

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111618\
 Data File : BM017674.D
 Acq On : 16 Nov 2018 11:18
 Operator : MJ/SJ
 Sample : PB114851BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114851BL

Quant Time: Nov 16 13:33:40 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	7.61	152	193033	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	740408	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	420155	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	947369	20.00	ng	0.00
76) Chrysene-d12	21.22	240	897558	20.00	ng	0.00
87) Perylene-d12	23.41	264	743317	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.24	112	1553438	135.81	ng	0.00
7) Phenol-d6	6.80	99	2042244	127.84	ng	0.00
23) Nitrobenzene-d5	8.76	82	1246068	86.88	ng	-0.01
42) 2,4,6-Tribromophenol	15.76	330	738837	122.38	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	2810458	86.78	ng	0.00
79) Terphenyl-d14	19.65	244	4237578	107.00	ng	0.00

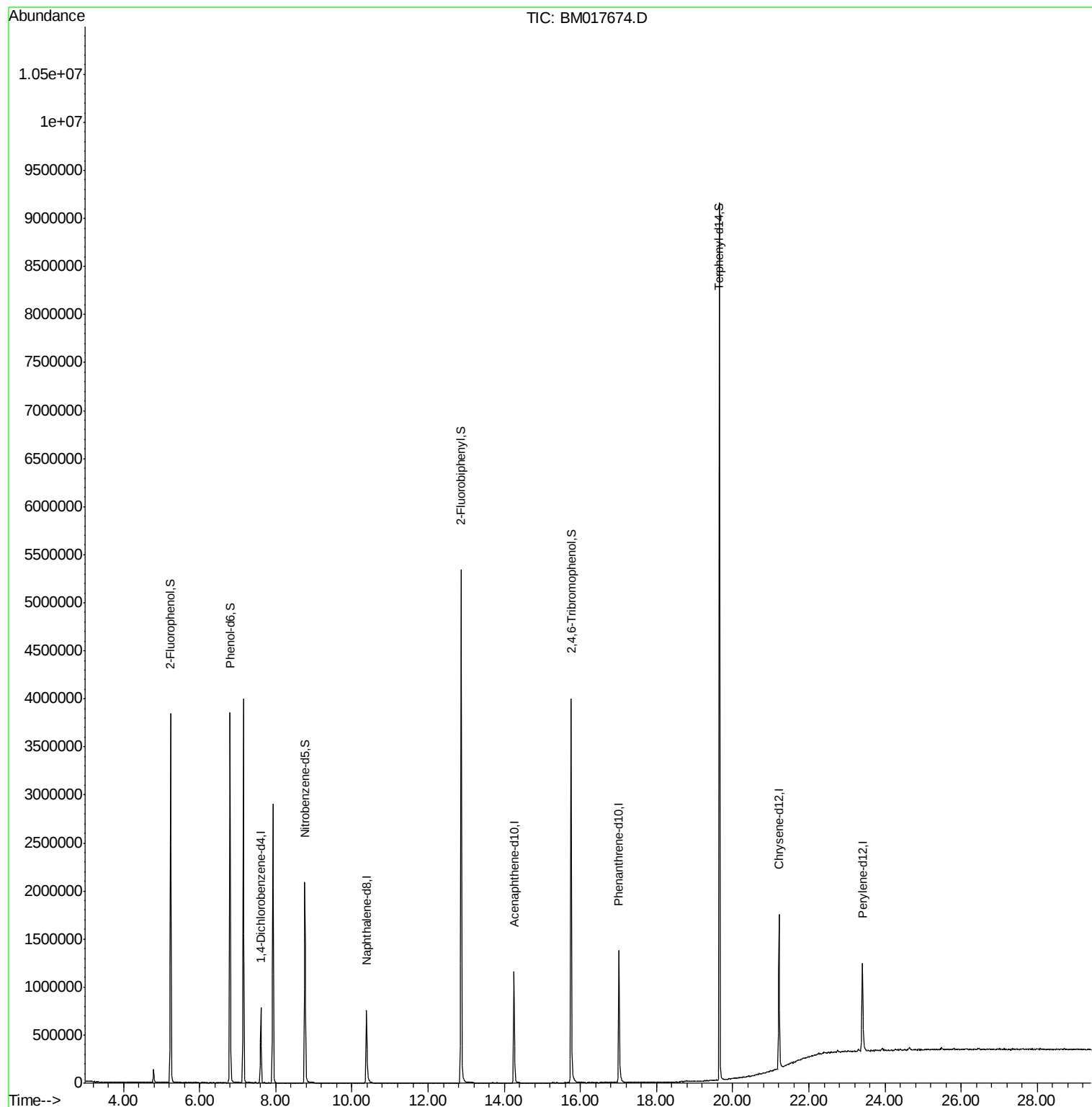
Target Compounds	Qvalue
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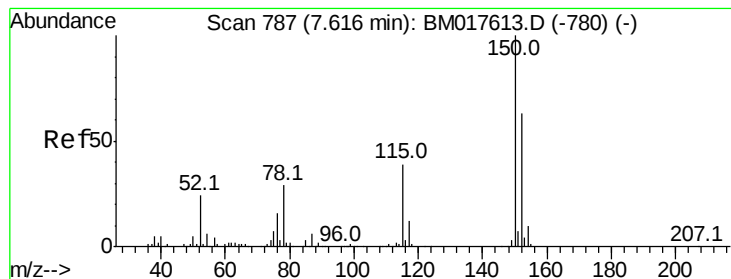
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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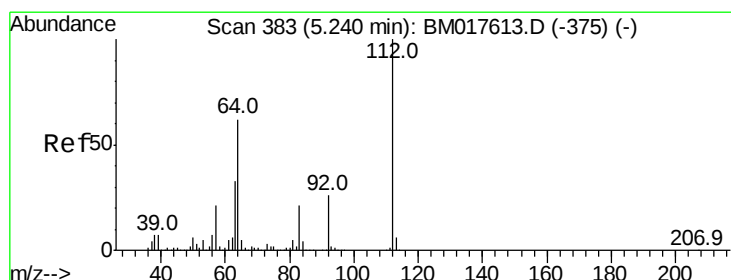
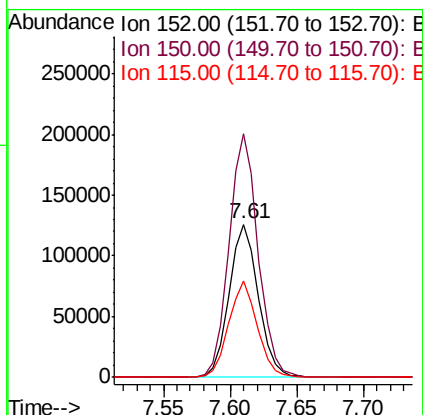
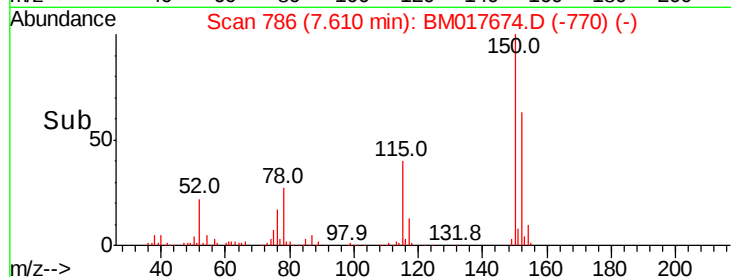
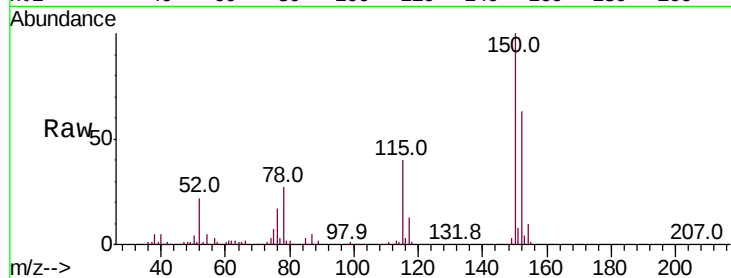


