

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120518\
 Data File : BM017934.D
 Acq On : 05 Dec 2018 10:48
 Operator : JU/SJ
 Sample : J6213-08RE
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 05 11:26:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

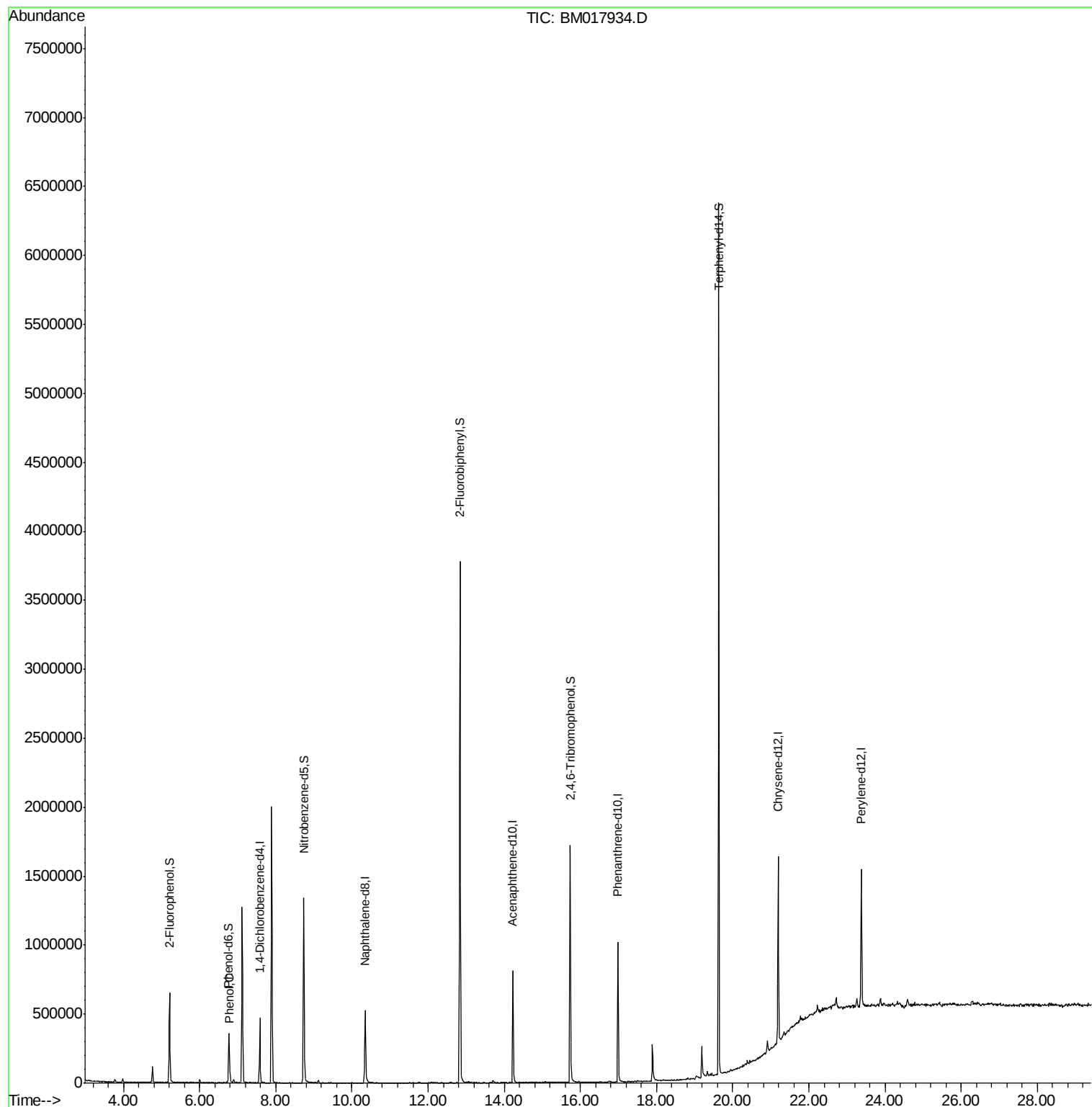
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	123574	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	492916	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	280036	20.00	ng	-0.04
64) Phenanthrene-d10	16.99	188	616365	20.00	ng	-0.03
76) Chrysene-d12	21.19	240	657175	20.00	ng	-0.02
87) Perylene-d12	23.38	264	703781	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	296171	40.45	ng	-0.03
7) Phenol-d6	6.77	99	229258	22.42	ng	-0.04
23) Nitrobenzene-d5	8.73	82	804140	84.22	ng	-0.04
42) 2,4,6-Tribromophenol	15.73	330	347627	86.39	ng	-0.03
45) 2-Fluorobiphenyl	12.84	172	2013237	93.27	ng	-0.04
79) Terphenyl-d14	19.63	244	2822541	97.34	ng	-0.02
Target Compounds						
10) Phenol	6.80	94	25297	2.357	ng	Qvalue 99

