

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120418\
 Data File : BM017890.D
 Acq On : 04 Dec 2018 00:55
 Operator : JU/SJ
 Sample : J5775-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TR-04-113018

Quant Time: Dec 04 06:58:31 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	178793	20.00	ng	-0.04
21) Naphthalene-d8	10.35	136	730937	20.00	ng	-0.04
39) Acenaphthene-d10	14.23	164	431758	20.00	ng	-0.04
64) Phenanthrene-d10	16.98	188	975414	20.00	ng	-0.04
76) Chrysene-d12	21.19	240	913233	20.00	ng	-0.03
87) Perylene-d12	23.37	264	789975	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1148724	108.43	ng	-0.03
7) Phenol-d6	6.77	99	1356823	91.70	ng	-0.04
23) Nitrobenzene-d5	8.73	82	1086382	76.73	ng	-0.04
42) 2,4,6-Tribromophenol	15.73	330	778936	125.56	ng	-0.04
45) 2-Fluorobiphenyl	12.84	172	2732112	82.09	ng	-0.04
79) Terphenyl-d14	19.63	244	4296989	106.64	ng	-0.02

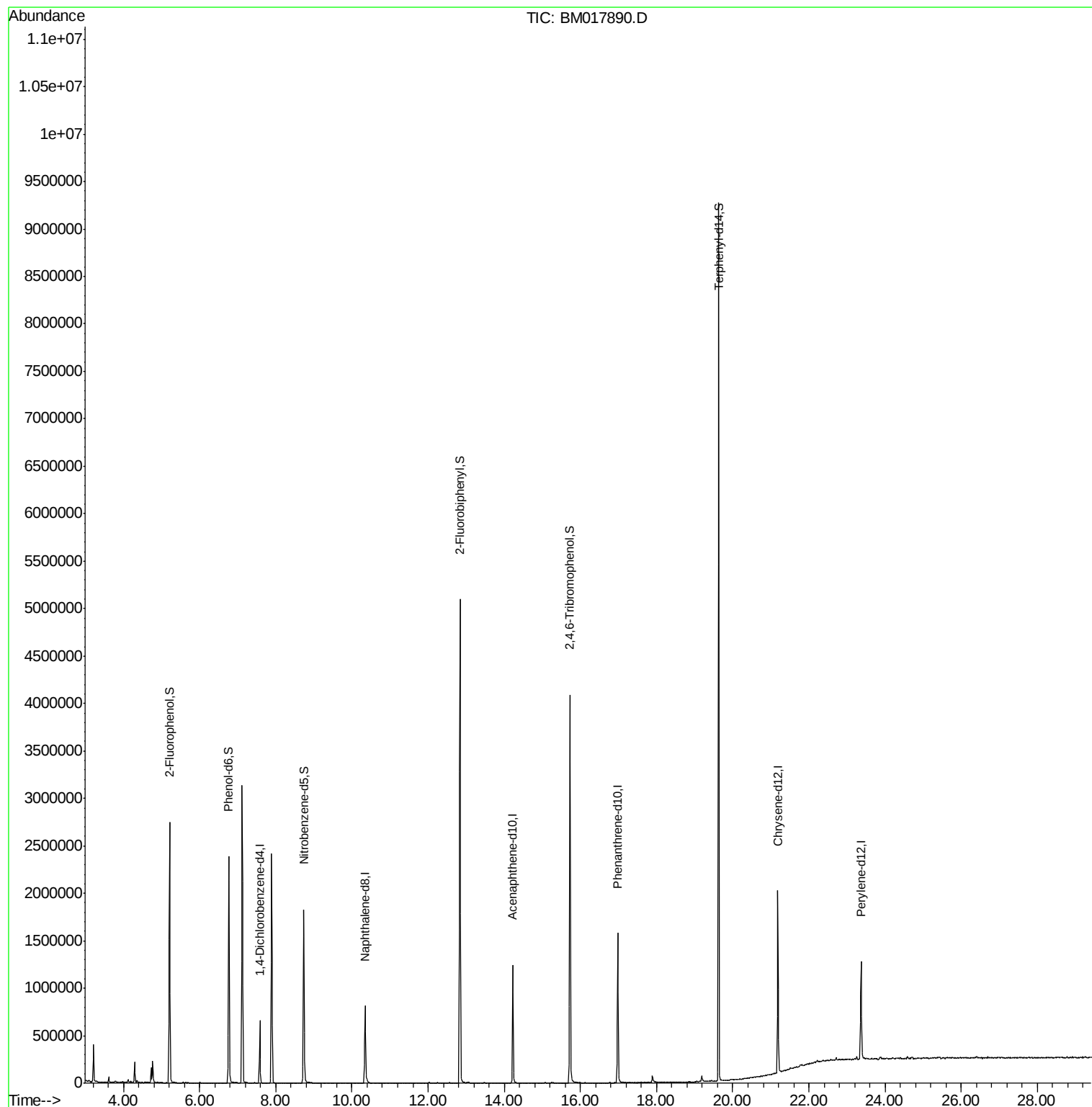
Target Compounds Qvalue

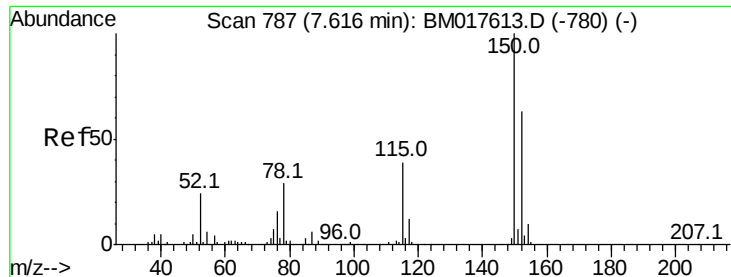
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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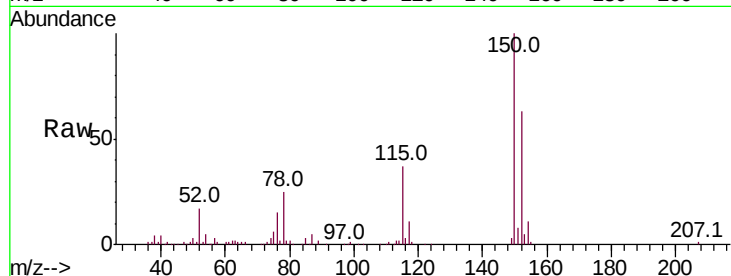


#1

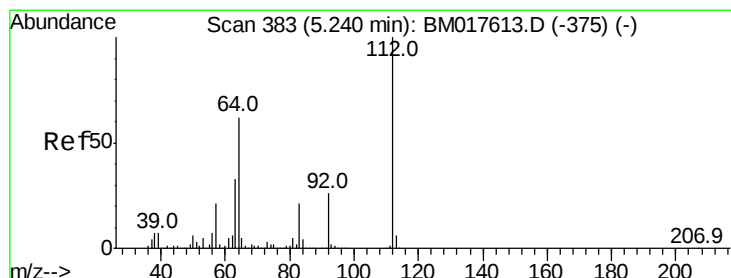
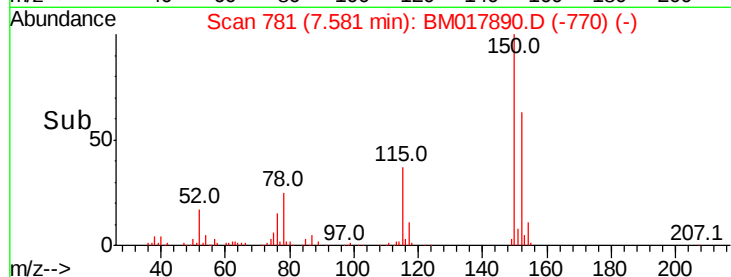
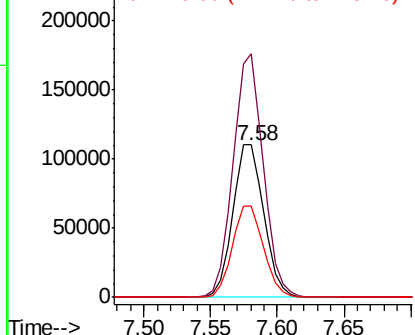
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM017890.D
Acq: 04 Dec 2018 00:55

Instrument :
BNA_M
ClientSampleId :
TR-04-113018

Tot Ion:152 Resp: 178793
Ion Ratio Lower Upper
152 100
150 159.6 126.4 189.6
115 59.5 49.4 74.0



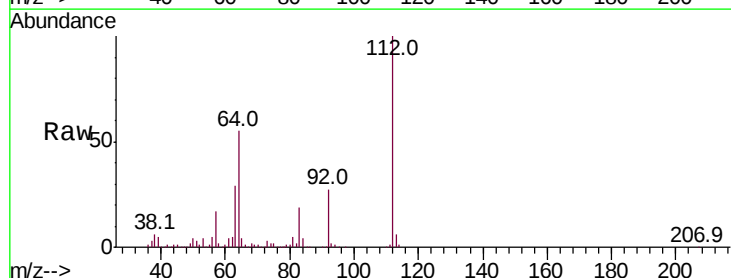
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



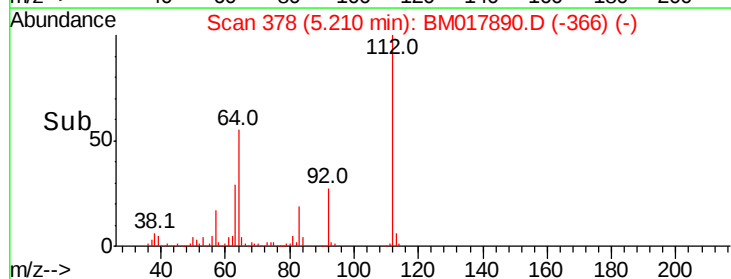
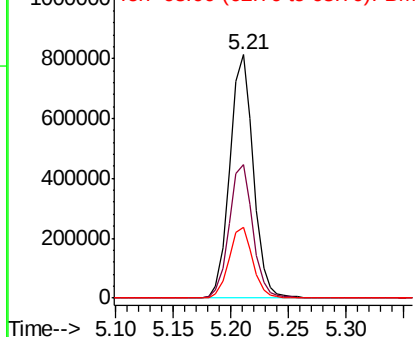
#5

