

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032819\
 Data File : BF113391.D
 Acq On : 28 Mar 2019 23:24
 Operator : JU/SJ
 Sample : K2121-01 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-11

Quant Time: Mar 29 02:14:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

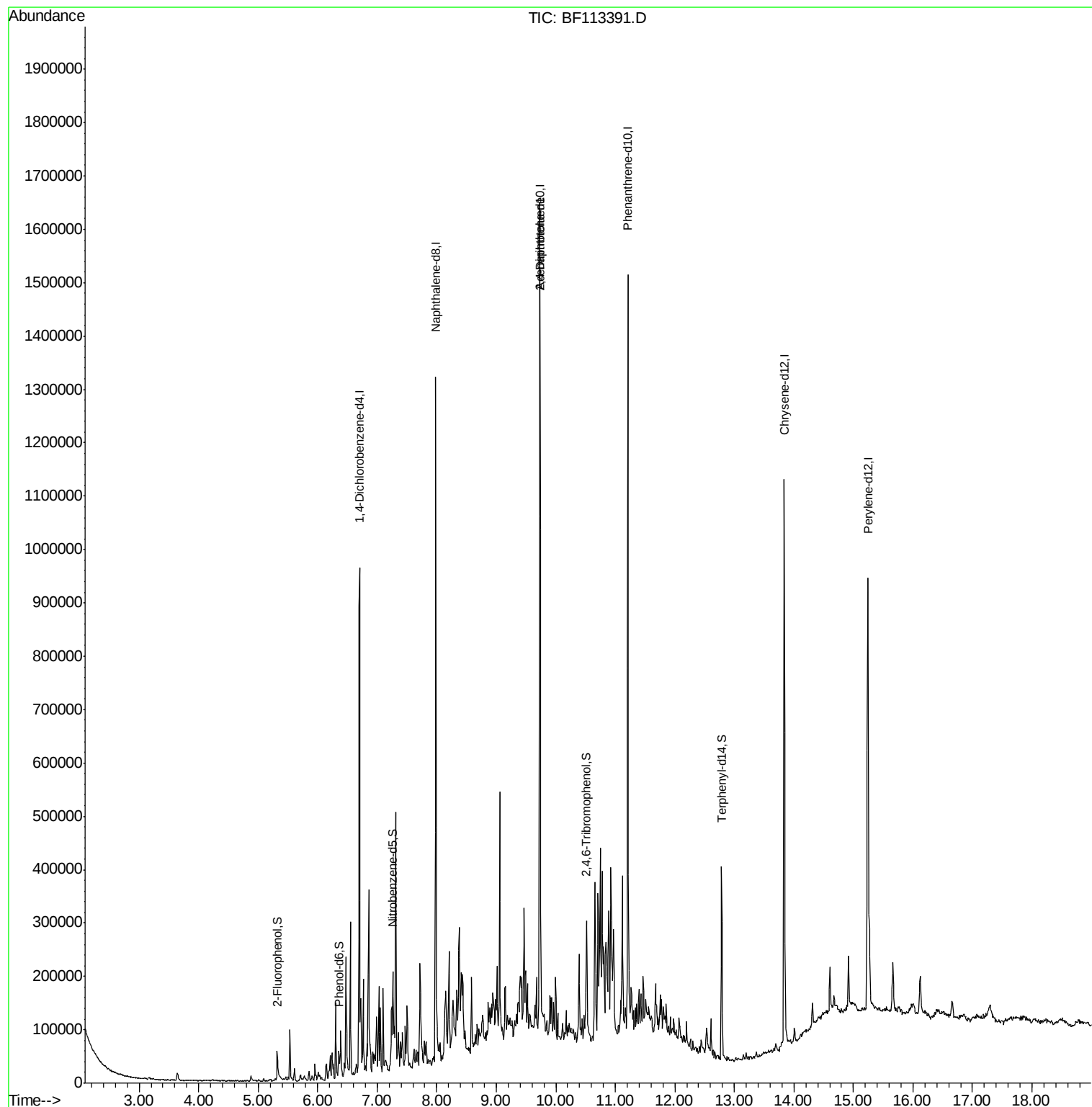
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	161025	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	654184	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	308690	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	560046	20.00	ng	0.00
76) Chrysene-d12	13.84	240	419673	20.00	ng	0.00
87) Perylene-d12	15.24	264	435577	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	30549	3.10	ng	0.00
7) Phenol-d6	6.36	99	28988	2.33	ng	0.00
23) Nitrobenzene-d5	7.26	82	64133	5.82	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	29611	7.77	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	153415	-12.43	ng	0.00
79) Terphenyl-d14	12.79	244	127997	6.72	ng	-0.01
Target Compounds						
20) 3+4-Methylphenols	6.99	107	379	Below Cal	#	1
57) 2,4-Dinitrotoluene	9.73	165	41542	6.330 ng	#	23

