

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
 Data File : BF113205.D
 Acq On : 21 Mar 2019 13:40
 Operator : JU/SJ
 Sample : K1688-35 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-H

Quant Time: Mar 22 00:42:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

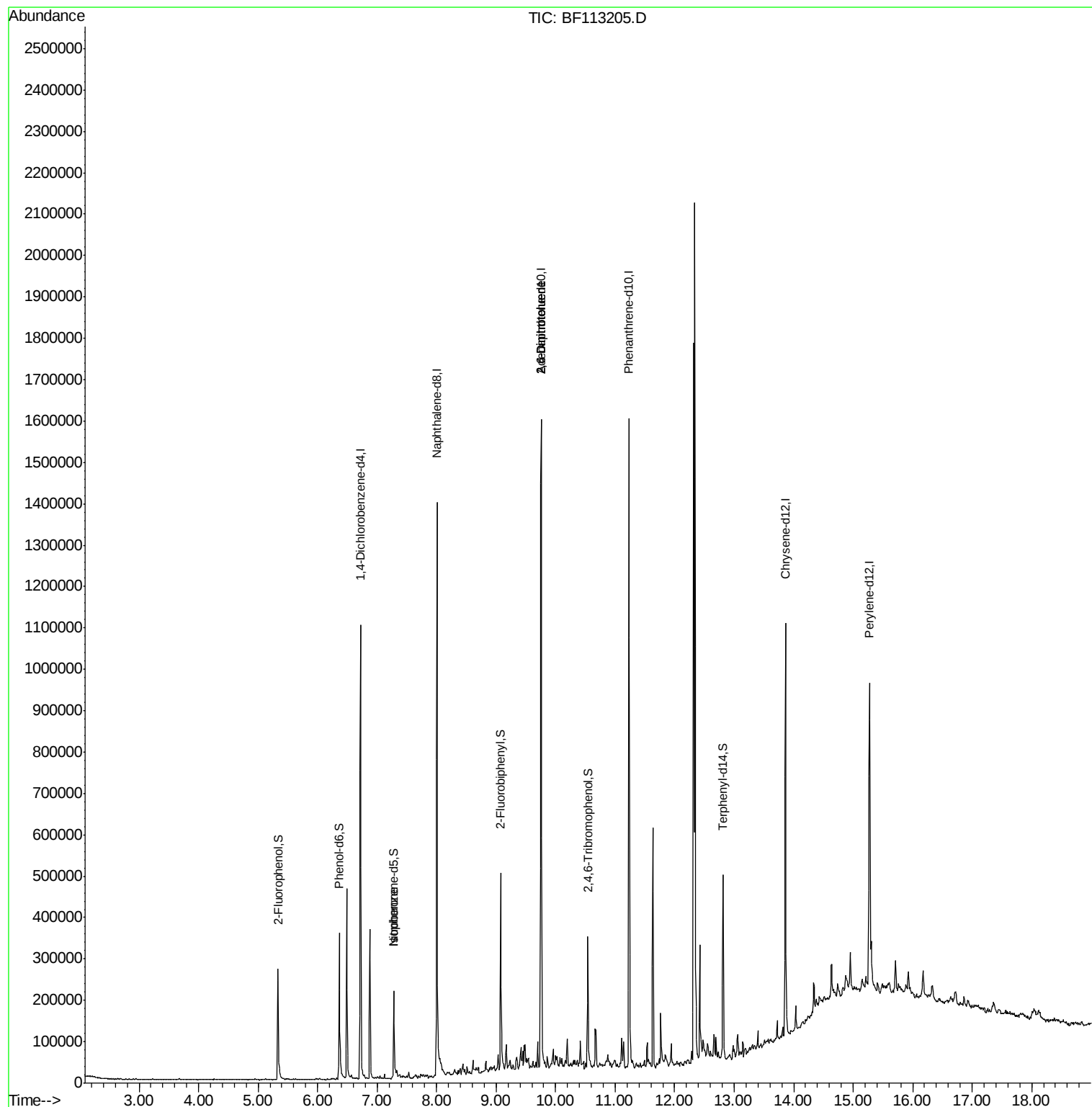
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	168896	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	683314	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	333471	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	612667	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	368482	20.00	ng	0.00
87) Perylene-d12	15.27	264	356752	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	102343	9.43	ng	-0.01
7) Phenol-d6	6.36	99	158166	11.60	ng	-0.01
23) Nitrobenzene-d5	7.28	82	87178	7.63	ng	-0.02
42) 2,4,6-Tribromophenol	10.54	330	47580	13.44	ng	-0.01
45) 2-Fluorobiphenyl	9.08	172	198567	6.65	ng	-0.01
79) Terphenyl-d14	12.81	244	164332	8.65	ng	-0.01
Target Compounds						
25) Isophorone	7.28	82	87177	3.544	ng	# 66
51) 2,6-Dinitrotoluene	9.76	165	44796	8.749	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	44796	7.038	ng	# 18

