

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM120618\
 Data File : BM017943.D
 Acq On : 05 Dec 2018 20:02
 Operator : JU/SJ
 Sample : J6192-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-120318

Quant Time: Dec 06 00:18:44 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	7.56	152	151259	20.00	ng	-0.05
21) Naphthalene-d8	10.33	136	555302	20.00	ng	-0.05
39) Acenaphthene-d10	14.22	164	295207	20.00	ng	-0.05
64) Phenanthrene-d10	16.97	188	613238	20.00	ng	-0.04
76) Chrysene-d12	21.18	240	673953	20.00	ng	-0.04
87) Perylene-d12	23.36	264	719281	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	831008	92.72	ng	-0.04
7) Phenol-d6	6.76	99	929502	74.25	ng	-0.05
23) Nitrobenzene-d5	8.72	82	736246	68.45	ng	-0.05
42) 2,4,6-Tribromophenol	15.72	330	444585	104.81	ng	-0.04
45) 2-Fluorobiphenyl	12.83	172	1583337	69.58	ng	-0.05
79) Terphenyl-d14	19.62	244	2342269	78.77	ng	-0.04

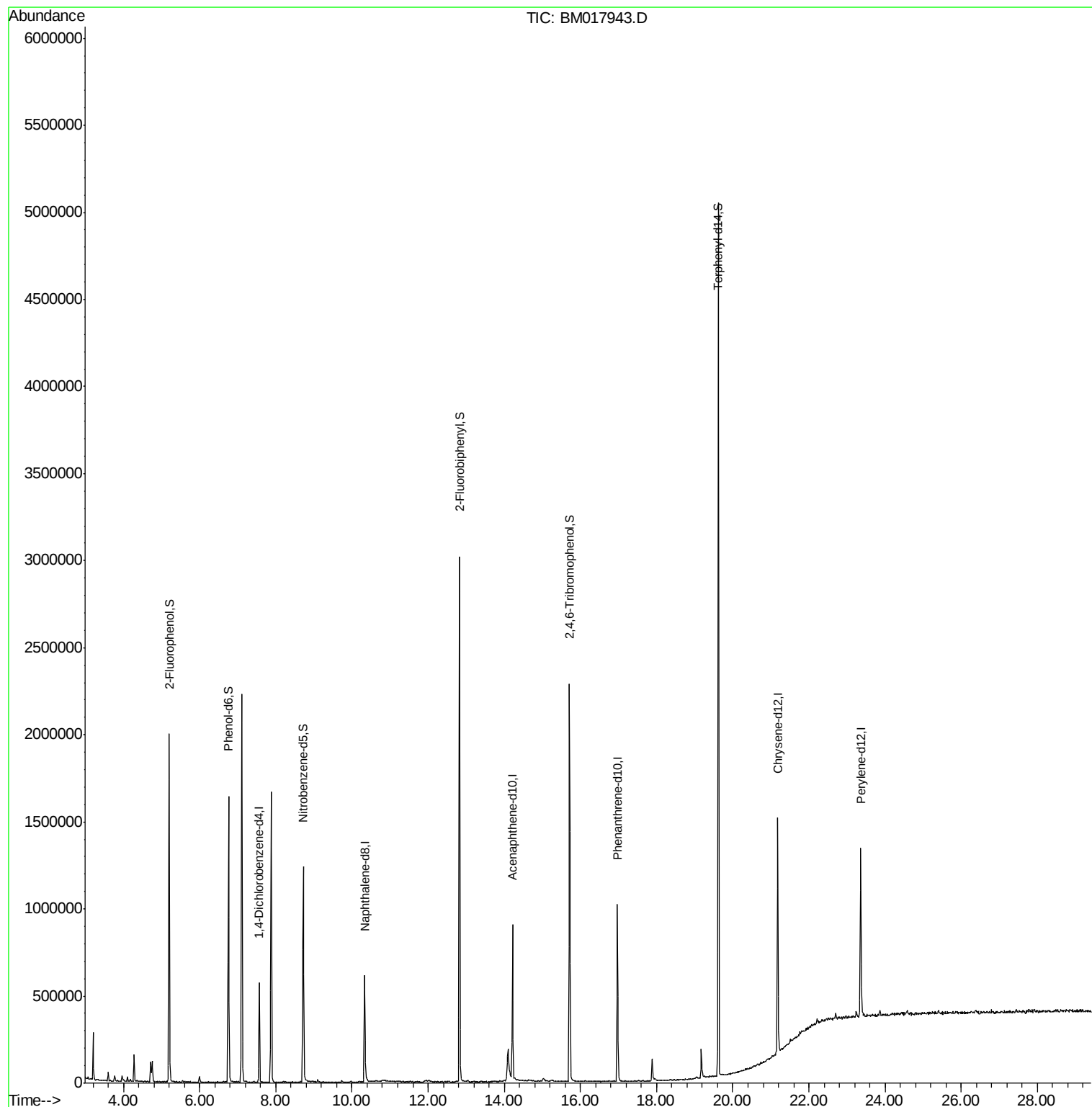
Target Compounds	Qvalue
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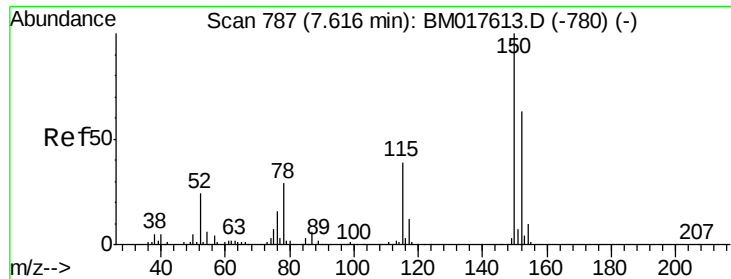
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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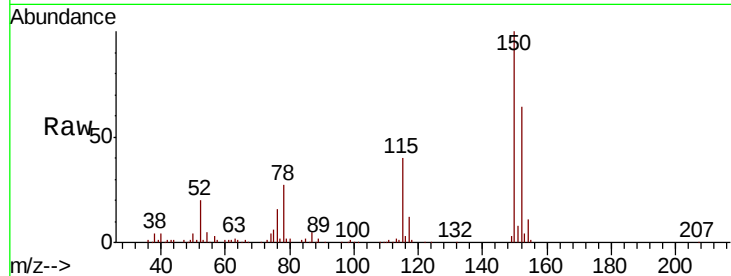


