

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120618\
 Data File : BM017942.D
 Acq On : 05 Dec 2018 19:26
 Operator : JU/SJ
 Sample : J6202-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SAMPLE-1

Quant Time: Dec 06 00:18:37 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	7.57	152	137914	20.00	ng	-0.05
21) Naphthalene-d8	10.33	136	511129	20.00	ng	-0.05
39) Acenaphthene-d10	14.22	164	264993	20.00	ng	-0.05
64) Phenanthrene-d10	16.97	188	560715	20.00	ng	-0.04
76) Chrysene-d12	21.18	240	601520	20.00	ng	-0.04
87) Perylene-d12	23.36	264	637391	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	741858	90.78	ng	-0.04
7) Phenol-d6	6.76	99	803795	70.43	ng	-0.05
23) Nitrobenzene-d5	8.72	82	700305	70.73	ng	-0.05
42) 2,4,6-Tribromophenol	15.72	330	405981	106.62	ng	-0.04
45) 2-Fluorobiphenyl	12.83	172	1531327	74.97	ng	-0.05
79) Terphenyl-d14	19.62	244	2208463	83.21	ng	-0.04

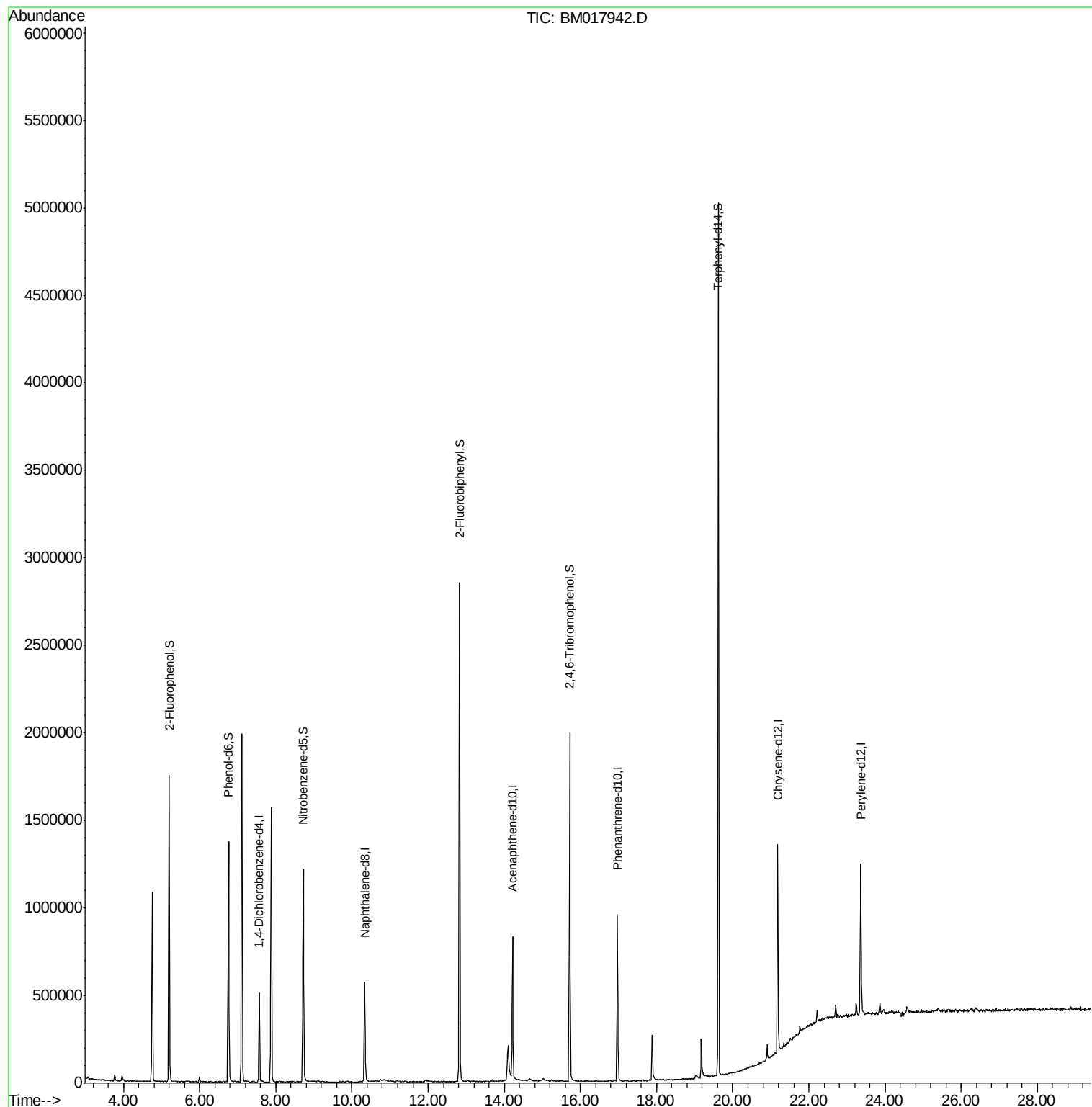