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM017674.D
Acq: 16 Nov 2018 11:18

Instrument :
BNA_M
ClientSampleId :
PB114851BL

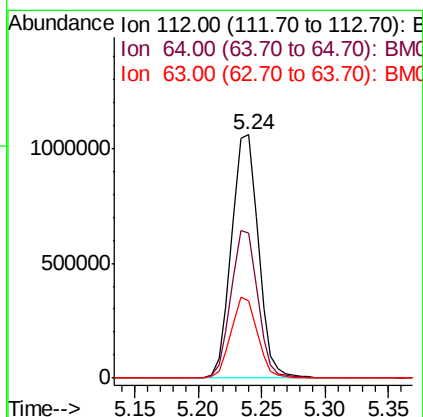
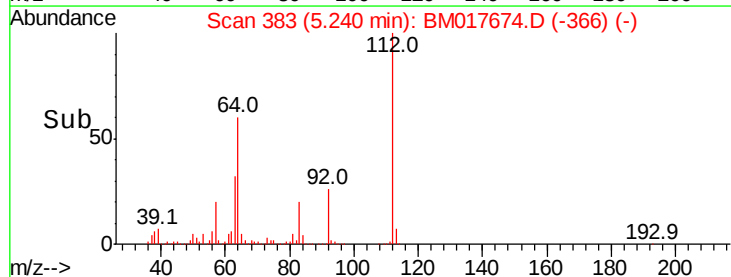
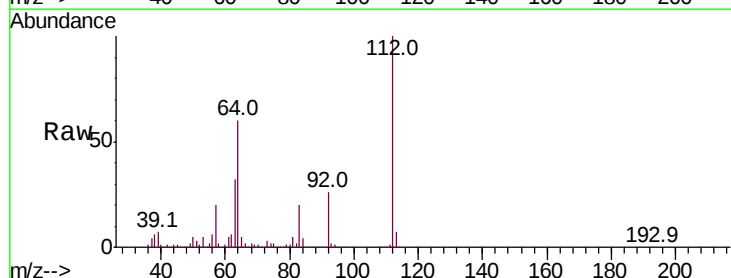
Tot Ion:152 Resp: 193033
Ion Ratio Lower Upper
152 100
150 159.2 126.4 189.6
115 63.0 49.4 74.0

