

Data Path : S:\HPCHEM1\BNA_M\DATA\BM022916\
 Data File : BM004498.D
 Acq On : 01 Mar 2016 09:17
 Operator : SJ/UM
 Sample : H1519-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 KY038PS038-160217

Quant Time: Mar 01 13:51:21 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM022916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 00:52:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	20533	5.00	ng	0.00
7) Naphthalene-d8	10.39	136	78394	5.00	ng	0.00
13) Acenaphthene-d10	14.26	164	42329	5.00	ng	0.00
19) Phenanthrene-d10	17.01	188	90520	5.00	ng	0.00
26) Chrysene-d12	21.25	240	82667	5.00	ng	0.01
35) Perylene-d12	23.45	264	81247	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.22	112	8431	1.77	ng	0.00
5) Phenol-d6	6.83	99	5420	1.01	ng	0.02
8) Nitrobenzene-d5	8.78	82	13668	3.43	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	11575	7.12	ng	0.00
15) 2-Fluorobiphenyl	12.89	172	53104	4.10	ng	0.00
29) Terphenyl-d14	19.67	244	59207	5.56	ng	0.00

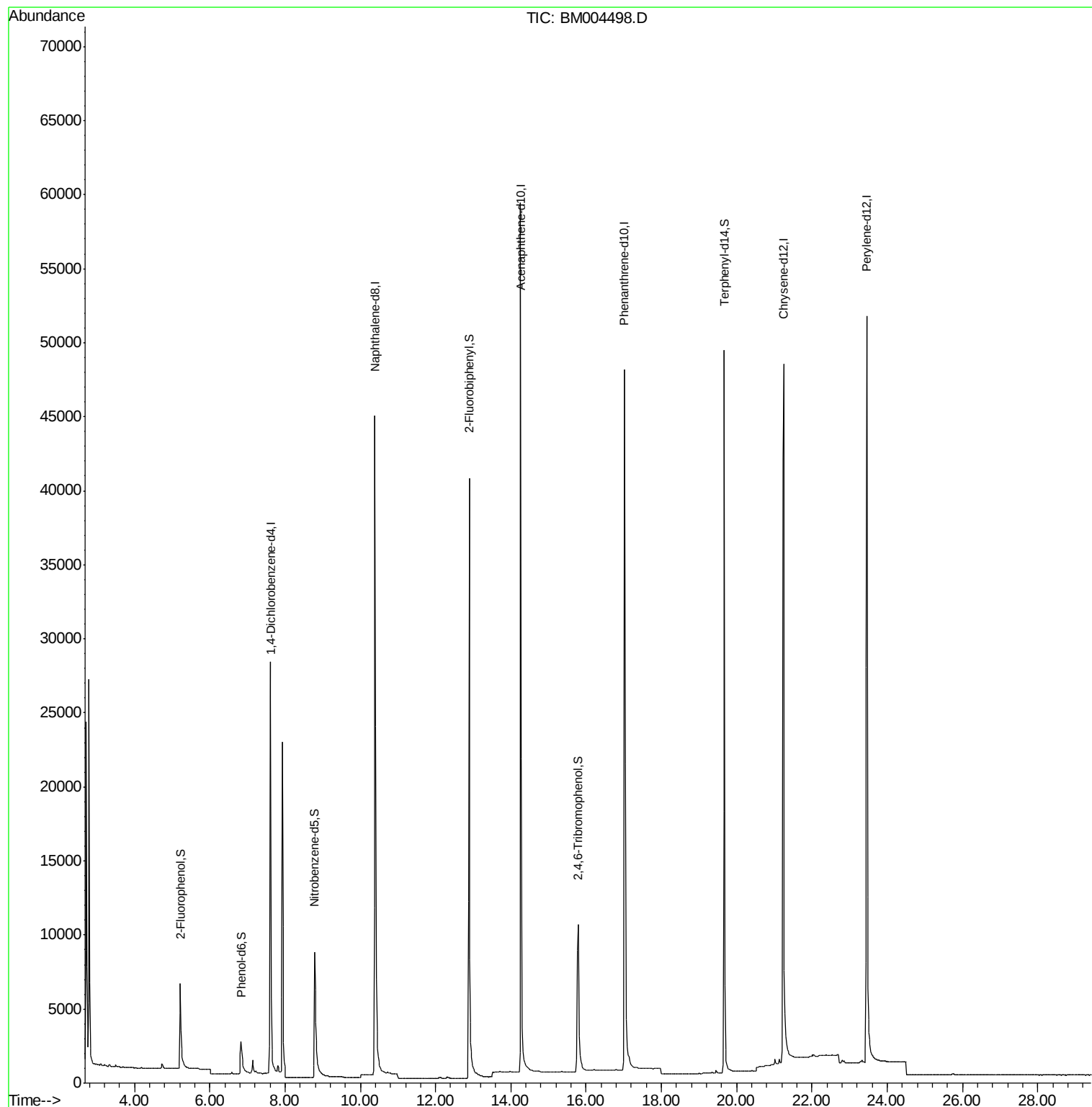
Target Compounds	Qvalue
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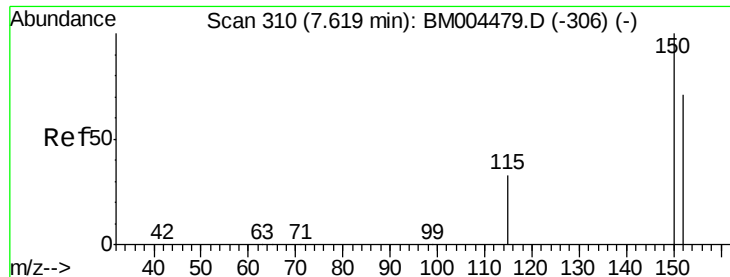
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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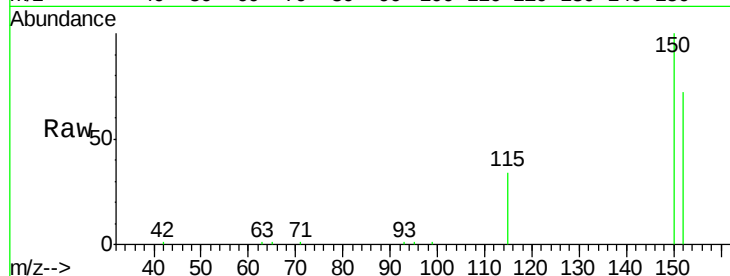