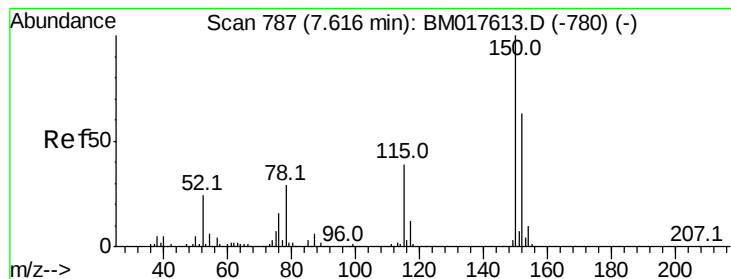
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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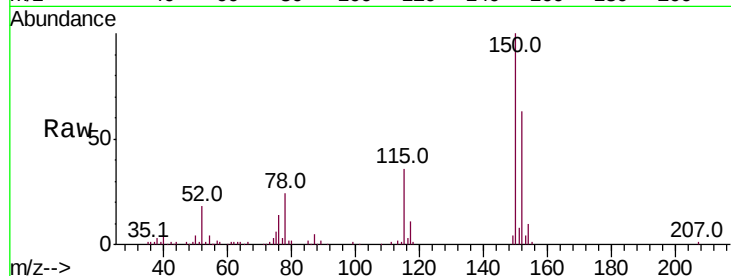


#1

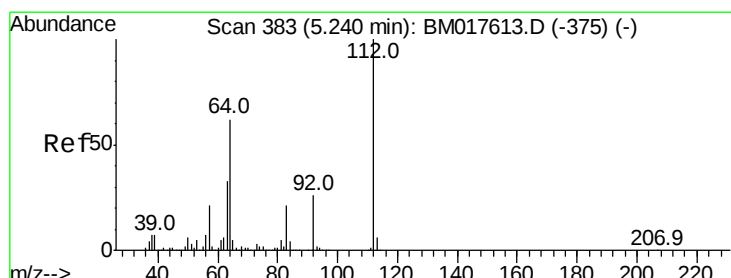
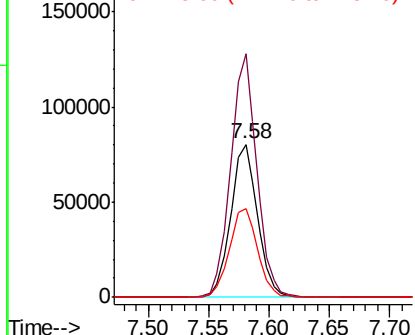
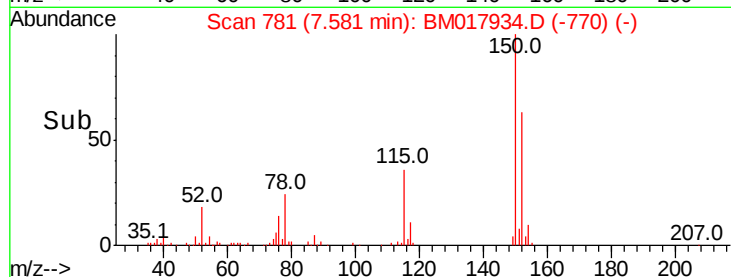
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM017934.D
Acq: 05 Dec 2018 10:48

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 123574
Ion Ratio Lower Upper
152 100
150 159.4 126.4 189.6
115 57.7 49.4 74.0



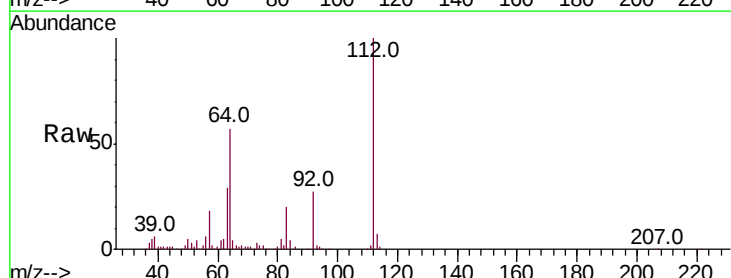
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



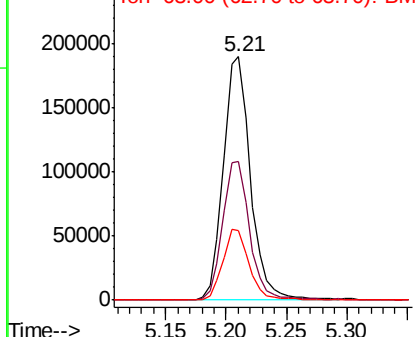
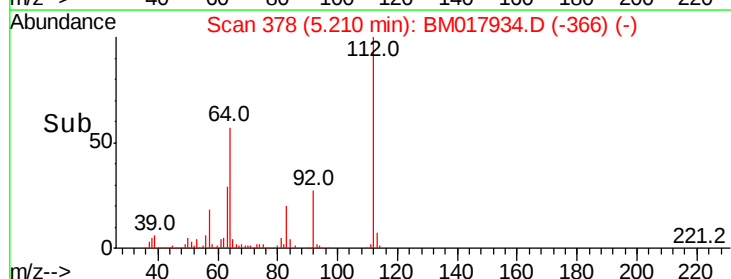
#5