Target Compounds Qvalue

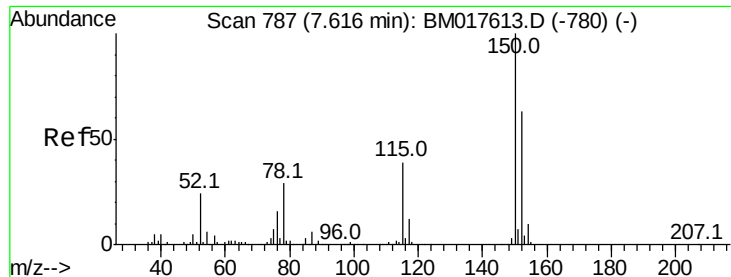
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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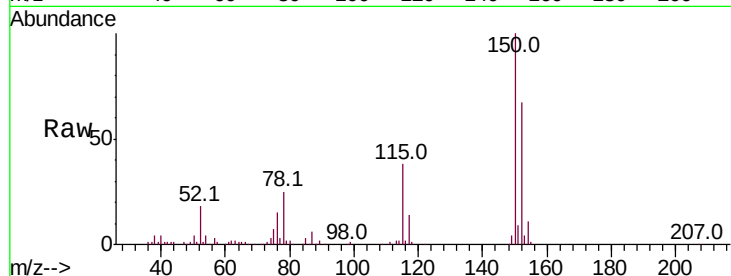


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 779
Delta R.T. -0.05 min
Lab File: BM017942.D
Acq: 05 Dec 2018 19:26

Instrument :
BNA_M
ClientSampleId :
SAMPLE-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.2	126.4	189.6
115	56.6	49.4	74.0

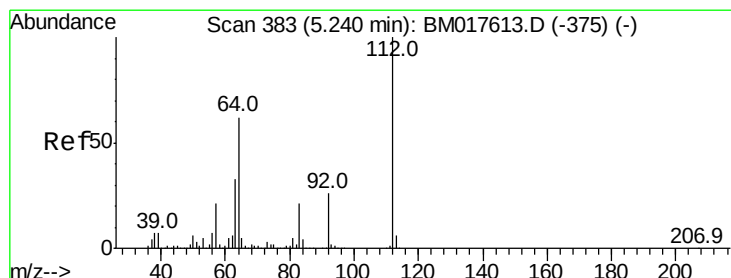
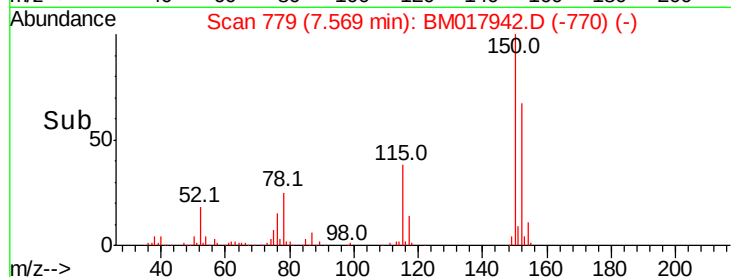
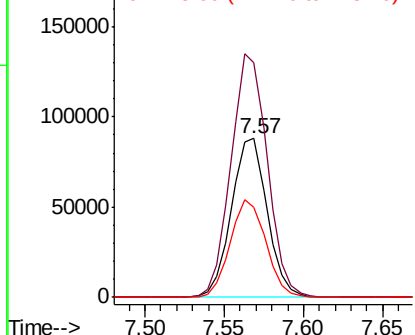


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

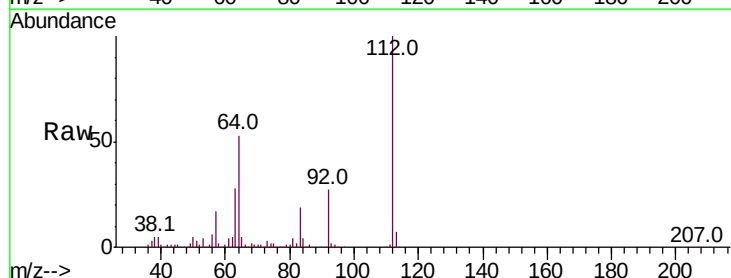
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 90.781 ng
RT: 5.20 min Scan# 376
Delta R.T. -0.04 min
Lab File: BM017942.D
Acq: 05 Dec 2018 19:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.1	49.3	73.9
63	28.1	26.2	39.4

