

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102918\
 Data File : BM017405.D
 Acq On : 29 Oct 2018 13:11
 Operator : MJ/SJ
 Sample : PB114216TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114216TB

Quant Time: Oct 29 15:32:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 15:08:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	253554	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	1067296	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	641720	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1571903	20.00	ng	0.00
76) Chrysene-d12	21.24	240	1756028	20.00	ng	0.00
87) Perylene-d12	23.45	264	1540851	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1551135	103.47	ng	0.00
7) Phenol-d6	6.83	99	2077617	101.76	ng	0.00
23) Nitrobenzene-d5	8.80	82	1231744	67.50	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	891726	102.75	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	3133901	64.98	ng	0.00
79) Terphenyl-d14	19.68	244	5269378	67.64	ng	0.00

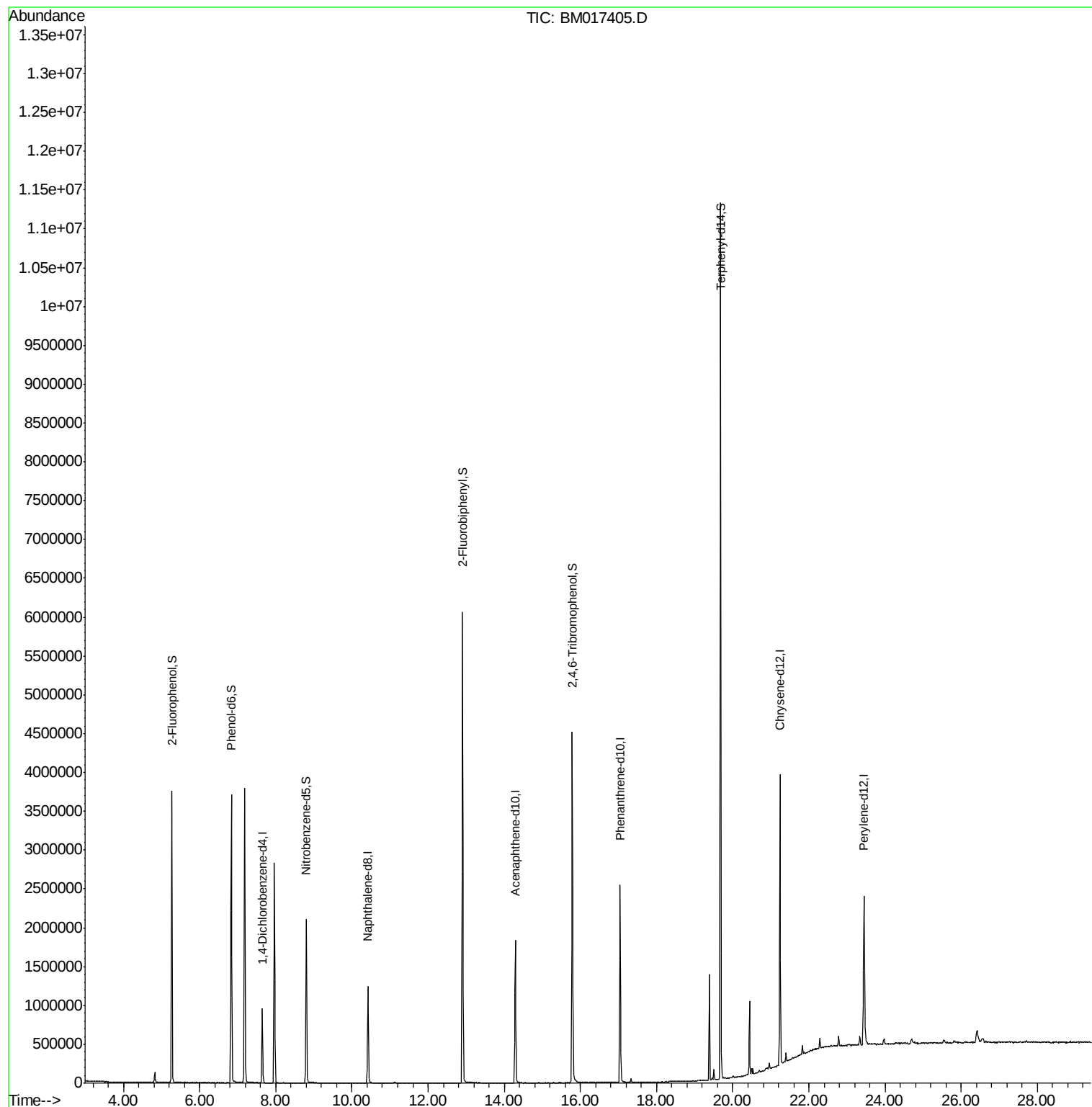
Target Compounds Qvalue

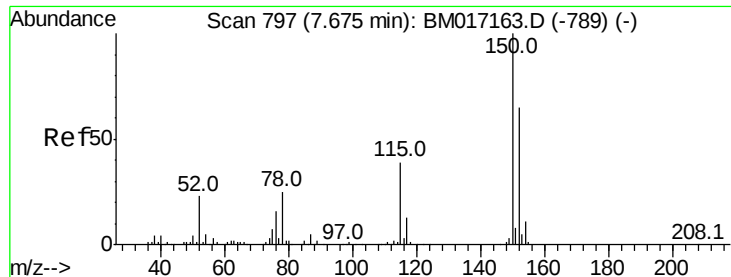
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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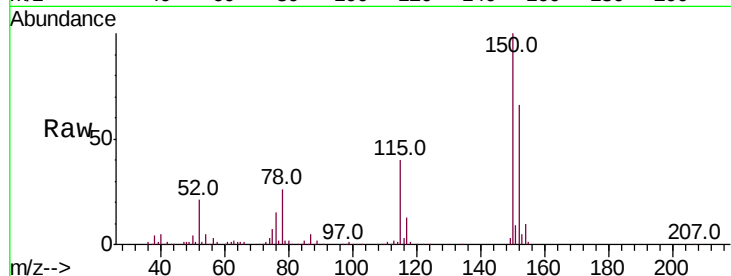


#1

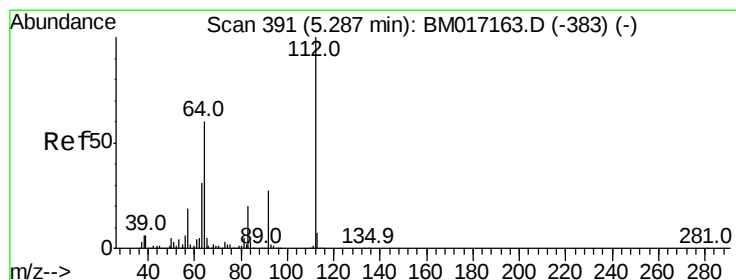
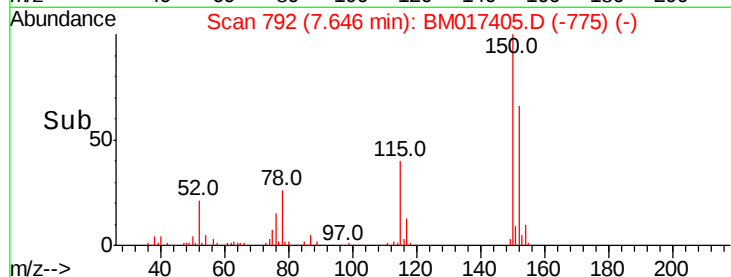
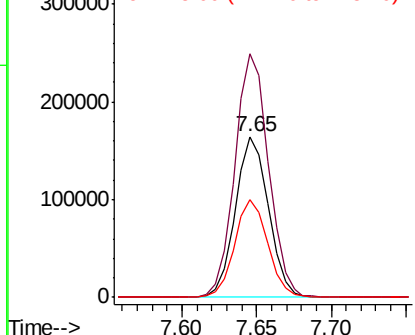
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 792
Delta R.T. 0.00 min
Lab File: BM017405.D
Acq: 29 Oct 2018 13:11

Instrument :
BNA_M
ClientSampleId :
PB114216TB

Tot Ion:152 Resp: 253554
Ion Ratio Lower Upper
152 100
150 151.7 124.3 186.5
115 60.6 48.1 72.1



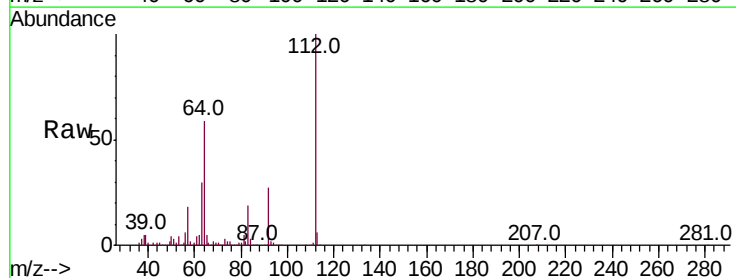
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