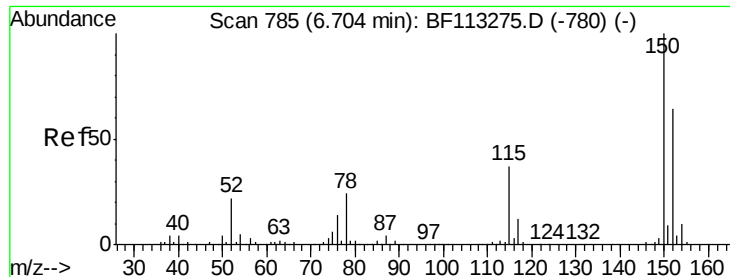
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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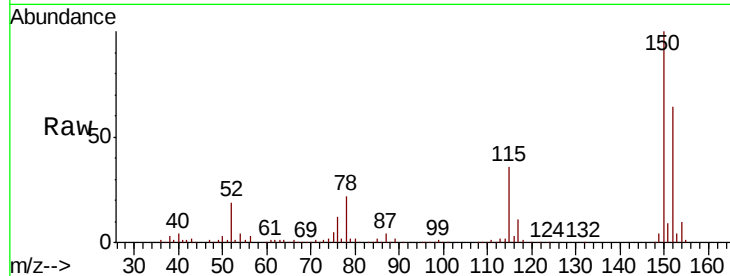


#1

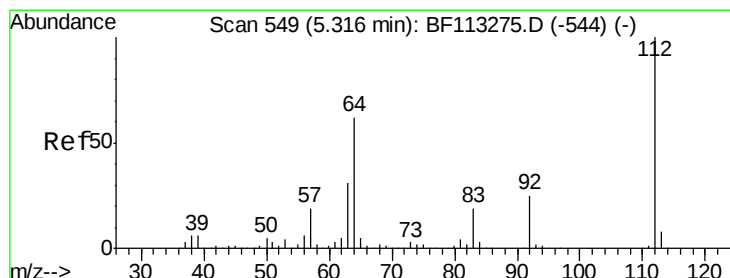
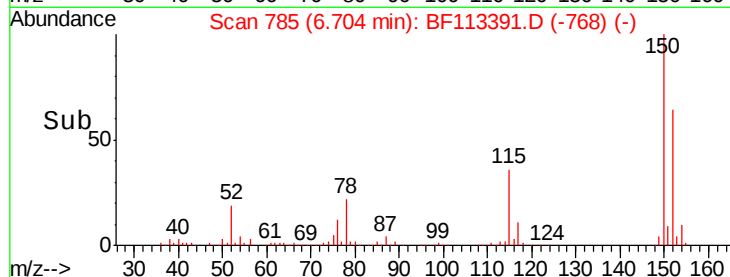
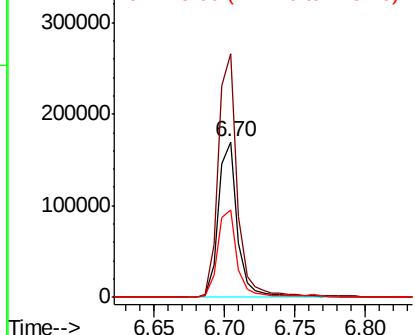
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.00 min
Lab File: BF113391.D
Acq: 28 Mar 2019 23:24

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:152 Resp: 161025
Ion Ratio Lower Upper
152 100
150 156.1 124.7 187.1
115 55.7 46.0 69.0



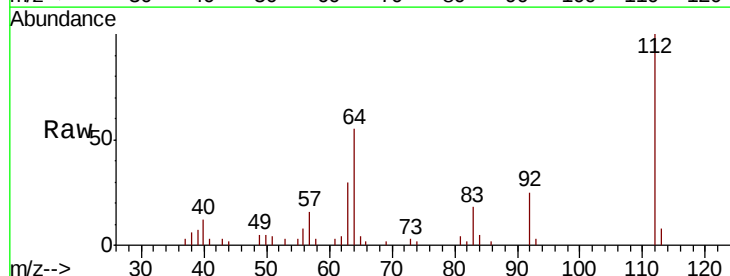
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



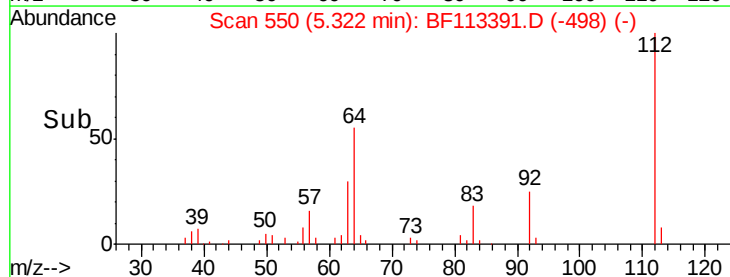
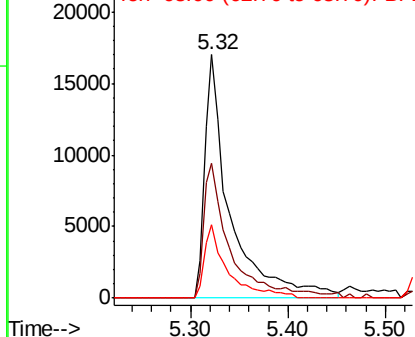
#5

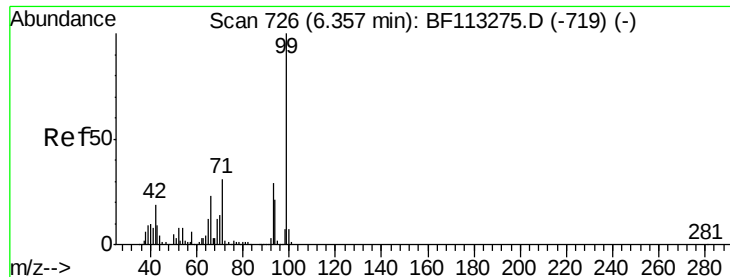
2-Fluorophenol
Concen: 3.102 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF113391.D
Acq: 28 Mar 2019 23:24