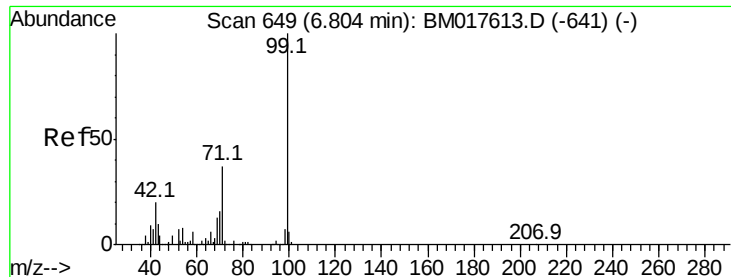


#5

2-Fluorophenol
Concen: 135.814 ng
RT: 5.24 min Scan# 383
Delta R.T. 0.00 min
Lab File: BM017674.D
Acq: 16 Nov 2018 11:18

Tgt Ion:112 Resp: 1553438
Ion Ratio Lower Upper
112 100
64 59.5 49.3 73.9
63 31.7 26.2 39.4





#7

Phenol-d6

Concen: 127.842 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM017674.D

Acq: 16 Nov 2018 11:18

Instrument :

BNA_M

ClientSampleId :

PB114851BL

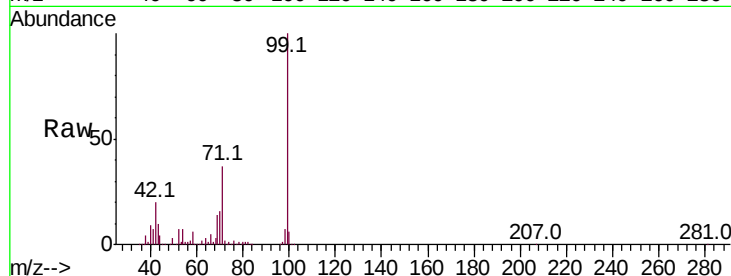
Tot Ion: 99 Resp: 2042244

Ion Ratio Lower Upper

99 100

42 20.4 16.3 24.5

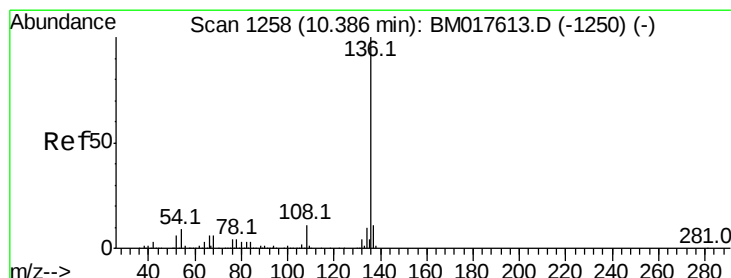
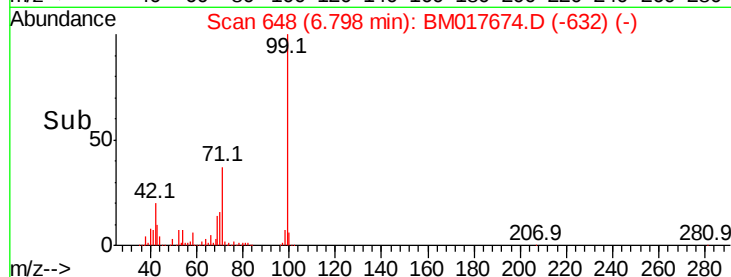
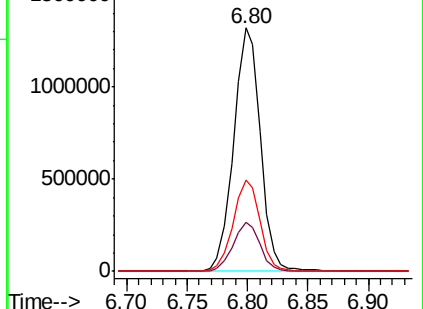
71 37.3 29.8 44.8



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.38 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BM017674.D

