

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020818\
 Data File : BM014195.D
 Acq On : 08 Feb 2018 16:23
 Operator : SJ/JU
 Sample : J1455-7
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 09 04:07:30 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 17:16:49 2018
 Response via : Initial Calibration

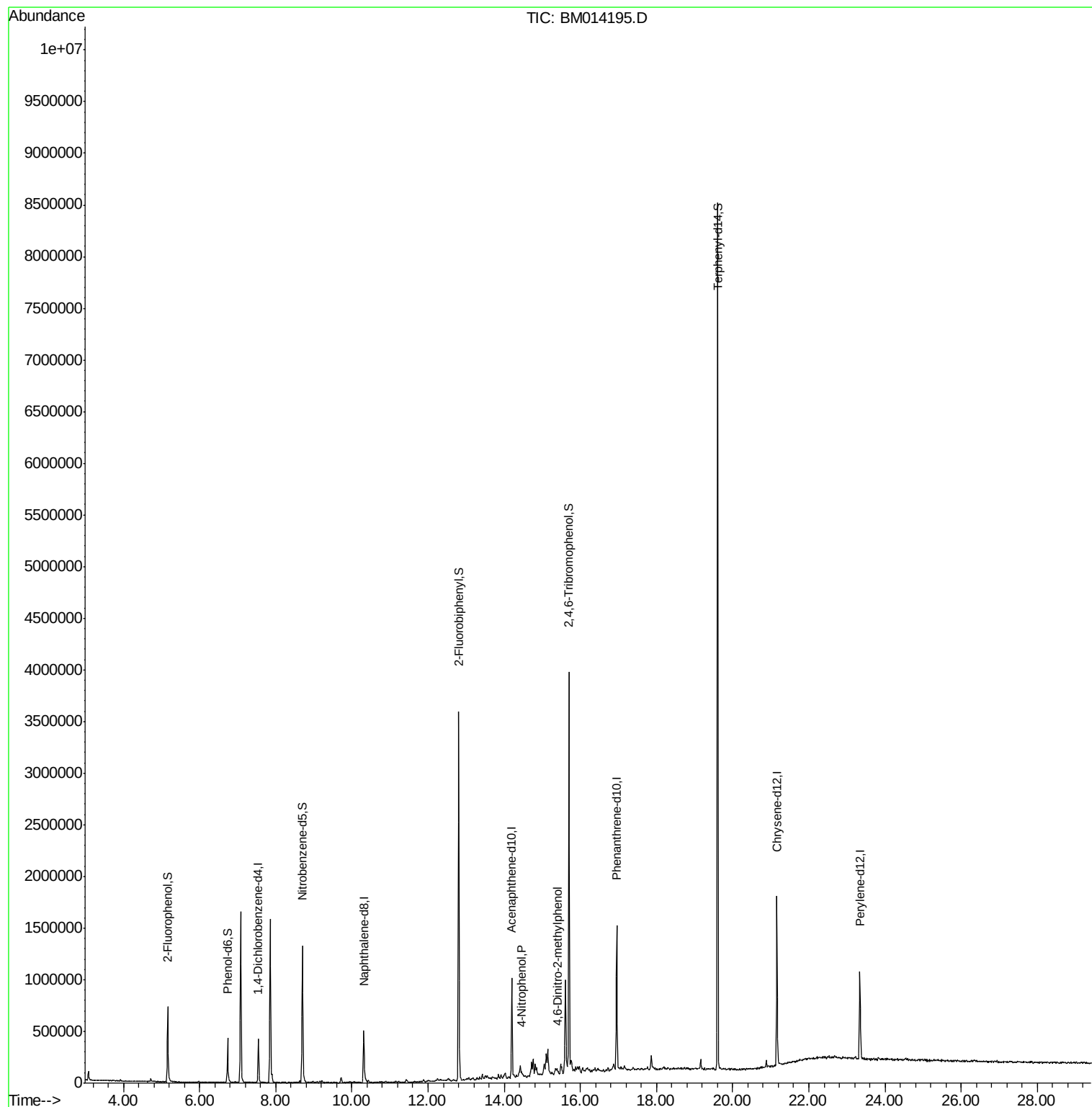
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	89337	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	374247	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	280889	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	766661	20.00	ng	0.00
75) Chrysene-d12	21.16	240	756656	20.00	ng	0.00
86) Perylene-d12	23.34	264	584495	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	253252	49.41	ng	0.00
7) Phenol-d6	6.73	99	202325	27.87	ng	0.00
23) Nitrobenzene-d5	8.70	82	696726	83.16	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	517350	129.80	ng	0.00
44) 2-Fluorobiphenyl	12.81	172	1600044	71.11	ng	0.00
78) Terphenyl-d14	19.60	244	3537921	91.36	ng	0.00
Target Compounds						
55) 4-Nitrophenol	14.46	139	650	5.93	ng	# 6
64) 4,6-Dinitro-2-methylphenol	15.40	198	170	5.60	ng	# 1