#1

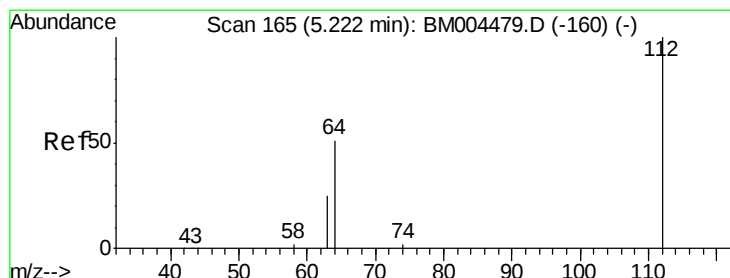
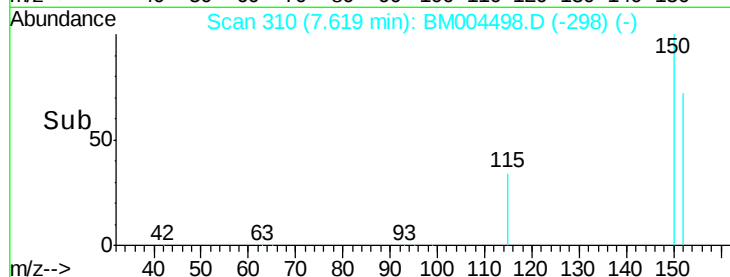
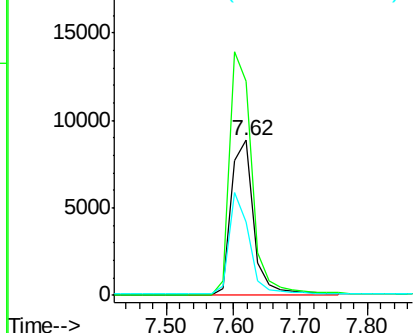
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.62 min Scan# 310
Delta R.T. -0.00 min
Lab File: BM004498.D
Acq: 01 Mar 2016 09:17

Instrument :
BNA_M
ClientSampleId :
KY038PS038-160217

Tgt Ion:152 Resp: 20533
Ion Ratio Lower Upper
152 100
150 138.3 111.9 167.9
115 46.9 37.7 56.5



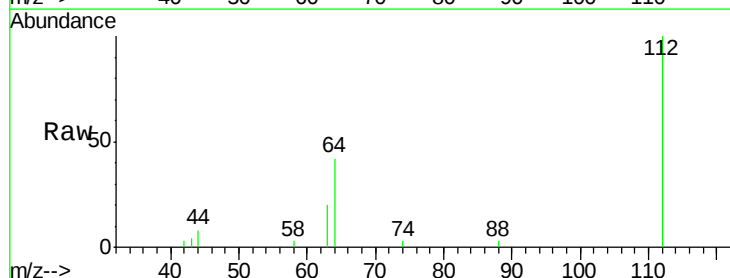
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