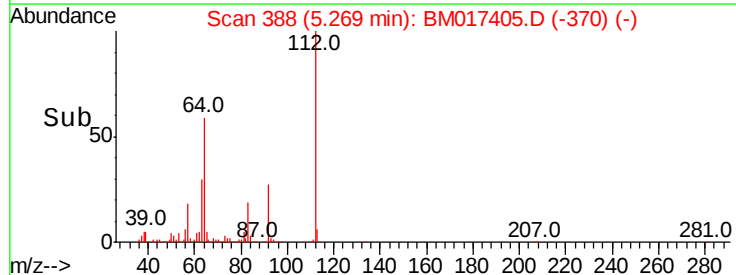
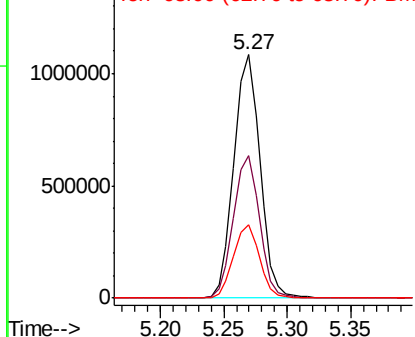
#5

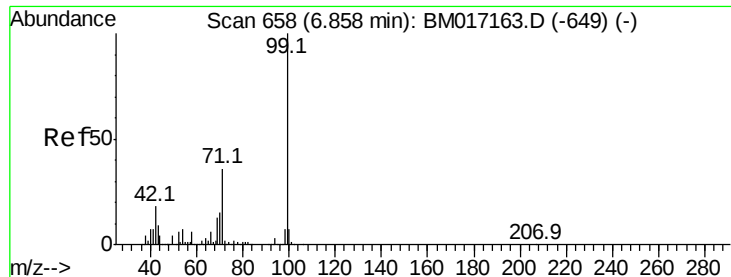
2-Fluorophenol
Concen: 103.469 ng
RT: 5.27 min Scan# 388
Delta R.T. 0.01 min
Lab File: BM017405.D
Acq: 29 Oct 2018 13:11

Tgt Ion:112 Resp: 1551135
Ion Ratio Lower Upper
112 100
64 58.6 41.7 62.5
63 30.0 23.0 34.4



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: 101.757 ng

RT: 6.83 min Scan# 654

Delta R.T. 0.00 min

Lab File: BM017405.D

Acq: 29 Oct 2018 13:11

Instrument :

BNA_M

ClientSampleId :

PB114216TB

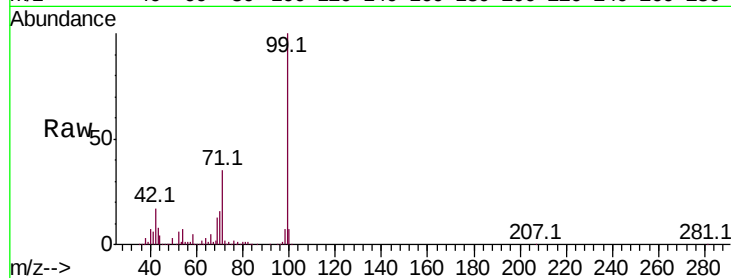
Tot Ion: 99 Resp: 2077617

Ion Ratio Lower Upper

99 100

42 17.4 13.3 19.9

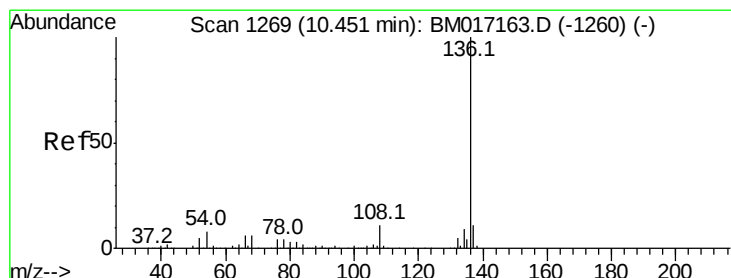
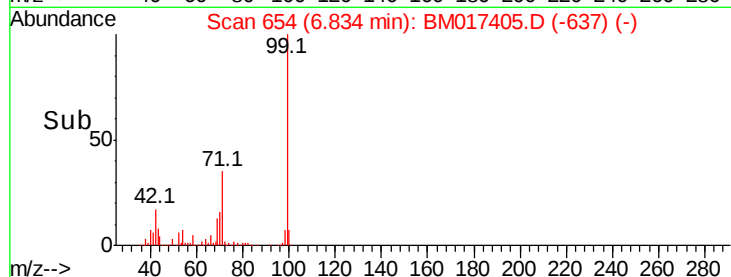
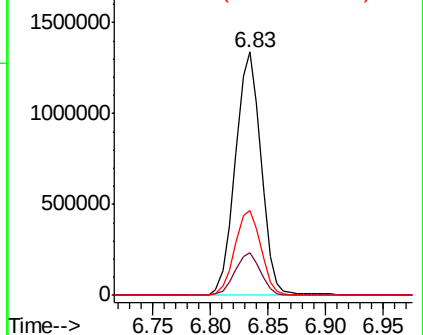
71 35.0 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-649) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-649) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-649) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BM017405.D