Tgt Ion:112 Resp: 30549
Ion Ratio Lower Upper
112 100
64 55.3 49.2 73.8
63 30.2 24.9 37.3



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: 2.327 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113391.D

Acq: 28 Mar 2019 23:24

Instrument :

BNA_F

ClientSampleId :

MW-11

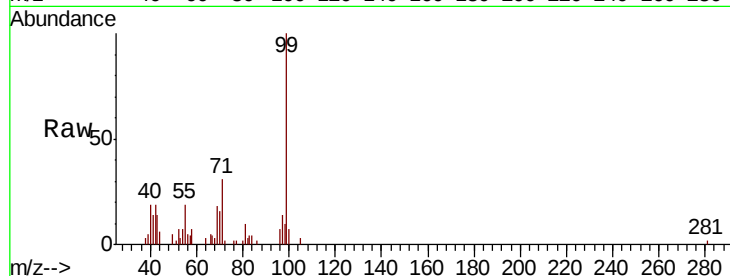
Tgt Ion: 99 Resp: 28988

Ion Ratio Lower Upper

99 100

42 19.5 14.8 22.2

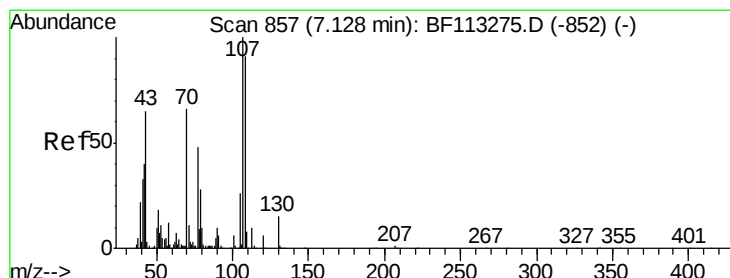
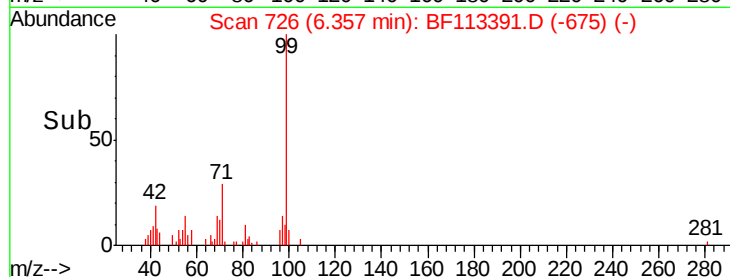
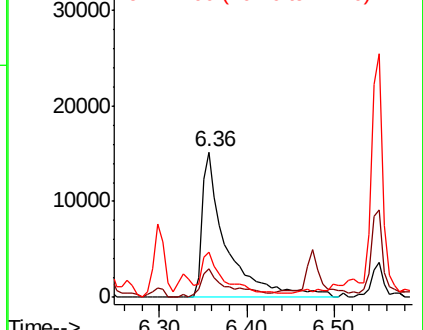
71 31.4 24.9 37.3



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



#20

3+4-Methylphenols

Concen: Below Cal

RT: 6.99 min Scan# 833

Delta R.T. -0.14 min

Lab File: BF113391.D

Acq: 28 Mar 2019 23:24

Tgt Ion: 107 Resp: 379

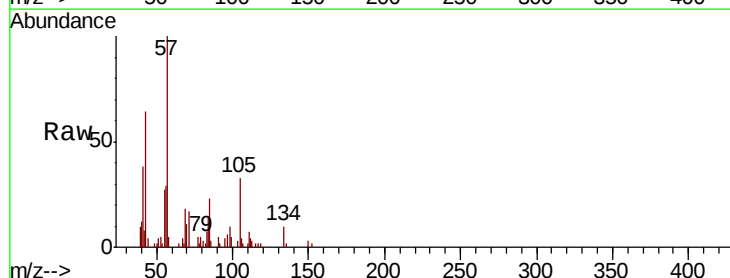
Ion Ratio Lower Upper

107 100

108 0.0 71.4 111.4#

77 280.9 33.5 73.5#

79 260.4 8.3 48.3#

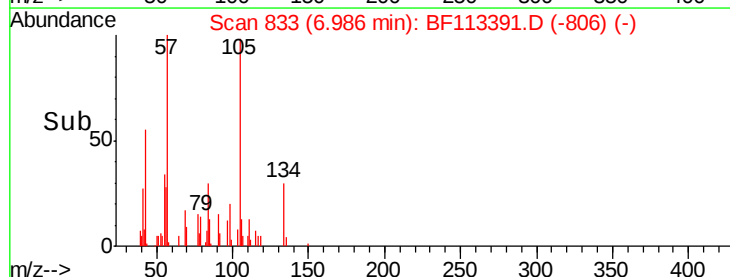
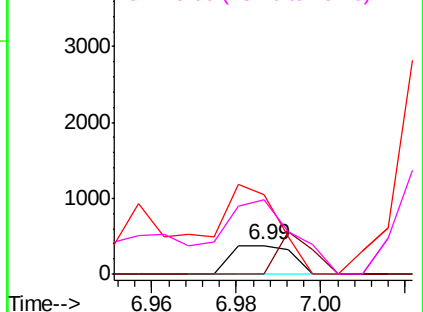