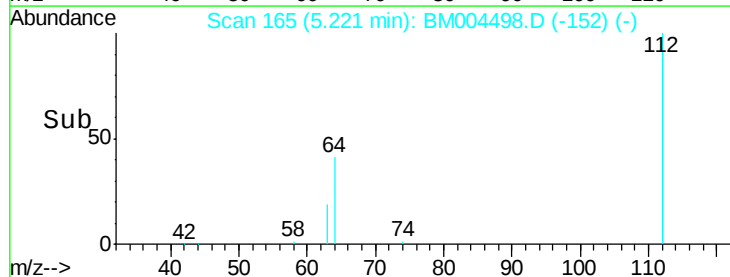
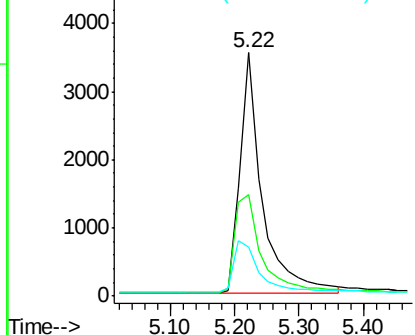
#4

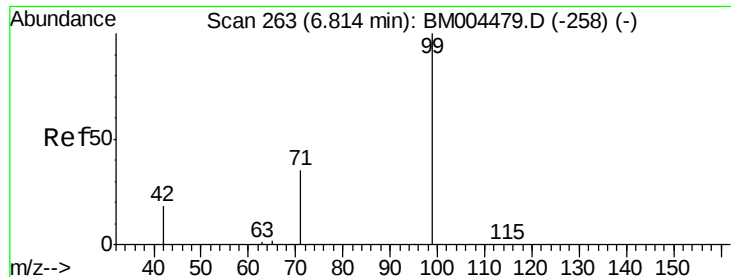
2-Fluorophenol
Concen: 1.77 ng
RT: 5.22 min Scan# 165
Delta R.T. -0.00 min
Lab File: BM004498.D
Acq: 01 Mar 2016 09:17

Tgt Ion:112 Resp: 8431
Ion Ratio Lower Upper
112 100
64 49.1 39.6 59.4
63 24.9 20.0 30.0



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





#5

Phenol-d6

Concen: 1.01 ng

RT: 6.83 min Scan# 264

Delta R.T. 0.02 min

Lab File: BM004498.D

Acq: 01 Mar 2016 09:17

Instrument :

BNA_M

ClientSampleId :

KY038PS038-160217

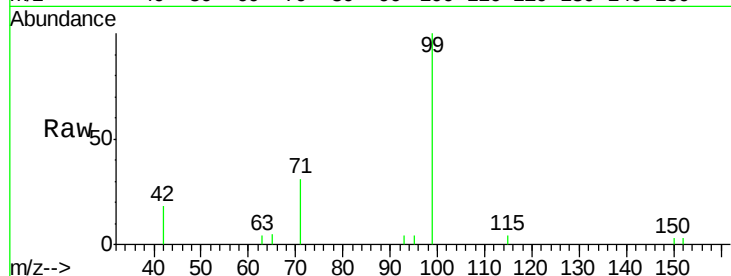
Tgt Ion: 99 Resp: 5420

Ion Ratio Lower Upper

99 100

42 15.3 12.2 18.2

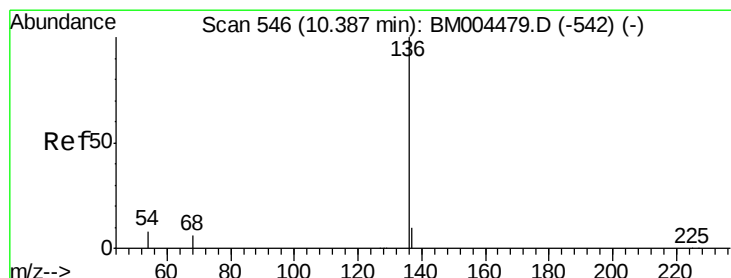
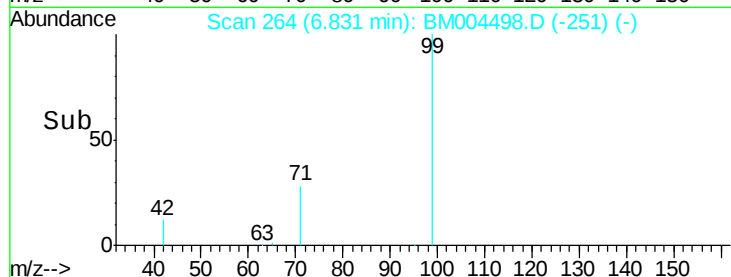
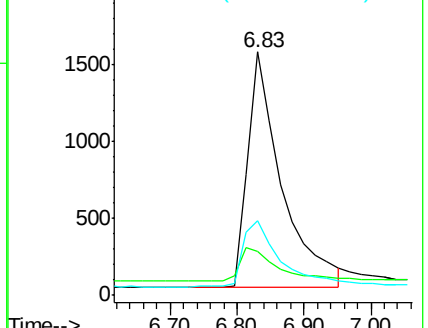
71 30.8 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM004479.D (-258) (-)

Ion 42.00 (41.70 to 42.70): BM004479.D (-258) (-)

Ion 71.00 (70.70 to 71.70): BM004479.D (-258) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 547