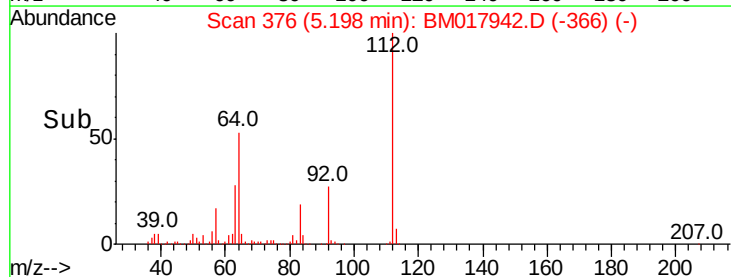
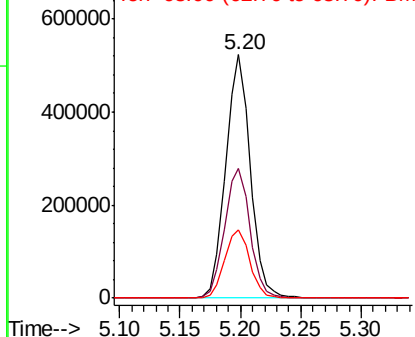


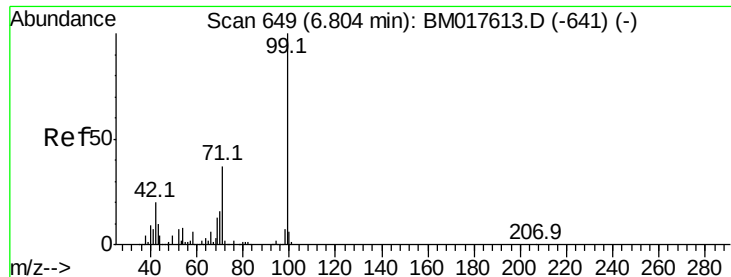
Abundance

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: 70.426 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.05 min

Lab File: BM017942.D

Acq: 05 Dec 2018 19:26

Instrument :

BNA_M

ClientSampleId :

SAMPLE-1

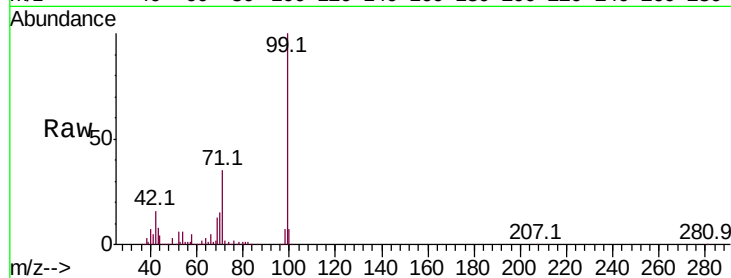
Tot Ion: 99 Resp: 803795

Ion Ratio Lower Upper

99 100

42 16.4 16.3 24.5

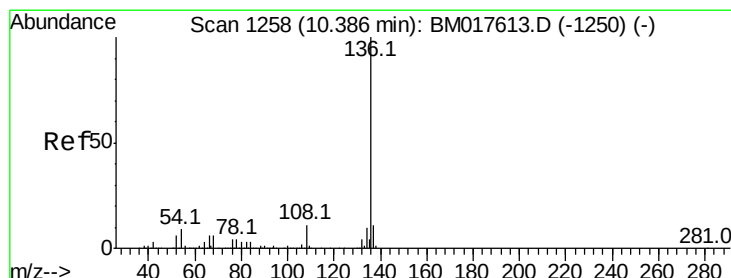
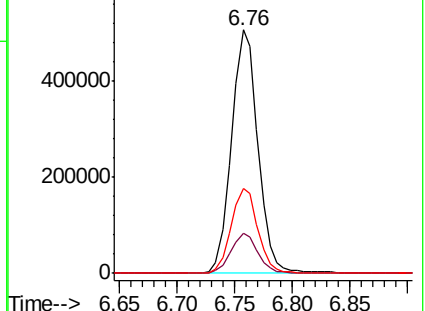
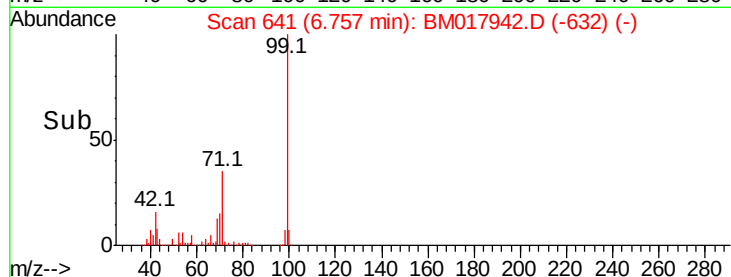
71 35.1 29.8 44.8