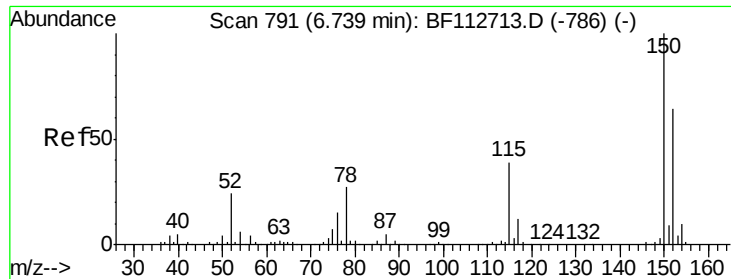
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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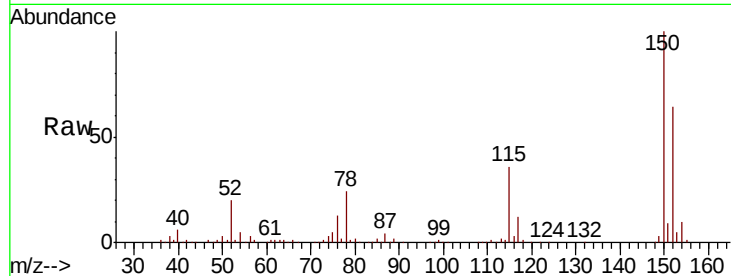


#1

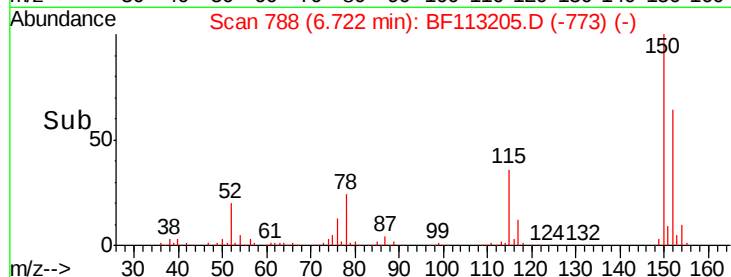
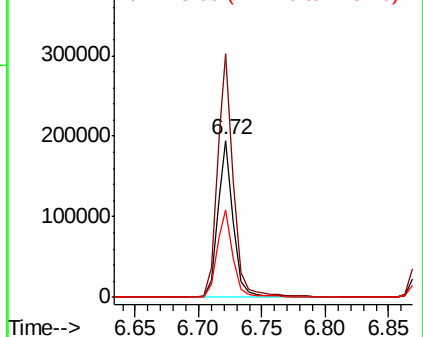
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113205.D
Acq: 21 Mar 2019 13:40

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-H

Tgt Ion:152 Resp: 168896
Ion Ratio Lower Upper
152 100
150 155.2 124.2 186.2
115 55.8 48.2 72.4



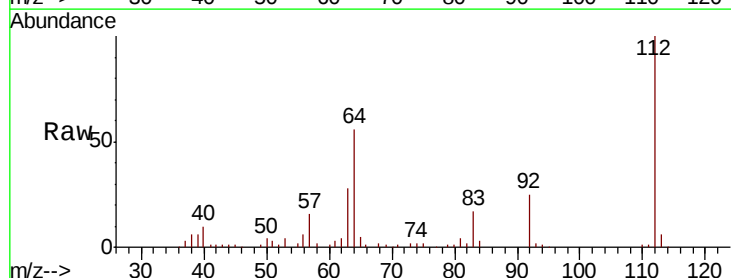
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



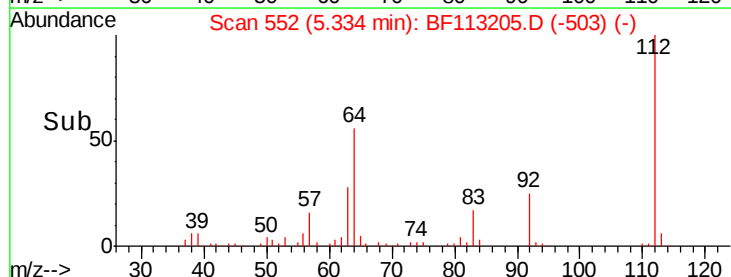
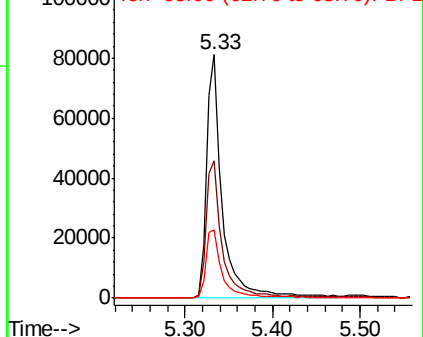
#5

2-Fluorophenol
Concen: 9.426 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113205.D
Acq: 21 Mar 2019 13:40

Tgt Ion:112 Resp: 102343
Ion Ratio Lower Upper
112 100
64 56.5 47.6 71.4
63 28.0 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: 11.597 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113205.D

Acq: 21 Mar 2019 13:40

Instrument :

BNA_F

ClientSampleId :