Delta R.T. 0.00 min

Lab File: BM004498.D

Acq: 01 Mar 2016 09:17

Tgt Ion: 136 Resp: 78394

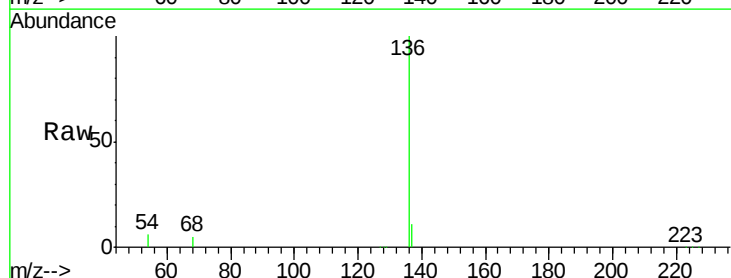
Ion Ratio Lower Upper

136 100

137 10.7 8.2 12.2

54 6.2 6.4 9.6#

68 5.0 5.0 7.4

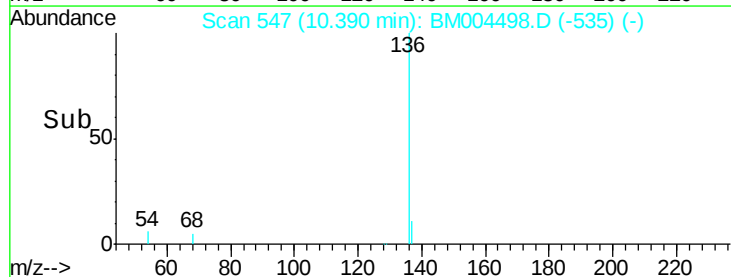
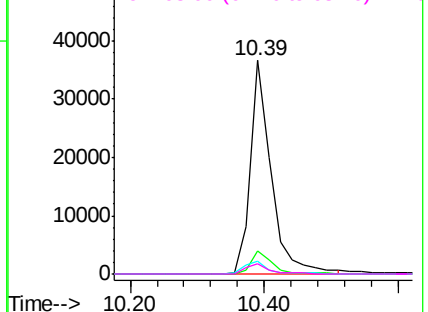


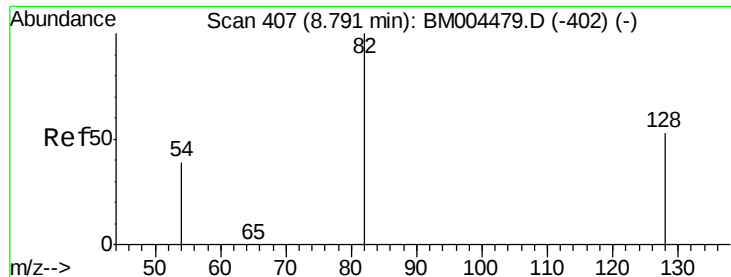
Abundance Ion 136.00 (135.70 to 136.70): BM004479.D (-542) (-)

Ion 137.00 (136.70 to 137.70): BM004479.D (-542) (-)

Ion 54.00 (53.70 to 54.70): BM004479.D (-542) (-)

Ion 68.00 (67.70 to 68.70): BM004479.D (-542) (-)





#8

Nitrobenzene-d5

Concen: 3.43 ng

RT: 8.78 min Scan# 407

Delta R.T. -0.01 min

Lab File: BM004498.D

Acq: 01 Mar 2016 09:17

Instrument :

BNA_M

ClientSampleId :