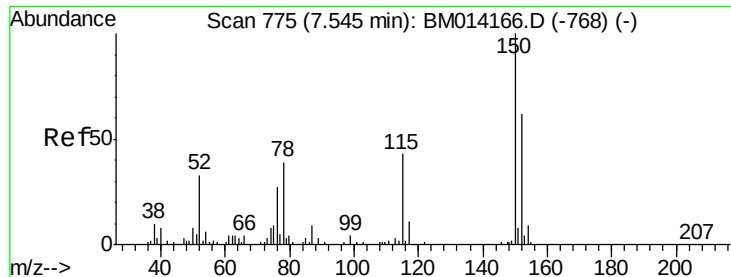
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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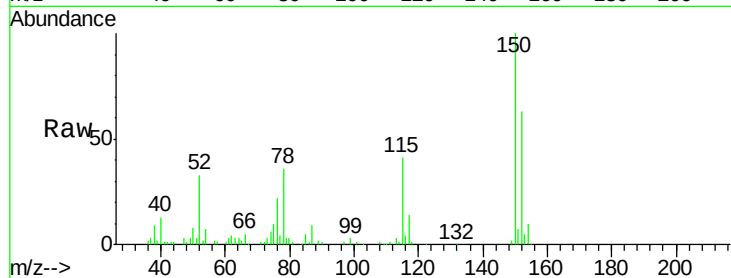


#1

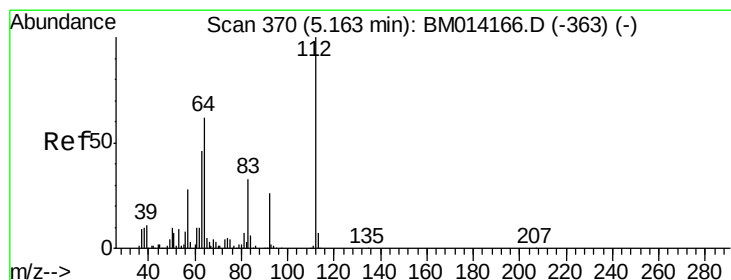
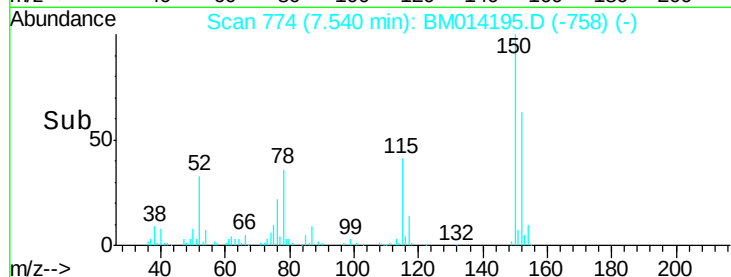
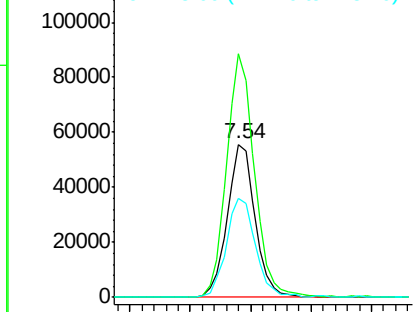
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014195.D
Acq: 08 Feb 2018 16:23

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	119.5	179.3
115	64.8	43.0	64.4



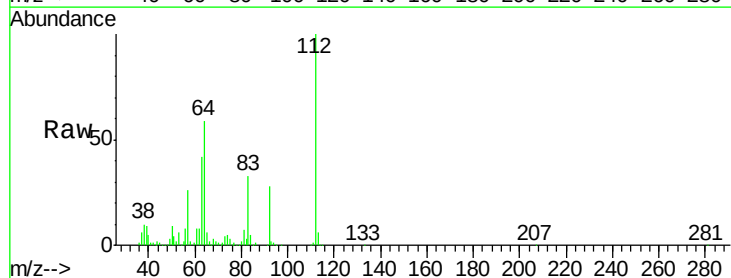
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



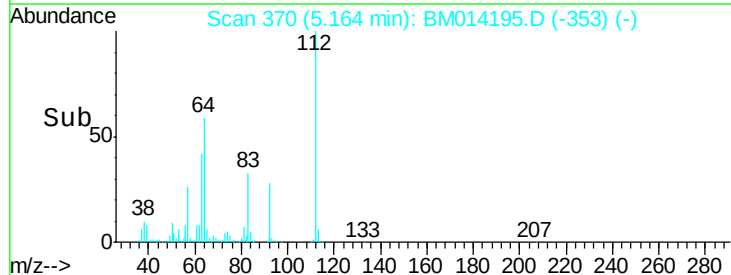
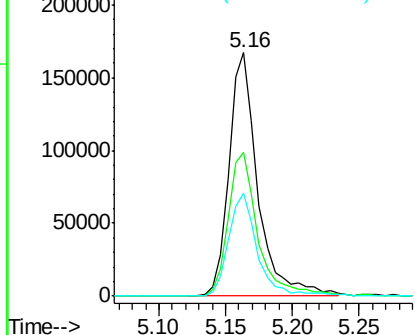
#5

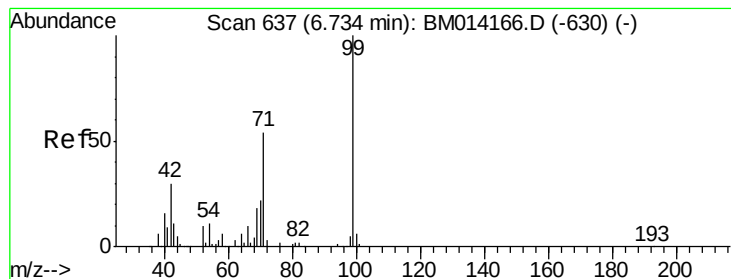
2-Fluorophenol
Concen: 49.41 ng
RT: 5.16 min Scan# 370
Delta R.T. 0.00 min
Lab File: BM014195.D
Acq: 08 Feb 2018 16:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	38.6	57.8
63	42.1	19.3	28.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 27.87 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014195.D