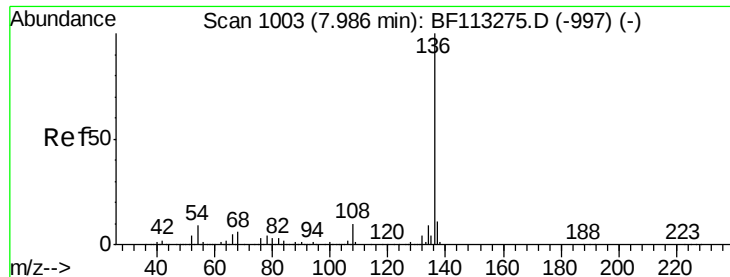
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

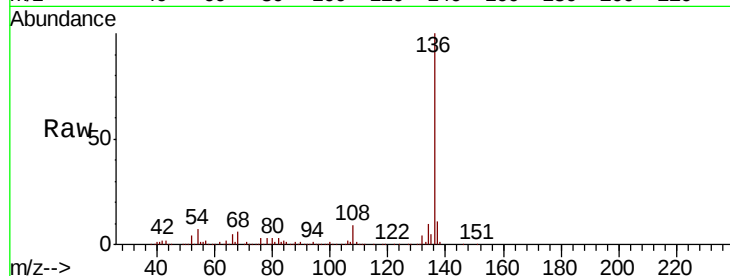




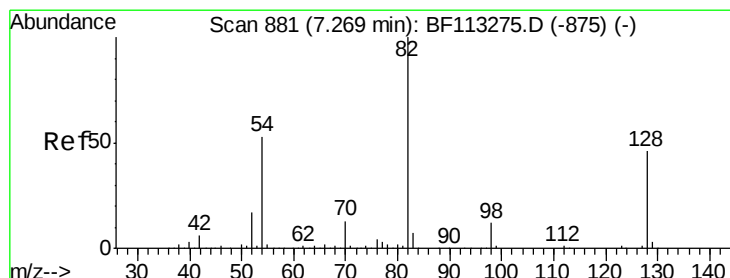
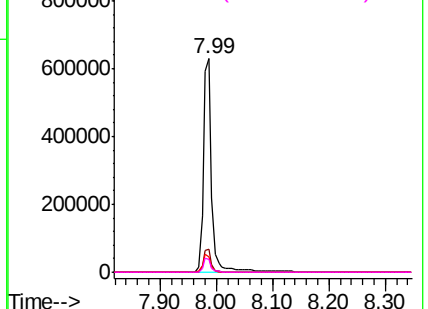
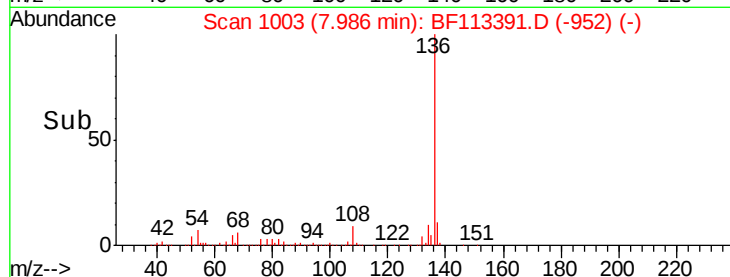
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF113391.D
Acq: 28 Mar 2019 23:24

Instrument :
BNA_F
ClientSampleId :
MW-11

Tgt Ion:	136	Resp:	654184
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.5	7.0	10.6
68	5.8	4.8	7.2

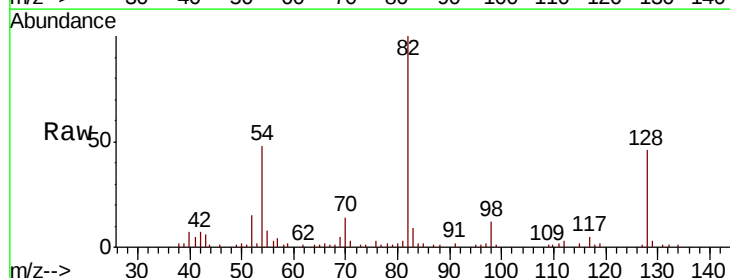


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

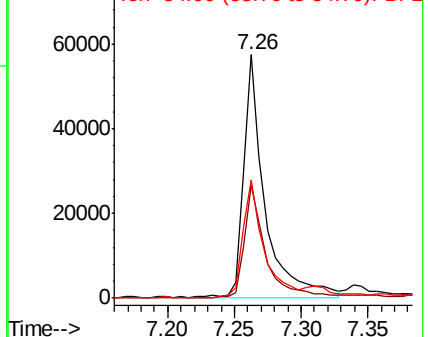
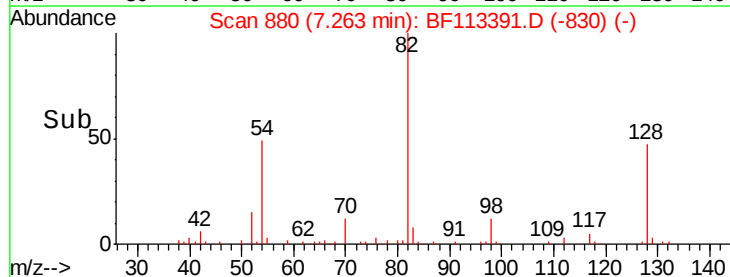