Acq: 16 Nov 2018 11:18

Tgt Ion: 136 Resp: 740408

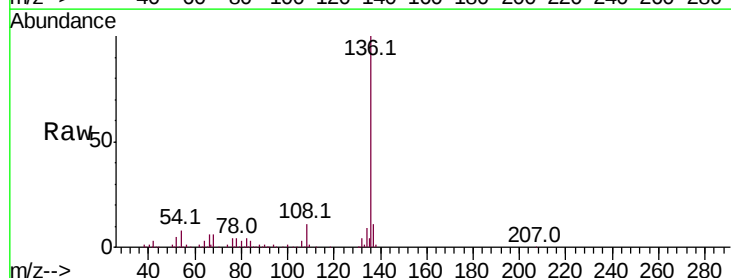
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 8.4 7.0 10.6

68 5.6 4.9 7.3

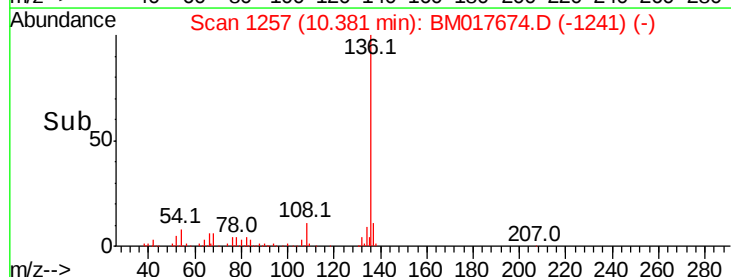
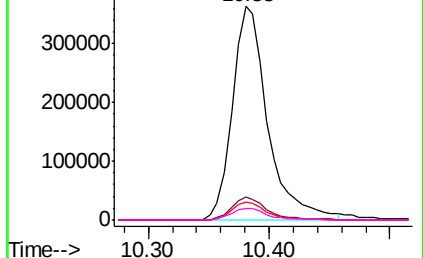


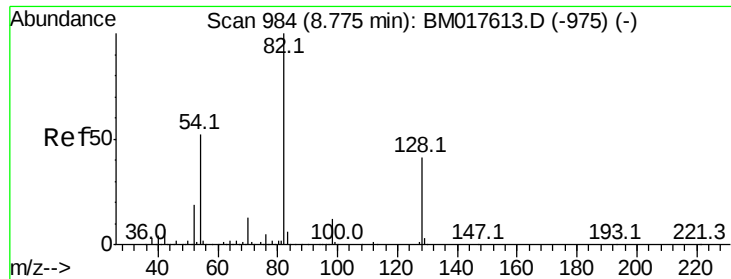
Abundance Ion 136.00 (135.70 to 136.70): BM017613.D (-1250) (-)

Ion 137.00 (136.70 to 137.70): BM017613.D (-1250) (-)

Ion 54.00 (53.70 to 54.70): BM017613.D (-1250) (-)

Ion 68.00 (67.70 to 68.70): BM017613.D (-1250) (-)



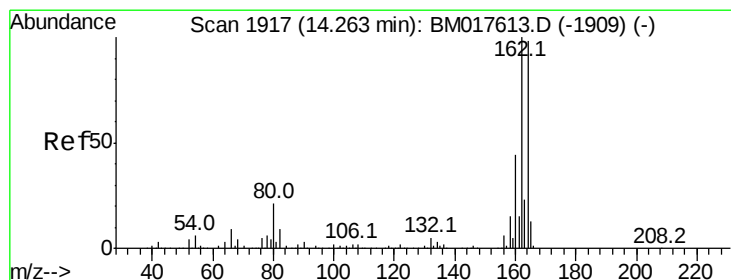
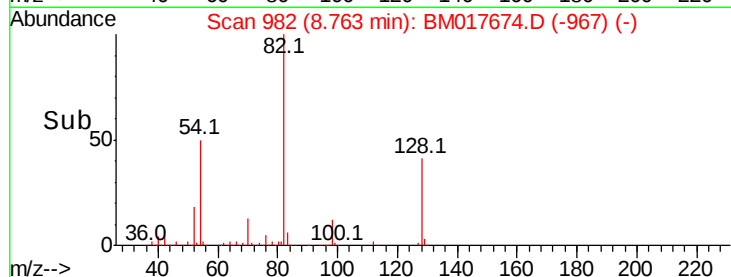
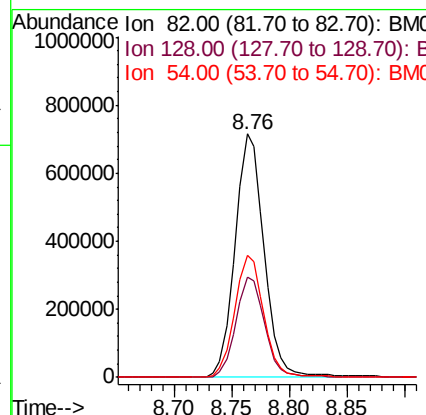
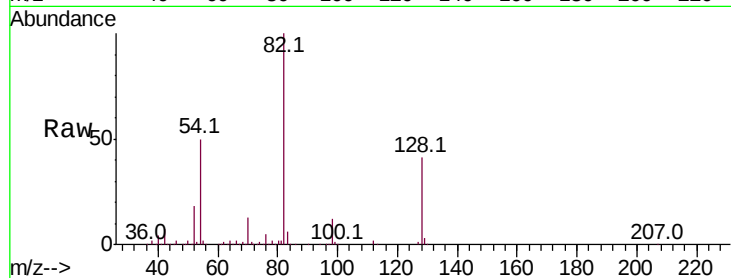


