

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
 Data File : BF112738.D
 Acq On : 28 Feb 2019 00:16
 Operator : JU/SJ
 Sample : K1627-05 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-(0-2)

Quant Time: Feb 28 03:43:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

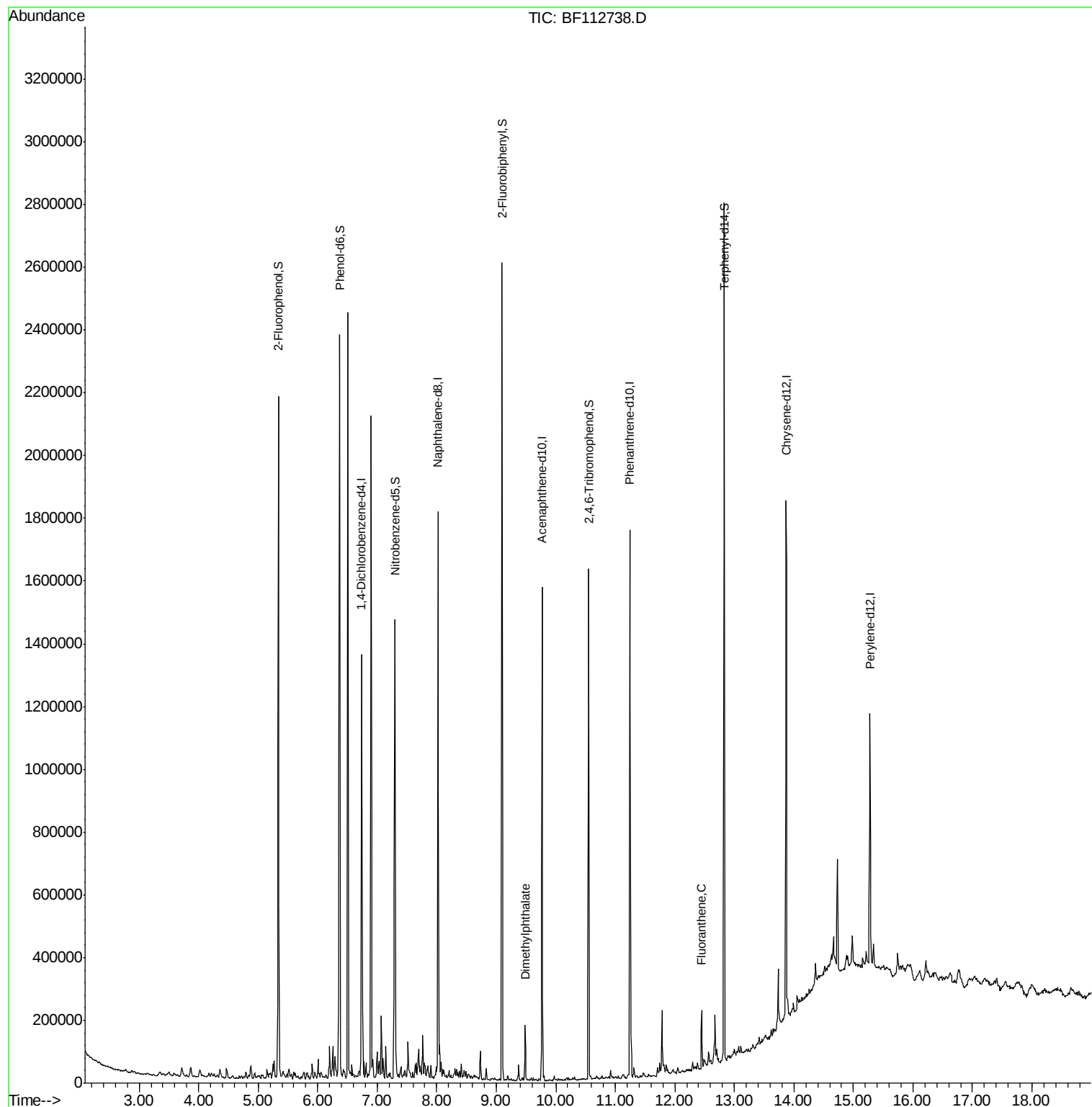
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	188812	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	678458	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	291083	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	587282	20.00	ng	0.00
76) Chrysene-d12	13.87	240	533958	20.00	ng	0.00
87) Perylene-d12	15.27	264	367407	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	629586	51.87	ng	0.00
7) Phenol-d6	6.37	99	780685	51.20	ng	0.00
23) Nitrobenzene-d5	7.30	82	423634	37.36	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	181184	58.63	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	741376	36.13	ng	0.00
79) Terphenyl-d14	12.83	244	853880	31.00	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.49	163	57674	2.687	ng	99
75) Fluoranthene	12.45	202	67509	2.156	ng	95