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: 10.33 min Scan# 1249

Delta R.T. -0.05 min

Lab File: BM017942.D

Acq: 05 Dec 2018 19:26

Tgt Ion: 136 Resp: 511129

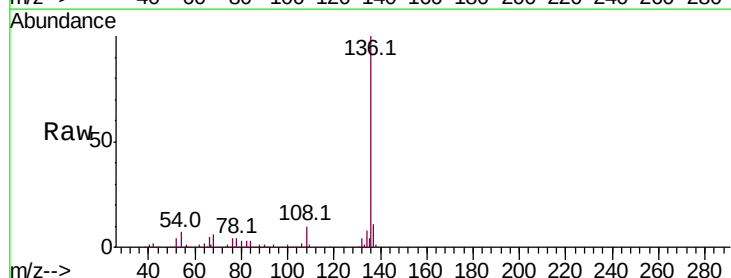
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 7.0 7.0 10.6#

68 5.8 4.9 7.3

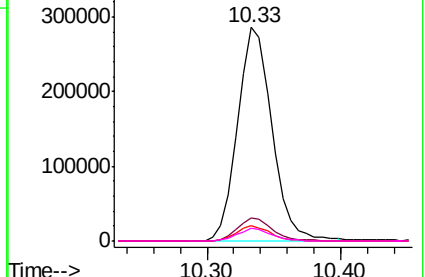
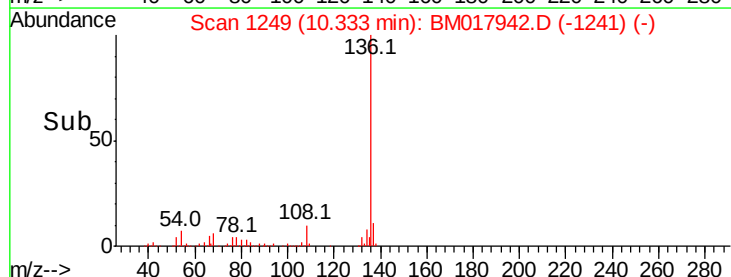


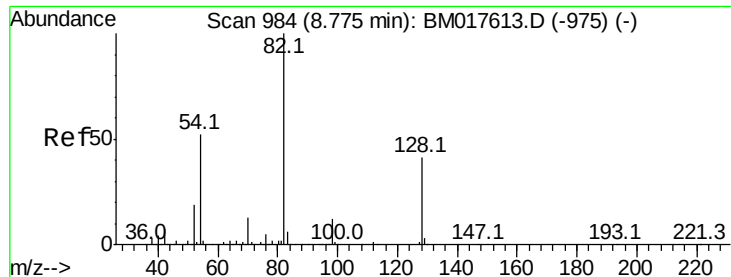
Abundance Ion 136.00 (135.70 to 136.70): BM017613.D (-1250) (-)

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) (-)

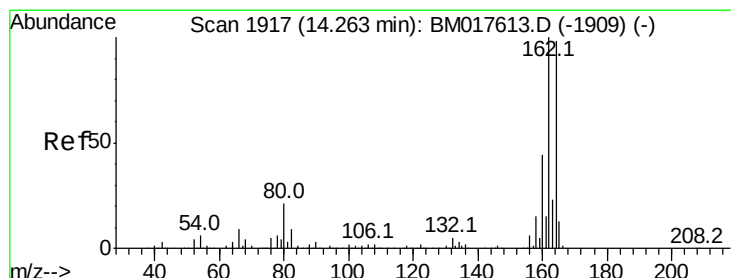
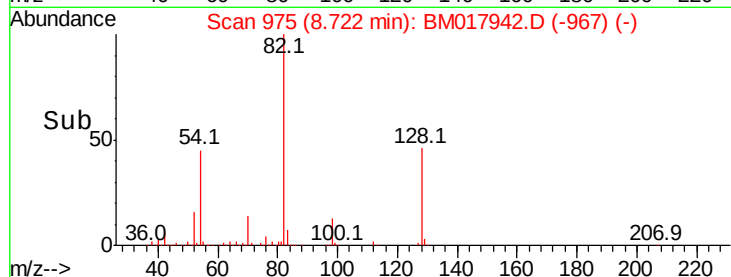
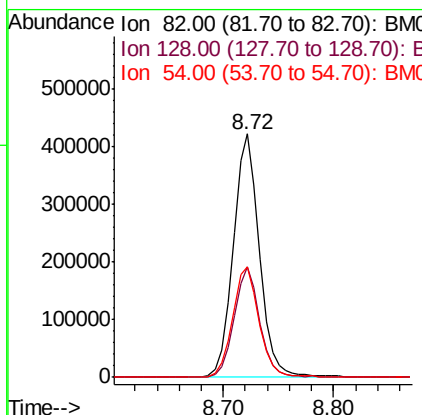
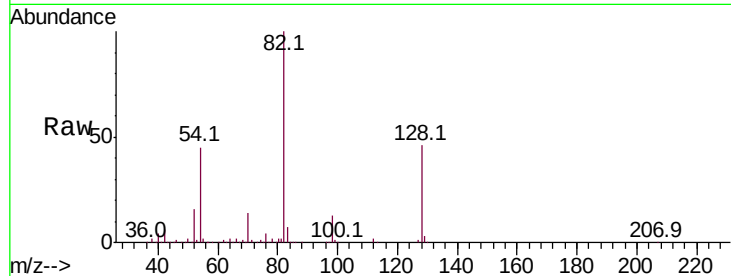