Acq: 08 Feb 2018 16:23

Instrument :

BNA_M

ClientSampleId :

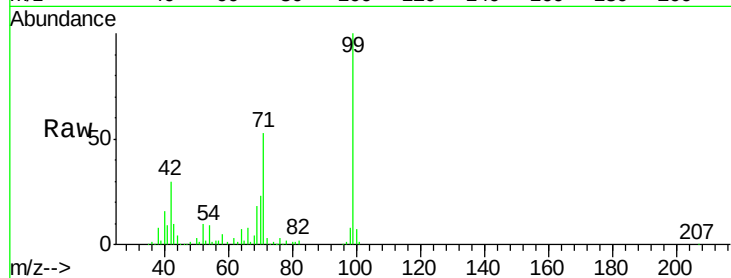
Tot Ion: 99 Resp: 202325

Ion Ratio Lower Upper

99 100

42 30.0 11.0 16.4#

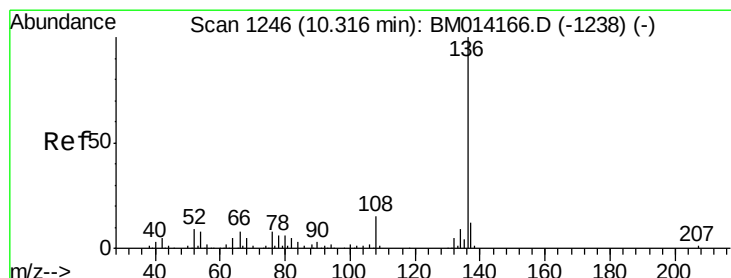
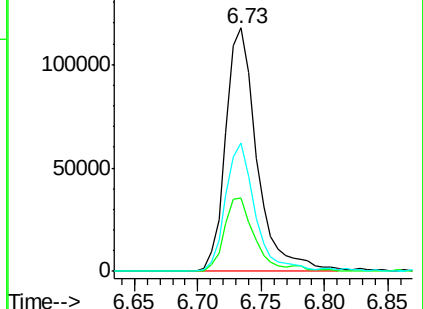
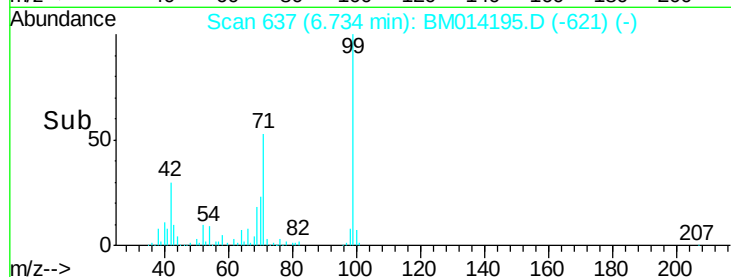
71 52.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM014166.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM014166.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM014166.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.31 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BM014195.D

Acq: 08 Feb 2018 16:23

Tgt Ion: 136 Resp: 374247

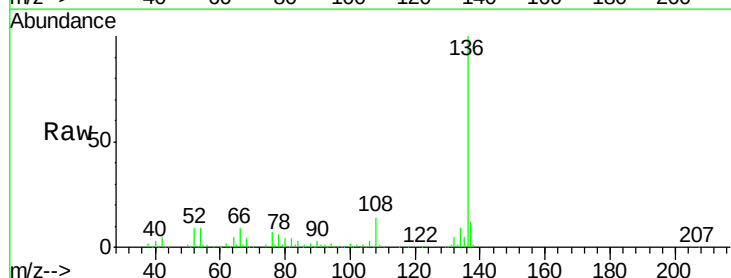
Ion Ratio Lower Upper

136 100

137 12.2 8.7 13.1

54 9.1 4.6 6.8#

68 4.0 3.7 5.5

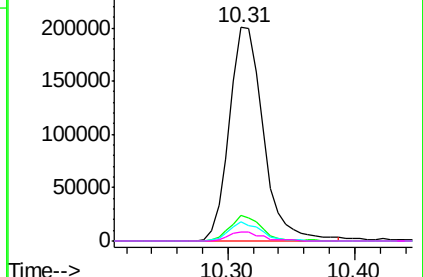
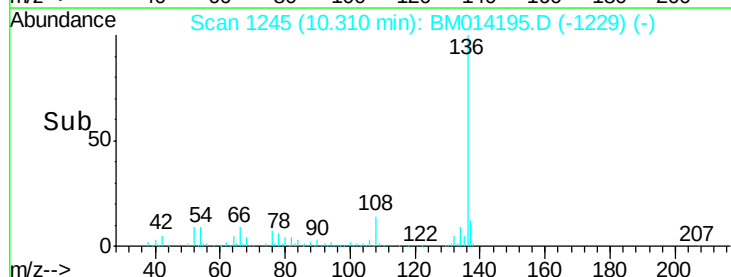


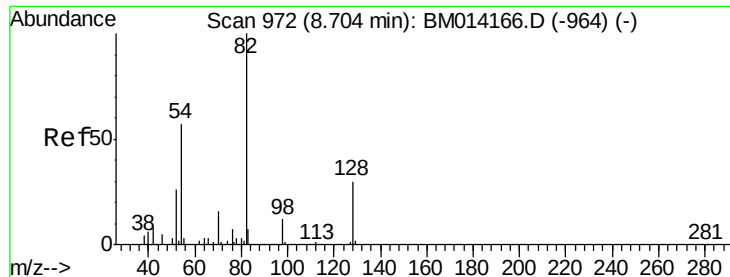
Abundance Ion 136.00 (135.70 to 136.70): BM014166.D (-1238) (-)