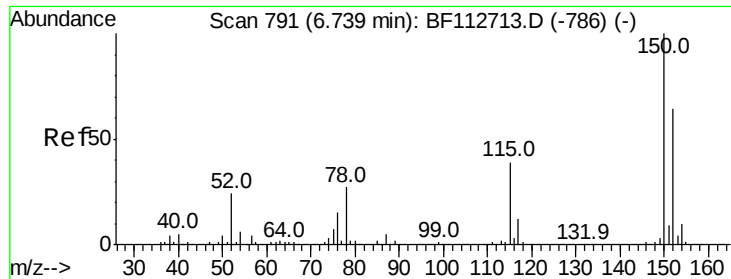
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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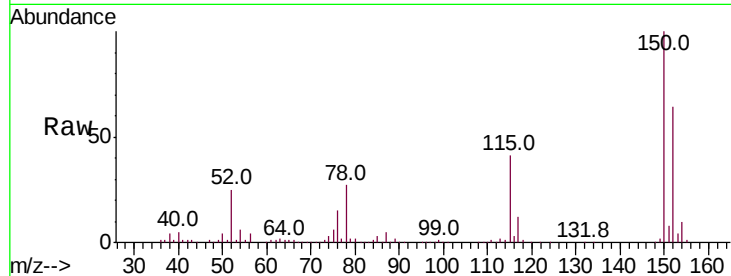


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF112738.D
 Acq: 28 Feb 2019 00:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.2	186.2
115	63.5	48.2	72.4

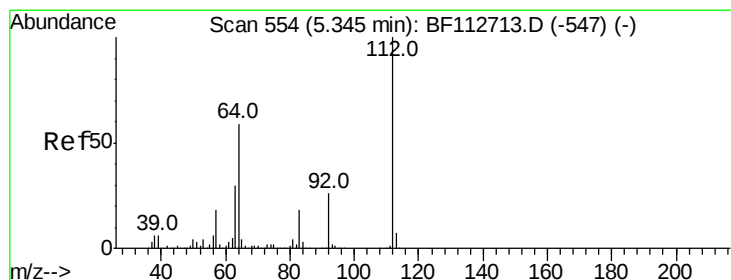
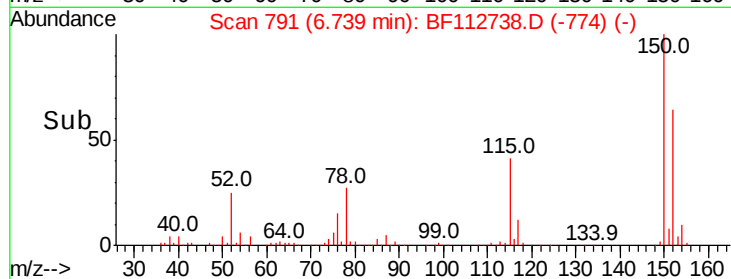
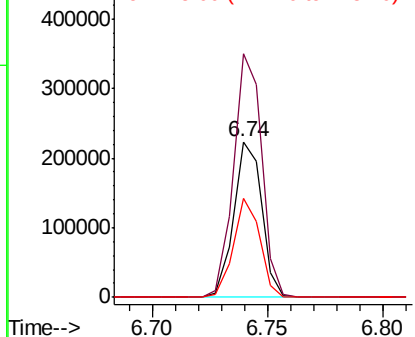


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

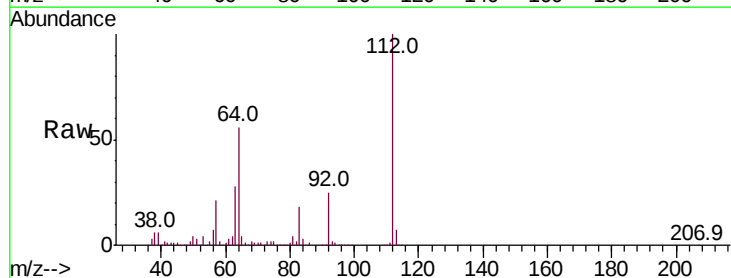
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 51.869 ng
 RT: 5.35 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF112738.D
 Acq: 28 Feb 2019 00:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	47.6	71.4
63	28.5	24.4	36.6

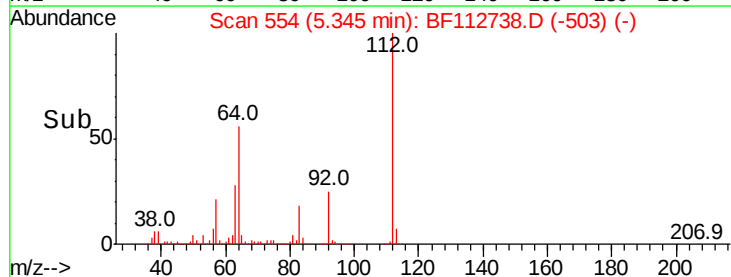
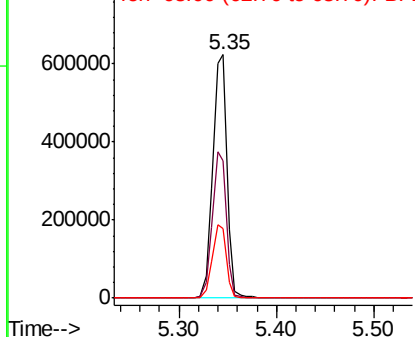


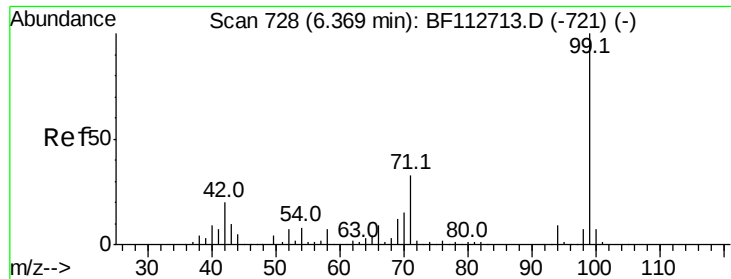
Abundance

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: 51.201 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112738.D