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.56 min Scan# 778
 Delta R.T. -0.05 min
 Lab File: BM017943.D
 Acq: 05 Dec 2018 20:02

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-120318

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.4	189.6
115	61.9	49.4	74.0

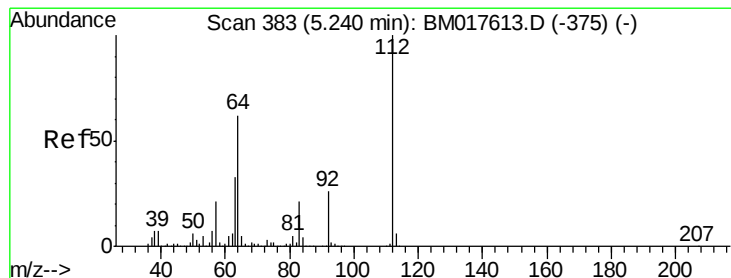
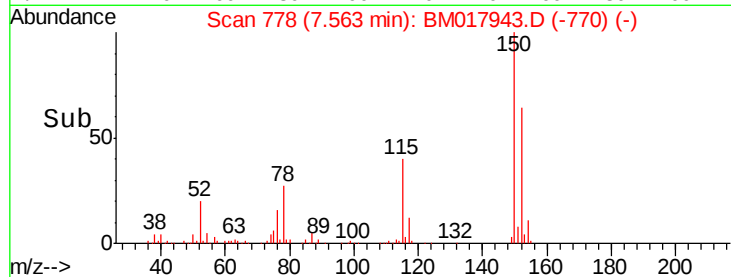
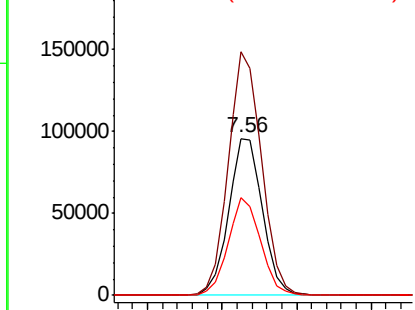