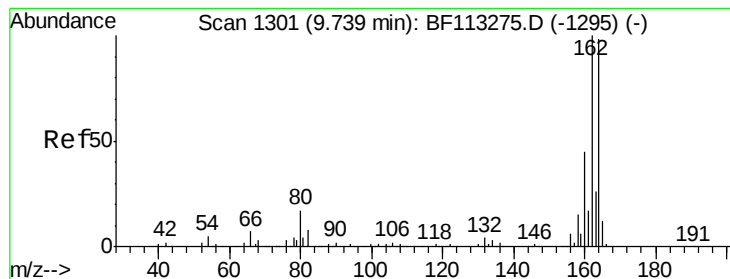
#23
Nitrobenzene-d5
Concen: 5.819 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF113391.D
Acq: 28 Mar 2019 23:24

Tgt Ion:	82	Resp:	64133
Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.5	54.7
54	48.5	42.2	63.2



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: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF113391.D

Acq: 28 Mar 2019 23:24

Instrument :

BNA_F

ClientSampleId :

MW-11

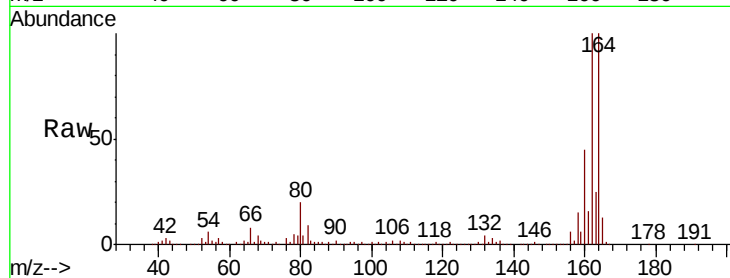
Tgt Ion:164 Resp: 308690

Ion Ratio Lower Upper

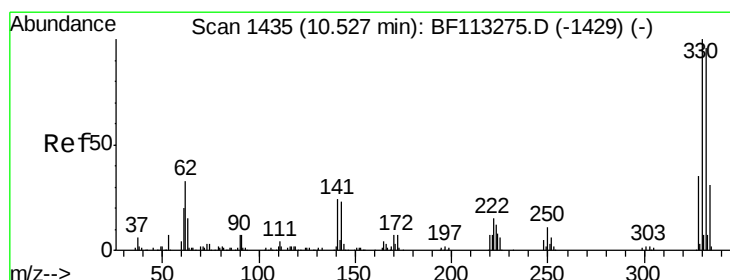
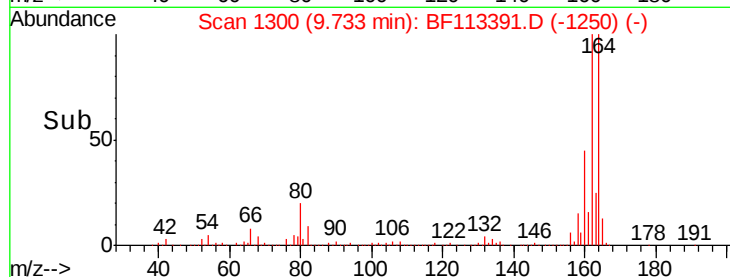
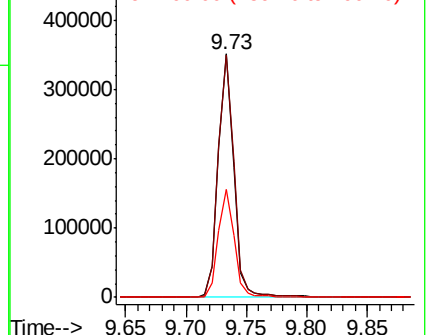
164 100

162 99.7 81.8 122.6

160 44.6 36.4 54.6



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: 7.766 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113391.D

Acq: 28 Mar 2019 23:24

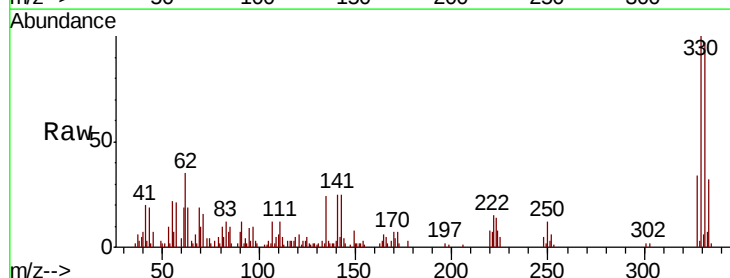
Tgt Ion:330 Resp: 29611

Ion Ratio Lower Upper

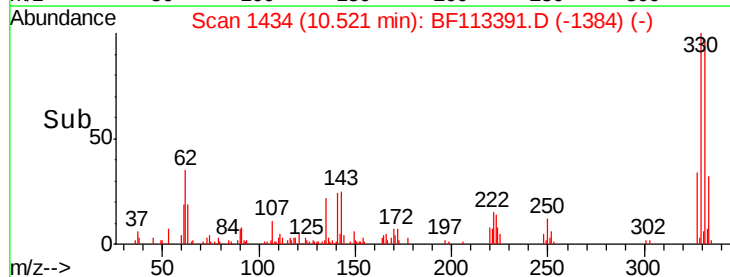
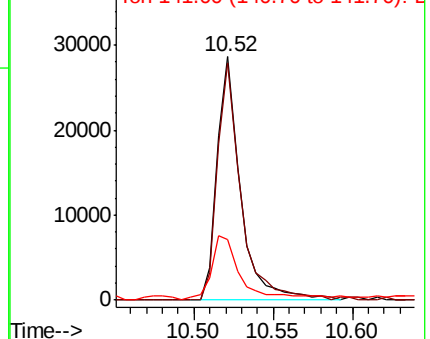
330 100

