

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040517\
 Data File : BM009538.D
 Acq On : 04 Apr 2017 20:15
 Operator : SJ/MA
 Sample : I2493-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LSS-SP06-COMP

Quant Time: Apr 05 02:18:44 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 12:10:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	108820	20.00	ng	-0.02
21) Naphthalene-d8	10.64	136	395014	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	202099	20.00	ng	-0.02
63) Phenanthrene-d10	17.23	188	525984	20.00	ng	-0.02
75) Chrysene-d12	21.42	240	677713	20.00	ng	-0.01
86) Perylene-d12	23.73	264	286077	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1048528	160.61	ng	-0.01
7) Phenol-d6	7.00	99	1319655	148.23	ng	-0.02
23) Nitrobenzene-d5	9.01	82	1065793	101.16	ng	-0.02
41) 2,4,6-Tribromophenol	15.98	330	460058	183.24	ng	-0.02
44) 2-Fluorobiphenyl	13.10	172	1856995	110.72	ng	-0.02
78) Terphenyl-d14	19.86	244	3118216	96.15	ng	-0.01

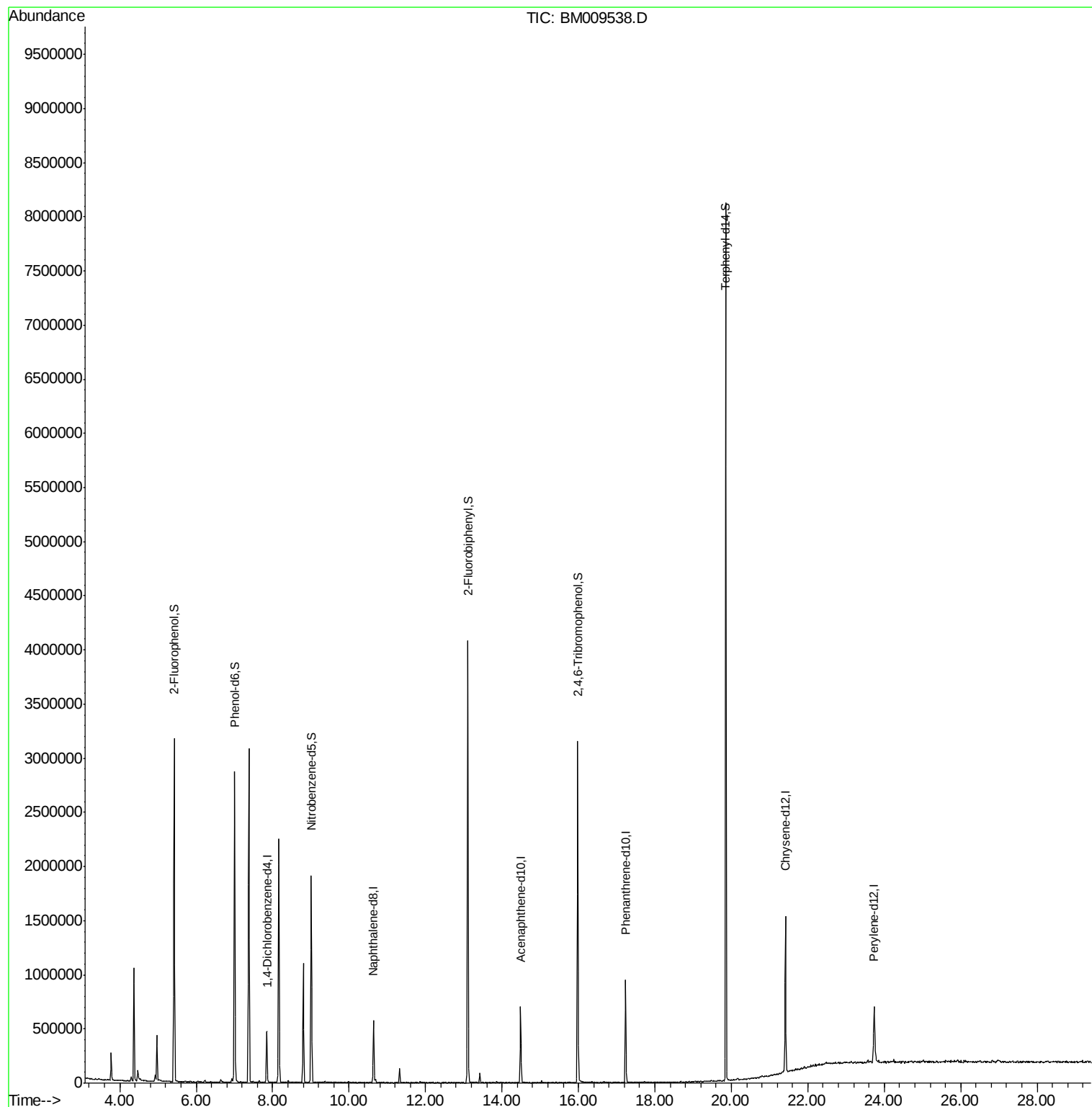
Target Compounds Qvalue

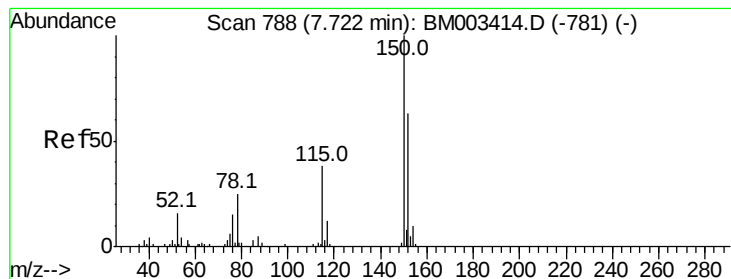
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.85 min Scan# 809

Delta R.T. -0.02 min

Lab File: BM009538.D

Acq: 04 Apr 2017 20:15

Instrument :

BNA_M

ClientSampleId :

LSS-SP06-COMP

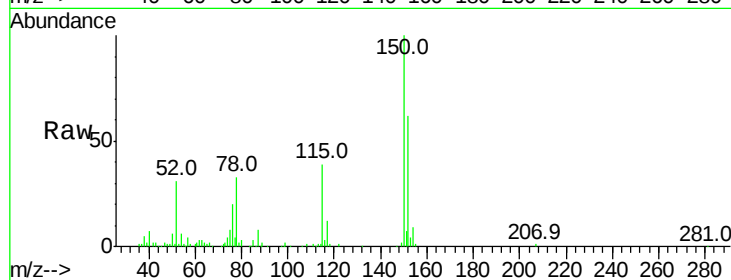
Tot Ion:152 Resp: 108820

Ion Ratio Lower Upper

152 100

150 162.6 119.5 179.3

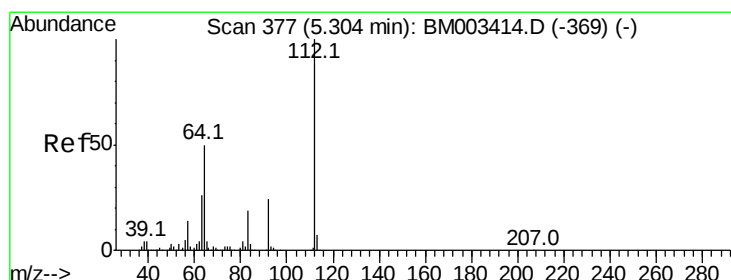
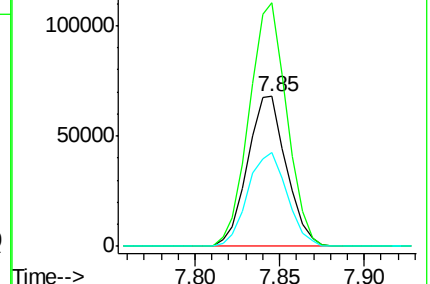
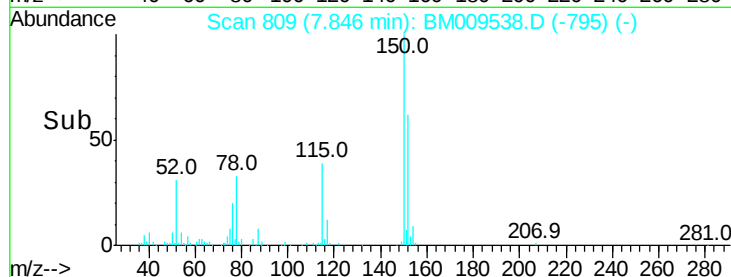
115 62.9 43.0 64.4