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

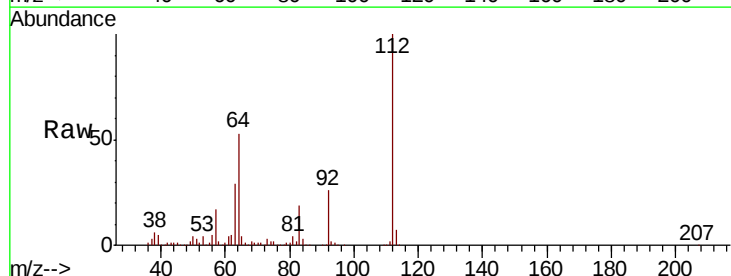
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 92.718 ng
 RT: 5.20 min Scan# 376
 Delta R.T. -0.04 min
 Lab File: BM017943.D
 Acq: 05 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	49.3	73.9
63	29.2	26.2	39.4

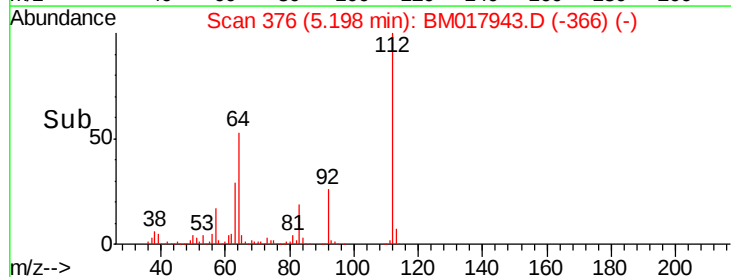
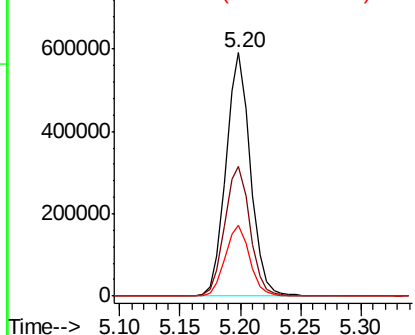


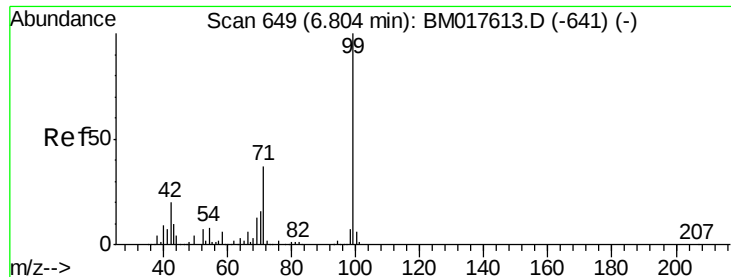
Abundance

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: 74.255 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.05 min

Lab File: BM017943.D

Acq: 05 Dec 2018 20:02

Instrument :

BNA_M

ClientSampleId :