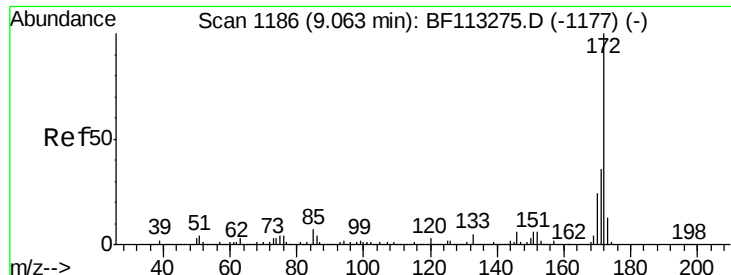
332 97.3 77.8 116.6

141 34.7 22.7 34.1#



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

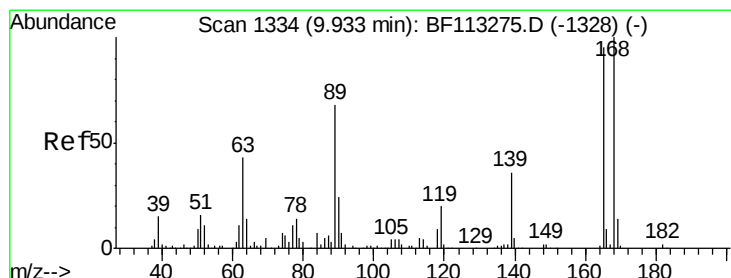
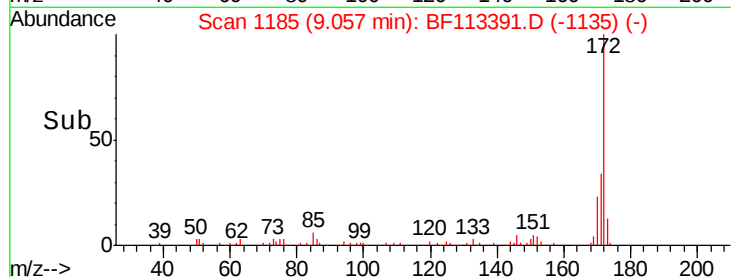
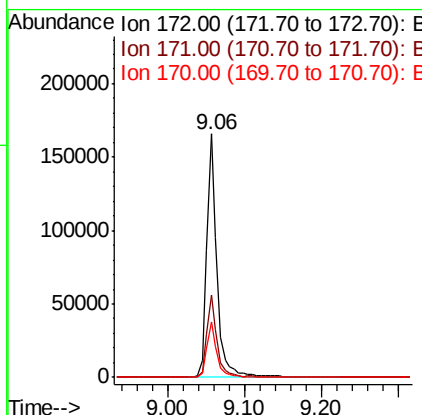
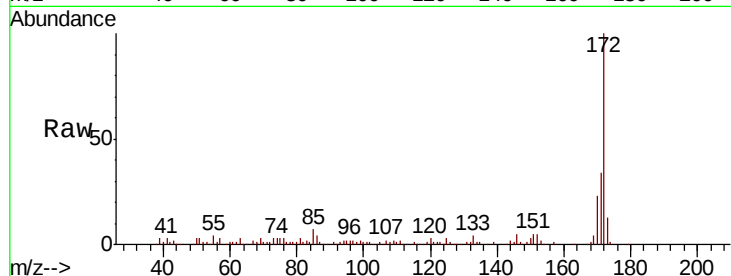




#45
2-Fluorobiphenyl
Concen: -12.426 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF113391.D
Acq: 28 Mar 2019 23:24

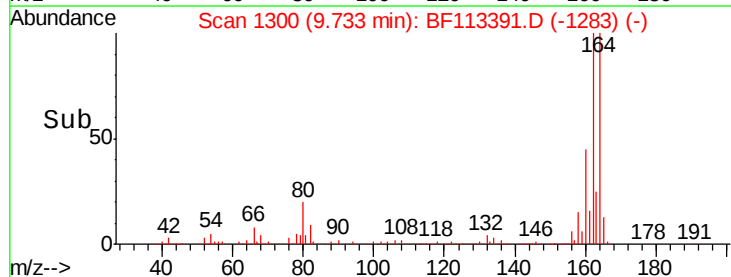
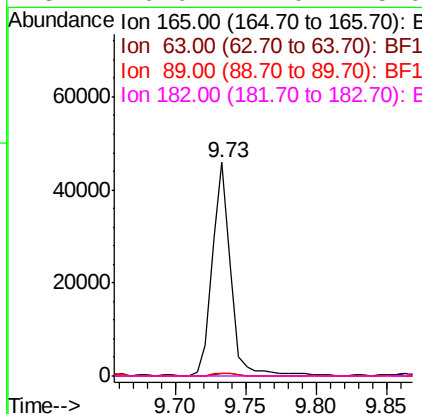
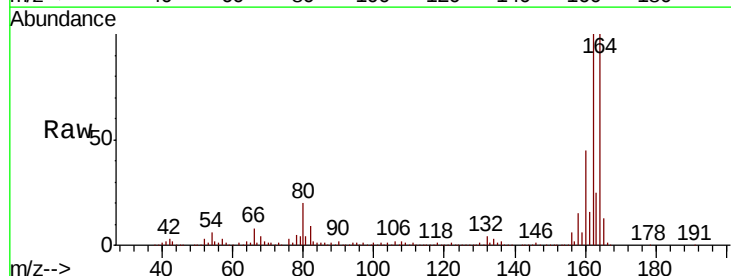
Instrument :
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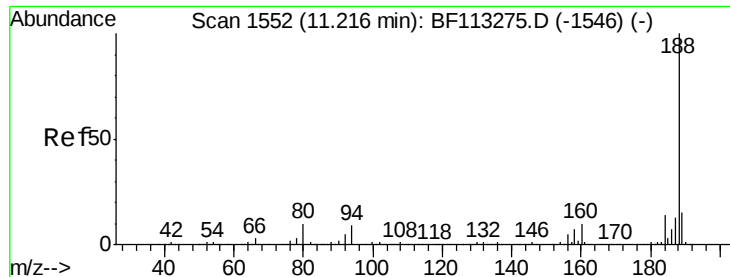
Tgt Ion:172 Resp: 153415
Ion Ratio Lower Upper
172 100
171 33.7 29.0 43.6
170 22.9 19.5 29.3