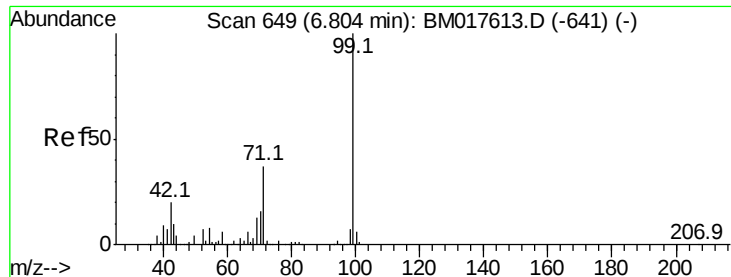
2-Fluorophenol
Concen: 40.448 ng
RT: 5.21 min Scan# 378
Delta R.T. -0.03 min
Lab File: BM017934.D
Acq: 05 Dec 2018 10:48

Tgt Ion:112 Resp: 296171
Ion Ratio Lower Upper
112 100
64 57.1 49.3 73.9
63 28.8 26.2 39.4



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: 22.418 ng

RT: 6.77 min Scan# 643

Delta R.T. -0.04 min

Lab File: BM017934.D

Acq: 05 Dec 2018 10:48

Instrument :

BNA_M

ClientSampleId :

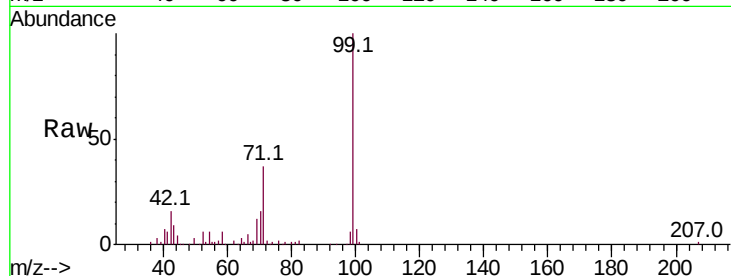
Tot Ion: 99 Resp: 229258

Ion Ratio Lower Upper

99 100

42 16.1 16.3 24.5#

71 37.5 29.8 44.8



Abundance Ion 99.00 (98.70 to 99.70): BM017613.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BM017613.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BM017613.D (-641) (-)

6.77

150000

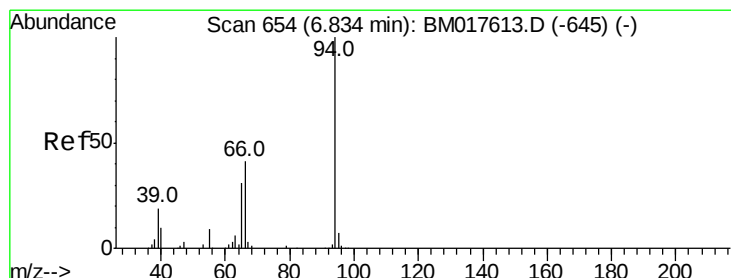
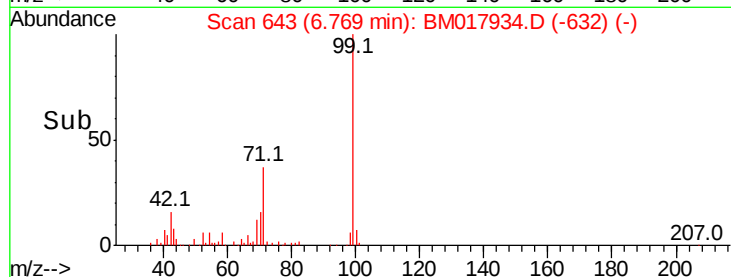
100000

50000

0

6.70 6.75 6.80 6.85

Time-->



#10

Phenol

Concen: 2.357 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.04 min

Lab File: BM017934.D

Acq: 05 Dec 2018 10:48

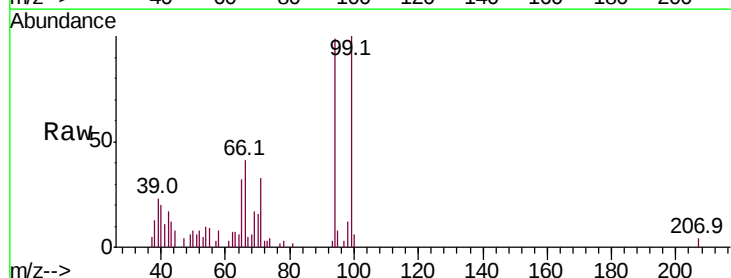
Tgt Ion: 94 Resp: 25297

Ion Ratio Lower Upper

94 100

65 32.1 11.4 51.4

66 41.2 21.4 61.4



Abundance Ion 94.00 (93.70 to 94.70): BM017613.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM017613.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM017613.D (-645) (-)