HD-02-120318

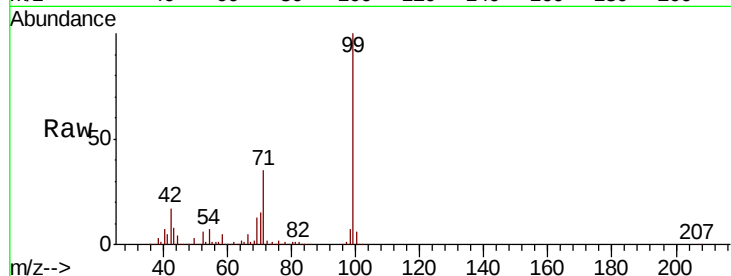
Tgt Ion: 99 Resp: 929502

Ion Ratio Lower Upper

99 100

42 16.8 16.3 24.5

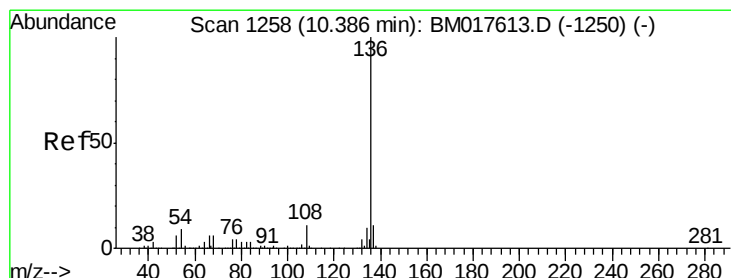
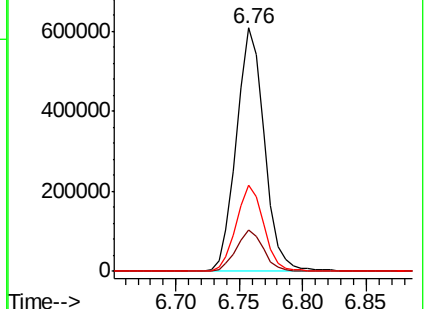
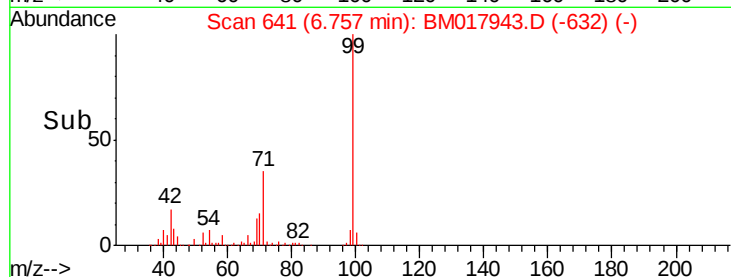
71 35.2 29.8 44.8



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: BM017943.D

Acq: 05 Dec 2018 20:02

Tgt Ion: 136 Resp: 555302

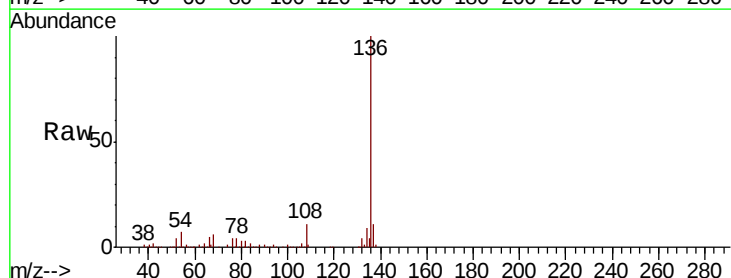
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 6.7 7.0 10.6#

68 5.9 4.9 7.3

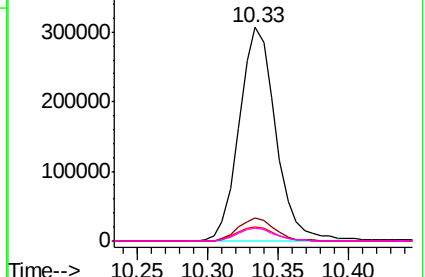
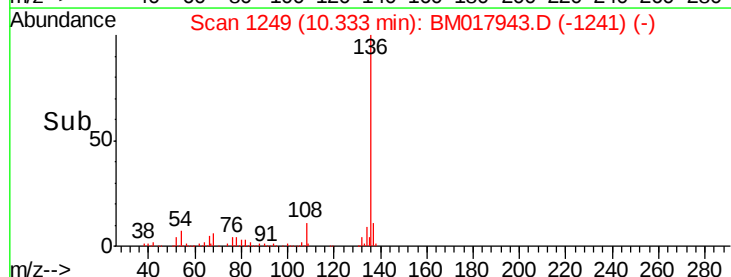


Abundance Ion 136.00 (135.70 to 136.70): BM017613.D (-1250) (-)

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) (-)

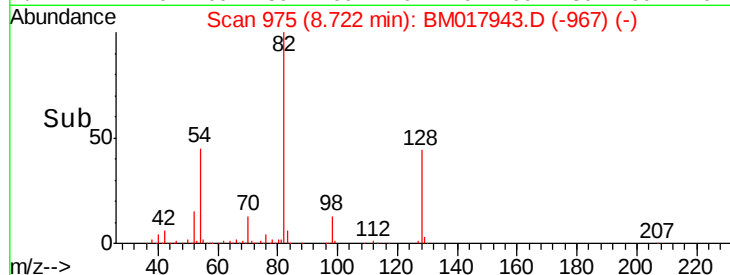
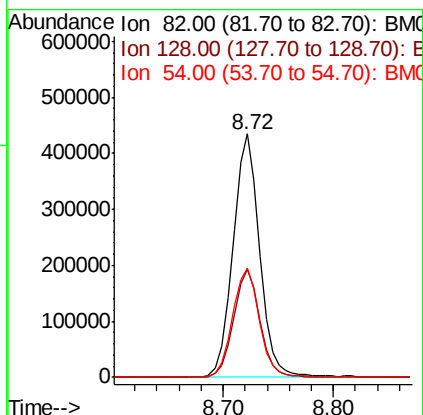
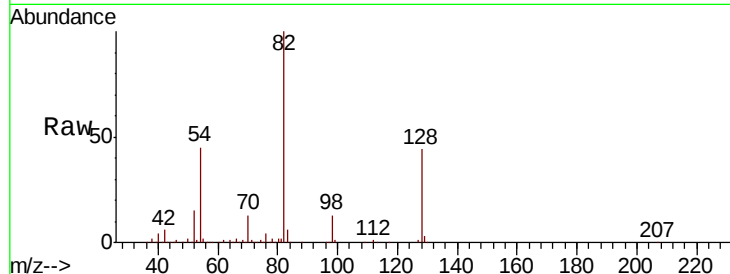