Ion 137.00 (136.70 to 137.70): BM014166.D (-1238) (-)

Ion 54.00 (53.70 to 54.70): BM014166.D (-1238) (-)

Ion 68.00 (67.70 to 68.70): BM014166.D (-1238) (-)

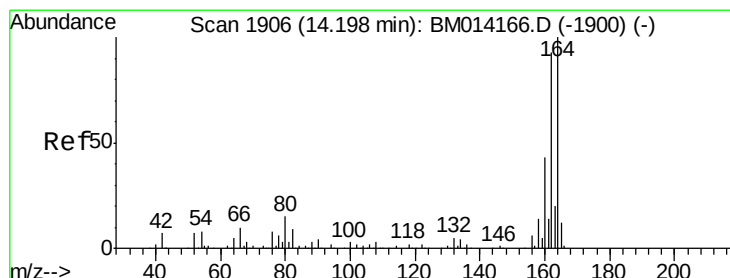
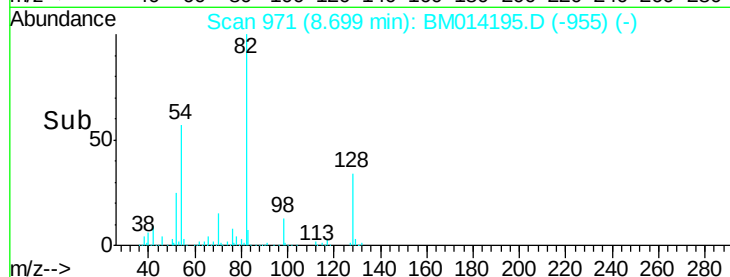
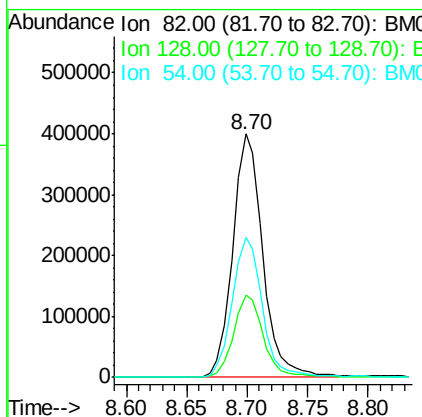
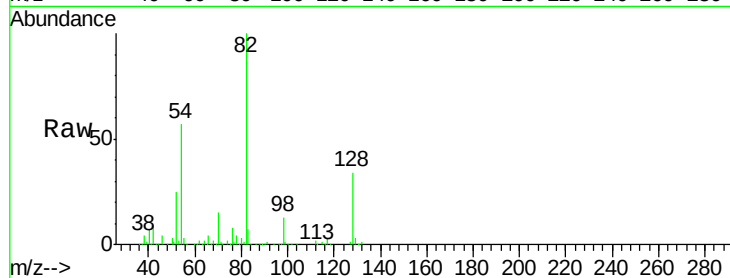




#23
 Nitrobenzene-d5
 Concen: 83.16 ng
 RT: 8.70 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BM014195.D
 Acq: 08 Feb 2018 16:23

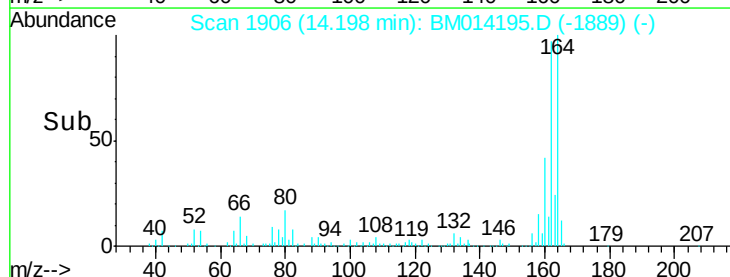
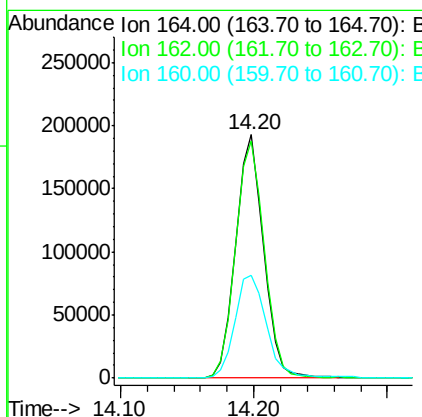
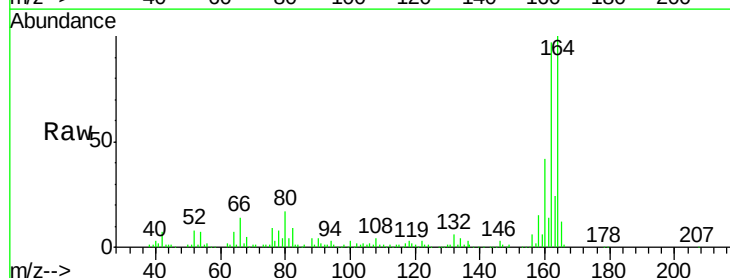
Instrument :
 BNA_M
 ClientSampled :