JC-02-031919-H

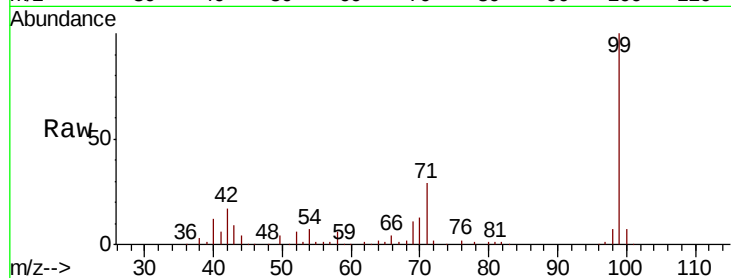
Tgt Ion: 99 Resp: 158166

Ion Ratio Lower Upper

99 100

42 17.0 16.3 24.5

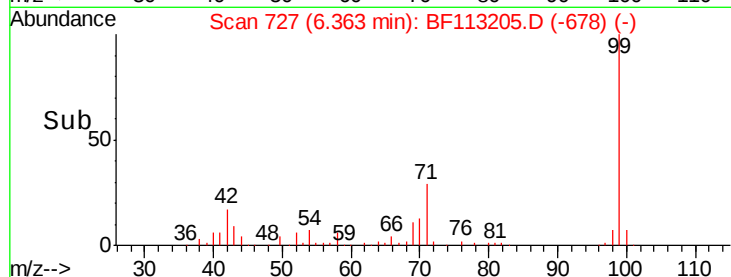
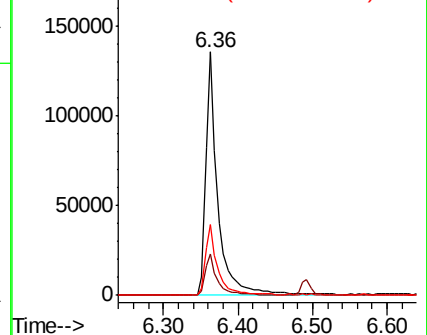
71 29.3 26.2 39.4



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: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF113205.D

Acq: 21 Mar 2019 13:40

Tgt Ion: 136 Resp: 683314

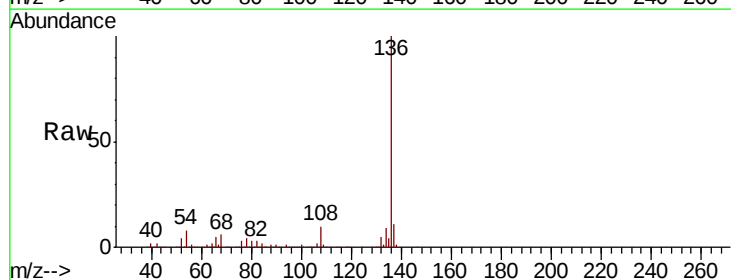
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.2 7.3 10.9

68 5.9 5.4 8.2

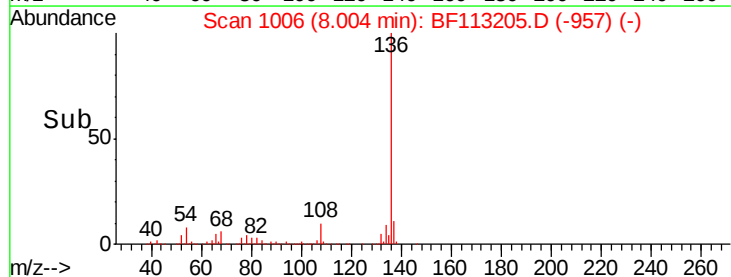
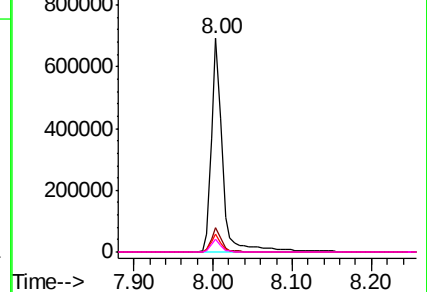