Acq: 29 Oct 2018 13:11

Tgt Ion: 136 Resp: 1067296

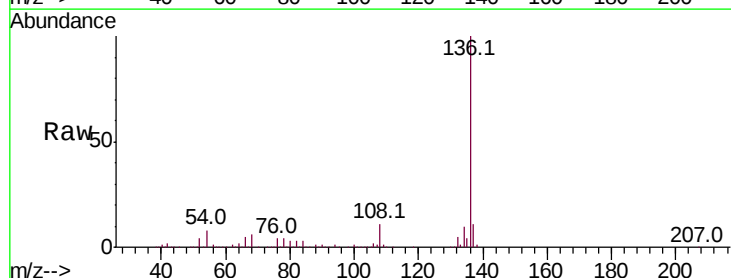
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 7.9 6.7 10.1

68 5.7 4.7 7.1

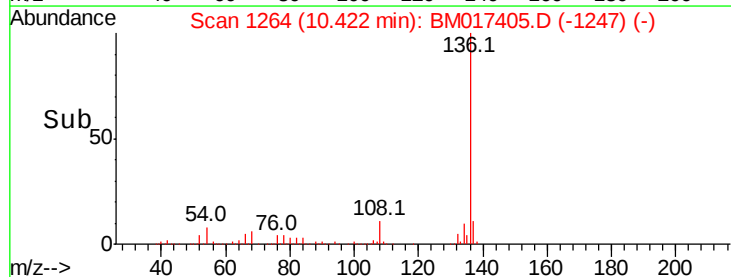
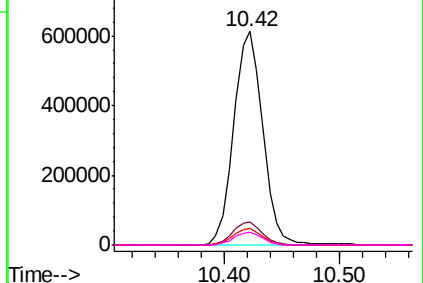


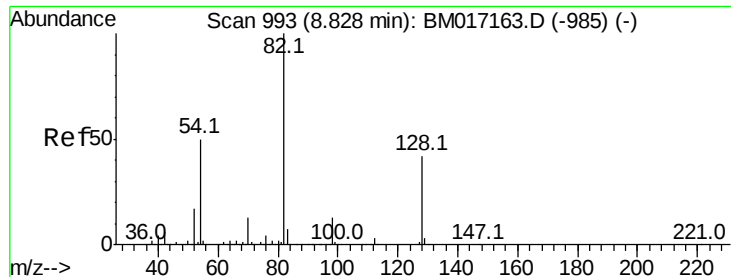
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1260) (-)

Ion 137.00 (136.70 to 137.70): BM017163.D (-1260) (-)

Ion 54.00 (53.70 to 54.70): BM017163.D (-1260) (-)

Ion 68.00 (67.70 to 68.70): BM017163.D (-1260) (-)

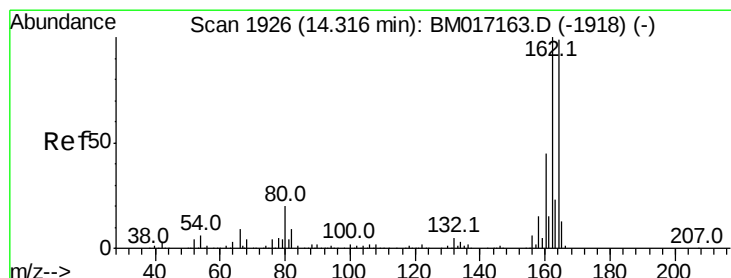
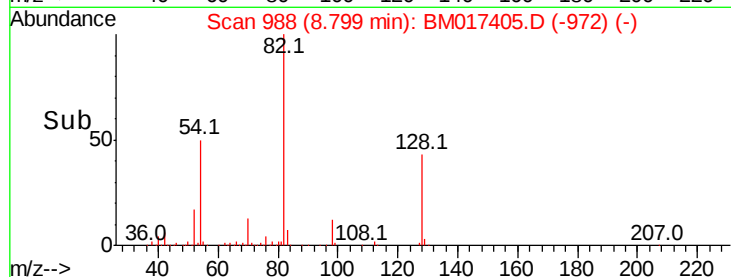
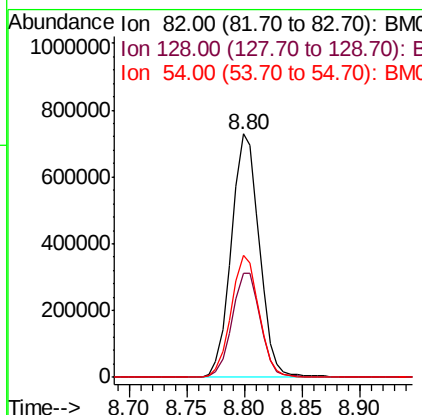
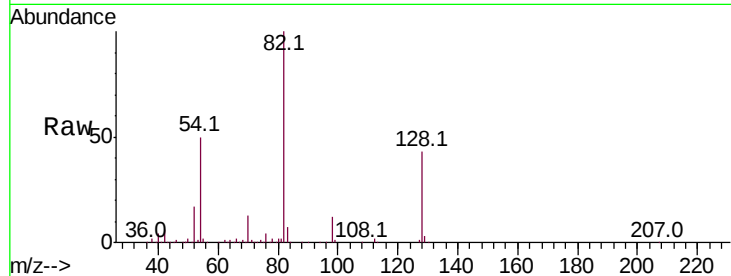