#23
 Nitrobenzene-d5
 Concen: 86.883 ng
 RT: 8.76 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BM017674.D
 Acq: 16 Nov 2018 11:18

Instrument :
 BNA_M
 ClientSampleId :
 PB114851BL

Tot Ion: 82 Resp: 1246068

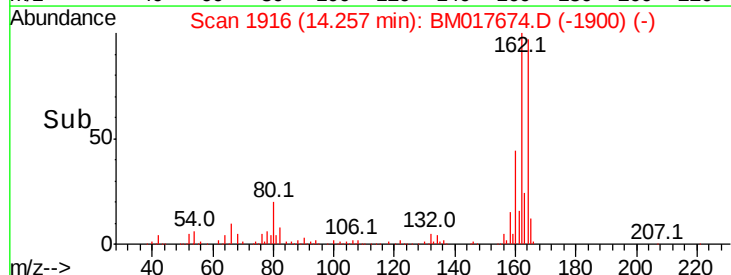
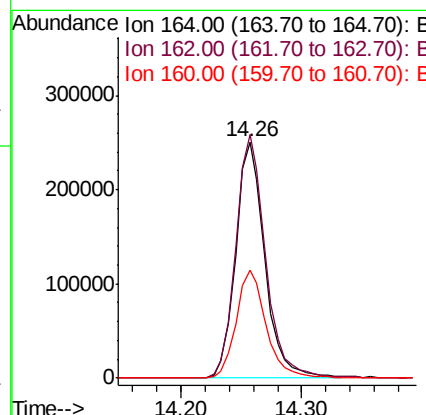
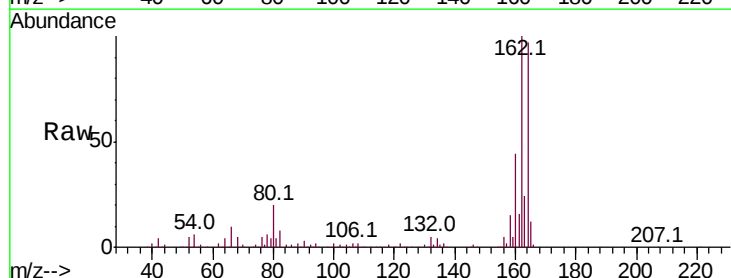
Ion	Ratio	Lower	Upper
82	100		
128	41.1	33.0	49.4
54	50.2	41.4	62.2

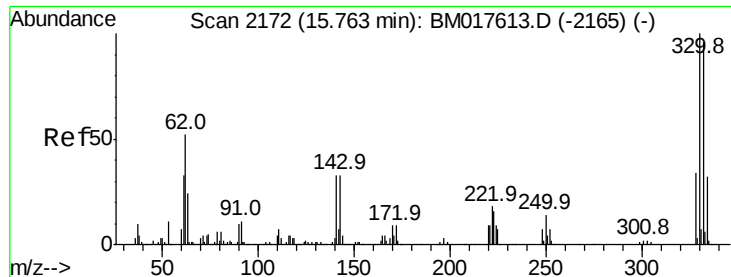


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.26 min Scan# 1916
 Delta R.T. -0.01 min
 Lab File: BM017674.D
 Acq: 16 Nov 2018 11:18