6.80

15000

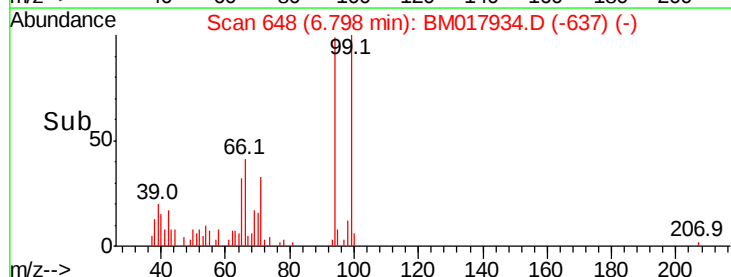
10000

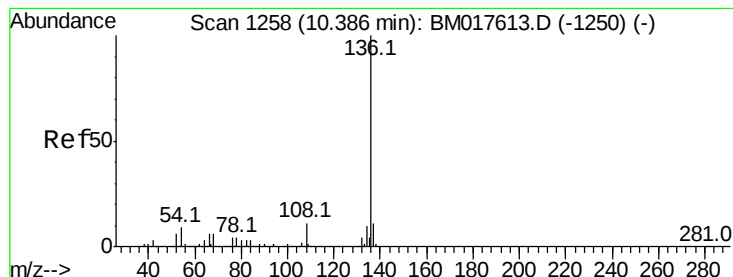
5000

0

6.75 6.80 6.85

Time-->





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1252

Delta R.T. -0.04 min

Lab File: BM017934.D

Acq: 05 Dec 2018 10:48

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 492916

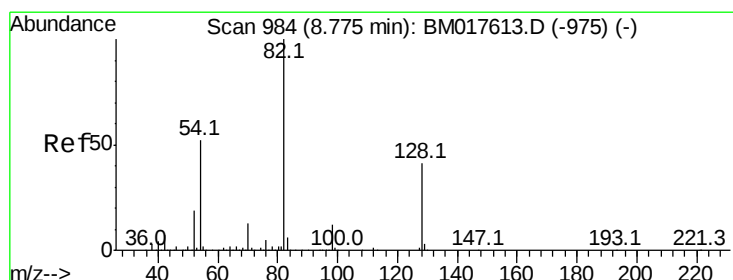
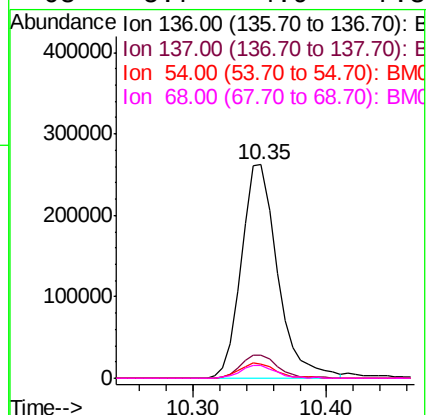
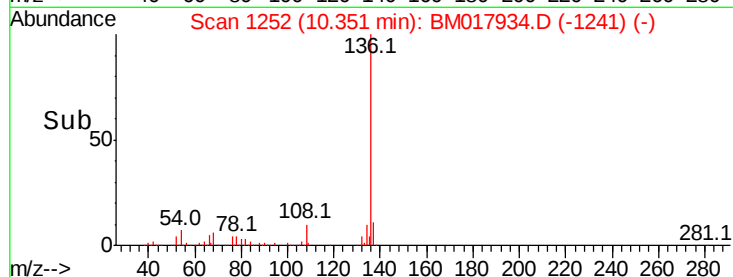
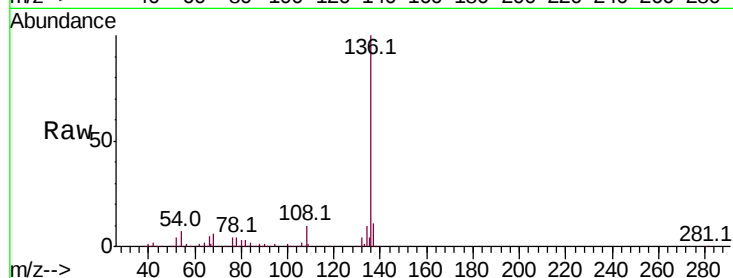
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 6.8 7.0 10.6#