#23
Nitrobenzene-d5
Concen: 67.497 ng
RT: 8.80 min Scan# 988
Delta R.T. -0.01 min
Lab File: BM017405.D
Acq: 29 Oct 2018 13:11

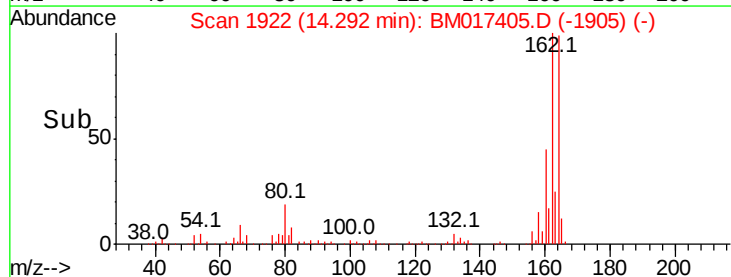
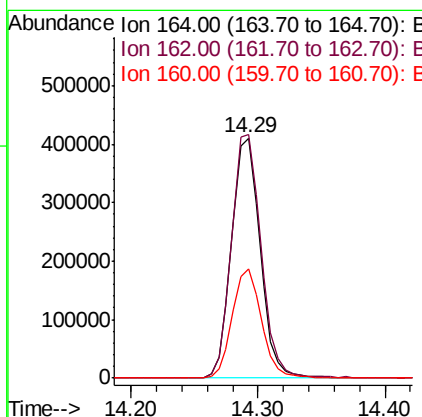
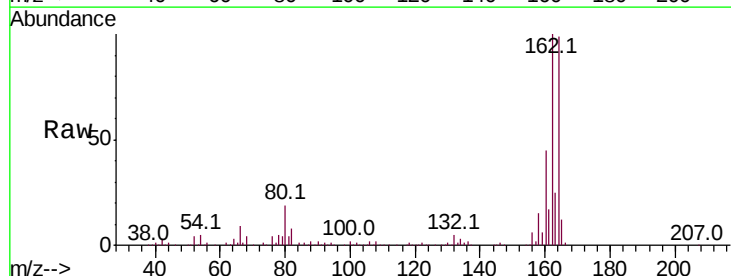
Instrument :
BNA_M
ClientSampleId :
PB114216TB

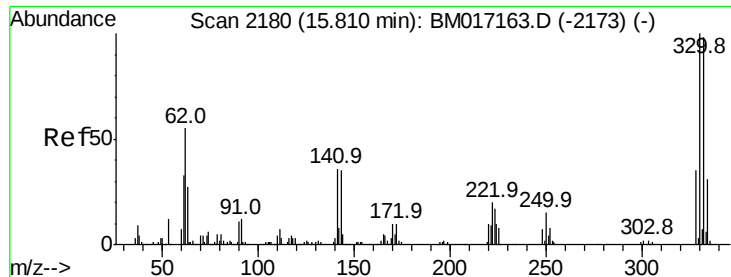
Tot Ion: 82 Resp: 1231744
Ion Ratio Lower Upper
82 100
128 43.0 37.0 55.6
54 49.9 40.7 61.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1922
Delta R.T. 0.00 min
Lab File: BM017405.D
Acq: 29 Oct 2018 13:11

Tgt Ion:164 Resp: 641720
Ion Ratio Lower Upper
164 100
162 101.5 82.1 123.1
160 45.5 40.2 60.2

