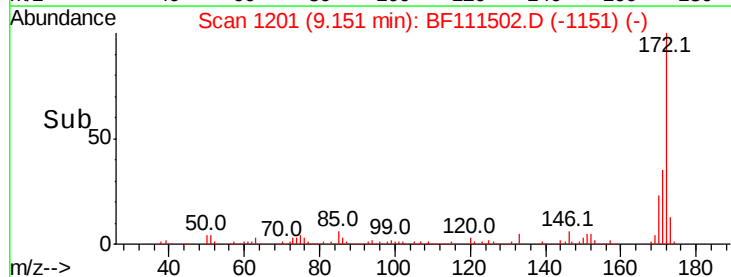
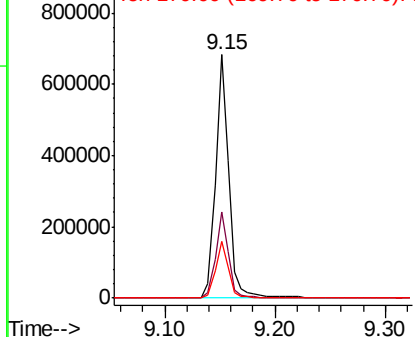


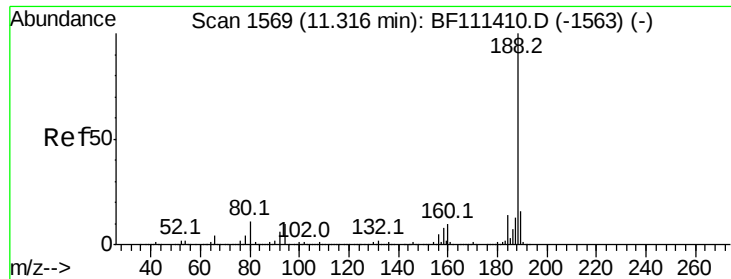
#45
 2-Fluorobiphenyl
 Concen: 52.183 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111502.D
 Acq: 16 Dec 2018 8:23

Tgt Ion:172 Resp: 563741
 Ion Ratio Lower Upper
 172 100
 171 35.2 33.0 49.4
 170 23.1 22.3 33.5



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: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF111502.D

Acq: 16 Dec 2018 8:23

Instrument :

BNA_F

ClientSampleId :

23678

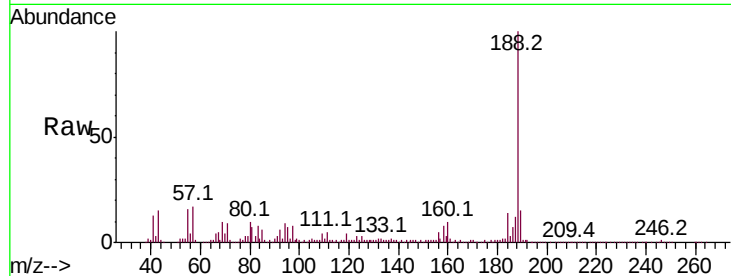
Tot Ion:188 Resp: 297806

Ion Ratio Lower Upper

188 100

94 9.5 9.6 14.4#

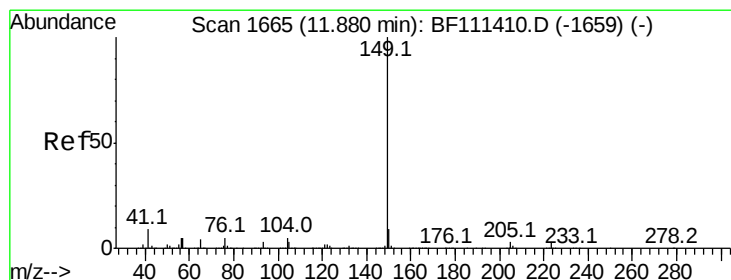
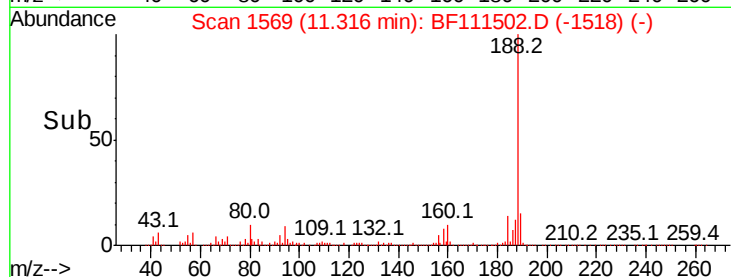
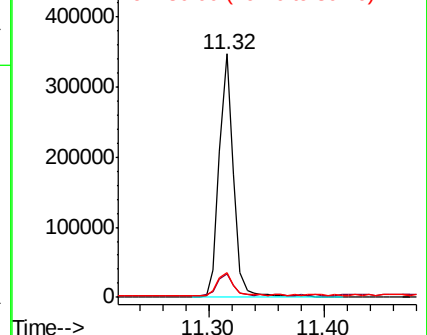
80 10.4 9.8 14.6