KY038PS038-160217

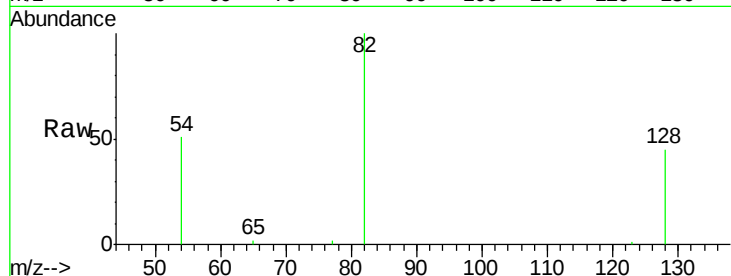
Tgt Ion: 82 Resp: 13668

Ion Ratio Lower Upper

82 100

128 44.7 43.7 65.5

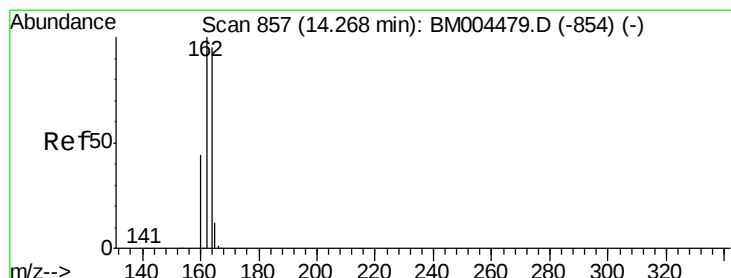
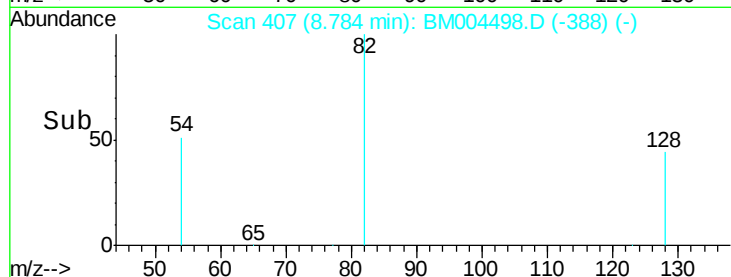
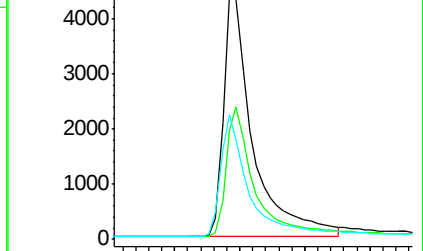
54 51.3 33.5 50.3#



Abundance Ion 82.00 (81.70 to 82.70): BM004479.D (-402) (-)

Ion 128.00 (127.70 to 128.70): BM004479.D (-402) (-)

Ion 54.00 (53.70 to 54.70): BM004479.D (-402) (-)



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 857

Delta R.T. -0.01 min

Lab File: BM004498.D

Acq: 01 Mar 2016 09:17

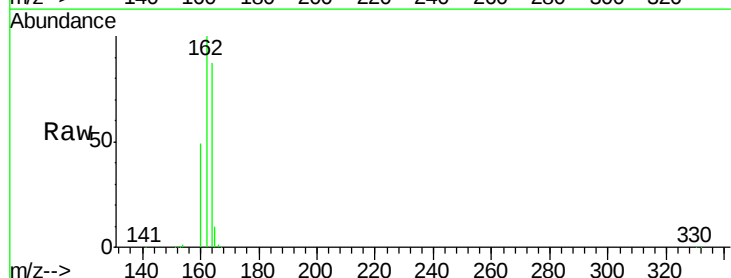
Tgt Ion: 164 Resp: 42329

Ion Ratio Lower Upper

164 100

162 115.1 84.2 126.4

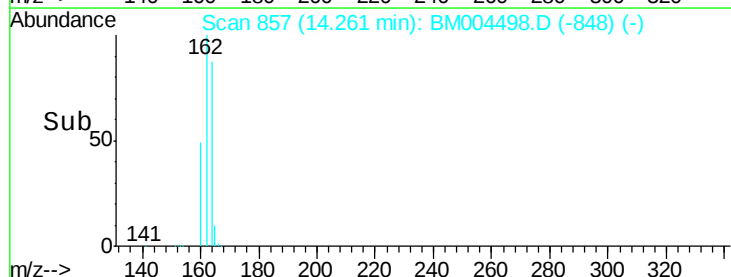
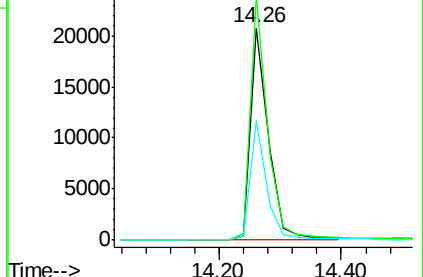
160 56.4 37.4 56.2#

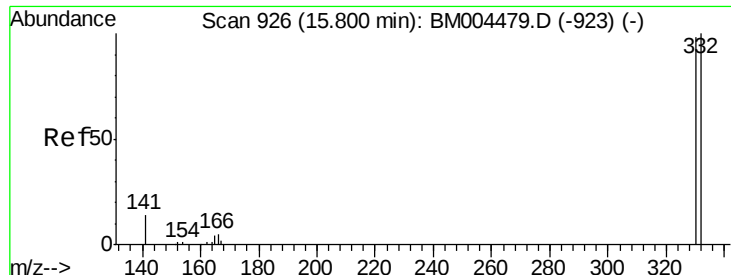


Abundance Ion 164.00 (163.70 to 164.70): BM004479.D (-854) (-)

Ion 162.00 (161.70 to 162.70): BM004479.D (-854) (-)

Ion 160.00 (159.70 to 160.70): BM004479.D (-854) (-)