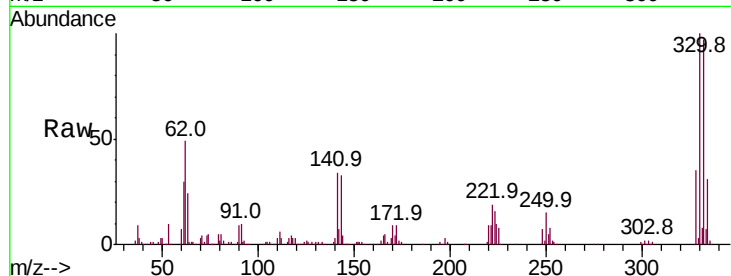




#42
 2,4,6-Tribromophenol
 Concen: 102.753 ng
 RT: 15.79 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: BM017405.D
 Acq: 29 Oct 2018 13:11

Instrument :
 BNA_M
 ClientSampleId :
 PB114216TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.3	115.9
141	33.0	27.4	41.0

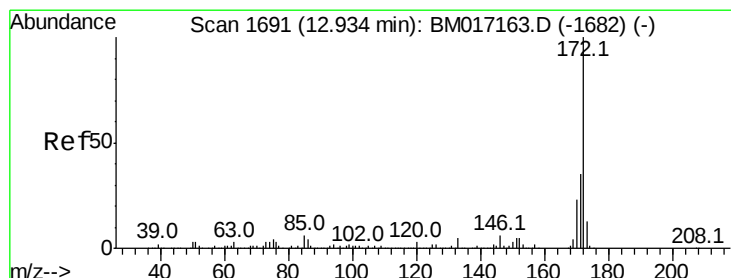
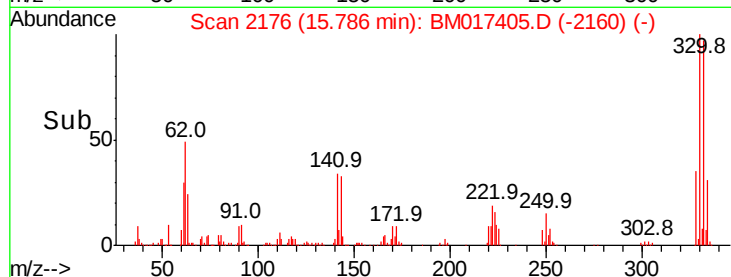
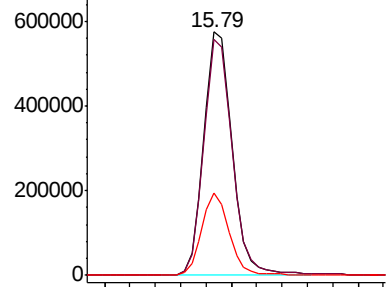


Abundance

Ion 329.80 (329.50 to 330.50): E

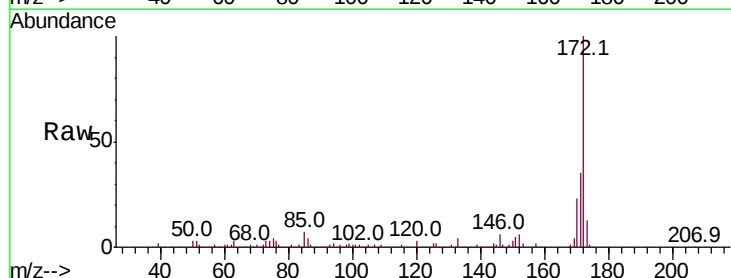
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 64.978 ng
 RT: 12.90 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: BM017405.D
 Acq: 29 Oct 2018 13:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.3	42.5
170	22.5	18.3	27.5

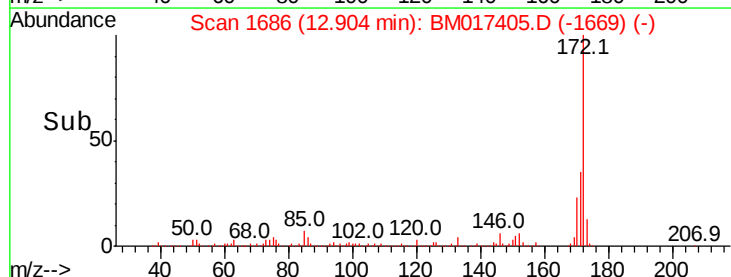
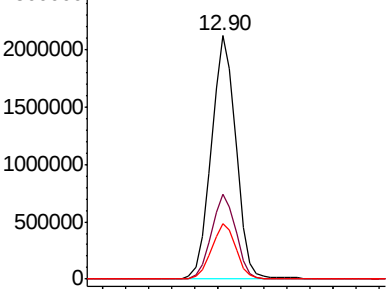