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



#74

Di-n-butylphthalate

Concen: 3.828 ng

RT: 11.88 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BF111502.D

Acq: 16 Dec 2018 8:23

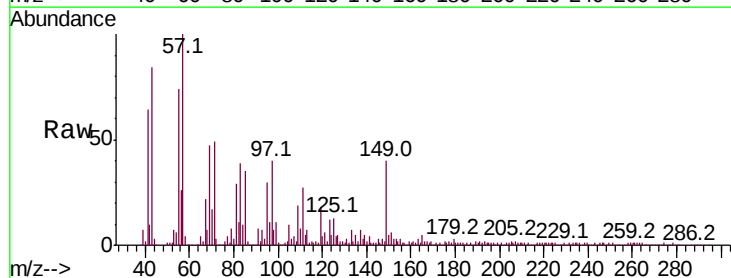
Tgt Ion:149 Resp: 69185

Ion Ratio Lower Upper

149 100

150 13.7 8.8 13.2#

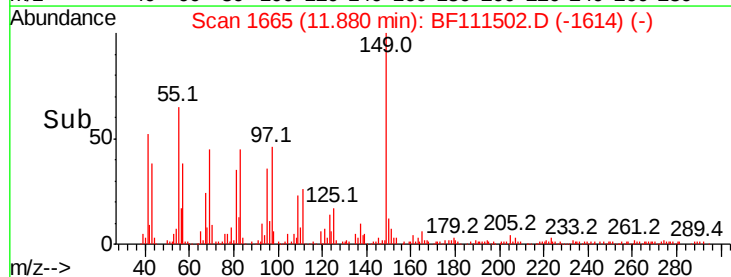
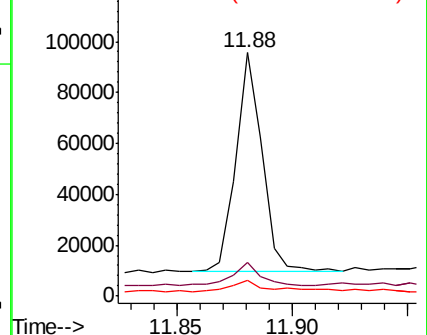
104 6.3 4.5 6.7