Abundance Ion 136.00 (135.70 to 136.70): E

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

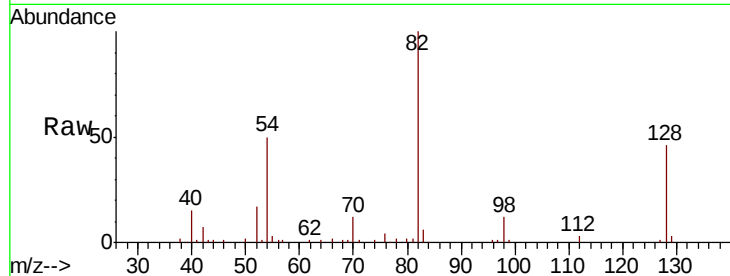




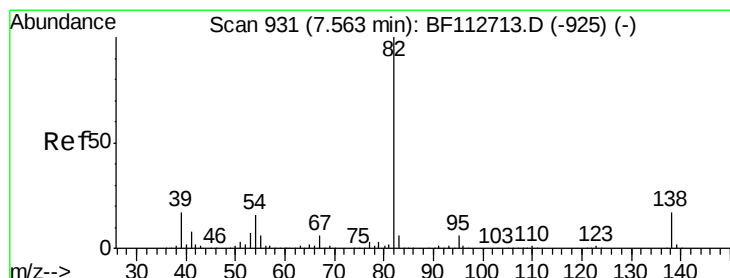
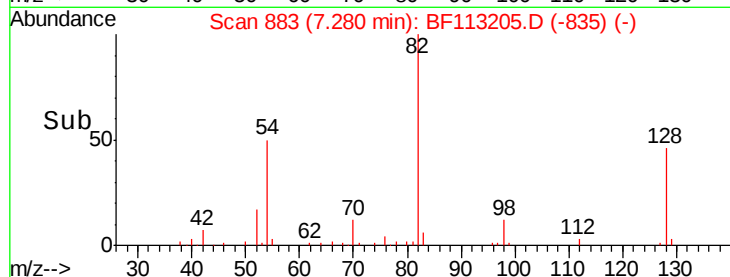
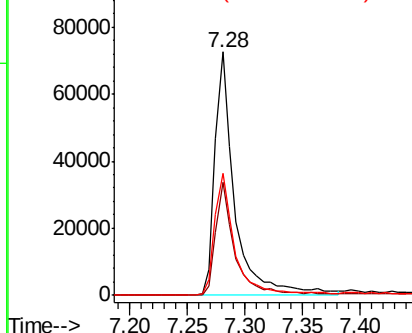
#23
Nitrobenzene-d5
Concen: 7.634 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113205.D
Acq: 21 Mar 2019 13:40

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-H

Tgt Ion: 82 Resp: 87178
Ion Ratio Lower Upper
82 100
128 46.3 36.3 54.5
54 50.3 43.7 65.5

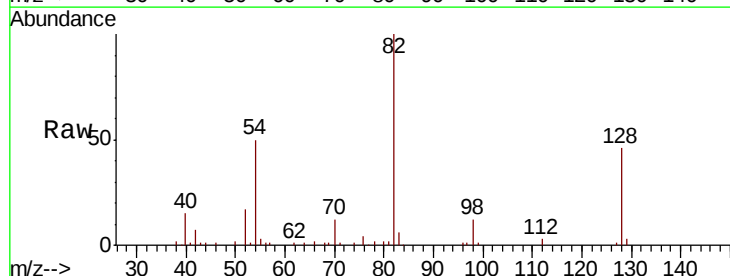


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

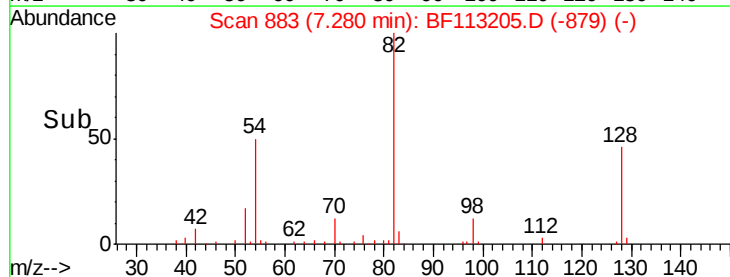
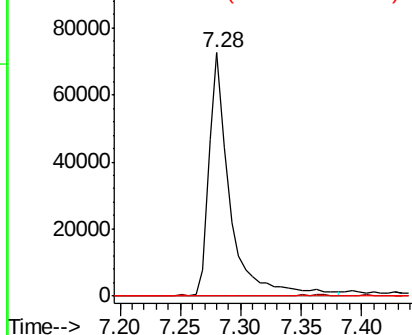


#25
Isophorone
Concen: 3.544 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.28 min
Lab File: BF113205.D
Acq: 21 Mar 2019 13:40

Tgt Ion: 82 Resp: 87177
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 13.8 20.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

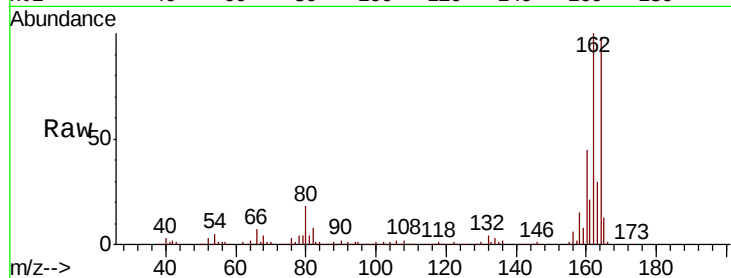




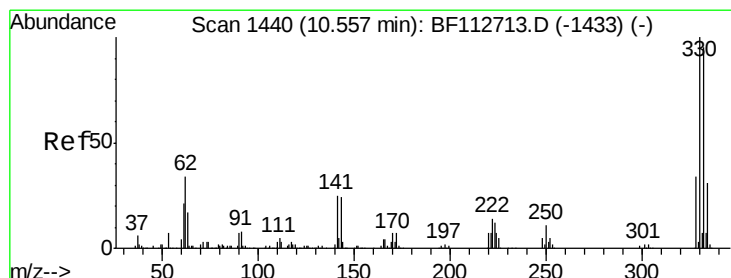
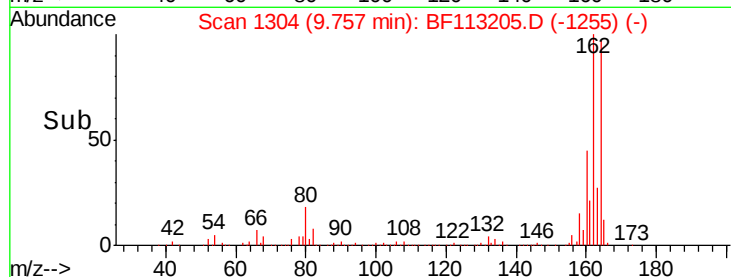
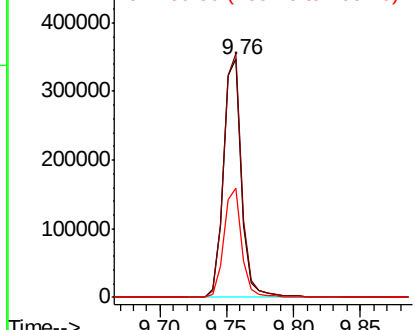
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113205.D
Acq: 21 Mar 2019 13:40