#23
 Nitrobenzene-d5
 Concen: 68.447 ng
 RT: 8.72 min Scan# 975
 Delta R.T. -0.05 min
 Lab File: BM017943.D
 Acq: 05 Dec 2018 20:02

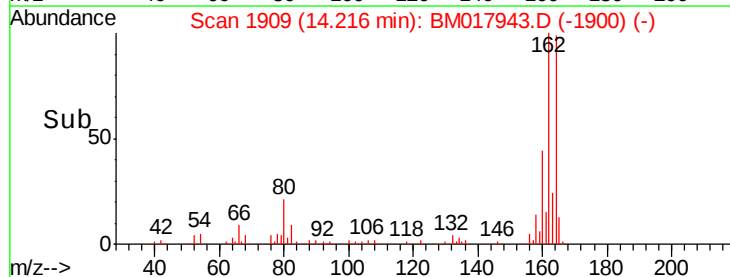
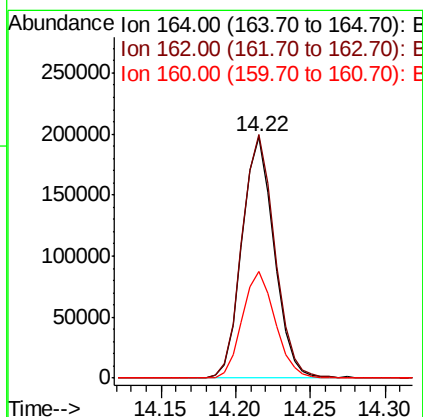
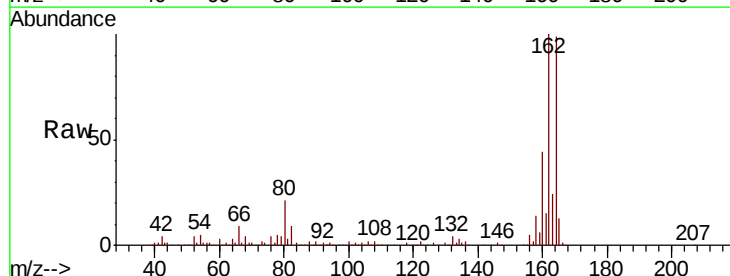
Instrument :
 BNA_M
 ClientSampleID :
 HD-02-120318

Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.5	33.0	49.4
54	44.8	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: BM017943.D
 Acq: 05 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.4	122.0
160	43.9	35.6	53.4

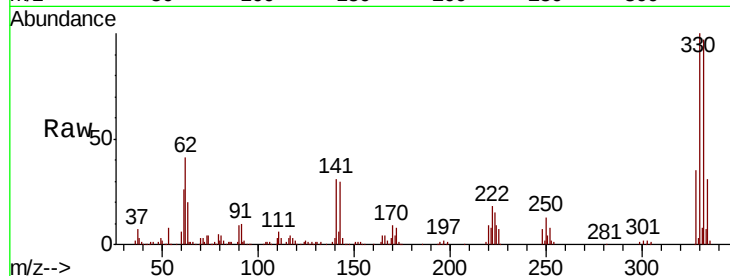




#42
 2,4,6-Tribromophenol
 Concen: 104.813 ng
 RT: 15.72 min Scan# 2165
 Delta R.T. -0.04 min
 Lab File: BM017943.D
 Acq: 05 Dec 2018 20:02