#57
2,4-Dinitrotoluene
Concen: 6.330 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.20 min
Lab File: BF113391.D
Acq: 28 Mar 2019 23:24

Tgt Ion:165 Resp: 41542
Ion Ratio Lower Upper
165 100
63 1.4 37.5 56.3#
89 1.2 57.4 86.2#
182 0.0 2.0 3.0#

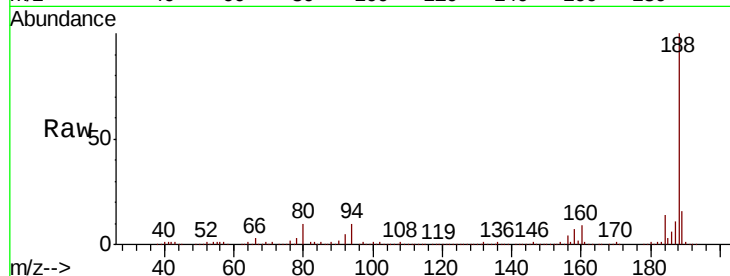




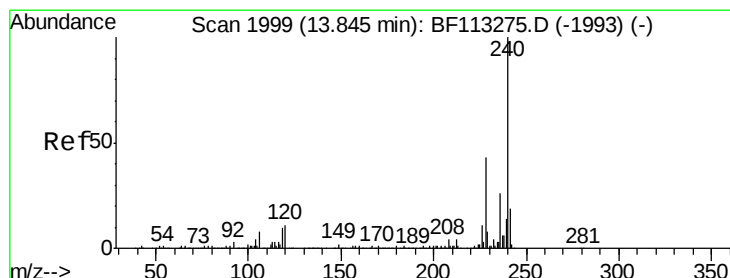
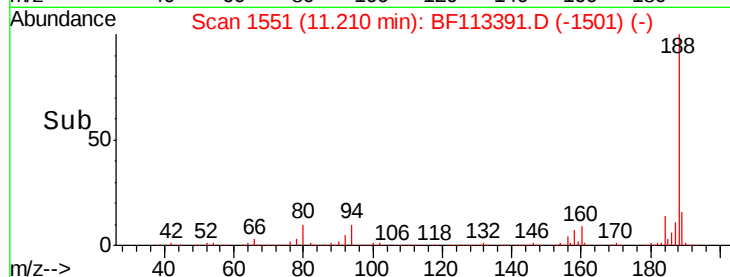
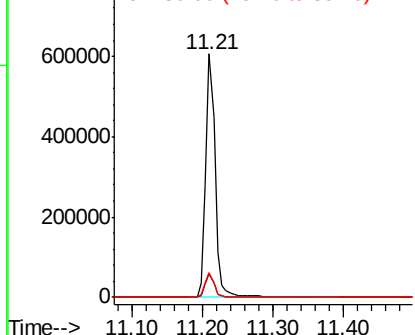
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF113391.D
Acq: 28 Mar 2019 23:24

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:188 Resp: 560046
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.6
80 10.1 7.7 11.5

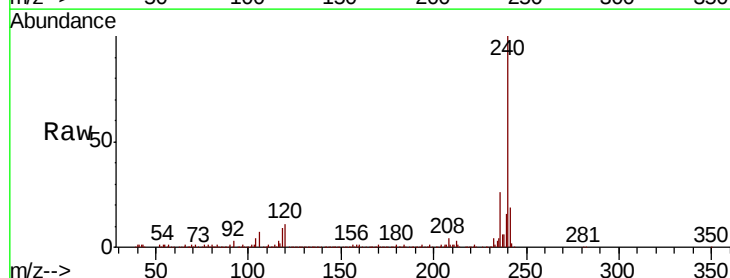


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

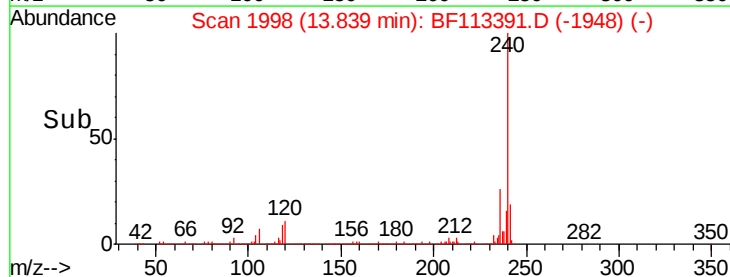
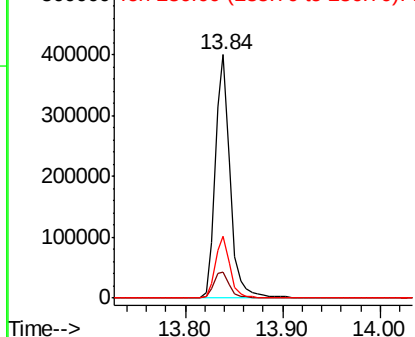