Tgt Ion:164 Resp: 420155

Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.4	122.0
160	45.7	35.6	53.4

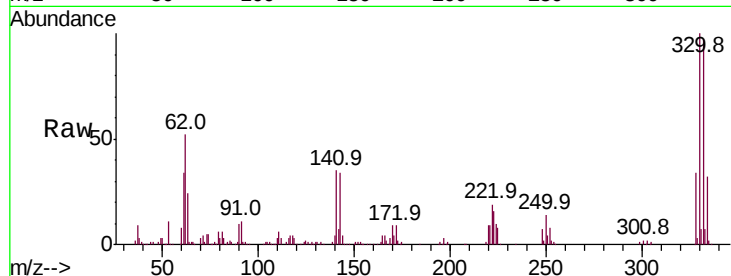




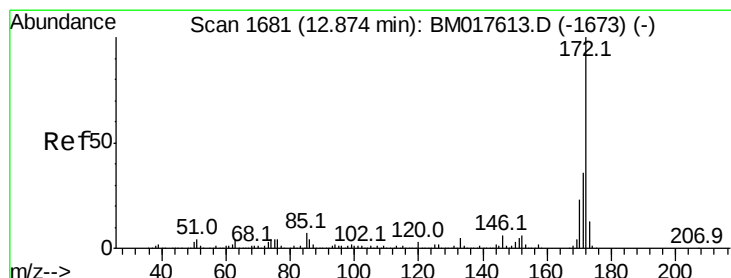
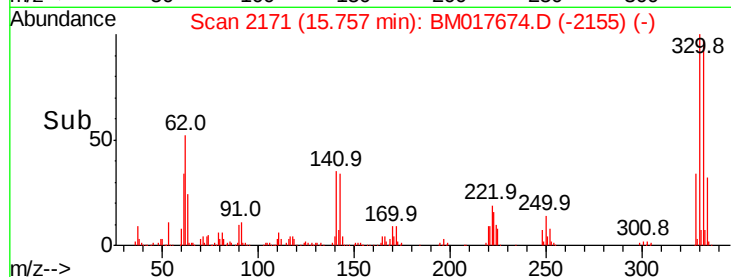
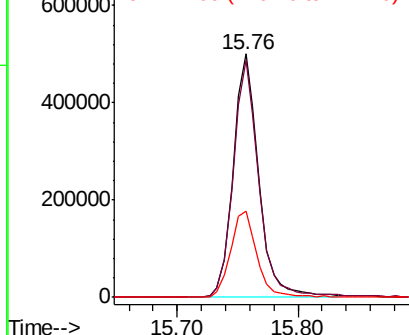
#42
 2,4,6-Tribromophenol
 Concen: 122.384 ng
 RT: 15.76 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BM017674.D
 Acq: 16 Nov 2018 11:18

Instrument :
 BNA_M
 ClientSampleId :
 PB114851BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.9	116.9
141	36.5	27.5	41.3

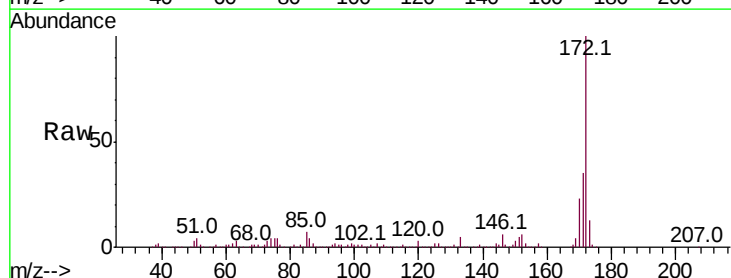


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

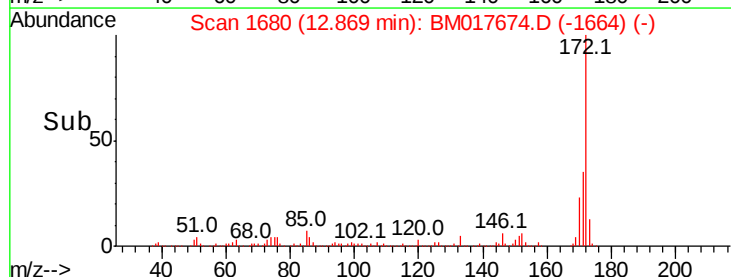
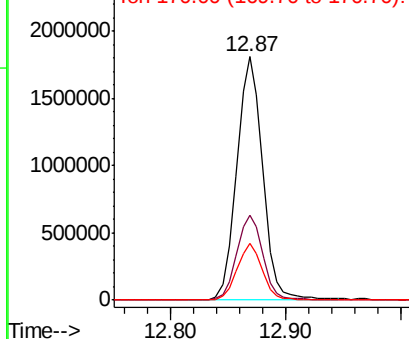


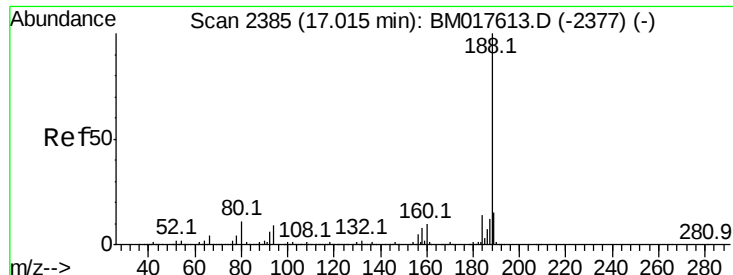
#45
 2-Fluorobiphenyl
 Concen: 86.780 ng
 RT: 12.87 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BM017674.D
 Acq: 16 Nov 2018 11:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.7	43.1
170	23.2	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