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: 160.61 ng

RT: 5.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BM009538.D

Acq: 04 Apr 2017 20:15

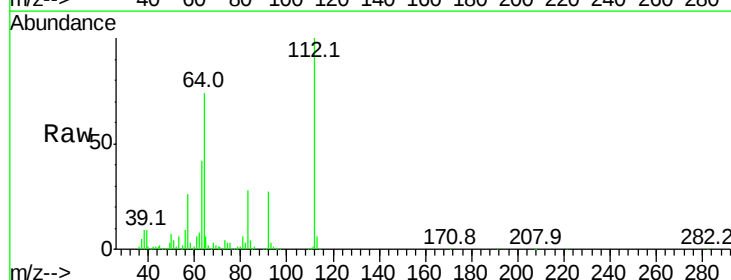
Tgt Ion:112 Resp: 1048528

Ion Ratio Lower Upper

112 100

64 73.7 38.6 57.8#

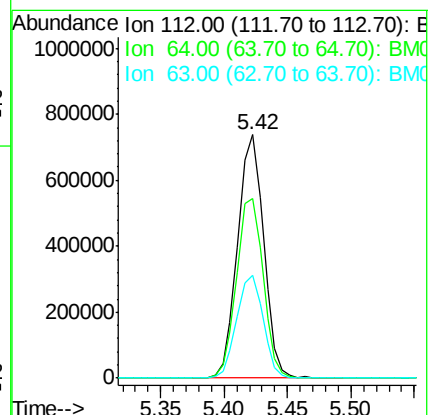
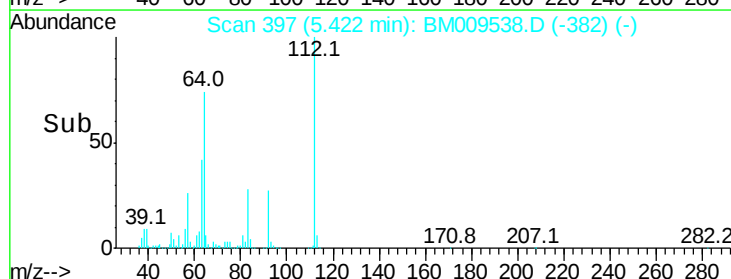
63 42.0 19.3 28.9#

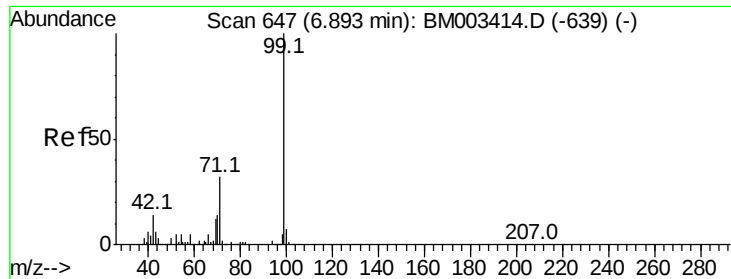


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 148.23 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009538.D

Acq: 04 Apr 2017 20:15

Instrument :

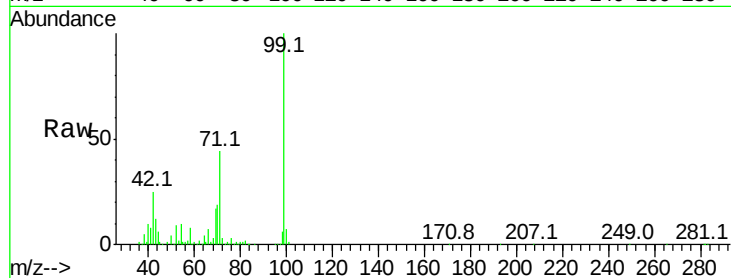
BNA_M

ClientSampleId :

LSS-SP06-COMP

Tot Ion: 99 Resp: 1319655

Ion	Ratio	Lower	Upper
99	100		
42	24.7	11.0	16.4#
71	44.2	23.4	35.2#

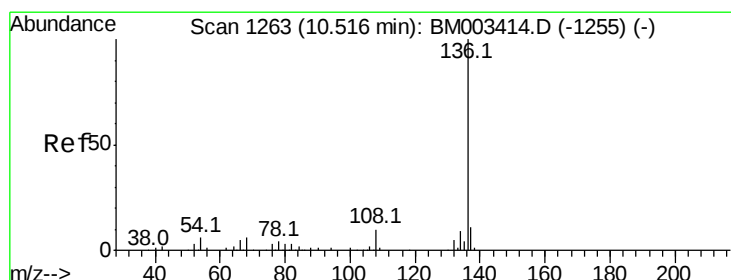
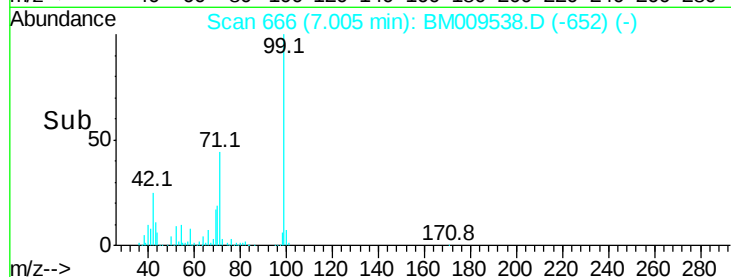
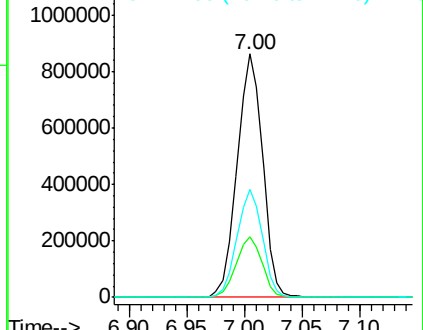