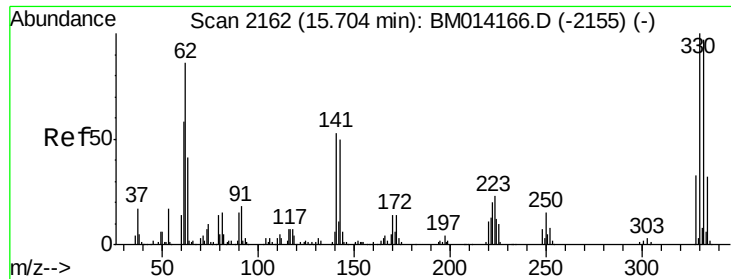
Tot Ion	82	Resp	696726
Ion	Ratio	Lower	Upper
82	100		
128	33.6	32.8	49.2
54	57.4	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.20 min Scan# 1906
 Delta R.T. 0.00 min
 Lab File: BM014195.D
 Acq: 08 Feb 2018 16:23

Tgt Ion	164	Resp	280889
Ion	Ratio	Lower	Upper
164	100		
162	97.3	82.4	123.6
160	42.0	35.8	53.6

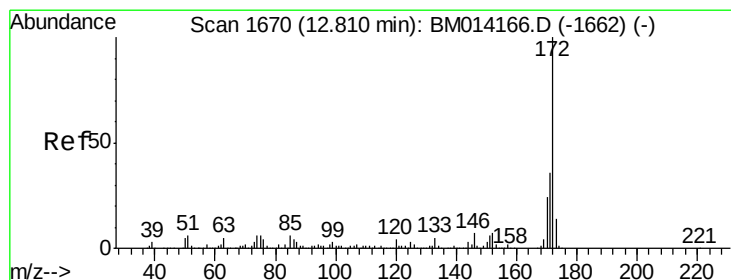
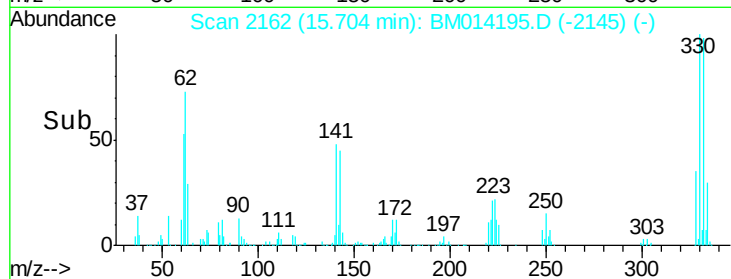
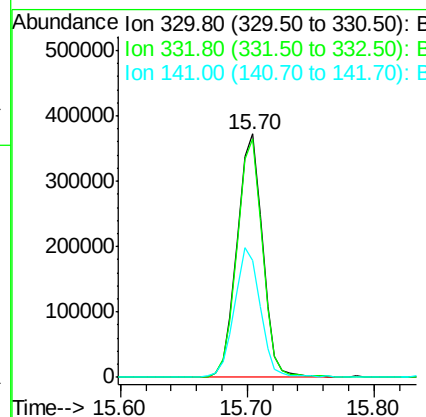
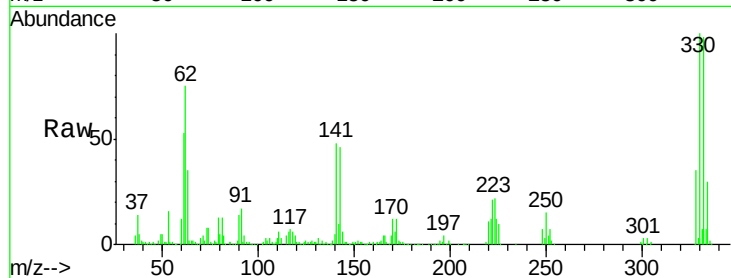




#41
 2,4,6-Tribromophenol
 Concen: 129.80 ng
 RT: 15.70 min Scan# 2162
 Delta R.T. 0.00 min
 Lab File: BM014195.D
 Acq: 08 Feb 2018 16:23

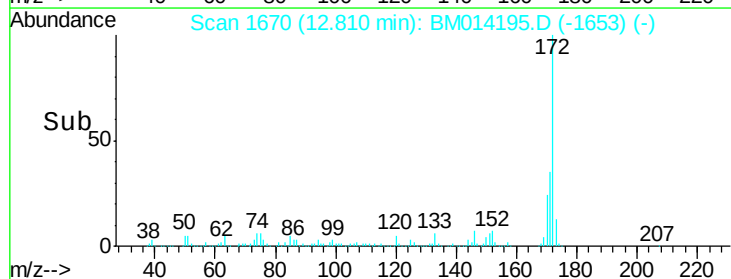
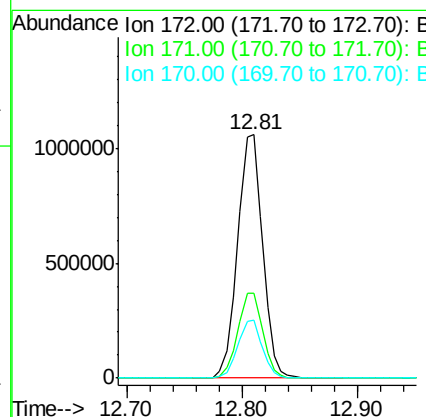
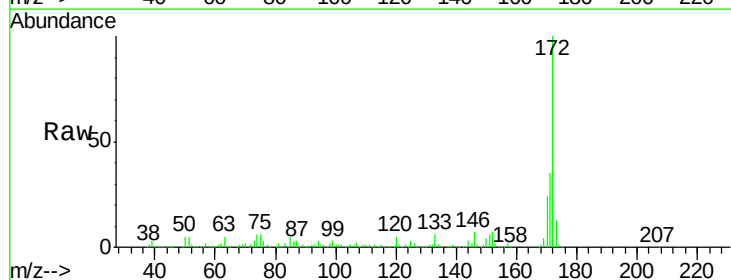
Instrument :
 BNA_M
 ClientSampled :