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-H

Tgt Ion:164 Resp: 333471
Ion Ratio Lower Upper
164 100
162 102.3 80.6 120.8
160 46.1 36.0 54.0

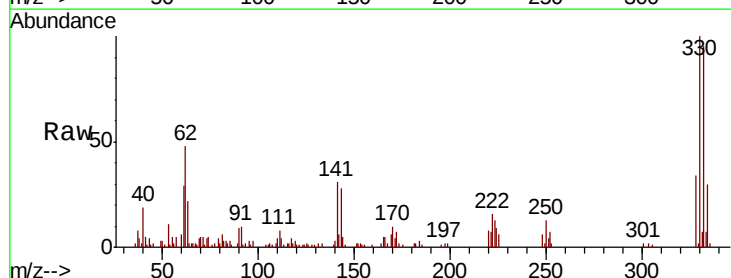


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

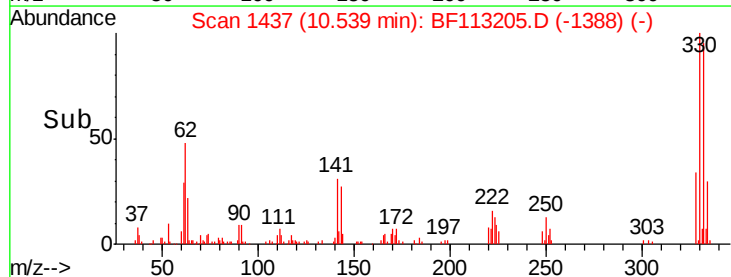
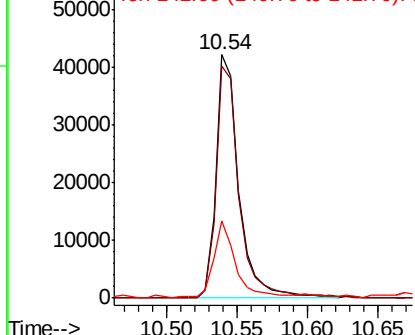


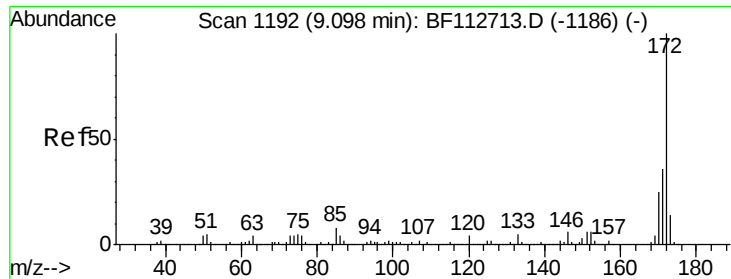
#42
2,4,6-Tribromophenol
Concen: 13.440 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF113205.D
Acq: 21 Mar 2019 13:40

Tgt Ion:330 Resp: 47580
Ion Ratio Lower Upper
330 100
332 96.3 76.2 114.4
141 31.5 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

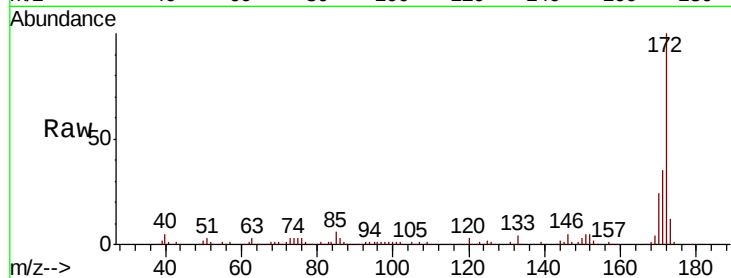




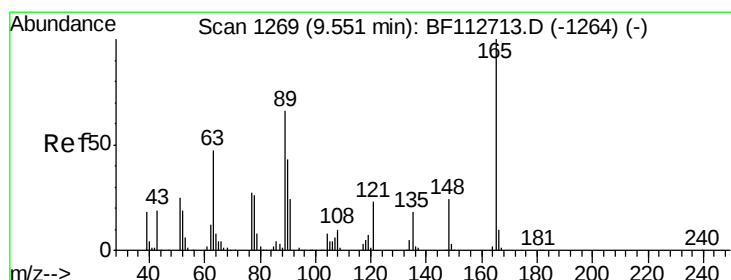
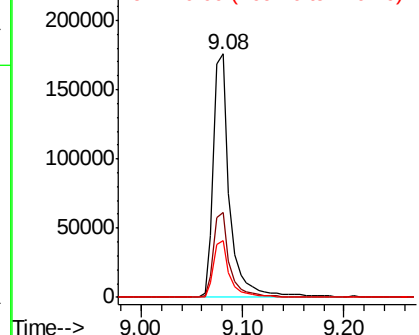
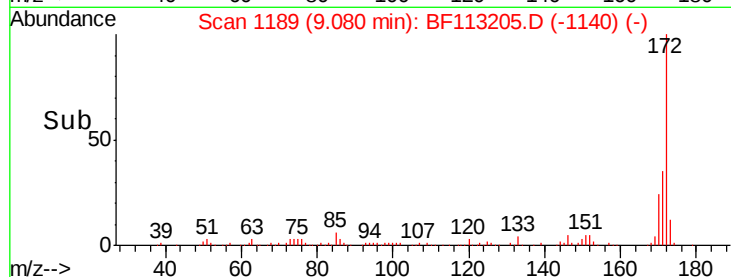
#45
 2-Fluorobiphenyl
 Concen: 6.650 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113205.D
 Acq: 21 Mar 2019 13:40