68 5.7 4.9 7.3



#23

Nitrobenzene-d5

Concen: 84.221 ng

RT: 8.73 min Scan# 977

Delta R.T. -0.04 min

Lab File: BM017934.D

Acq: 05 Dec 2018 10:48

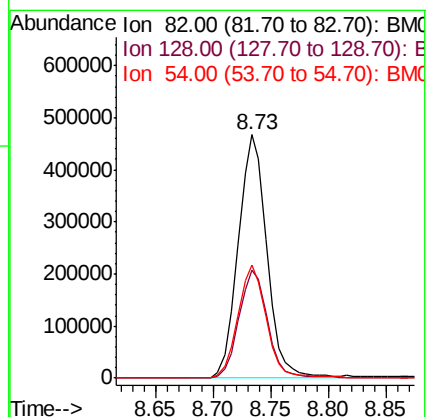
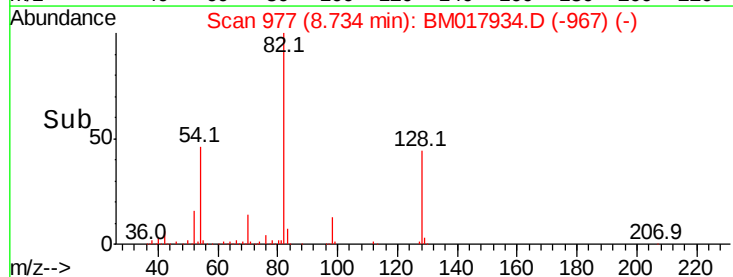
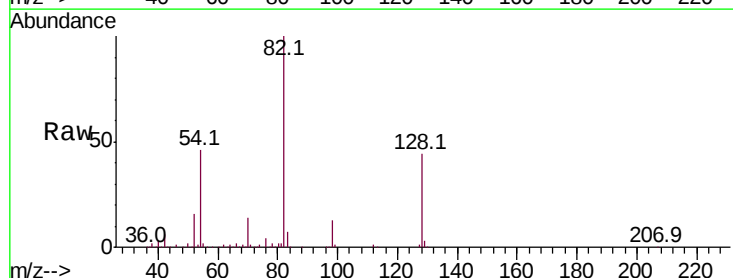
Tgt Ion: 82 Resp: 804140

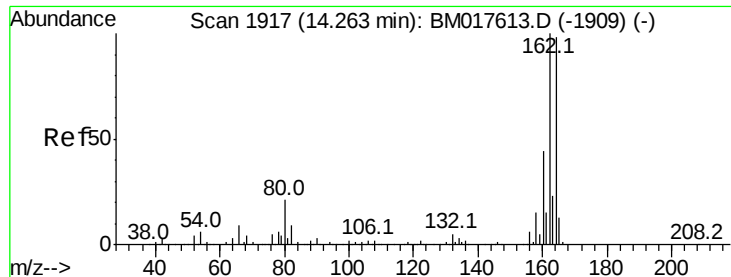
Ion Ratio Lower Upper

82 100

128 44.2 33.0 49.4

54 46.2 41.4 62.2

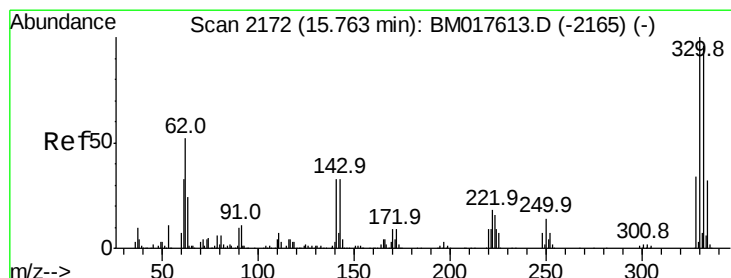
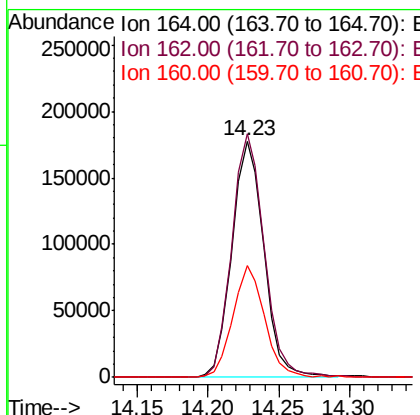
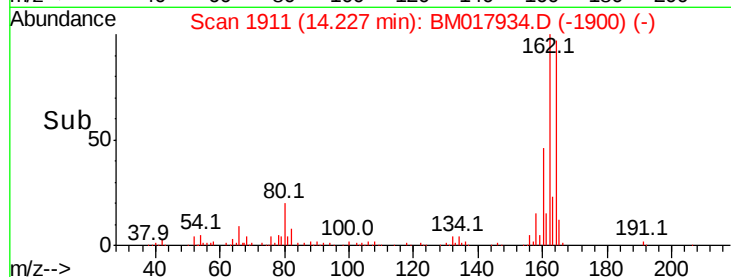
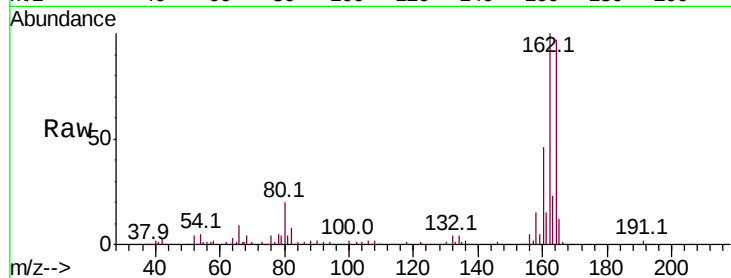




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.04 min
Lab File: BM017934.D
Acq: 05 Dec 2018 10:48