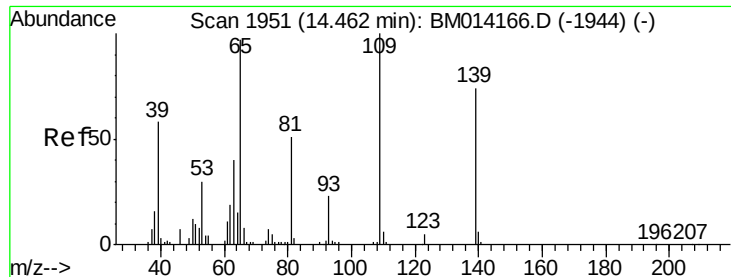
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	0.0	0.0#
141	53.7	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 71.11 ng
 RT: 12.81 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BM014195.D
 Acq: 08 Feb 2018 16:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	23.6	18.8	28.2

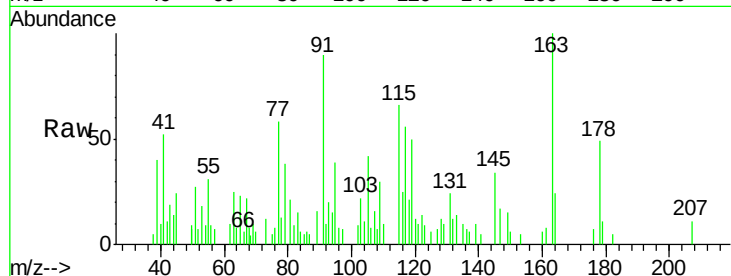




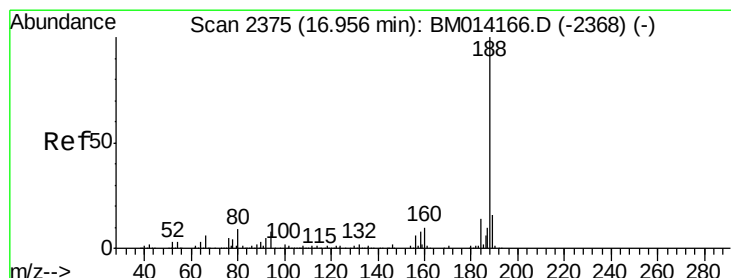
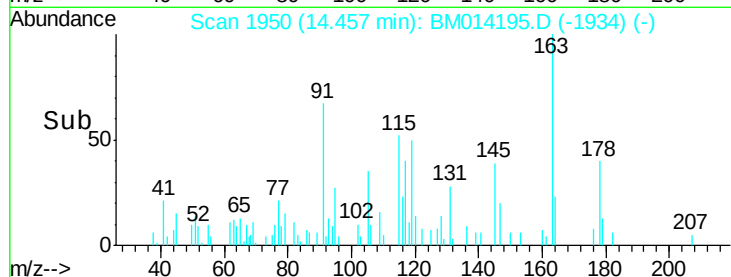
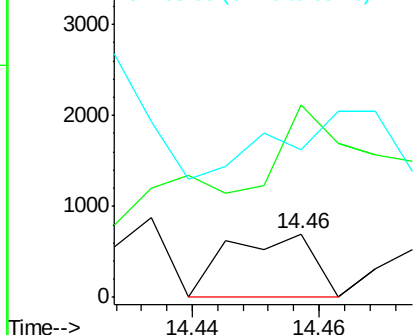
#55
4-Nitrophenol
Concen: 5.93 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BM014195.D
Acq: 08 Feb 2018 16:23

Instrument :
BNA_M
ClientSampled :

Tot Ion:139 Resp: 650
Ion Ratio Lower Upper
139 100
109 303.6 130.0 170.0#
65 234.1 130.0 170.0#

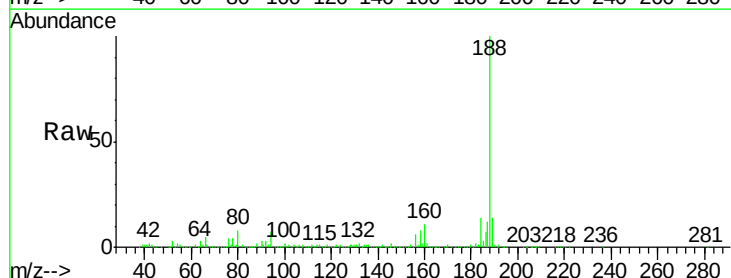


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM0

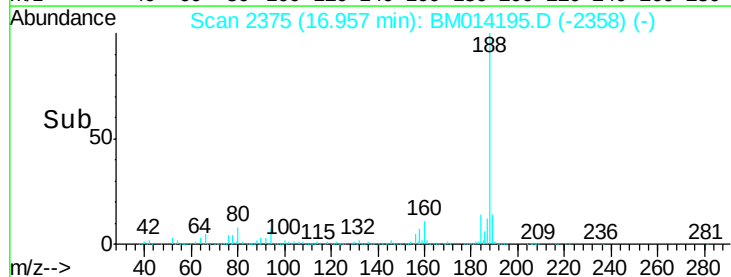
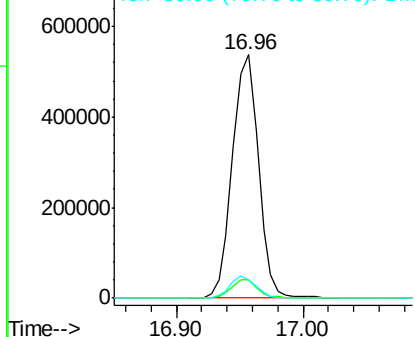