#23
Nitrobenzene-d5
Concen: 70.733 ng
RT: 8.72 min Scan# 975
Delta R.T. -0.05 min
Lab File: BM017942.D
Acq: 05 Dec 2018 19:26

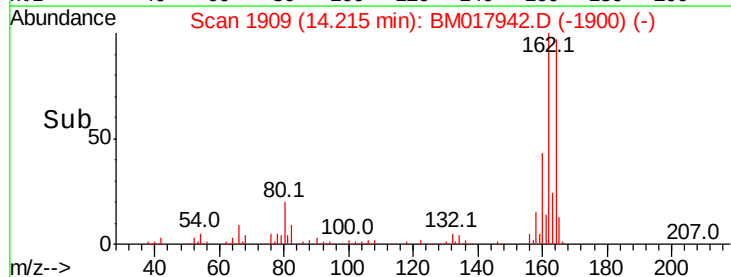
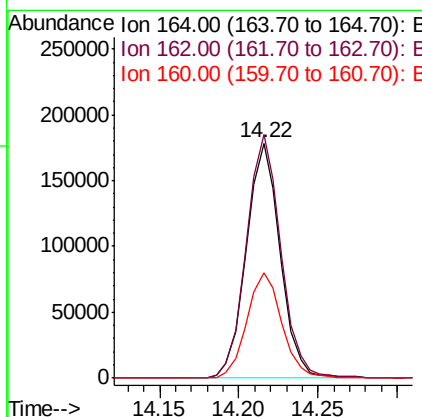
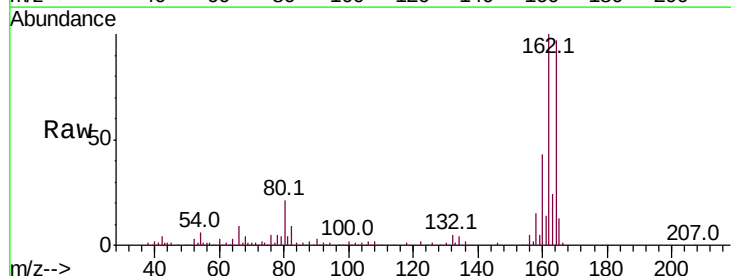
Instrument :
BNA_M
ClientSampled :
SAMPLE-1

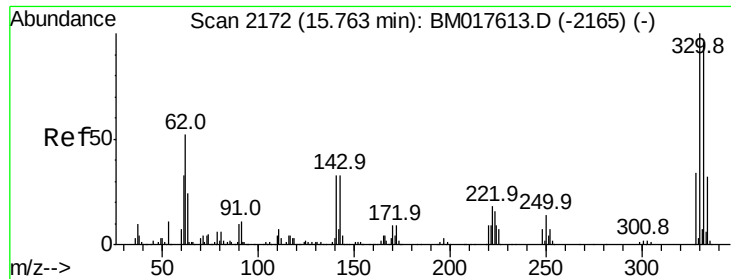
Tot Ion	82	Resp	700305
Ion	Ratio	Lower	Upper
82	100		
128	45.6	33.0	49.4
54	45.3	41.4	62.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1909
Delta R.T. -0.05 min
Lab File: BM017942.D
Acq: 05 Dec 2018 19:26

Tgt Ion	164	Resp	264993
Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.4	122.0
160	45.0	35.6	53.4