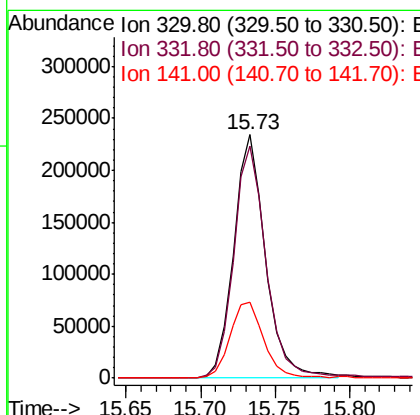
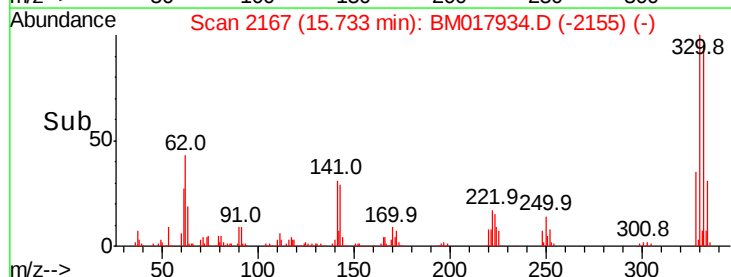
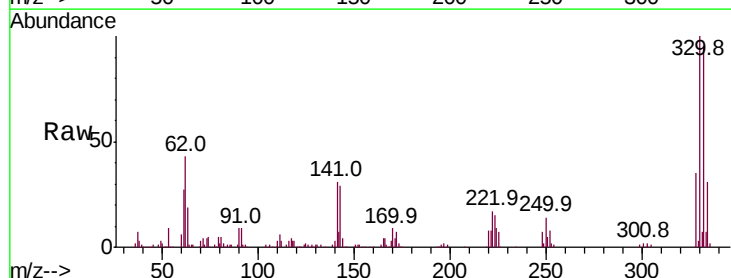
Instrument :
BNA_M
ClientSampled :

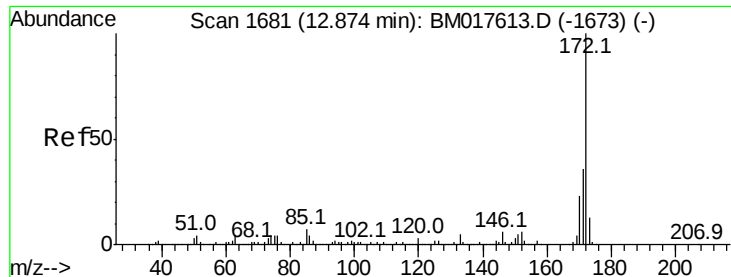
Tot Ion:164 Resp: 280036
Ion Ratio Lower Upper
164 100
162 102.9 81.4 122.0
160 47.0 35.6 53.4



#42
2,4,6-Tribromophenol
Concen: 86.394 ng
RT: 15.73 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BM017934.D
Acq: 05 Dec 2018 10:48

Tgt Ion:330 Resp: 347627
Ion Ratio Lower Upper
330 100
332 97.3 77.9 116.9
141 33.6 27.5 41.3

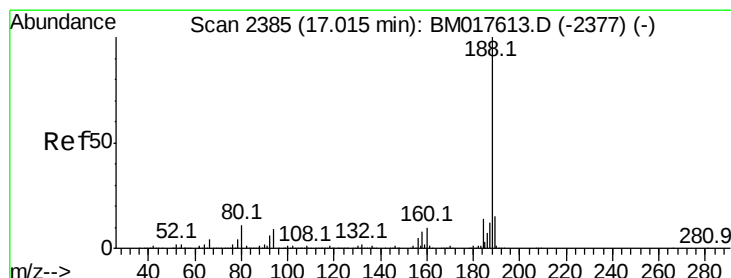
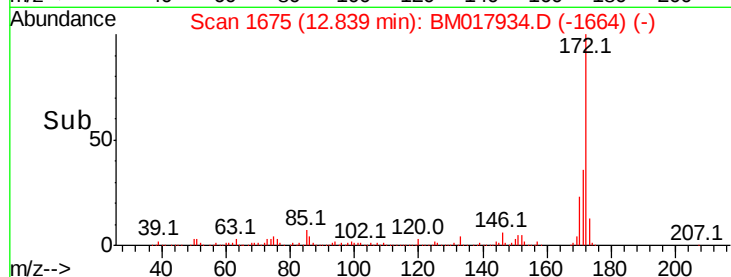
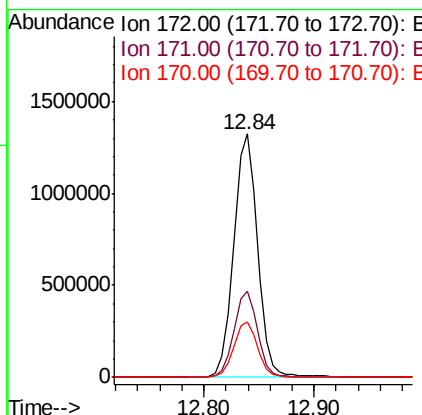
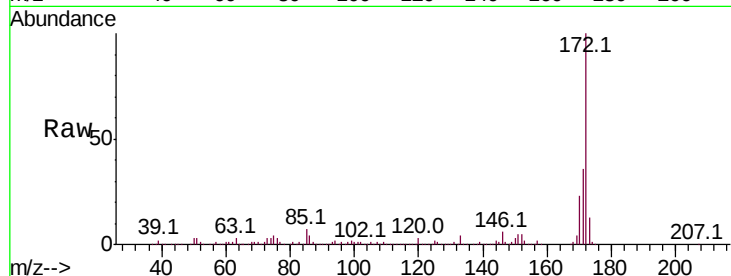