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-031919-H

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.0	43.4
170	23.5	20.0	30.0

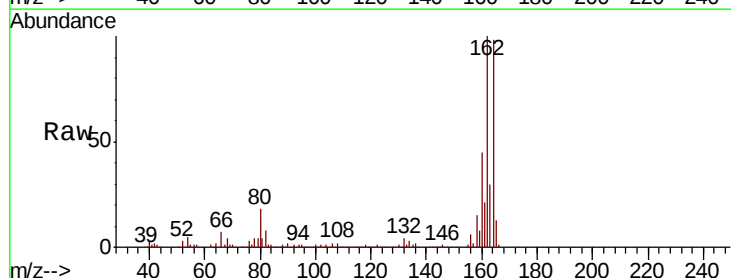


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

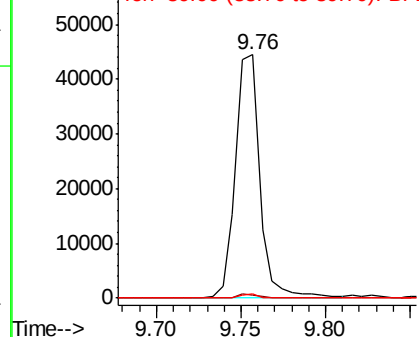
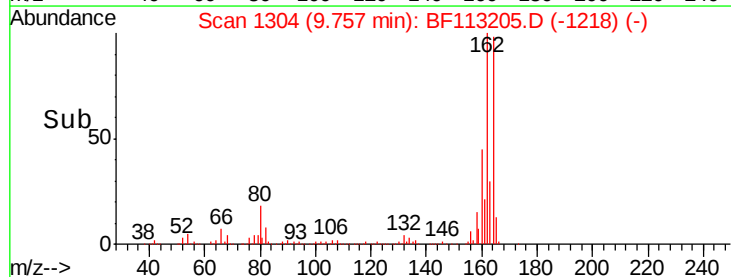


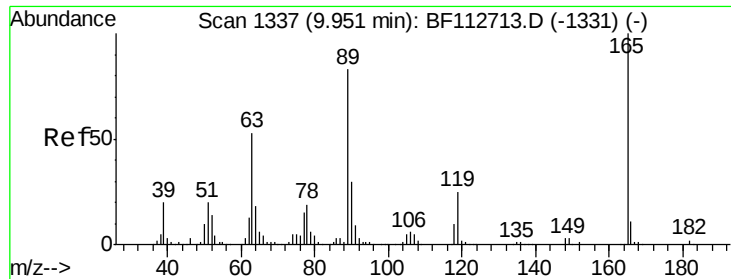
#51
 2,6-Dinitrotoluene
 Concen: 8.749 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.21 min
 Lab File: BF113205.D
 Acq: 21 Mar 2019 13:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	54.1	81.1#
89	1.6	52.8	79.2#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