Abundance

Ion 99.00 (98.70 to 99.70): BM009538.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM009538.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM009538.D (-639) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.64 min Scan# 1284

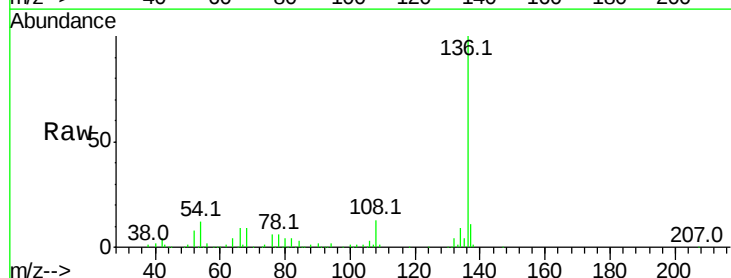
Delta R.T. -0.02 min

Lab File: BM009538.D

Acq: 04 Apr 2017 20:15

Tgt Ion: 136 Resp: 395014

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	11.9	4.6	6.8#
68	8.7	3.7	5.5#



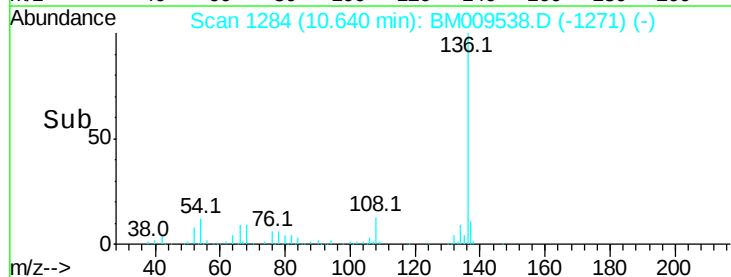
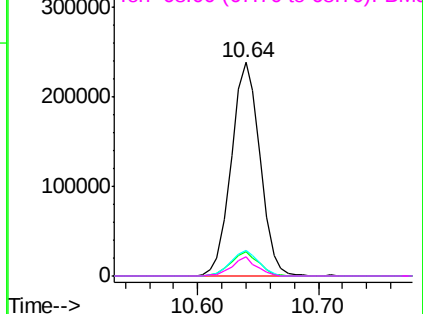
Abundance

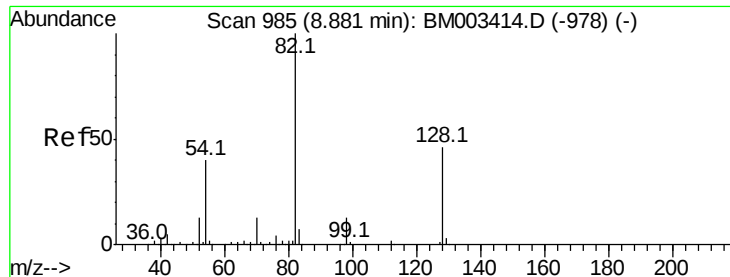
Ion 136.00 (135.70 to 136.70): BM009538.D (-1271) (-)

Ion 137.00 (136.70 to 137.70): BM009538.D (-1271) (-)

Ion 54.00 (53.70 to 54.70): BM009538.D (-1271) (-)

Ion 68.00 (67.70 to 68.70): BM009538.D (-1271) (-)



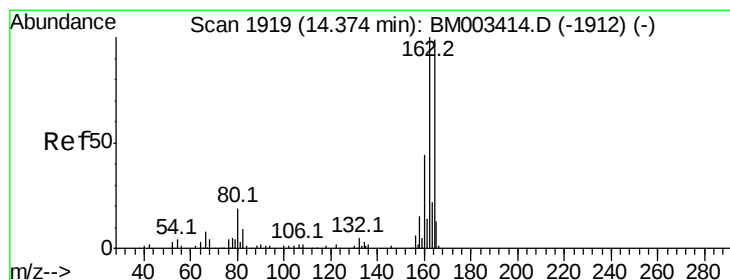
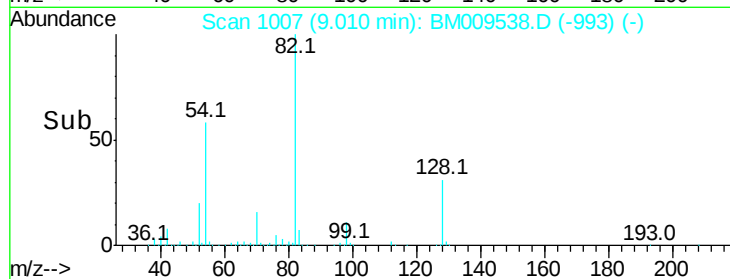
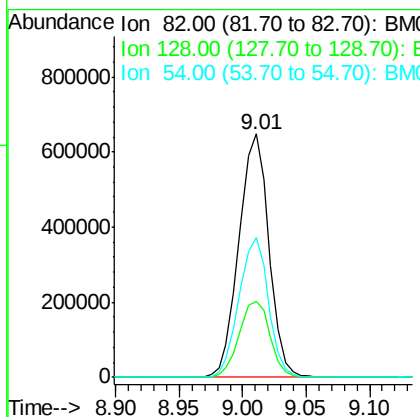
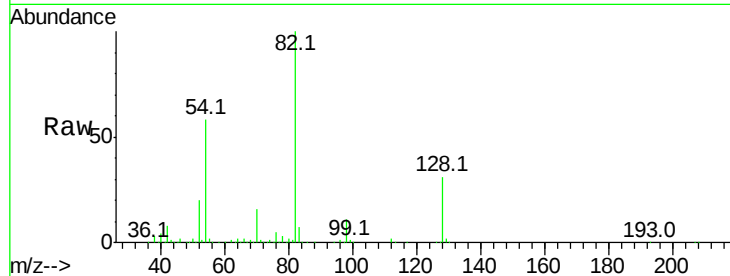