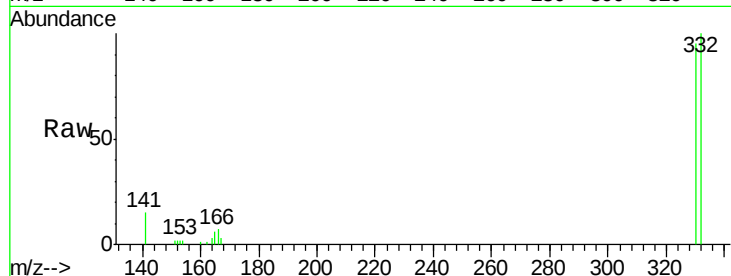




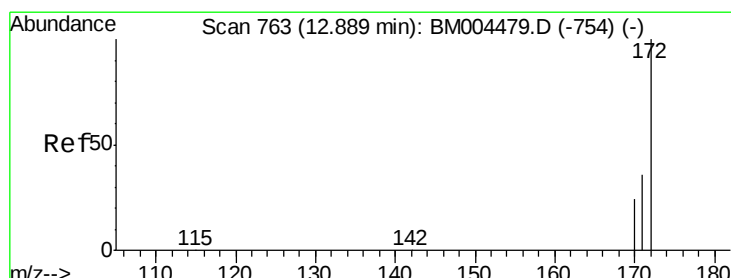
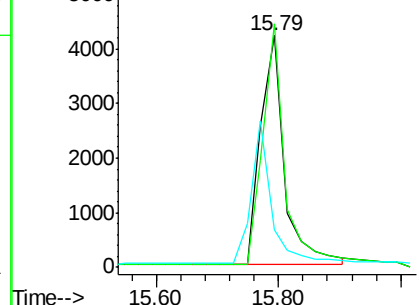
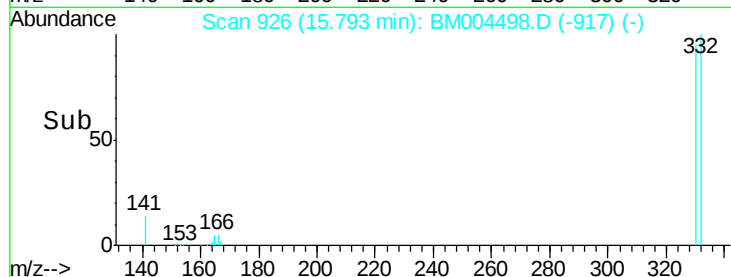
#14
 2,4,6-Tribromophenol
 Concen: 7.12 ng
 RT: 15.79 min Scan# 926
 Delta R.T. -0.01 min
 Lab File: BM004498.D
 Acq: 01 Mar 2016 09:17

Instrument :
 BNA_M
 ClientSampleId :
 KY038PS038-160217

Tgt Ion:330 Resp: 11575
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.1 114.1
 141 0.0 0.0 0.0

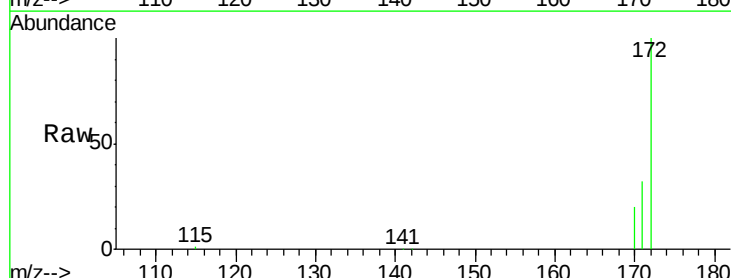


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

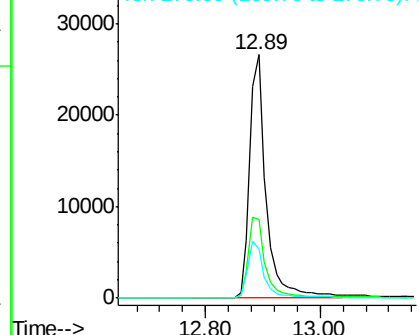
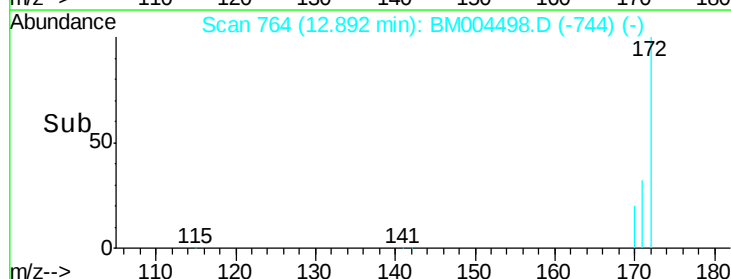


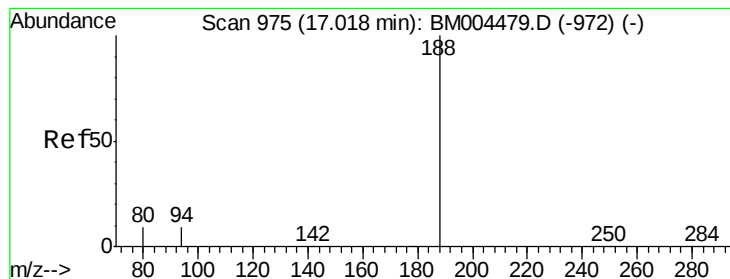
#15
 2-Fluorobiphenyl
 Concen: 4.10 ng
 RT: 12.89 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BM004498.D
 Acq: 01 Mar 2016 09:17