Acq: 28 Feb 2019 00:16

Instrument :

BNA_F

ClientSampleId :

SB-03-(0-2)

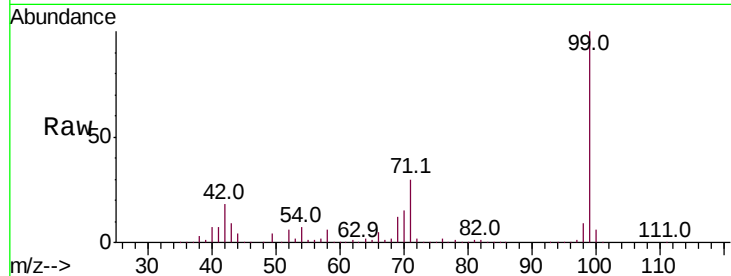
Tot Ion: 99 Resp: 780685

Ion Ratio Lower Upper

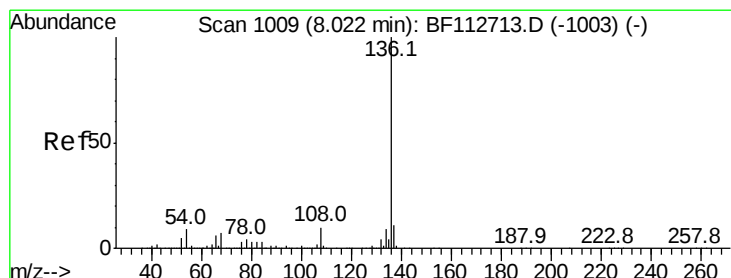
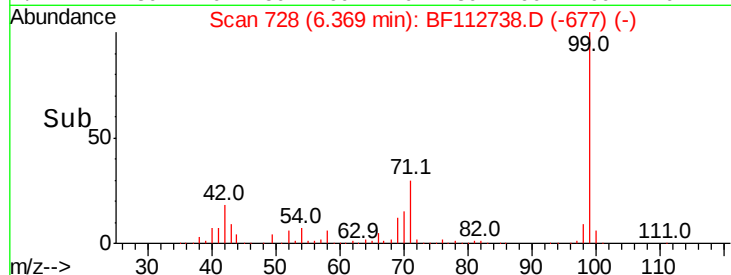
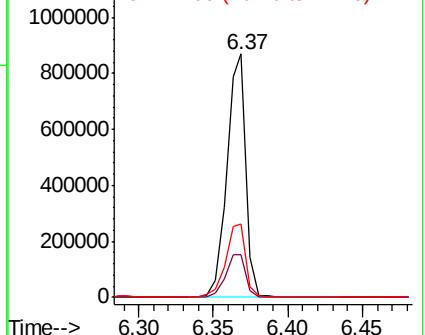
99 100

42 17.7 16.3 24.5

71 30.0 26.2 39.4



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: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF112738.D

Acq: 28 Feb 2019 00:16

Tgt Ion: 136 Resp: 678458

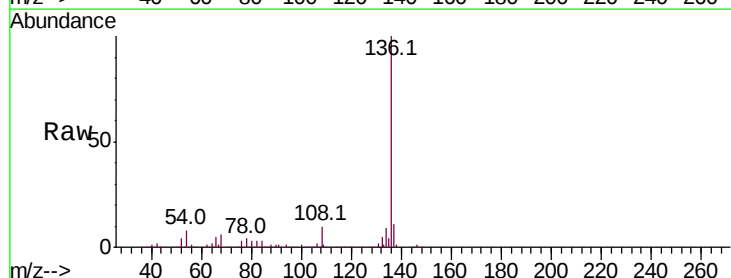
Ion Ratio Lower Upper

136 100

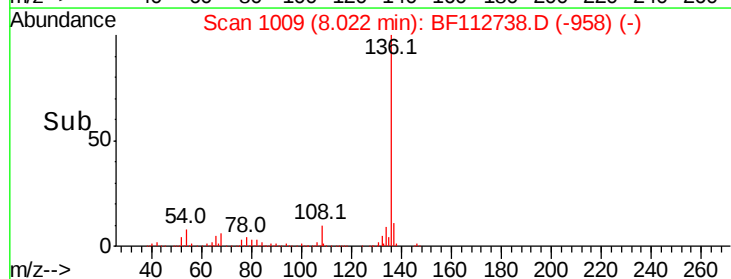
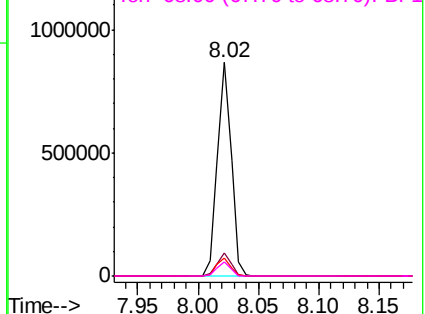
137 11.0 8.9 13.3