#23
 Nitrobenzene-d5
 Concen: 101.16 ng
 RT: 9.01 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BM009538.D
 Acq: 04 Apr 2017 20:15

Instrument :
 BNA_M
 ClientSampleId :
 LSS-SP06-COMP

Tot Ion: 82 Resp: 1065793

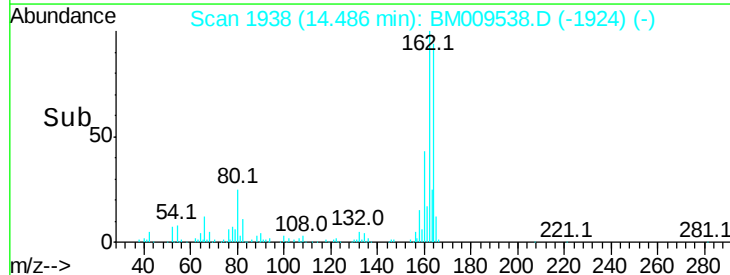
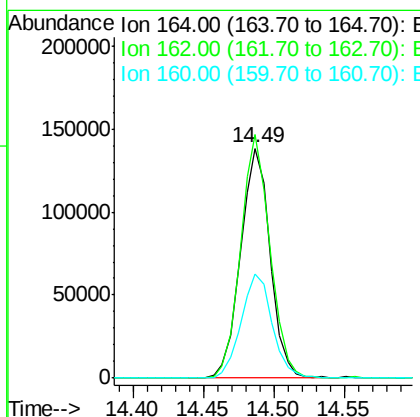
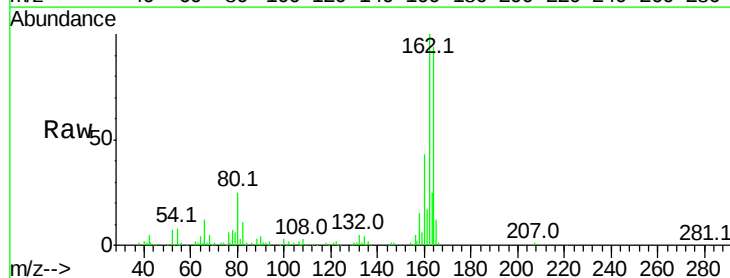
Ion	Ratio	Lower	Upper
82	100		
128	31.0	32.8	49.2#
54	57.6	40.6	60.8

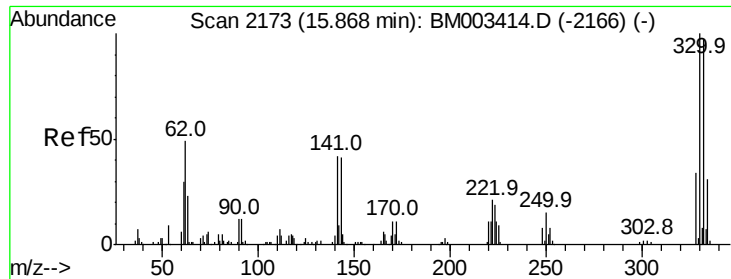


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.49 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BM009538.D
 Acq: 04 Apr 2017 20:15