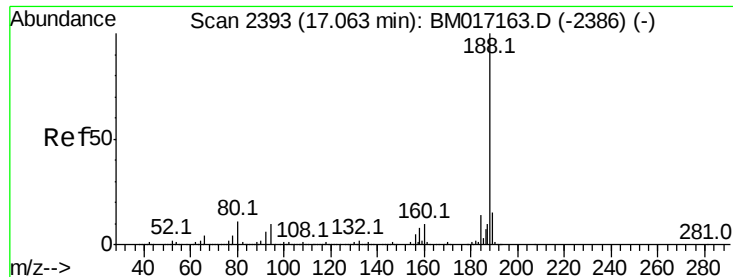
Abundance

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

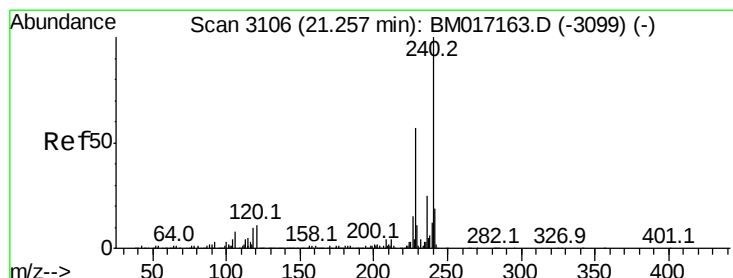
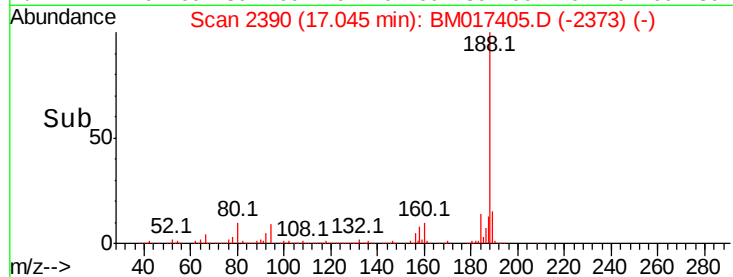
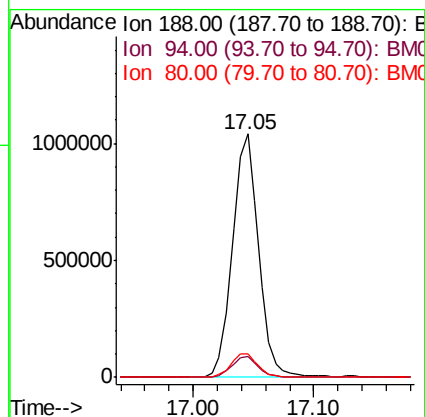
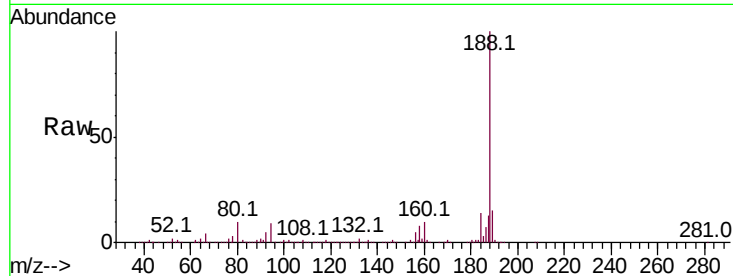




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BM017405.D
Acq: 29 Oct 2018 13:11

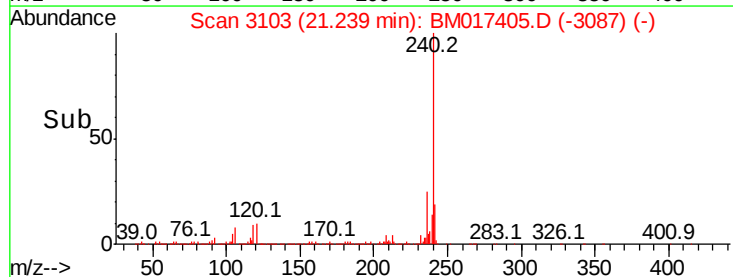
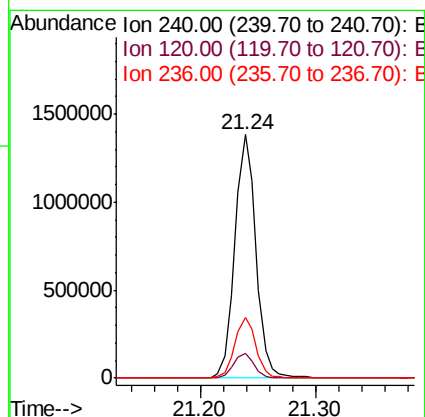
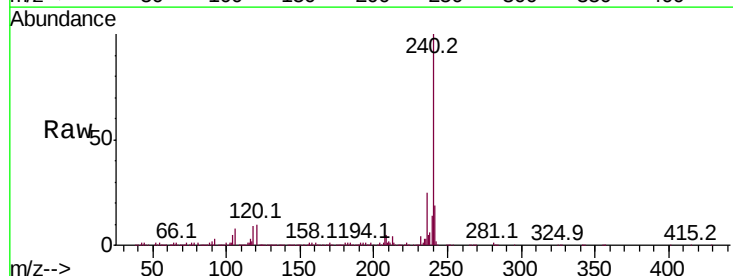
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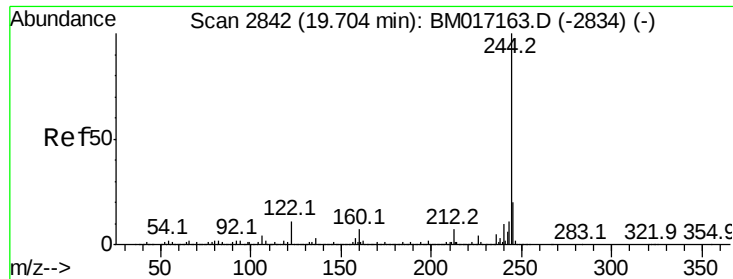
Tot Ion:188 Resp: 1571903
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 9.6 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM017405.D
Acq: 29 Oct 2018 13:11