Tgt Ion:172 Resp: 53104
 Ion Ratio Lower Upper
 172 100
 171 32.5 29.2 43.8
 170 19.9 19.7 29.5



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





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.01 min Scan# 975

Delta R.T. -0.01 min

Lab File: BM004498.D

Acq: 01 Mar 2016 09:17

Instrument :

BNA_M

ClientSampleId :

KY038PS038-160217

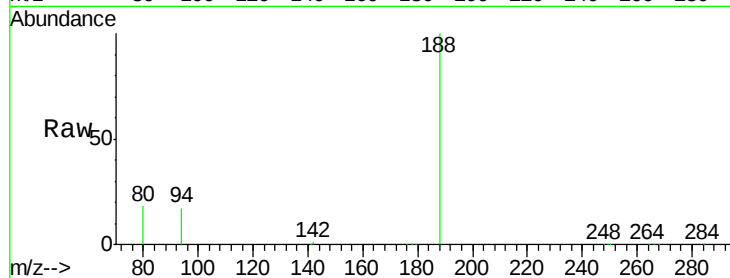
Tgt Ion:188 Resp: 90520

Ion Ratio Lower Upper

188 100

94 17.4 7.4 11.0#

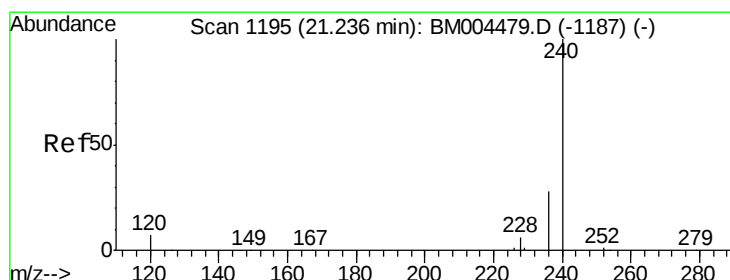
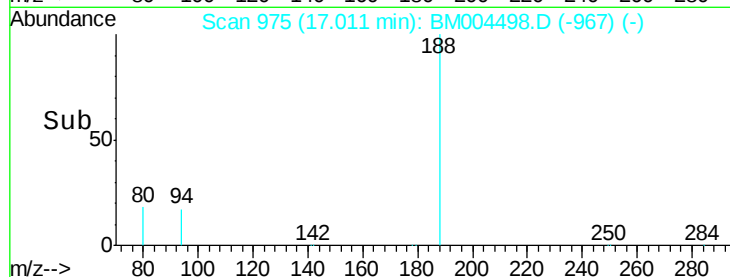
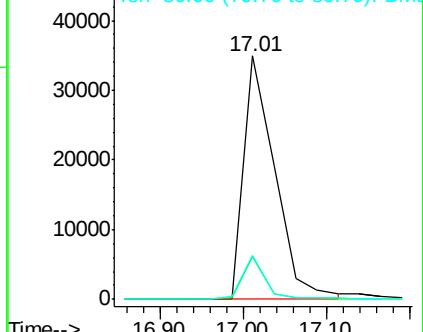
80 17.9 6.9 10.3#



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.25 min Scan# 1196

Delta R.T. 0.01 min

Lab File: BM004498.D

Acq: 01 Mar 2016 09:17

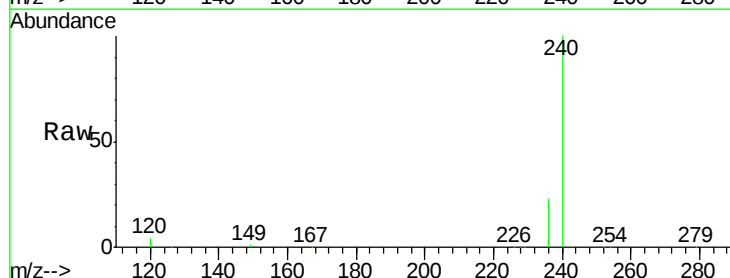
Tgt Ion:240 Resp: 82667

Ion Ratio Lower Upper

240 100

120 3.8 6.1 9.1#

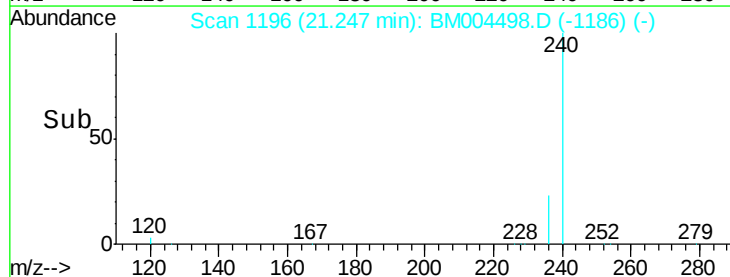
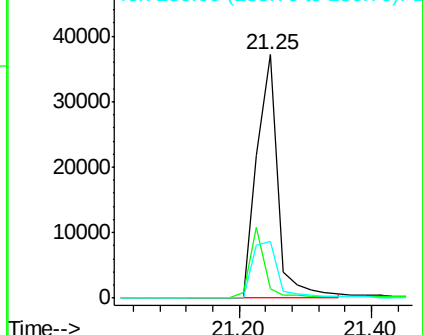
236 23.4 22.6 34.0