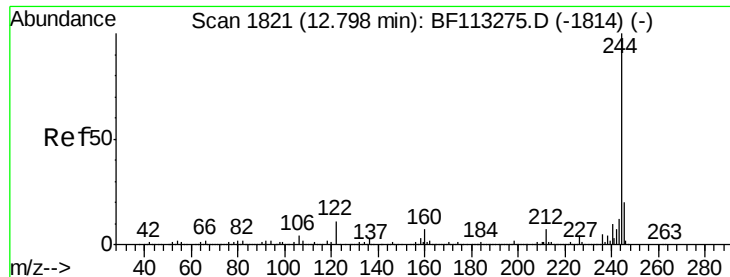
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF113391.D
Acq: 28 Mar 2019 23:24

Tgt Ion:240 Resp: 419673
Ion Ratio Lower Upper
240 100
120 10.9 8.8 13.2
236 25.6 20.9 31.3



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: 6.723 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF113391.D

Acq: 28 Mar 2019 23:24

Instrument :

BNA_F

ClientSampleId :

MW-11

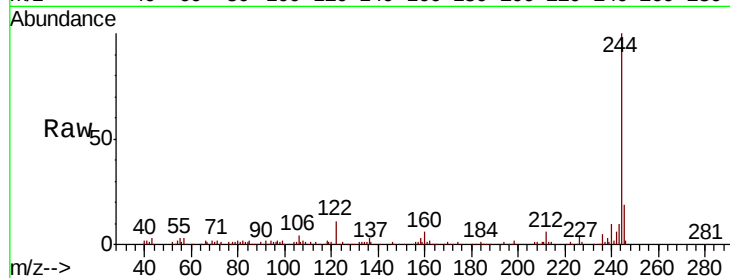
Tgt Ion:244 Resp: 127997

Ion Ratio Lower Upper

244 100

212 6.4 5.5 8.3

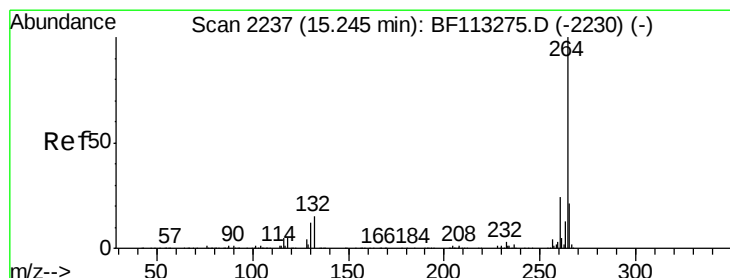
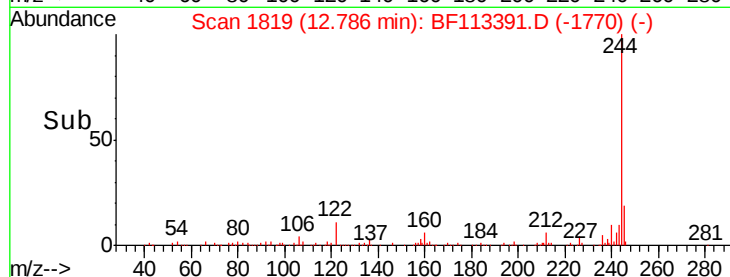
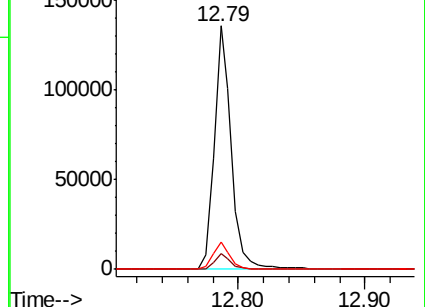
122 11.4 8.6 13.0



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: 15.24 min Scan# 2237

Delta R.T. -0.00 min

Lab File: BF113391.D

Acq: 28 Mar 2019 23:24

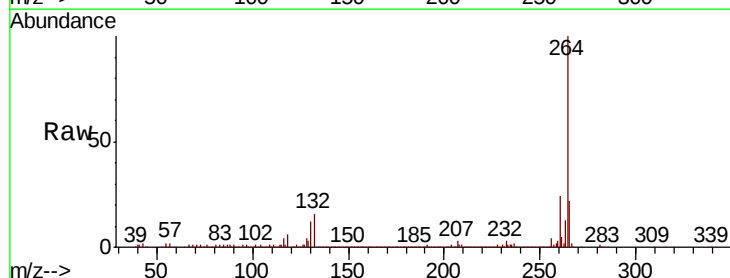
Tgt Ion:264 Resp: 435577

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.7 17.1 25.7



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