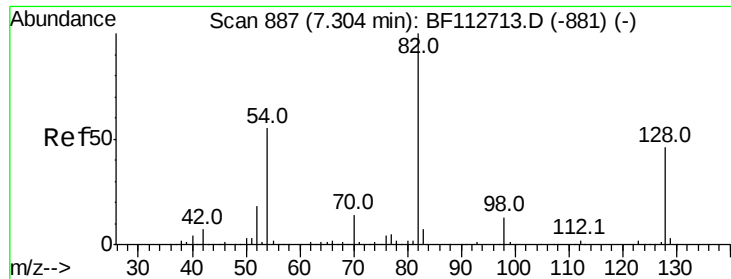
54 8.3 7.3 10.9

68 6.3 5.4 8.2



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

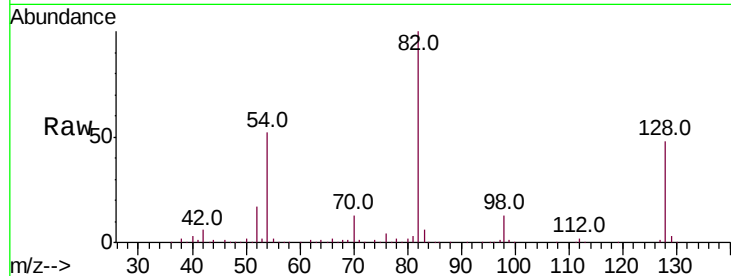




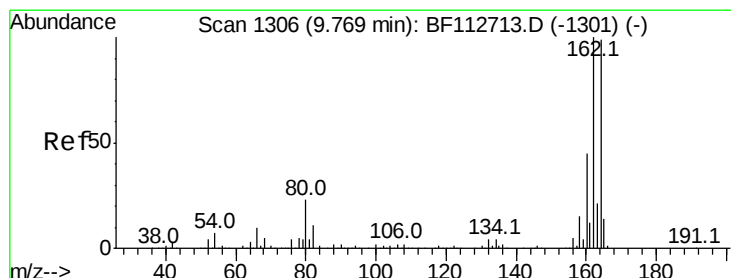
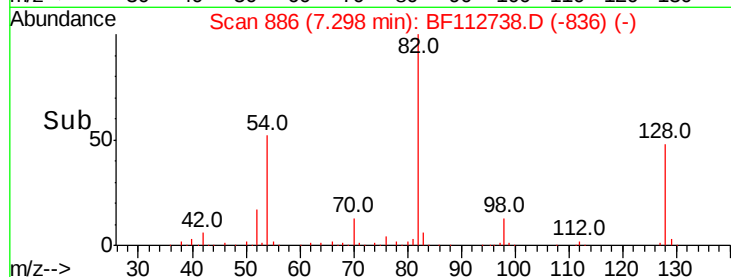
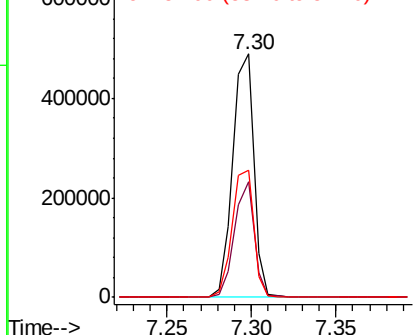
#23
 Nitrobenzene-d5
 Concen: 37.363 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF112738.D
 Acq: 28 Feb 2019 00:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-(0-2)

Tot Ion: 82 Resp: 423634
 Ion Ratio Lower Upper
 82 100
 128 47.5 36.3 54.5
 54 52.3 43.7 65.5

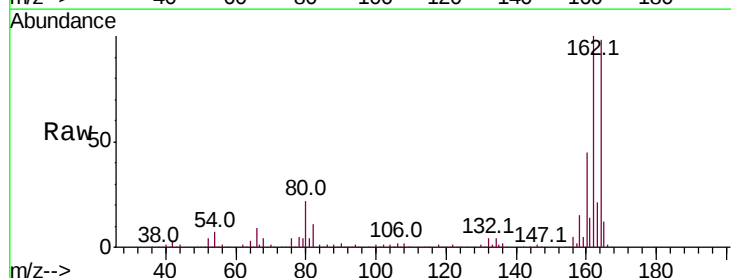


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

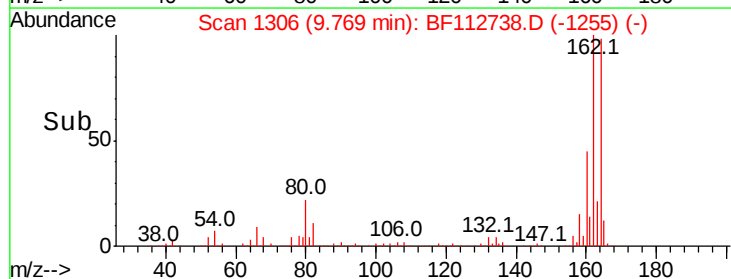
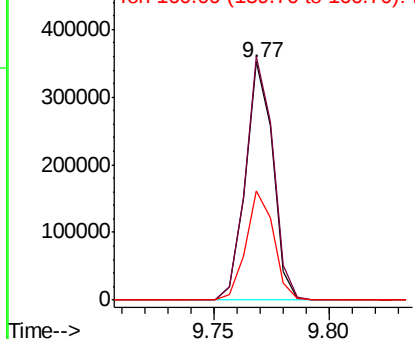