#45
2-Fluorobiphenyl
Concen: 93.268 ng
RT: 12.84 min Scan# 1675
Delta R.T. -0.04 min
Lab File: BM017934.D
Acq: 05 Dec 2018 10:48

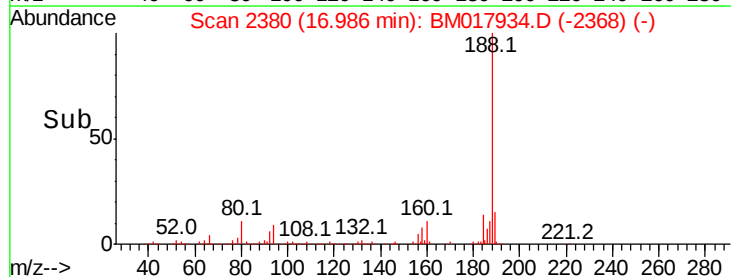
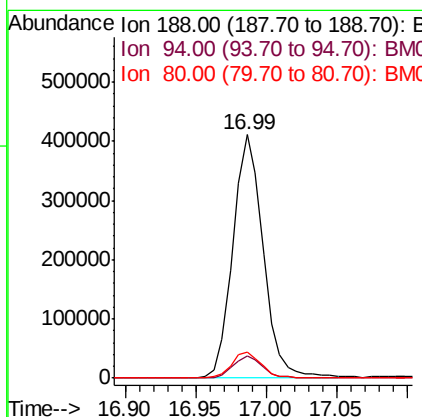
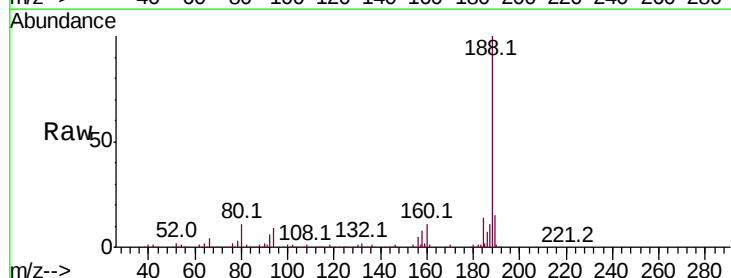
Instrument :
BNA_M
ClientSampleId :

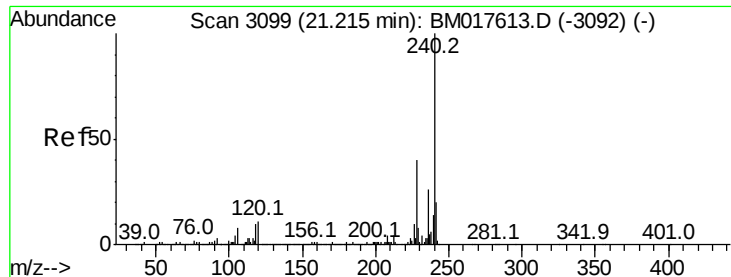
Tot Ion:172 Resp: 2013237
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 22.8 18.3 27.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM017934.D
Acq: 05 Dec 2018 10:48

Tgt Ion:188 Resp: 616365
Ion Ratio Lower Upper
188 100
94 9.4 7.5 11.3
80 10.6 8.6 13.0

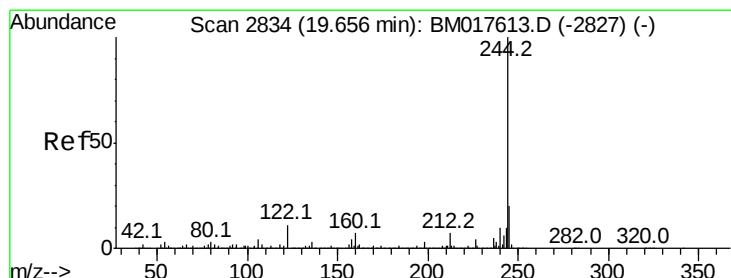
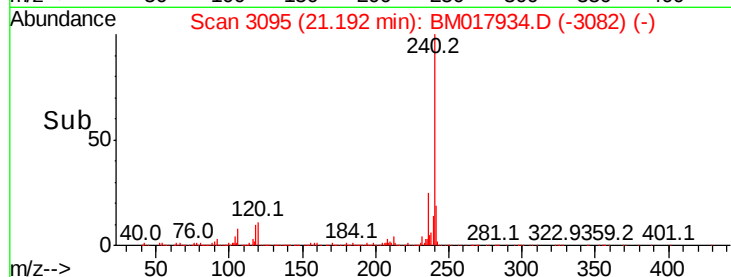
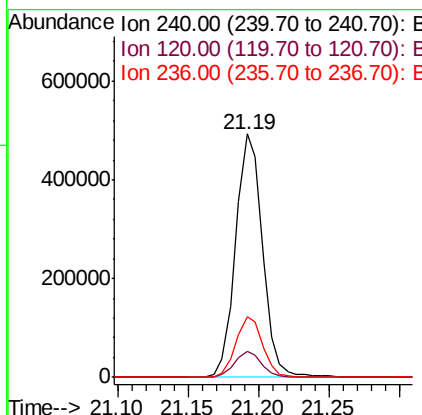
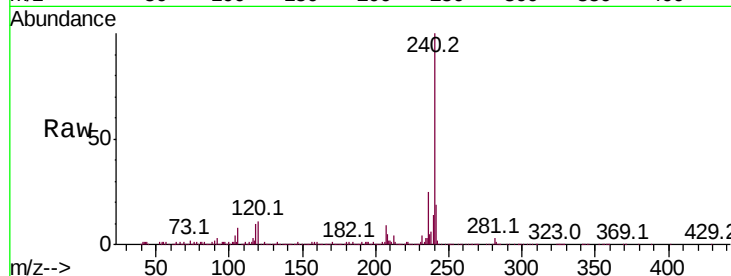