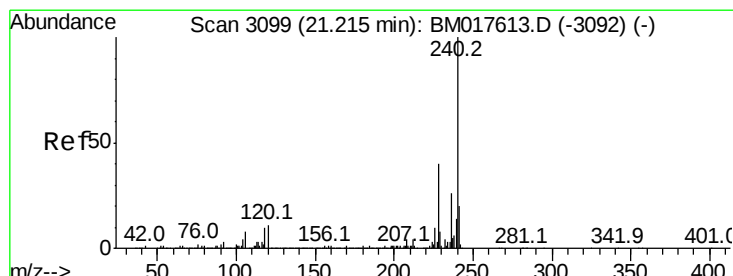
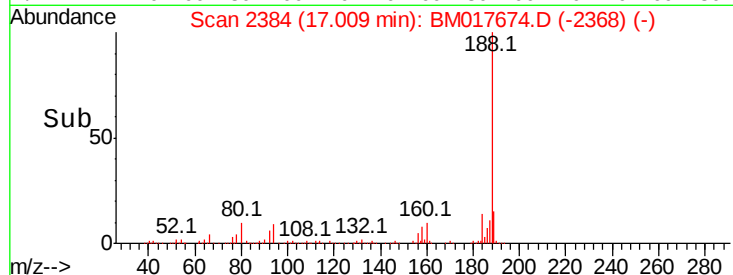
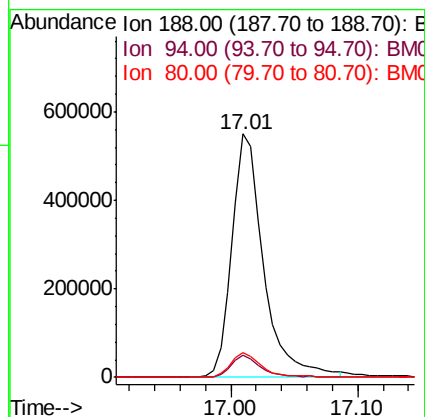
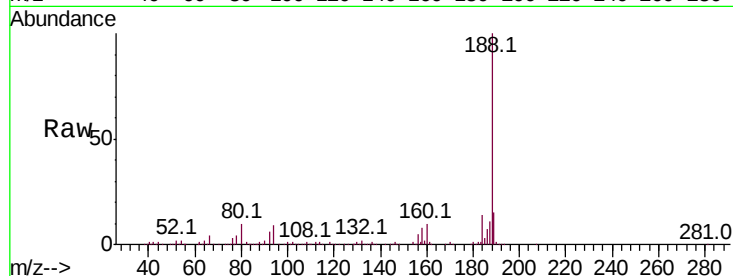




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM017674.D
Acq: 16 Nov 2018 11:18

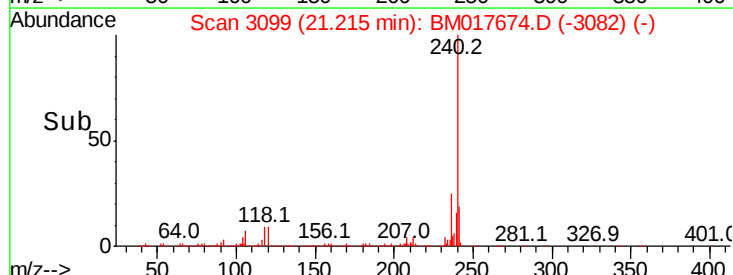
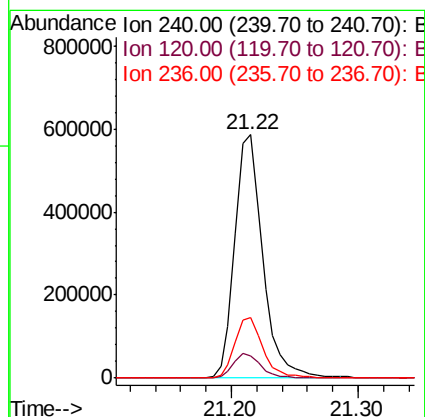
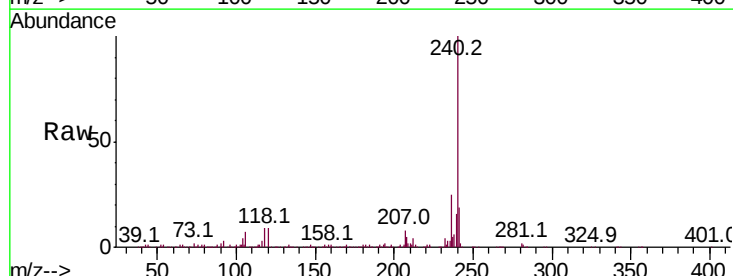
Instrument :
BNA_M
ClientSampleId :
PB114851BL