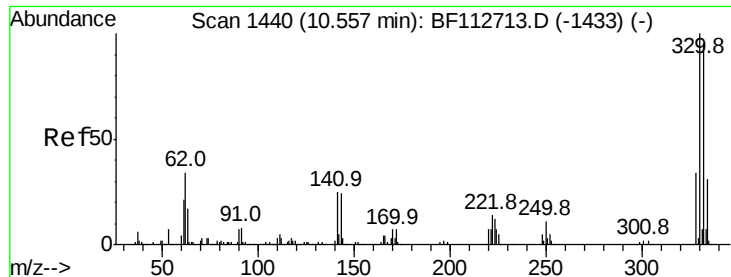
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BF112738.D
 Acq: 28 Feb 2019 00:16

Tgt Ion:164 Resp: 291083
 Ion Ratio Lower Upper
 164 100
 162 102.2 80.6 120.8
 160 45.7 36.0 54.0



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

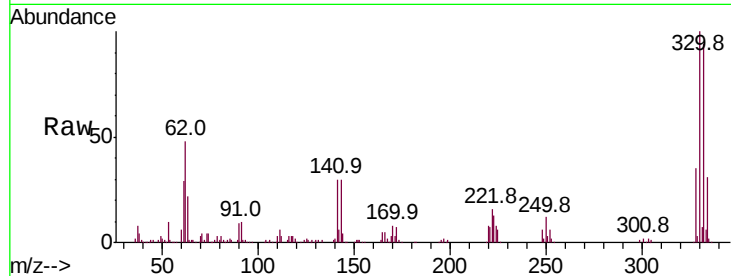




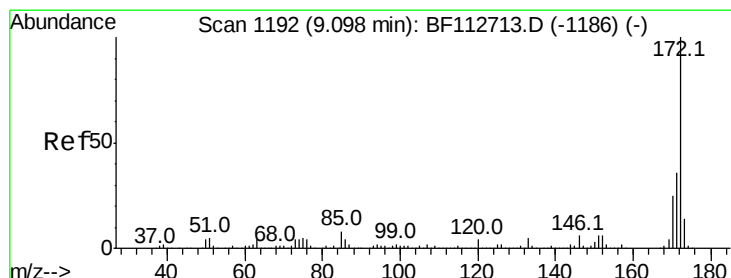
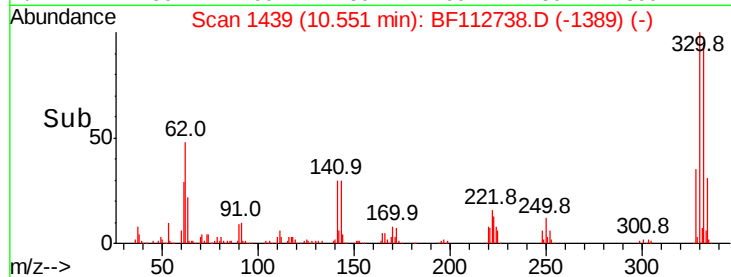
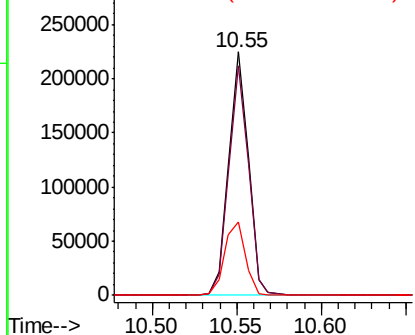
#42
 2,4,6-Tribromophenol
 Concen: 58.632 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF112738.D
 Acq: 28 Feb 2019 00:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-(0-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	76.2	114.4
141	32.1	27.0	40.6

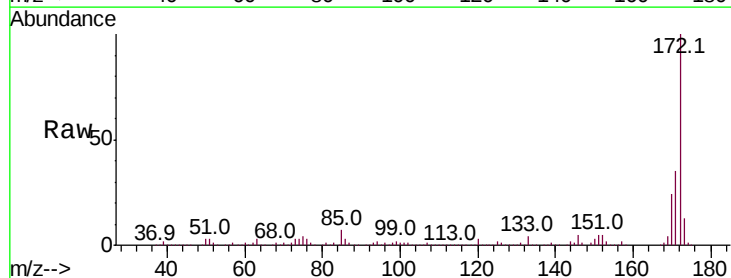


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

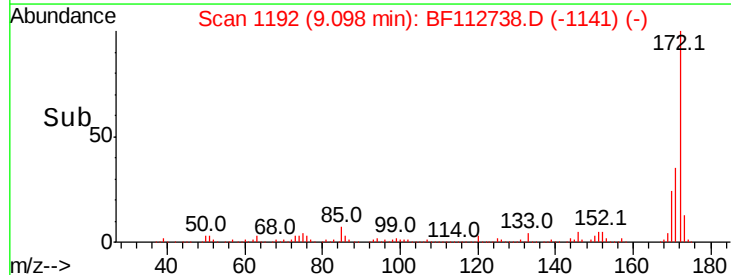
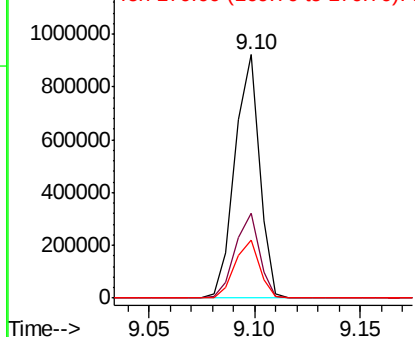