Tgt Ion: 164 Resp: 202099

Ion	Ratio	Lower	Upper
164	100		
162	106.0	82.4	123.6
160	45.3	35.8	53.6

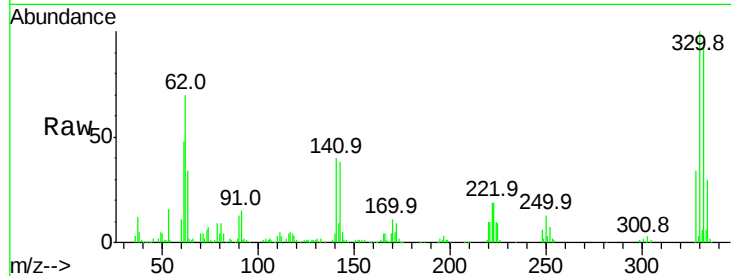




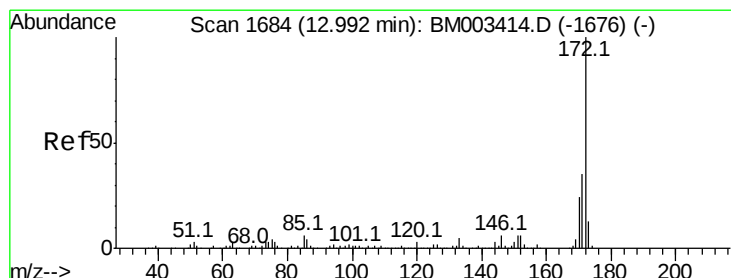
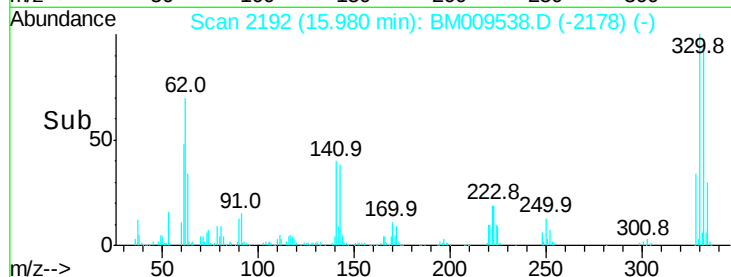
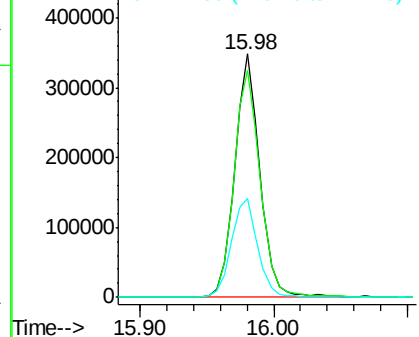
#41
 2,4,6-Tribromophenol
 Concen: 183.24 ng
 RT: 15.98 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BM009538.D
 Acq: 04 Apr 2017 20:15

Instrument :
 BNA_M
 ClientSampleId :
 LSS-SP06-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	42.5	0.0	0.0#

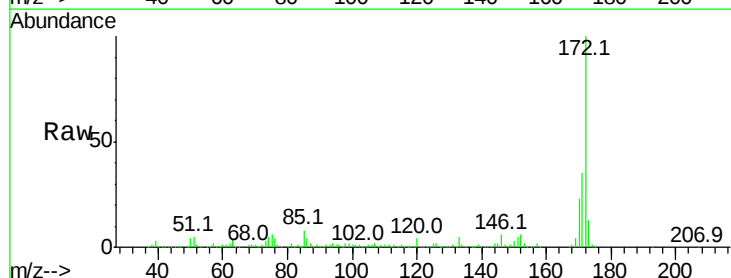


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

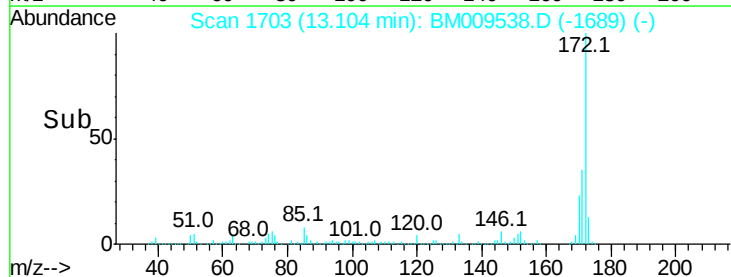
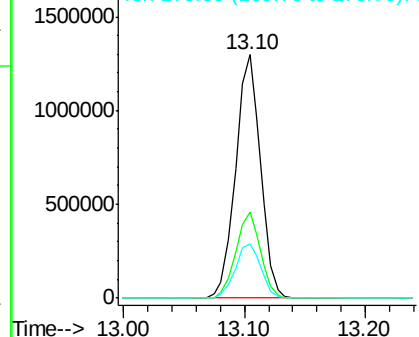


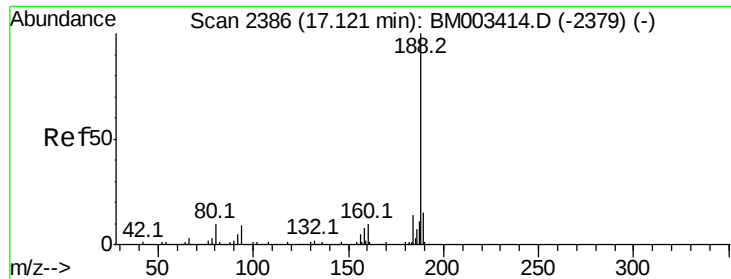
#44
 2-Fluorobiphenyl
 Concen: 110.72 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BM009538.D
 Acq: 04 Apr 2017 20:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	22.5	18.8	28.2