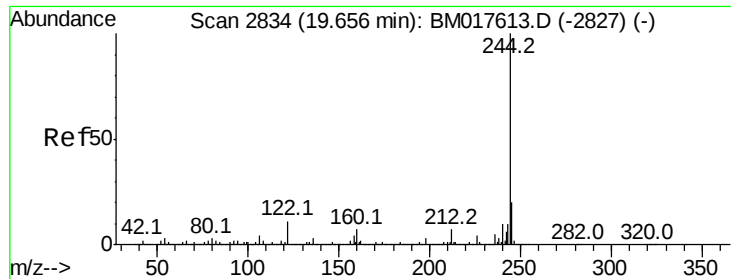
Tot Ion:188 Resp: 947369
Ion Ratio Lower Upper
188 100
94 9.2 7.5 11.3
80 10.3 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.22 min Scan# 3099
Delta R.T. -0.00 min
Lab File: BM017674.D
Acq: 16 Nov 2018 11:18

Tgt Ion:240 Resp: 897558
Ion Ratio Lower Upper
240 100
120 9.0 8.5 12.7
236 24.7 20.4 30.6





#79

Terphenyl-d14

Concen: 107.003 ng

RT: 19.65 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BM017674.D

Acq: 16 Nov 2018 11:18

Instrument :

BNA_M

ClientSampleId :

PB114851BL

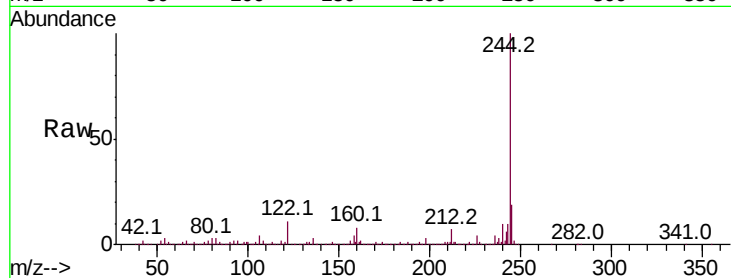
Tot Ion:244 Resp: 4237578

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

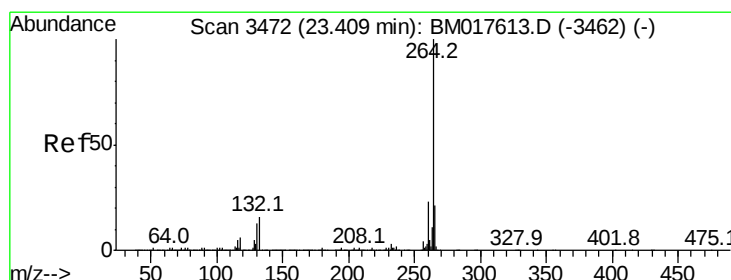
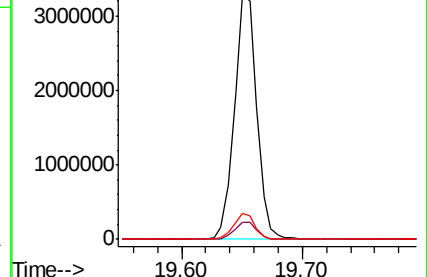
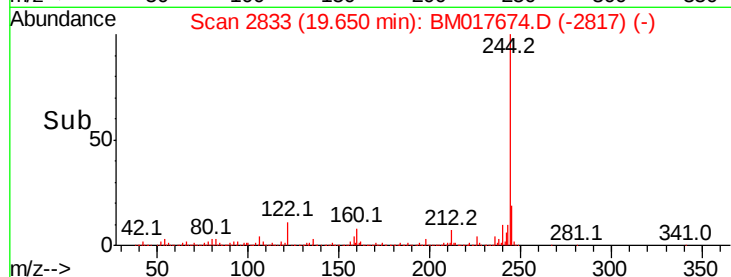
122 10.9 9.0 13.6



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.41 min Scan# 3472

Delta R.T. -0.00 min

Lab File: BM017674.D

Acq: 16 Nov 2018 11:18

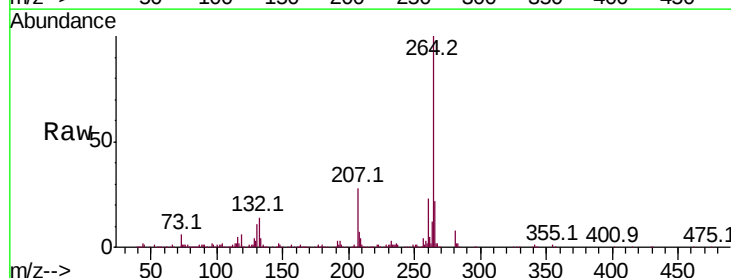
Tgt Ion:264 Resp: 743317

Ion Ratio Lower Upper

264 100

260 22.8 18.2 27.2

265 22.2 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