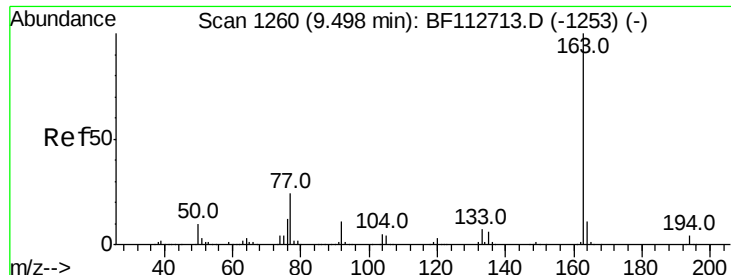
#45
 2-Fluorobiphenyl
 Concen: 36.128 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF112738.D
 Acq: 28 Feb 2019 00:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.0	43.4
170	23.8	20.0	30.0



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

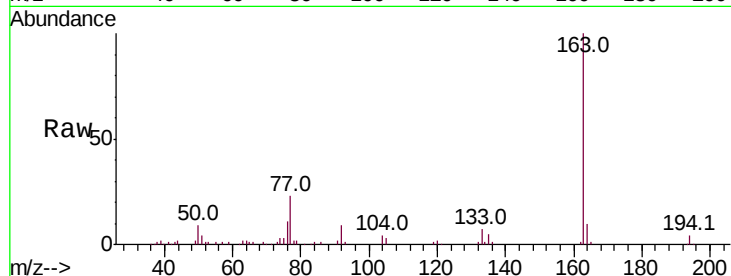




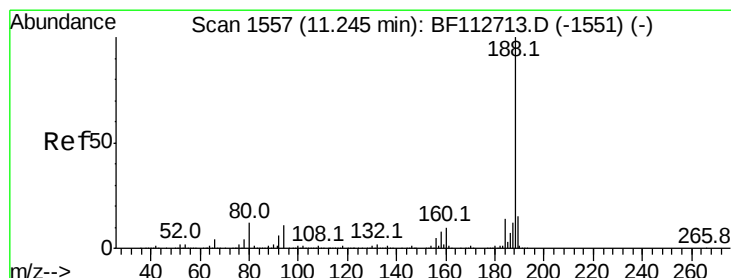
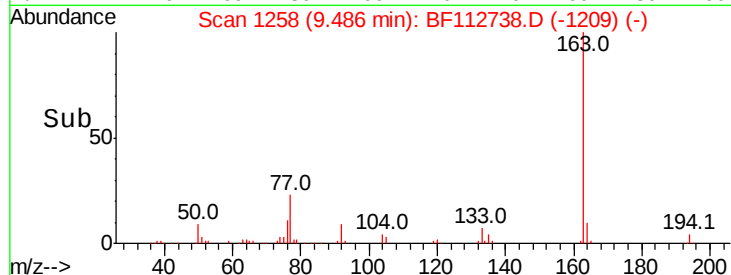
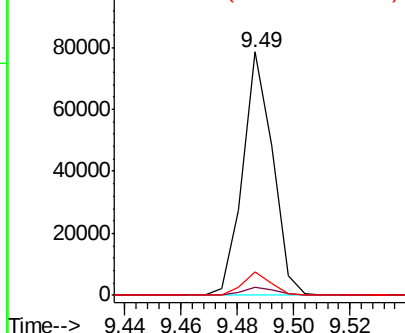
#50
Dimethylphthalate
Concen: 2.687 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Instrument :
BNA_F
ClientSampleId :
SB-03-(0-2)

Tot Ion:163 Resp: 57674
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 9.8 8.4 12.6

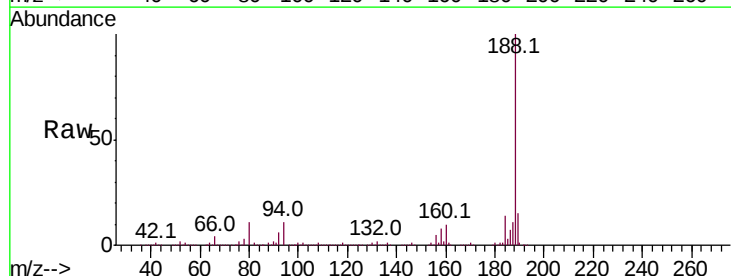


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

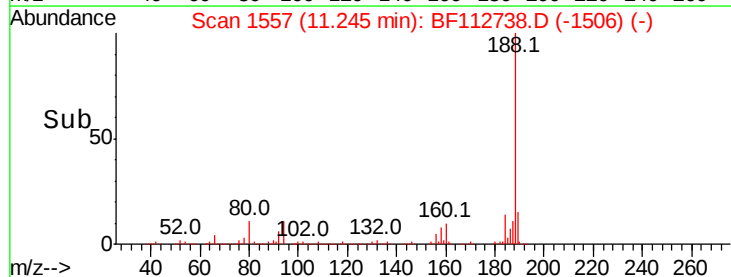
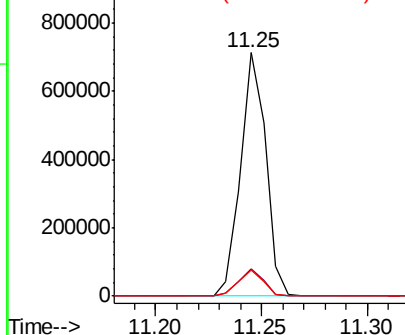