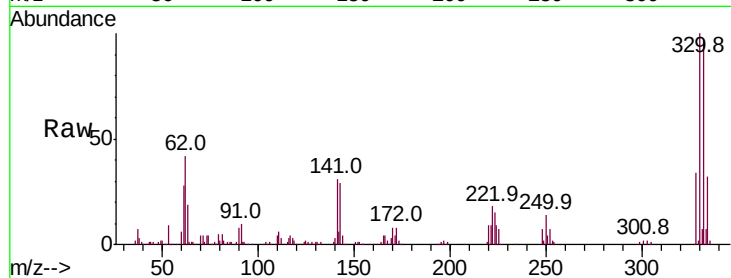




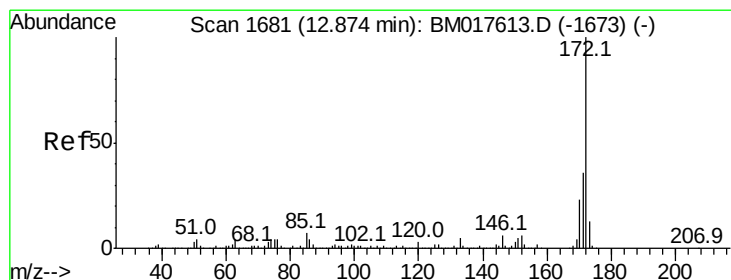
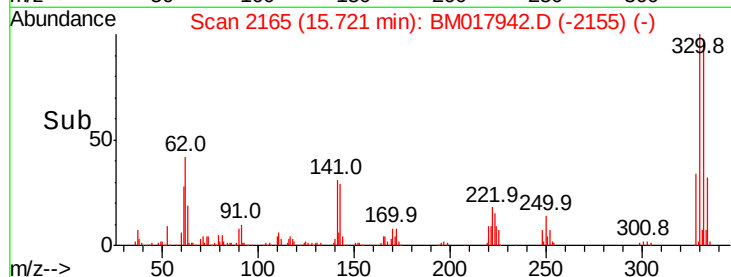
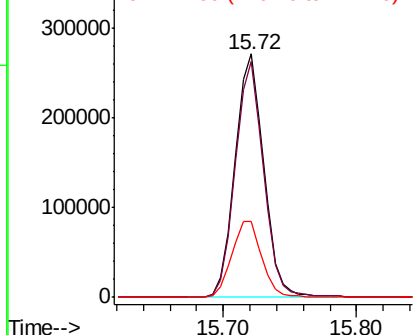
#42
 2,4,6-Tribromophenol
 Concen: 106.625 ng
 RT: 15.72 min Scan# 2165
 Delta R.T. -0.04 min
 Lab File: BM017942.D
 Acq: 05 Dec 2018 19:26

Instrument :
 BNA_M
 ClientSampleId :
 SAMPLE-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.9	116.9
141	32.8	27.5	41.3

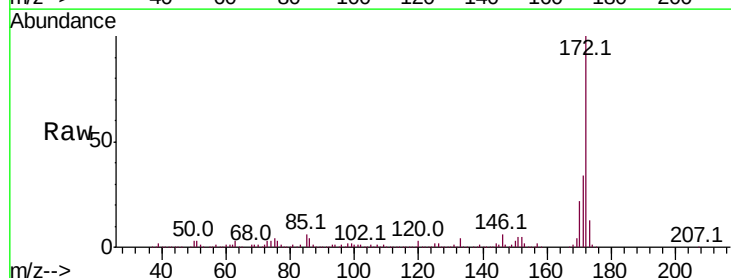


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

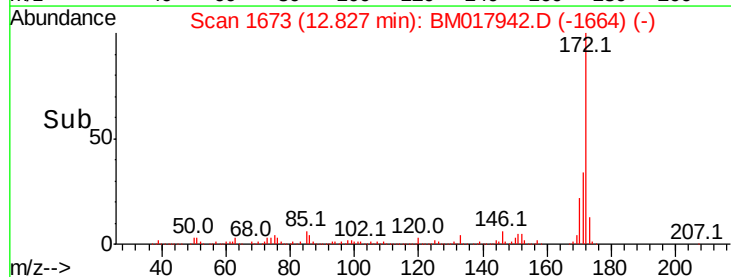
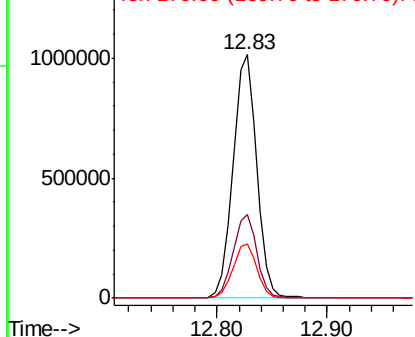


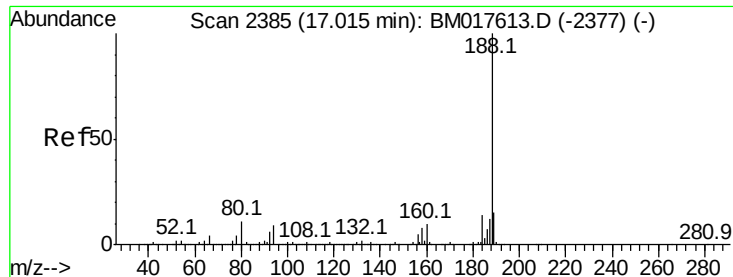
#45
 2-Fluorobiphenyl
 Concen: 74.970 ng
 RT: 12.83 min Scan# 1673
 Delta R.T. -0.05 min
 Lab File: BM017942.D
 Acq: 05 Dec 2018 19:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.7	43.1
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: 16.97 min Scan# 2378