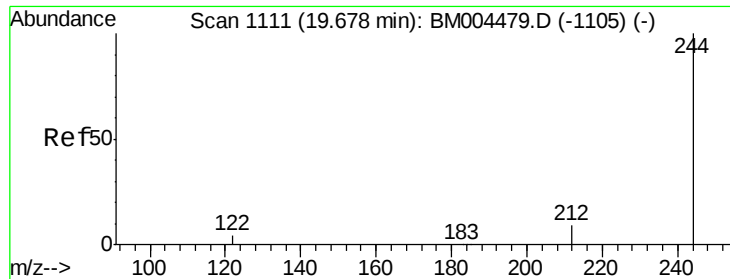


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 5.56 ng

RT: 19.67 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BM004498.D

Acq: 01 Mar 2016 09:17

Instrument :

BNA_M

ClientSampleId :

KY038PS038-160217

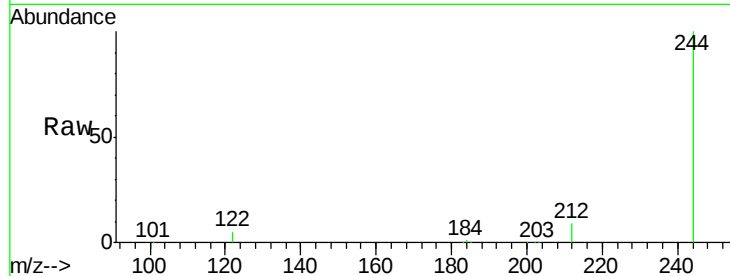
Tgt Ion:244 Resp: 59207

Ion Ratio Lower Upper

244 100

212 9.4 7.5 11.3

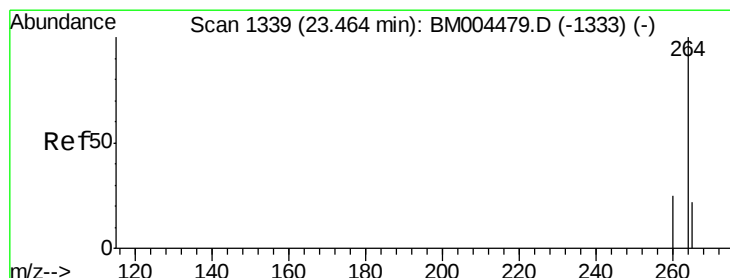
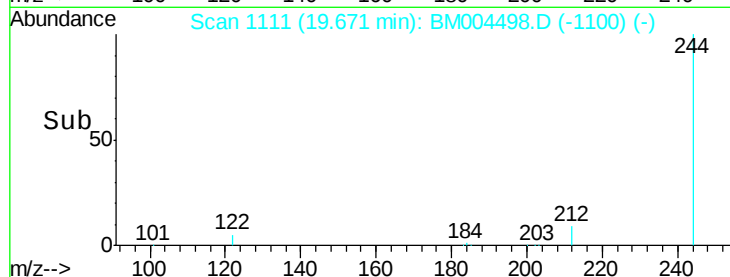
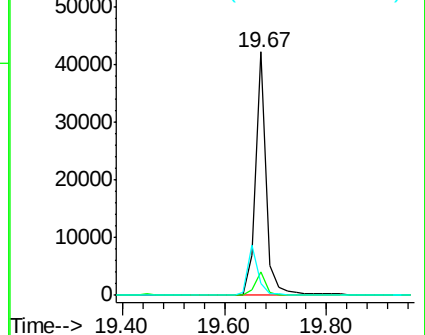
122 4.7 4.2 6.2



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



#35

Perylene-d12

Concen: 5.00 ng

RT: 23.45 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BM004498.D

Acq: 01 Mar 2016 09:17

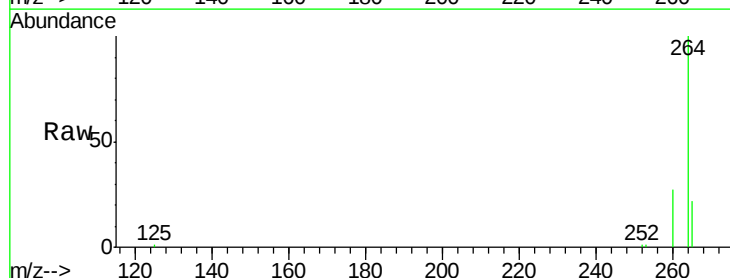
Tgt Ion:264 Resp: 81247

Ion Ratio Lower Upper

264 100

260 26.6 19.8 29.6

265 21.8 18.9 28.3



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