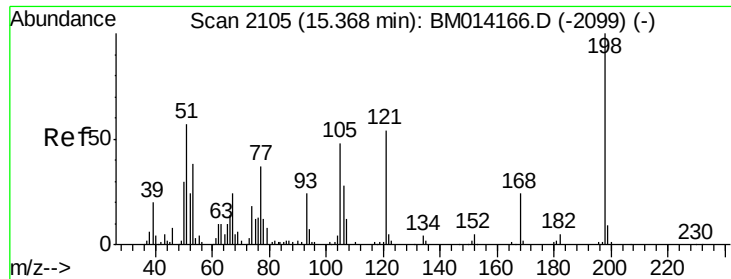
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2375
Delta R.T. 0.00 min
Lab File: BM014195.D
Acq: 08 Feb 2018 16:23

Tgt Ion:188 Resp: 766661
Ion Ratio Lower Upper
188 100
94 7.4 8.7 13.1#
80 7.7 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

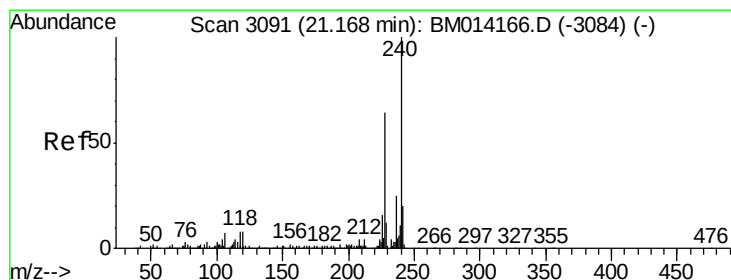
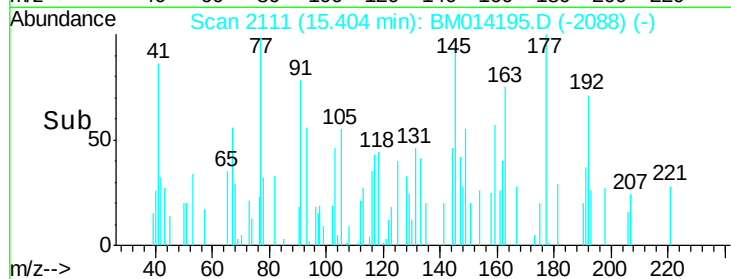
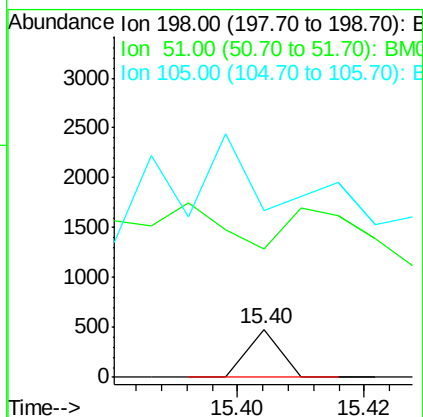
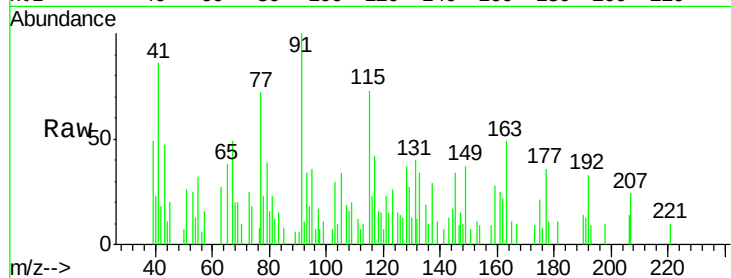




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.60 ng
 RT: 15.40 min Scan# 2111
 Delta R.T. 0.04 min
 Lab File: BM014195.D
 Acq: 08 Feb 2018 16:23

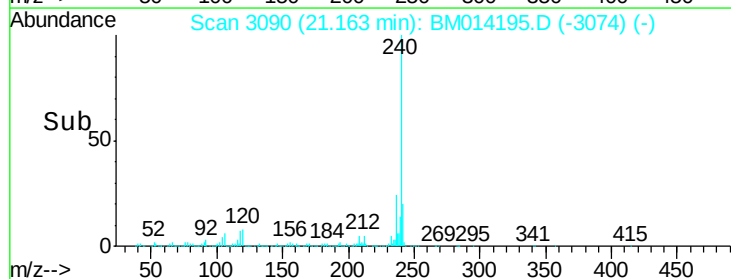
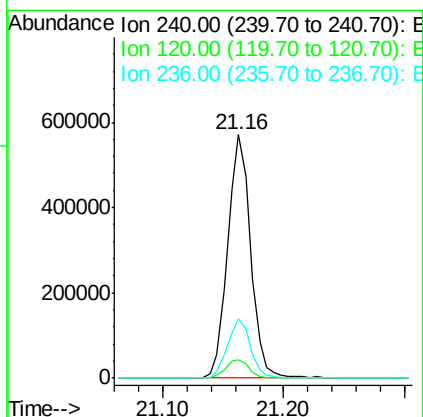
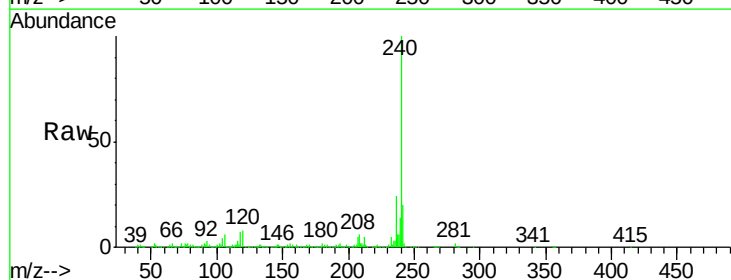
Instrument :
 BNA_M
 ClientSampled :