Tgt Ion:240 Resp: 1756028
Ion Ratio Lower Upper
240 100
120 10.1 8.1 12.1
236 25.1 19.9 29.9





#79

Terphenyl-d14

Concen: 67.637 ng

RT: 19.68 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BM017405.D

Acq: 29 Oct 2018 13:11

Instrument :

BNA_M

ClientSampleId :

PB114216TB

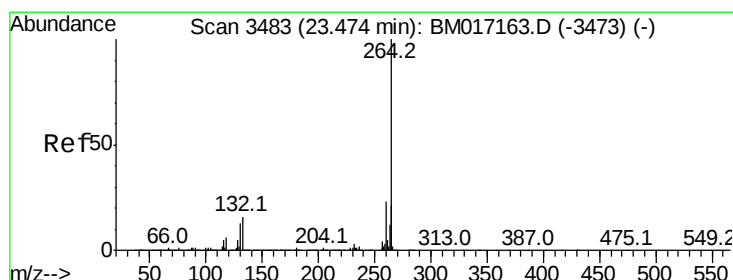
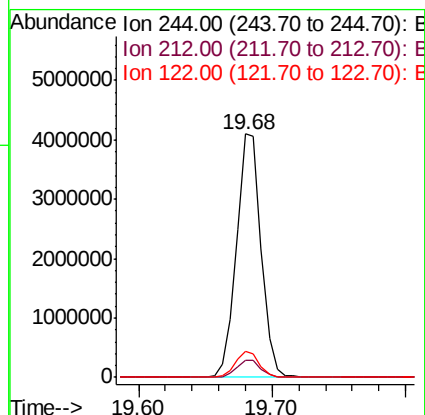
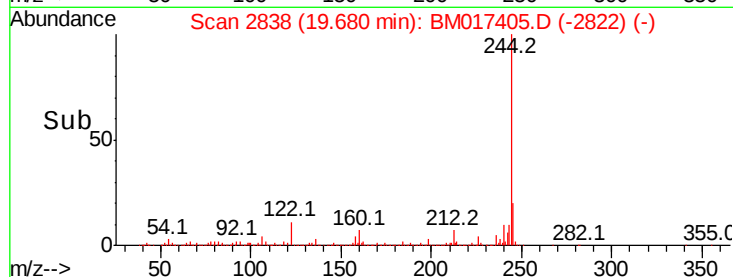
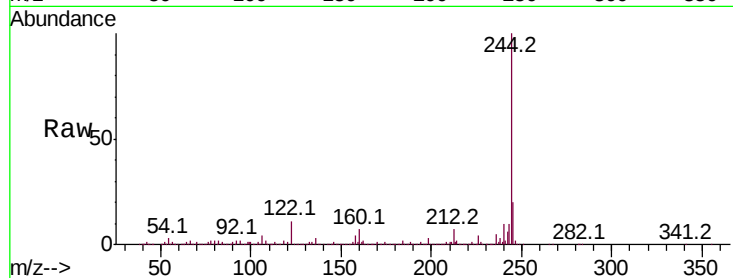
Tot Ion:244 Resp: 5269378

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

122 10.8 8.4 12.6



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.45 min Scan# 3479

Delta R.T. 0.00 min

Lab File: BM017405.D

Acq: 29 Oct 2018 13:11

Tgt Ion:264 Resp: 1540851

Ion Ratio Lower Upper

264 100

260 22.8 18.6 27.8

265 22.2 17.8 26.8