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-120318

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.9	116.9
141	33.3	27.5	41.3

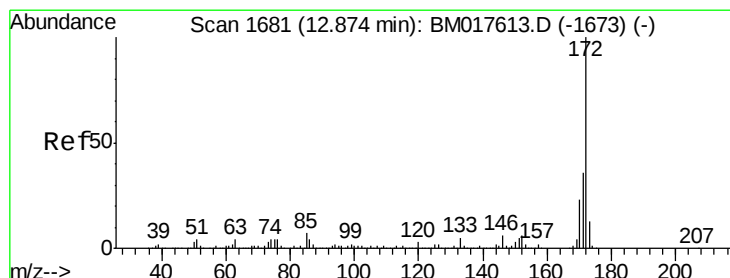
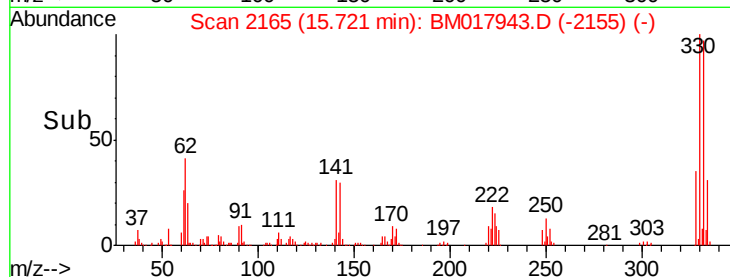
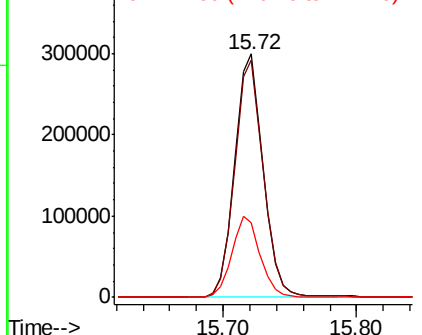


Abundance

Ion 329.80 (329.50 to 330.50): E

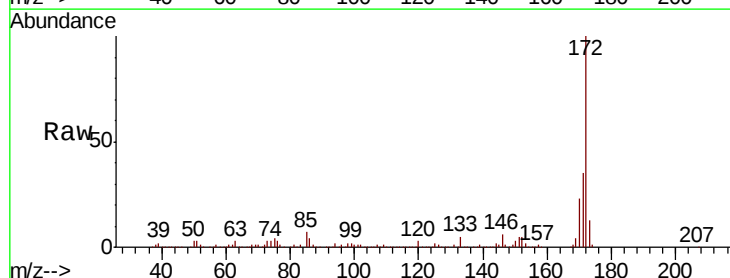
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 69.582 ng
 RT: 12.83 min Scan# 1673
 Delta R.T. -0.05 min
 Lab File: BM017943.D
 Acq: 05 Dec 2018 20:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.7	43.1
170	22.7	18.3	27.5

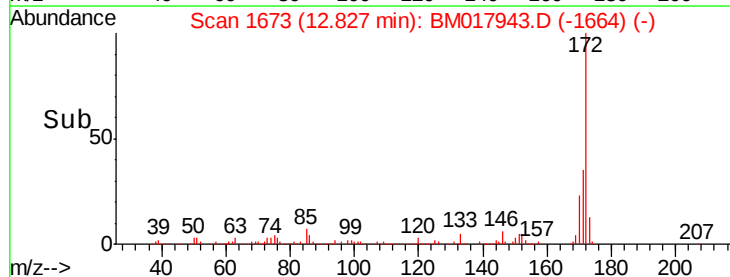
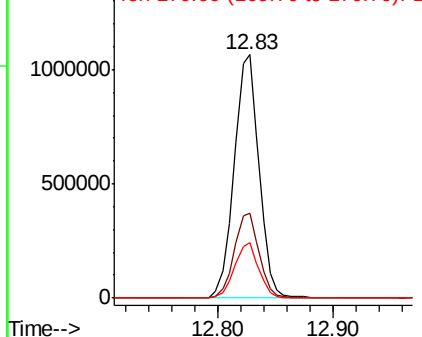


Abundance

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: BM017943.D

Acq: 05 Dec 2018 20:02

Instrument :

BNA_M

ClientSampleId :