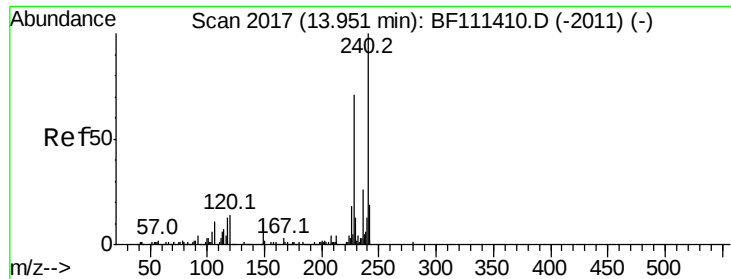


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

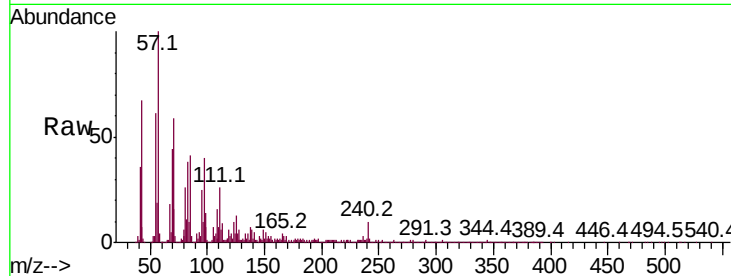




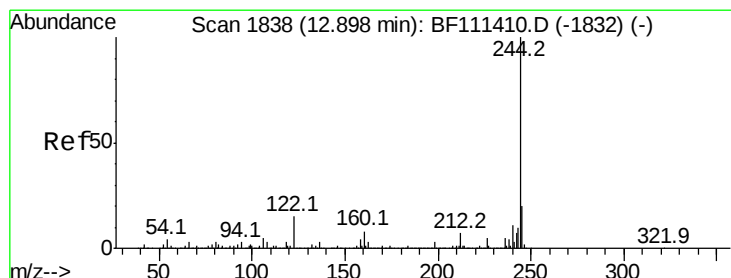
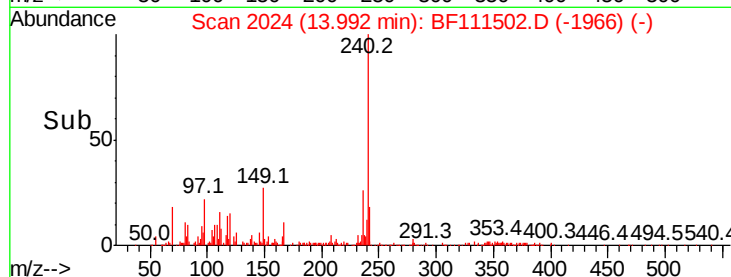
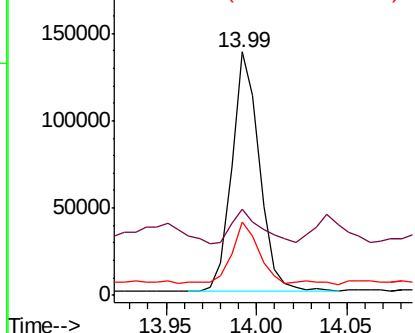
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.04 min
Lab File: BF111502.D
Acq: 16 Dec 2018 8:23

Instrument :
BNA_F
ClientSampleId :
23678

Tot Ion	Ratio	Lower	Upper
240	100		
120	35.4	12.2	18.2#
236	30.3	20.2	30.2#

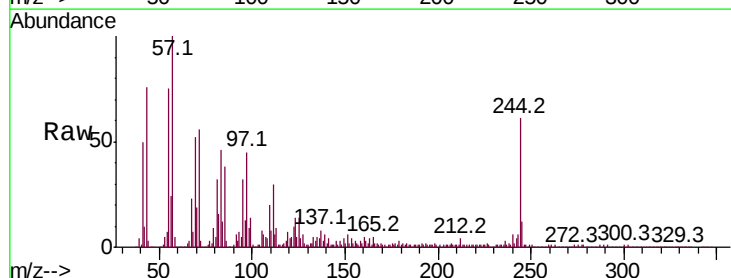


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

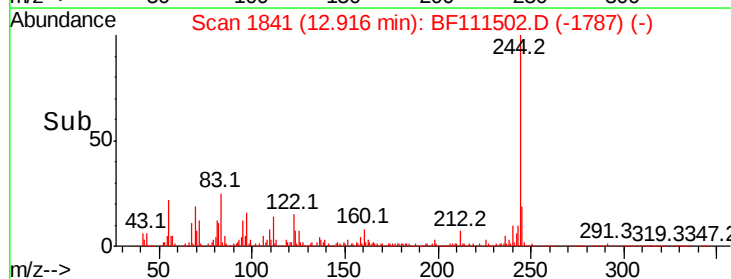
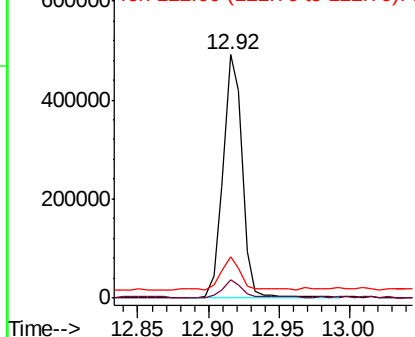