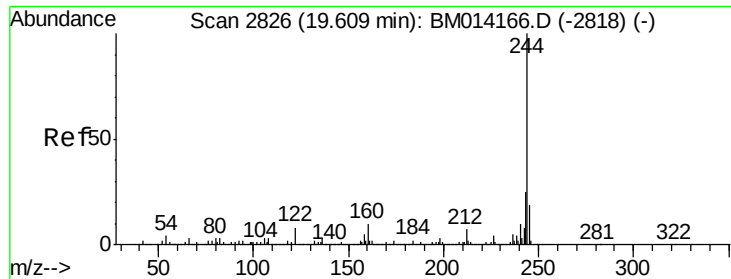
Tot Ion:198 Resp: 170
 Ion Ratio Lower Upper
 198 100
 51 267.8 28.8 68.8#
 105 346.5 30.5 70.5#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.16 min Scan# 3090
 Delta R.T. -0.01 min
 Lab File: BM014195.D
 Acq: 08 Feb 2018 16:23

Tgt Ion:240 Resp: 756656
 Ion Ratio Lower Upper
 240 100
 120 7.8 8.2 12.2#
 236 24.2 20.0 30.0





#78

Terphenyl-d14

Concen: 91.36 ng

RT: 19.60 min Scan# 2825

Delta R.T. 0.00 min

Lab File: BM014195.D

Acq: 08 Feb 2018 16:23

Instrument :

BNA_M

ClientSampleId :

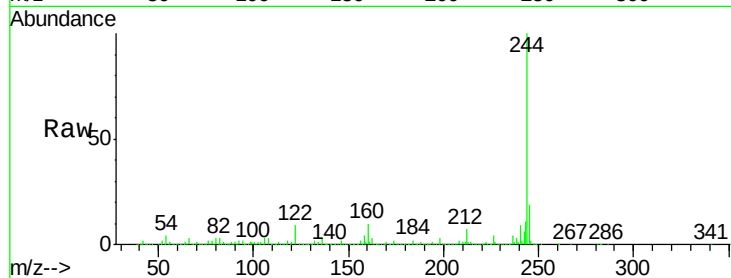
Tot Ion:244 Resp: 3537921

Ion Ratio Lower Upper

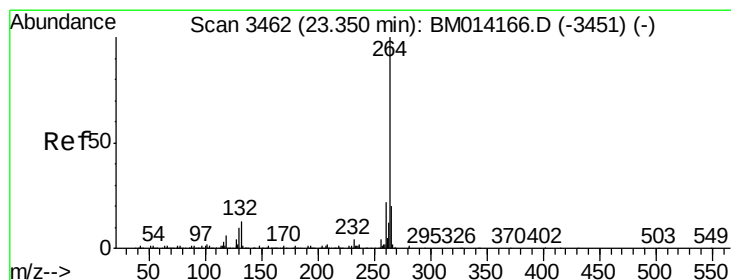
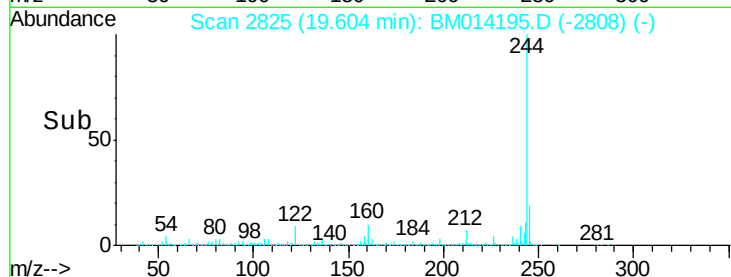
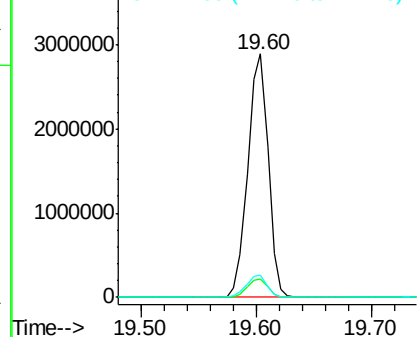
244 100

212 7.4 4.9 7.3#

122 9.3 6.2 9.4



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.34 min Scan# 3460

Delta R.T. -0.01 min

Lab File: BM014195.D

Acq: 08 Feb 2018 16:23

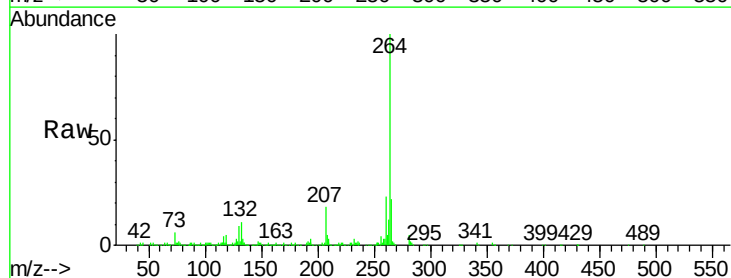
Tgt Ion:264 Resp: 584495

Ion Ratio Lower Upper

264 100

260 22.6 18.6 27.8

265 22.1 17.3 25.9



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