HD-02-120318

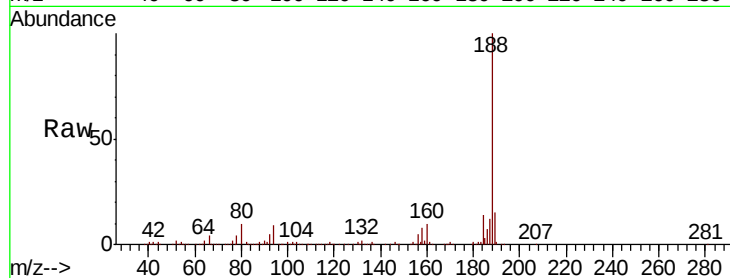
Tgt Ion:188 Resp: 613238

Ion Ratio Lower Upper

188 100

94 8.6 7.5 11.3

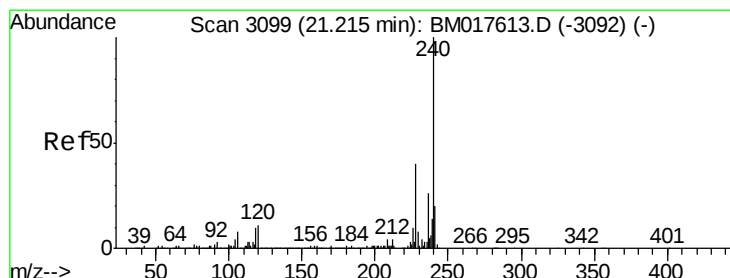
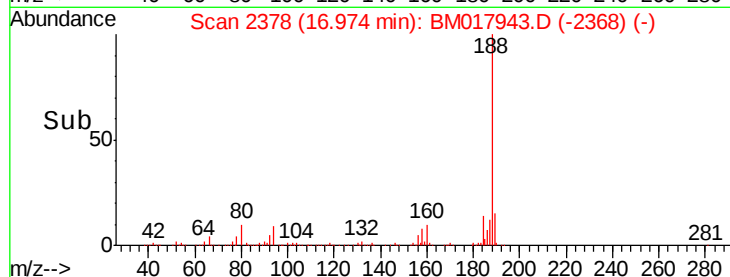
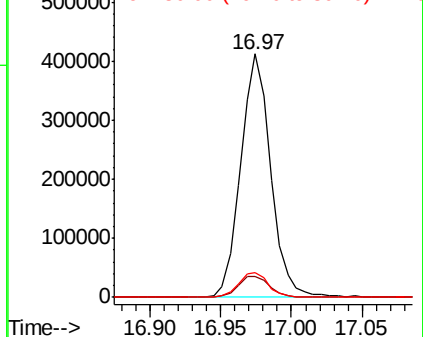
80 10.3 8.6 13.0



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: BM017943.D

Acq: 05 Dec 2018 20:02

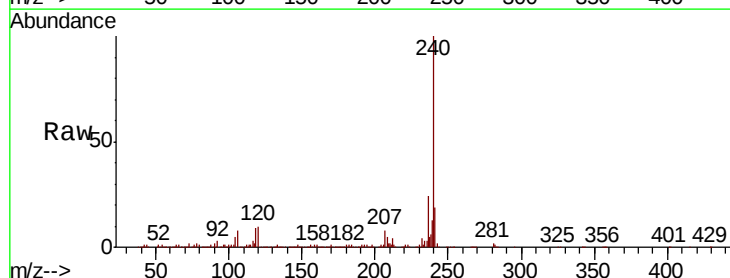
Tgt Ion:240 Resp: 673953

Ion Ratio Lower Upper

240 100

120 10.1 8.5 12.7

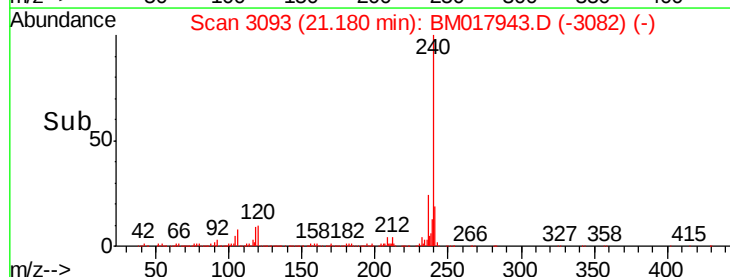
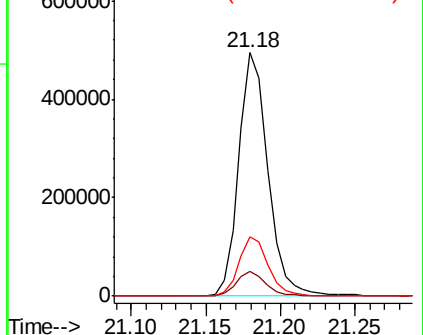
236 24.1 20.4 30.6