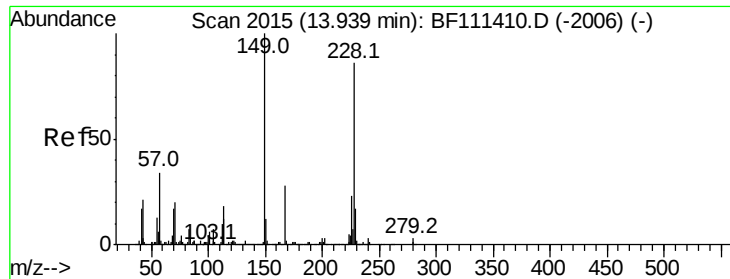
#79
Terphenyl-d14
Concen: 75.585 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.02 min
Lab File: BF111502.D
Acq: 16 Dec 2018 8:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	17.3	13.1	19.7



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: 177.834 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.04 min

Lab File: BF111502.D

Acq: 16 Dec 2018 8:23

Instrument :

BNA_F

ClientSampleId :

23678

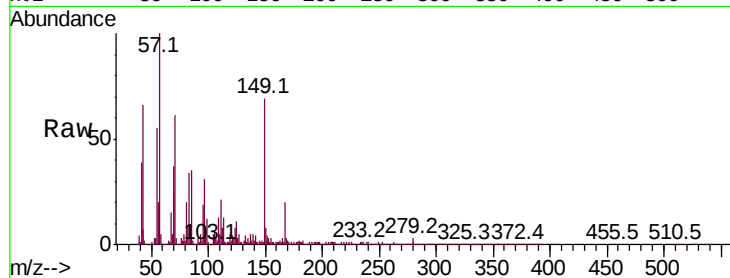
Tot Ion:149 Resp: 1126285

Ion Ratio Lower Upper

149 100

167 29.2 22.5 33.7

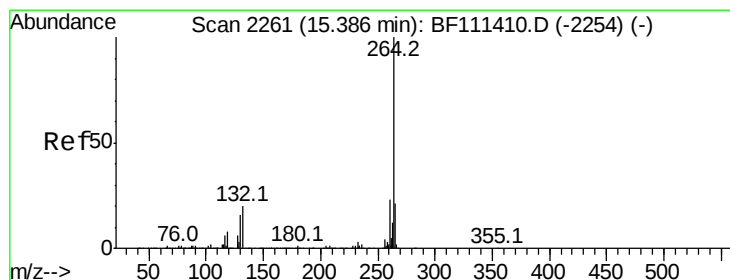
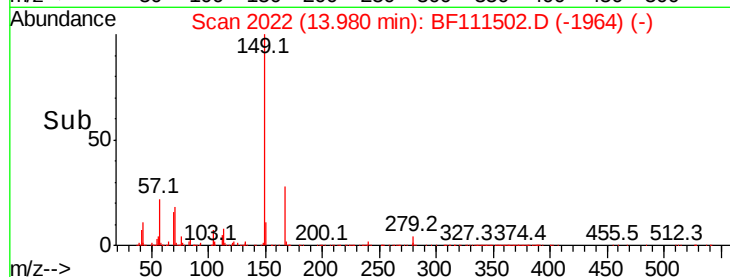
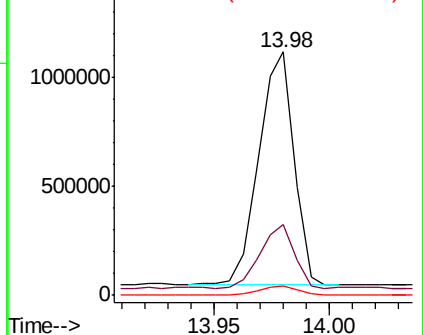
279 4.1 2.6 4.0#



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: 15.46 min Scan# 2273

Delta R.T. 0.07 min

Lab File: BF111502.D

Acq: 16 Dec 2018 8:23

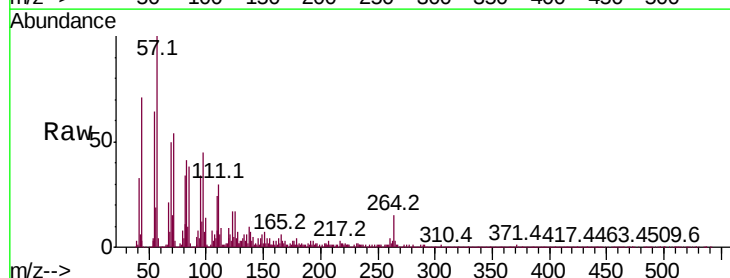
Tgt Ion:264 Resp: 128933

Ion Ratio Lower Upper

264 100

260 25.3 18.3 27.5

265 22.8 17.7 26.5



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