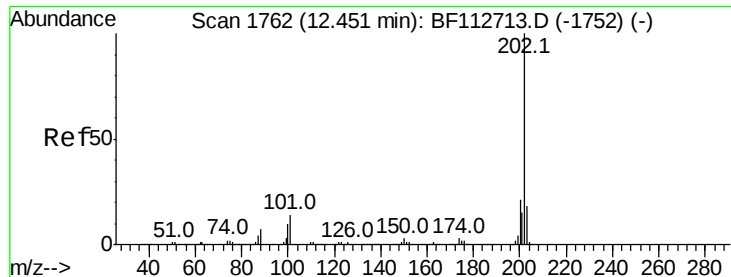
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF112738.D
Acq: 28 Feb 2019 00:16

Tgt Ion:188 Resp: 587282
Ion Ratio Lower Upper
188 100
94 11.1 9.0 13.4
80 10.9 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





#75

Fluoranthene

Concen: 2.156 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF112738.D

Acq: 28 Feb 2019 00:16

Instrument :

BNA_F

ClientSampleId :

SB-03-(0-2)

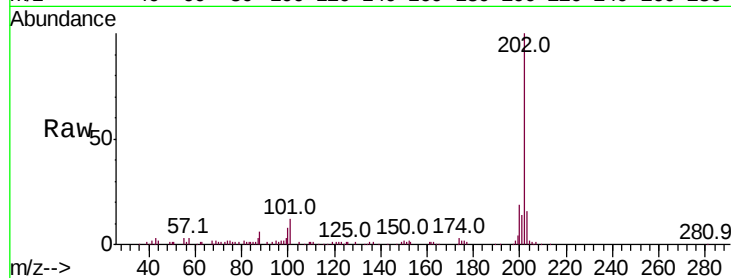
Tot Ion:202 Resp: 67509

Ion Ratio Lower Upper

202 100

101 11.5 0.0 33.8

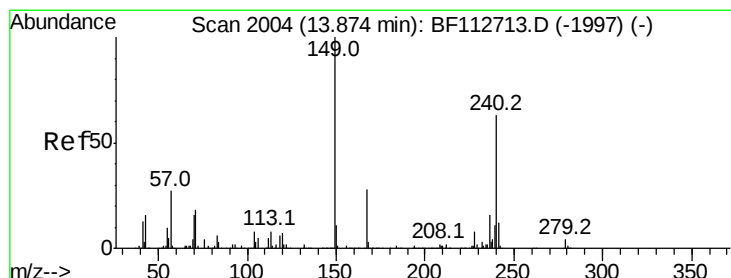
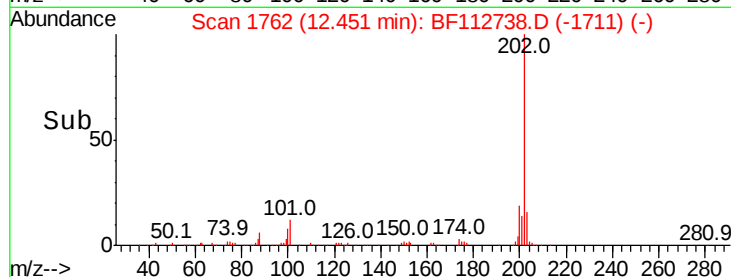
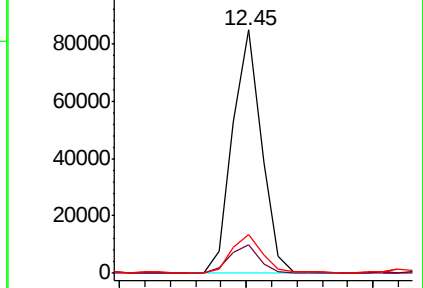
203 16.1 0.0 38.4



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: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF112738.D