Delta R.T. -0.04 min

Lab File: BM017942.D

Acq: 05 Dec 2018 19:26

Instrument :

BNA_M

ClientSampleId :

SAMPLE-1

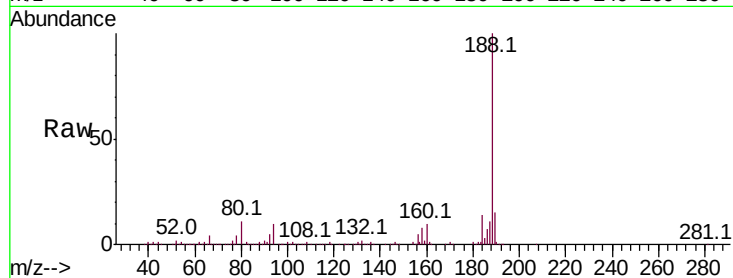
Tot Ion:188 Resp: 560715

Ion Ratio Lower Upper

188 100

94 9.7 7.5 11.3

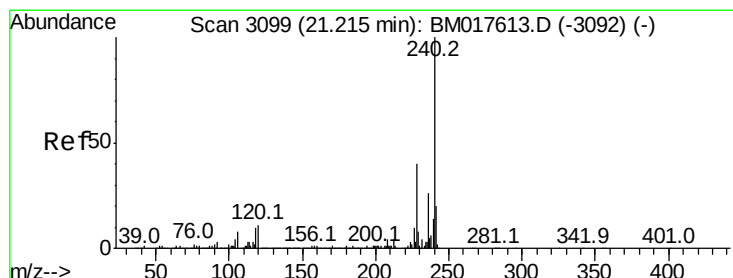
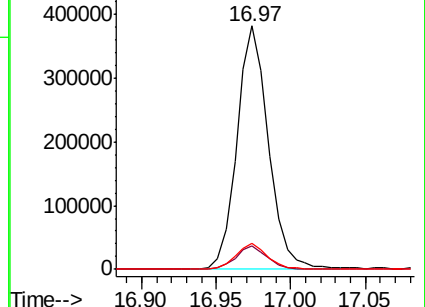
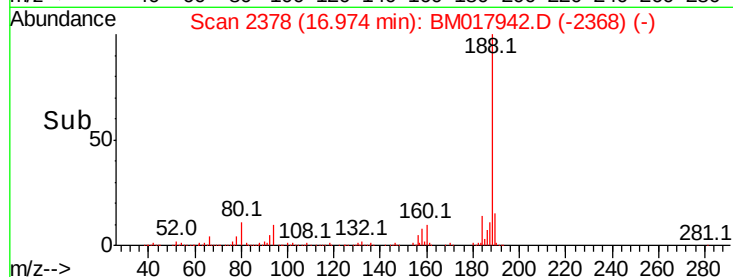
80 10.6 8.6 13.0



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.18 min Scan# 3093

Delta R.T. -0.04 min

Lab File: BM017942.D

Acq: 05 Dec 2018 19:26

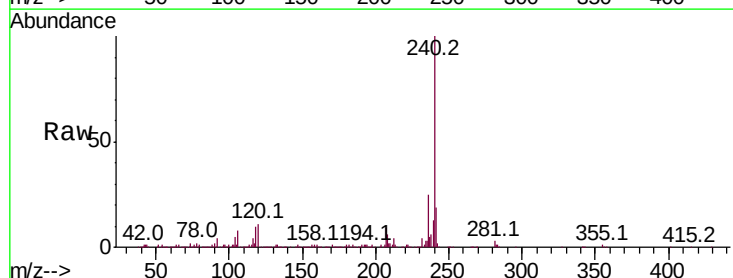
Tgt Ion:240 Resp: 601520

Ion Ratio Lower Upper

240 100

120 10.7 8.5 12.7

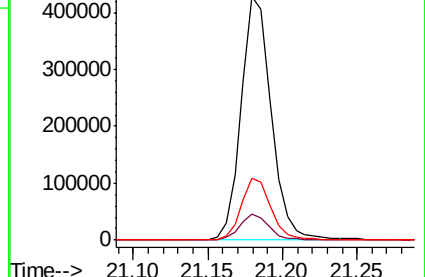
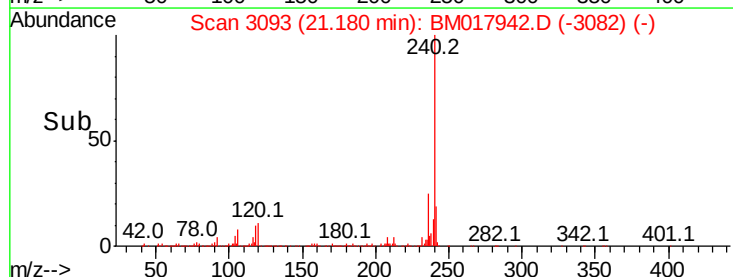
236 25.3 20.4 30.6