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.19 min Scan# 3095
 Delta R.T. -0.02 min
 Lab File: BM017934.D
 Acq: 05 Dec 2018 10:48

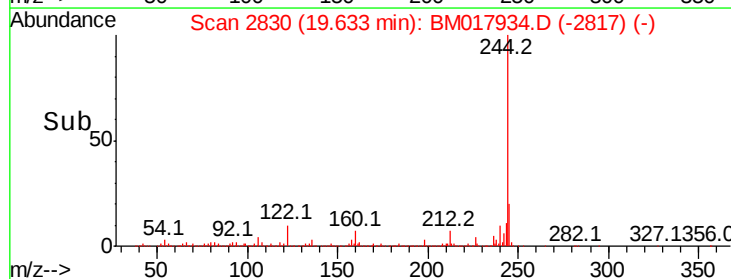
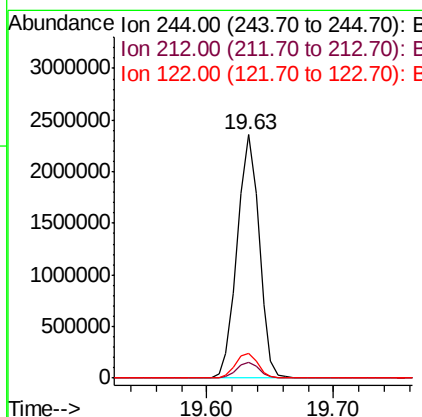
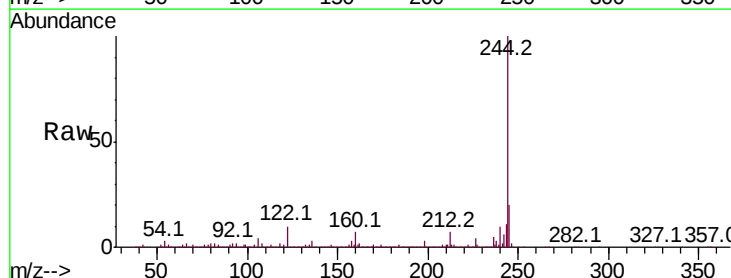
Instrument :
 BNA_M
 ClientSampleId :

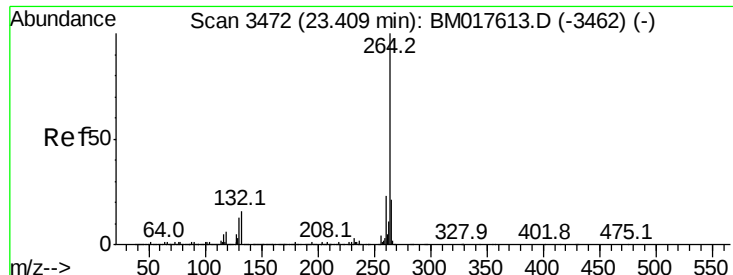
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.5	12.7
236	25.0	20.4	30.6



#79
 Terphenyl-d14
 Concen: 97.342 ng
 RT: 19.63 min Scan# 2830
 Delta R.T. -0.02 min
 Lab File: BM017934.D
 Acq: 05 Dec 2018 10:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	10.4	9.0	13.6

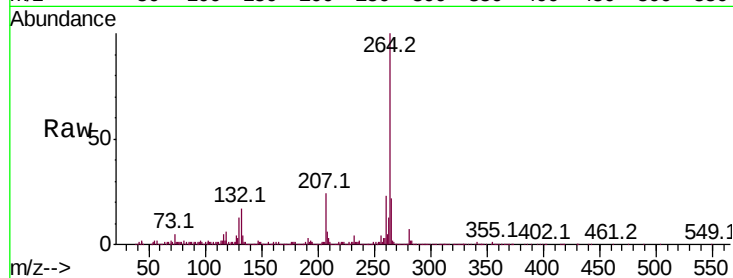




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.38 min Scan# 3467
 Delta R.T. -0.03 min
 Lab File: BM017934.D
 Acq: 05 Dec 2018 10:48

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.2
265	22.0	17.5	26.3



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