Acq: 28 Feb 2019 00:16

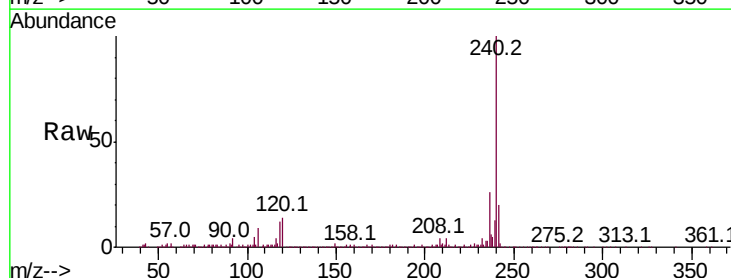
Tgt Ion:240 Resp: 533958

Ion Ratio Lower Upper

240 100

120 13.5 8.9 13.3#

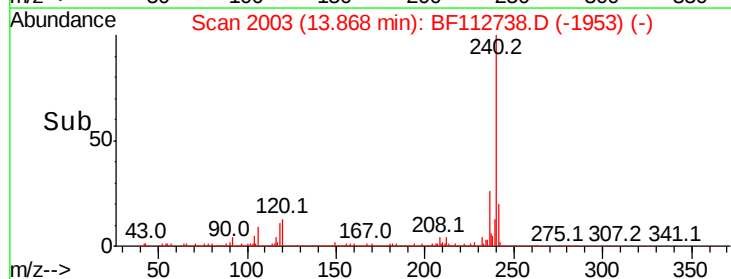
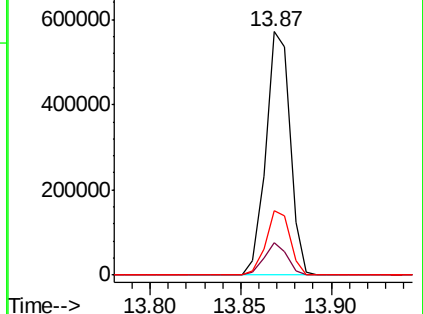
236 26.2 20.7 31.1

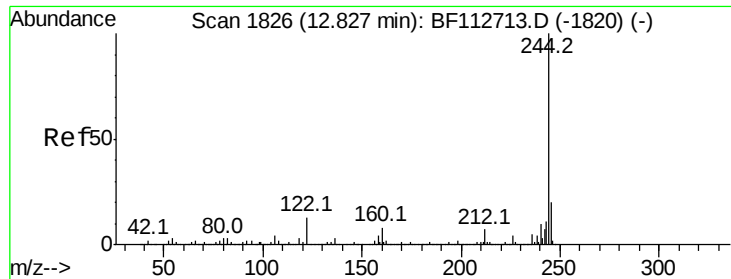


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

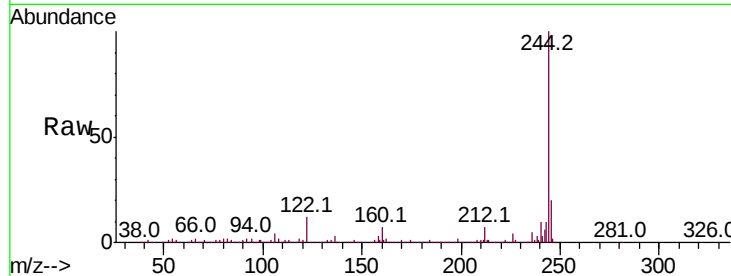




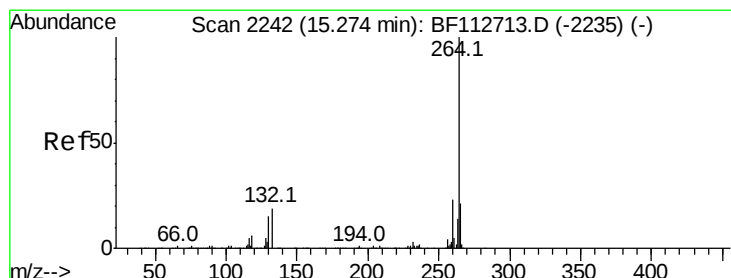
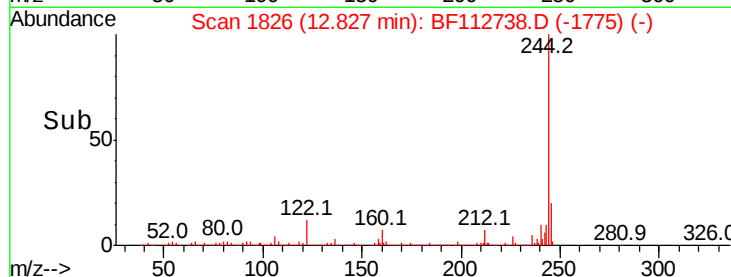
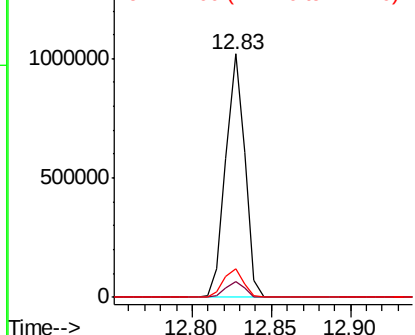
#79
 Terphenyl-d14
 Concen: 31.000 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF112738.D
 Acq: 28 Feb 2019 00:16

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-(0-2)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.6	8.4
122	12.0	10.5	15.7

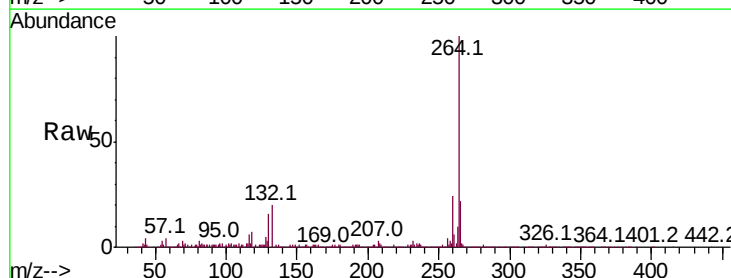


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. 0.00 min
 Lab File: BF112738.D
 Acq: 28 Feb 2019 00:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.6	17.2	25.8



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