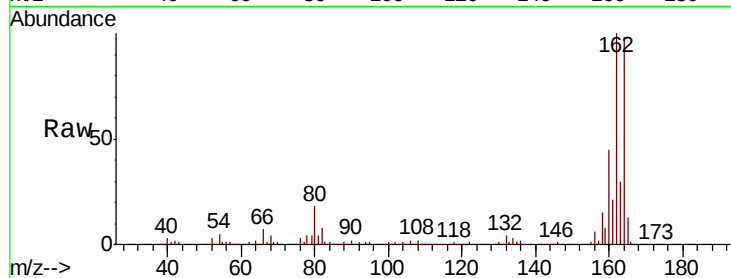




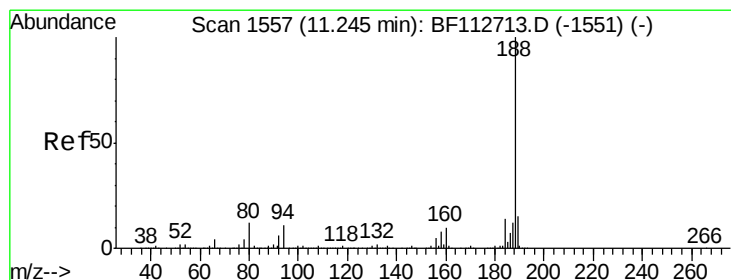
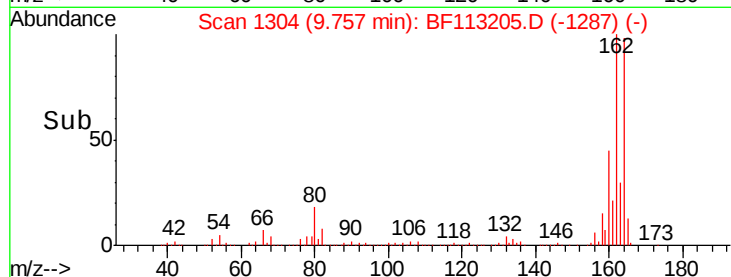
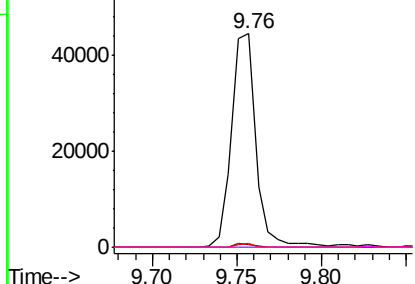
#57
2,4-Dinitrotoluene
Concen: 7.038 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.20 min
Lab File: BF113205.D
Acq: 21 Mar 2019 13:40

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-H

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.2	63.2#
89	1.6	66.2	99.4#
182	0.0	1.8	2.6#

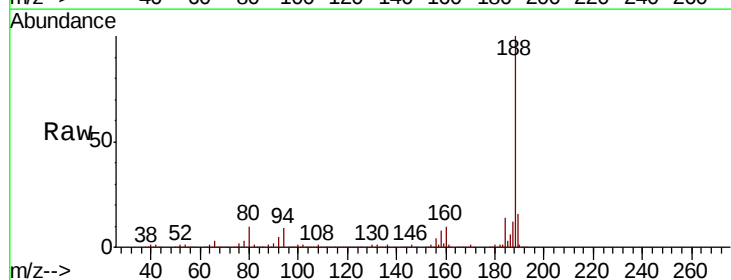


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

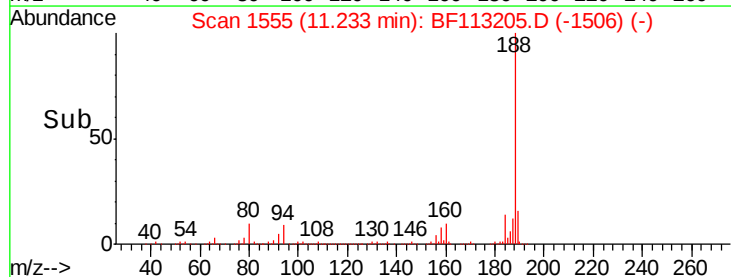
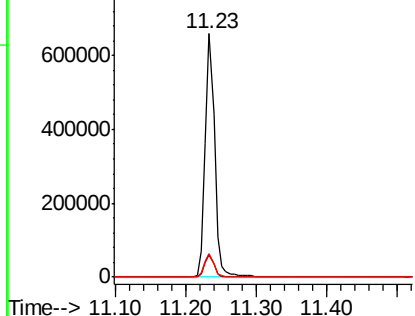


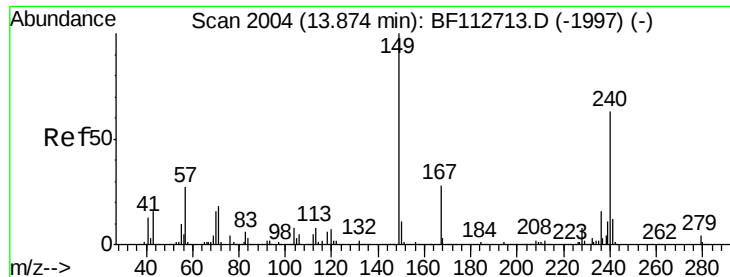
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113205.D
Acq: 21 Mar 2019 13:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.0	13.4
80	9.7	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

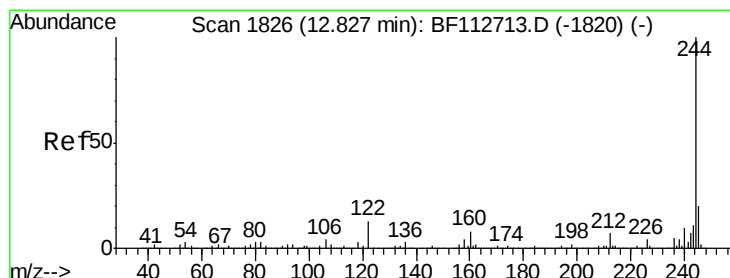
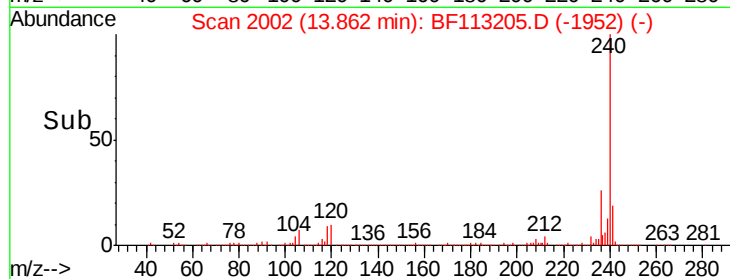
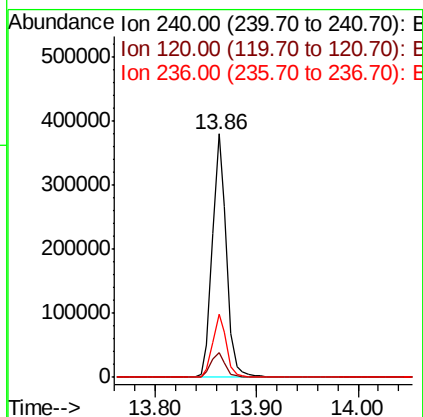
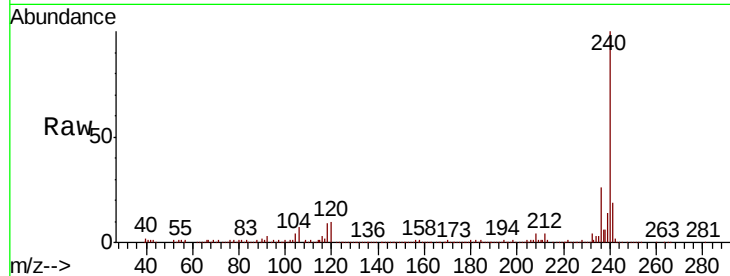