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

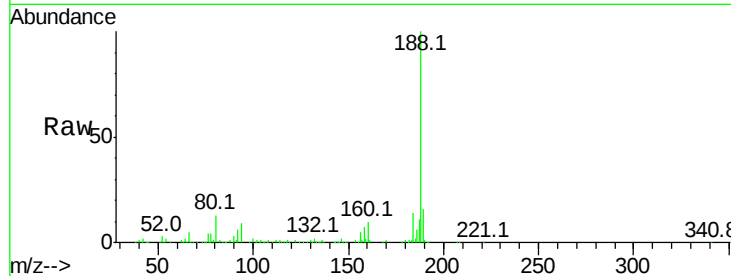




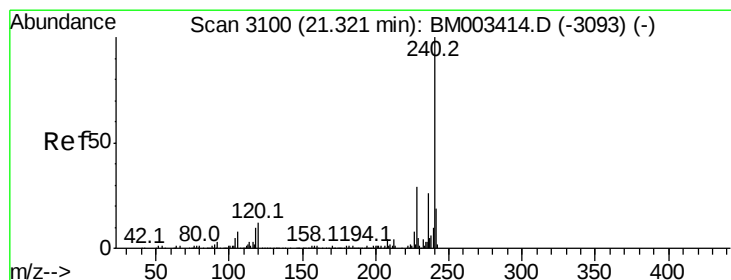
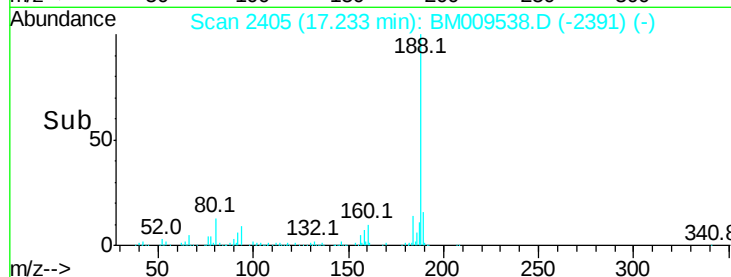
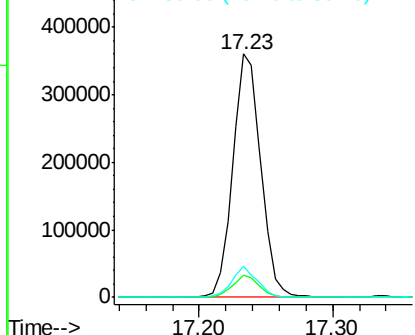
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.23 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BM009538.D
Acq: 04 Apr 2017 20:15

Instrument :
BNA_M
ClientSampleId :
LSS-SP06-COMP

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.7	13.1
80	12.8	9.3	13.9

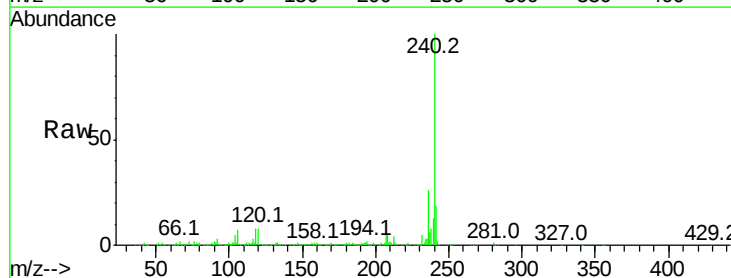


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

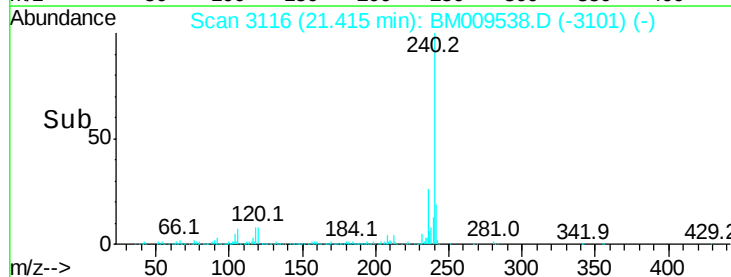
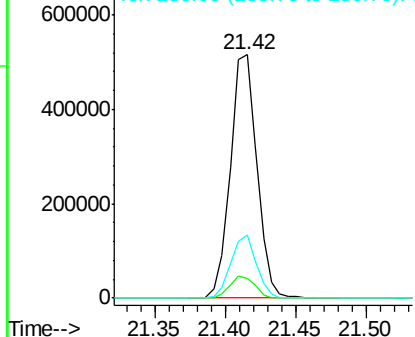