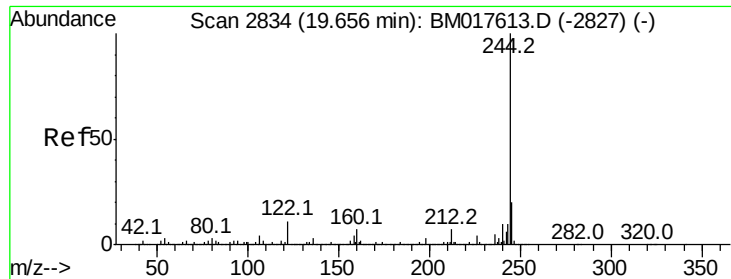


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.211 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.04 min

Lab File: BM017942.D

Acq: 05 Dec 2018 19:26

Instrument :

BNA_M

ClientSampleId :

SAMPLE-1

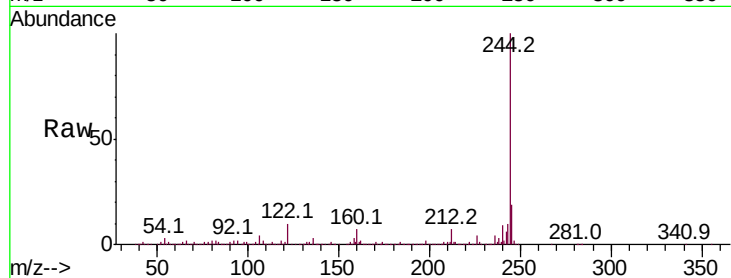
Tot Ion:244 Resp: 2208463

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

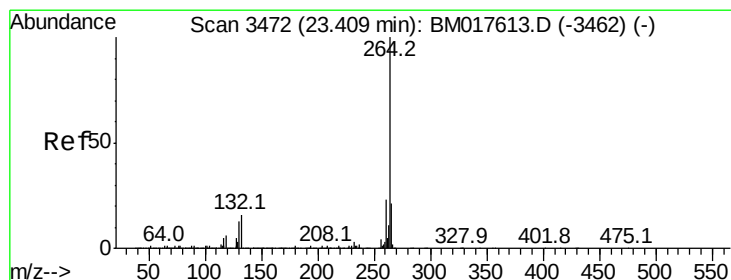
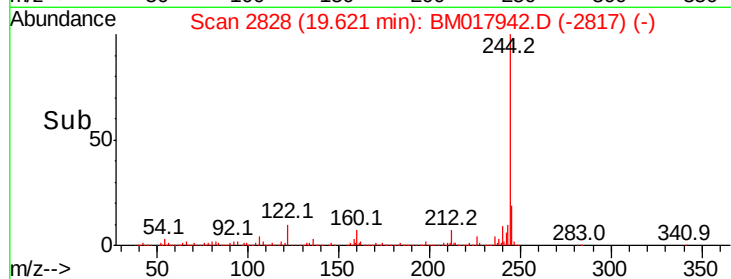
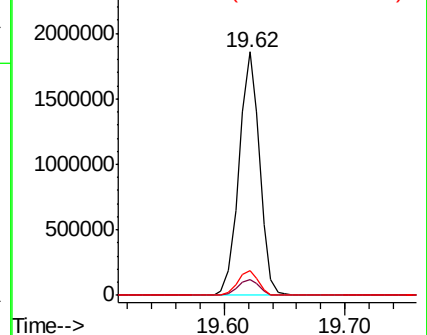
122 10.2 9.0 13.6



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: 23.36 min Scan# 3464

Delta R.T. -0.05 min

Lab File: BM017942.D

Acq: 05 Dec 2018 19:26

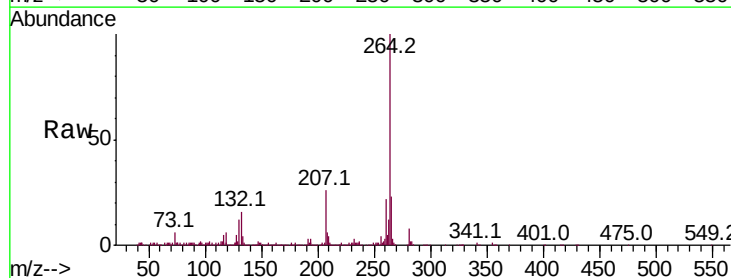
Tgt Ion:264 Resp: 637391

Ion Ratio Lower Upper

264 100

260 21.8 18.2 27.2

265 23.2 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