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113205.D
Acq: 21 Mar 2019 13:40

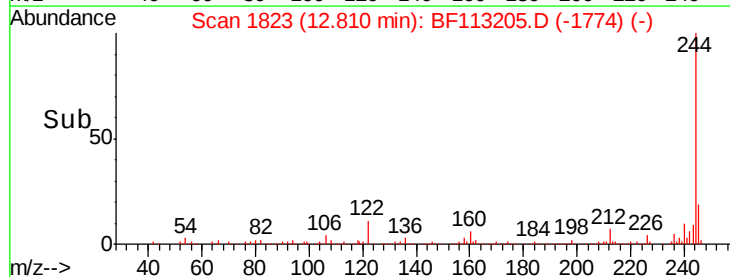
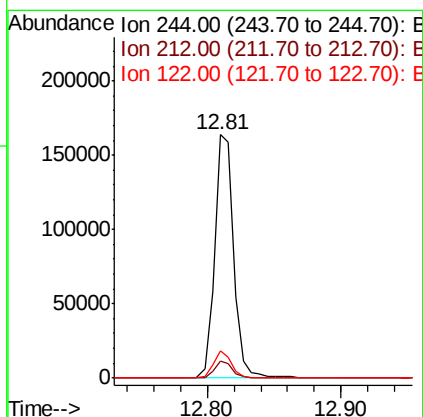
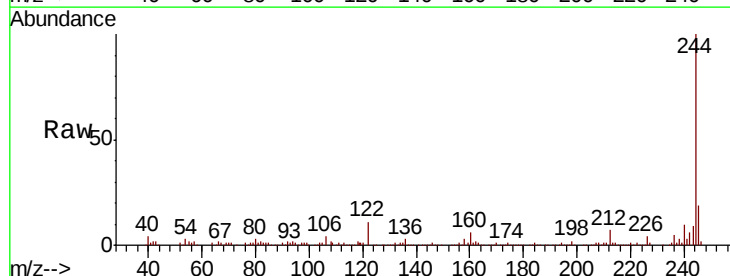
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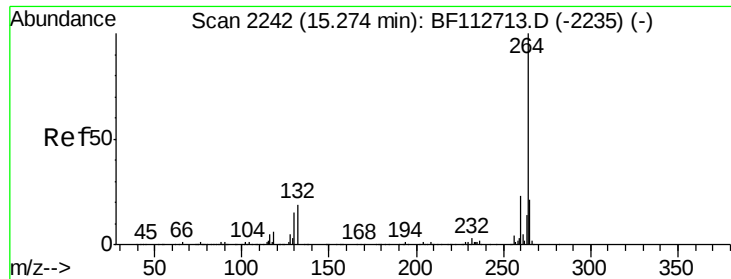
Tgt Ion:240 Resp: 368482
Ion Ratio Lower Upper
240 100
120 10.4 8.9 13.3
236 25.9 20.7 31.1



#79
Terphenyl-d14
Concen: 8.645 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF113205.D
Acq: 21 Mar 2019 13:40

Tgt Ion:244 Resp: 164332
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 11.0 10.5 15.7

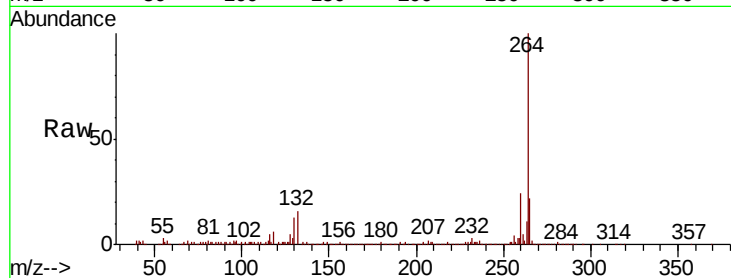




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF113205.D
Acq: 21 Mar 2019 13:40

Instrument :
BNA_F
ClientSampleId :
JC-02-031919-H

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.8	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