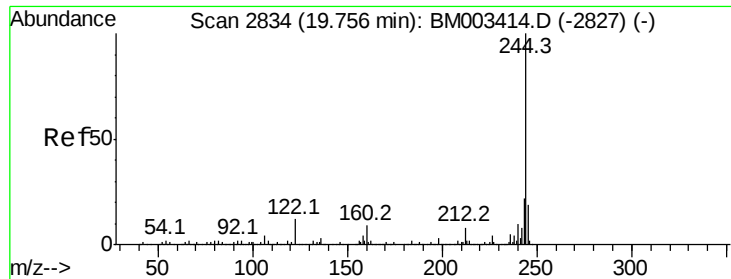
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.42 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM009538.D
Acq: 04 Apr 2017 20:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	8.2	12.2
236	25.7	20.0	30.0



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





#78

Terphenyl-d14

Concen: 96.15 ng

RT: 19.86 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BM009538.D

Acq: 04 Apr 2017 20:15

Instrument :

BNA_M

ClientSampleId :

LSS-SP06-COMP

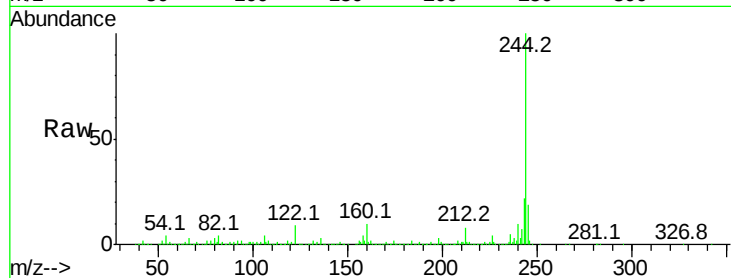
Tot Ion:244 Resp: 3118216

Ion Ratio Lower Upper

244 100

212 7.6 4.9 7.3#

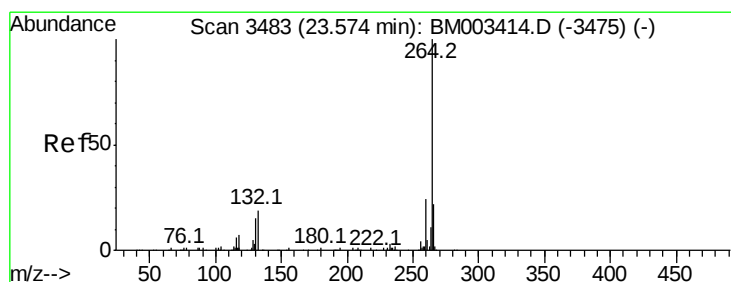
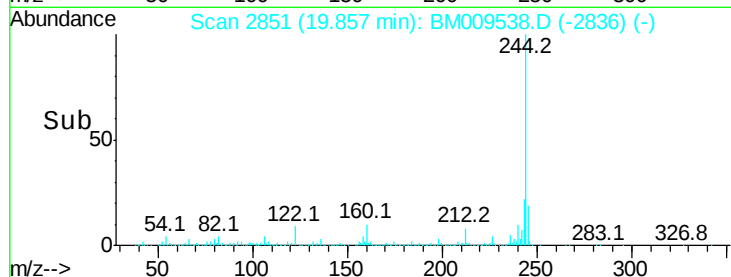
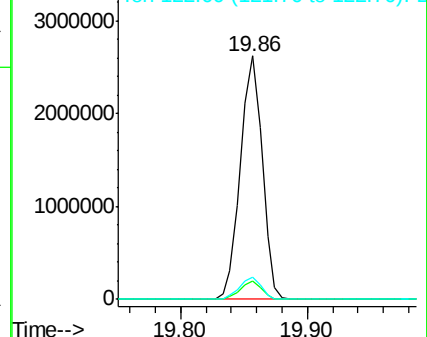
122 8.9 6.2 9.4



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: 23.73 min Scan# 3510

Delta R.T. -0.02 min

Lab File: BM009538.D

Acq: 04 Apr 2017 20:15

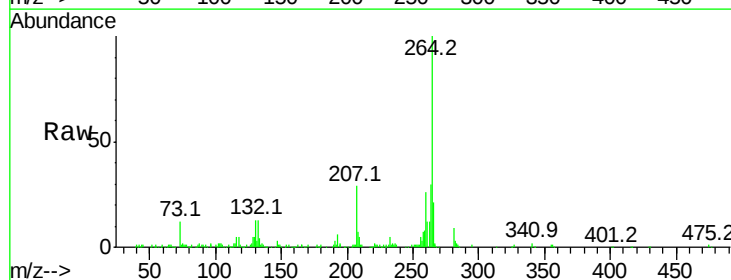
Tgt Ion:264 Resp: 286077

Ion Ratio Lower Upper

264 100

260 25.8 18.6 27.8

265 21.1 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