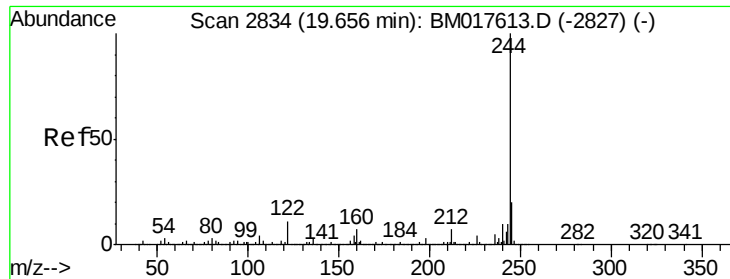


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 78.768 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.04 min

Lab File: BM017943.D

Acq: 05 Dec 2018 20:02

Instrument :

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ClientSampleId :

HD-02-120318

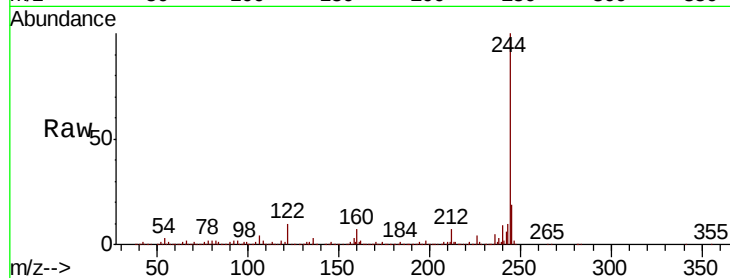
Tgt Ion:244 Resp: 2342269

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

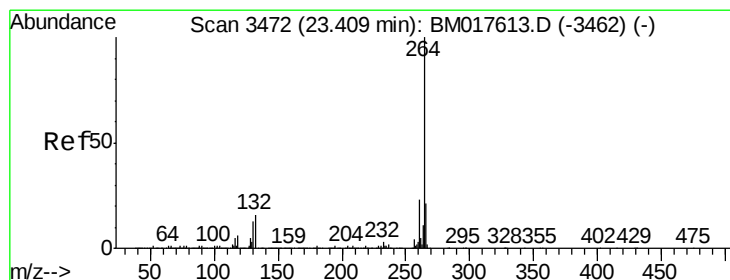
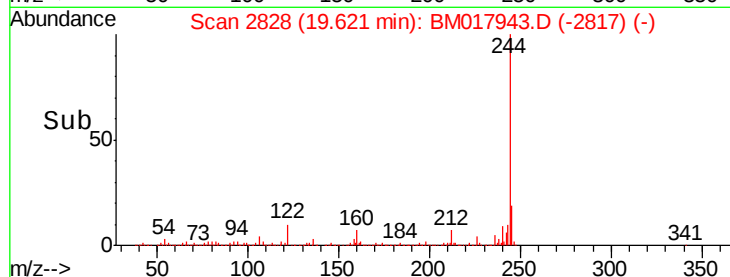
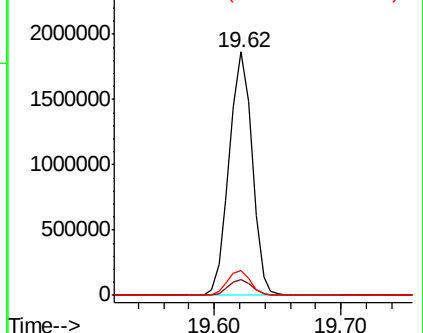
122 10.3 9.0 13.6



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: BM017943.D

Acq: 05 Dec 2018 20:02

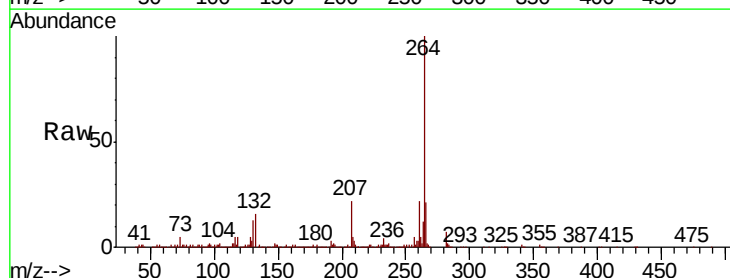
Tgt Ion:264 Resp: 719281

Ion Ratio Lower Upper

264 100

260 22.4 18.2 27.2

265 21.1 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