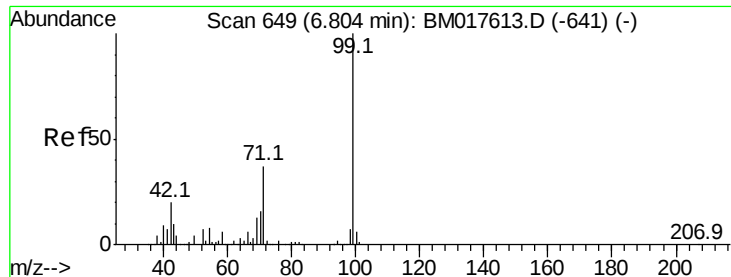
2-Fluorophenol
Concen: 108.429 ng
RT: 5.21 min Scan# 378
Delta R.T. -0.03 min
Lab File: BM017890.D
Acq: 04 Dec 2018 00:55

Tgt Ion:112 Resp: 1148724
Ion Ratio Lower Upper
112 100
64 54.8 49.3 73.9
63 29.1 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: 91.700 ng

RT: 6.77 min Scan# 643

Delta R.T. -0.04 min

Lab File: BM017890.D

Acq: 04 Dec 2018 00:55

Instrument :

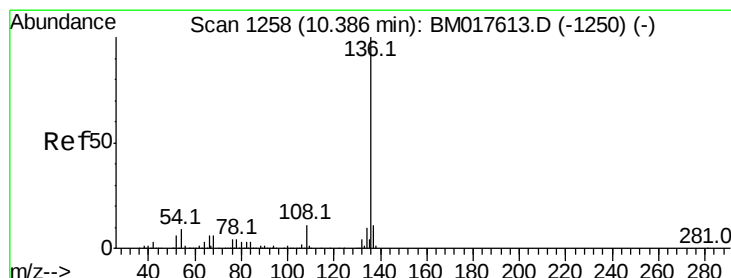
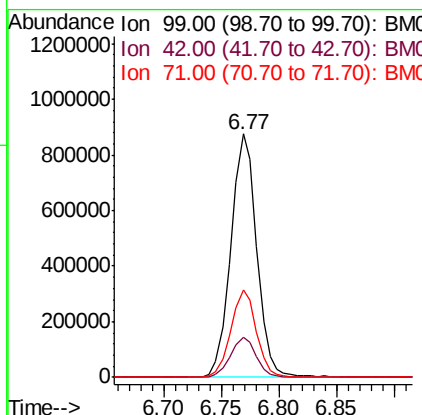
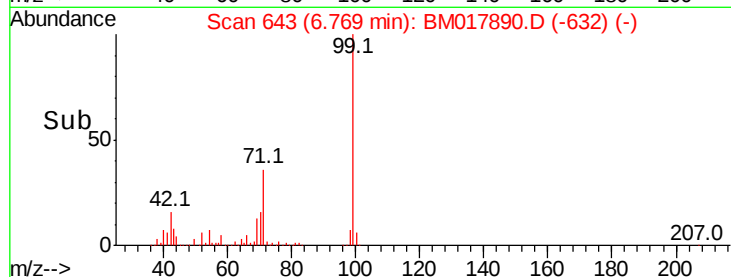
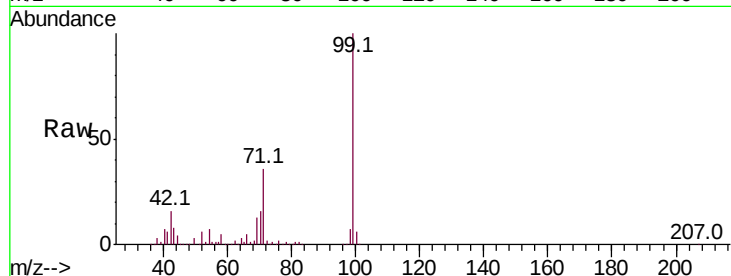
BNA_M

ClientSampleId :

TR-04-113018

Tot Ion: 99 Resp: 1356823

Ion	Ratio	Lower	Upper
99	100		
42	16.3	16.3	24.5#
71	35.9	29.8	44.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1251

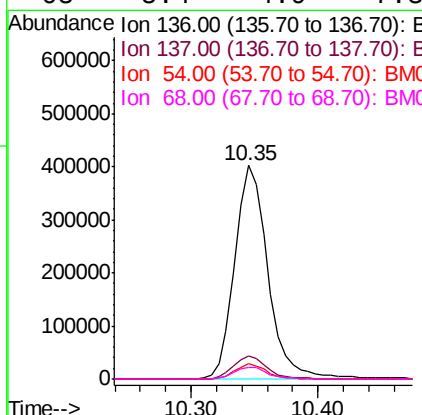
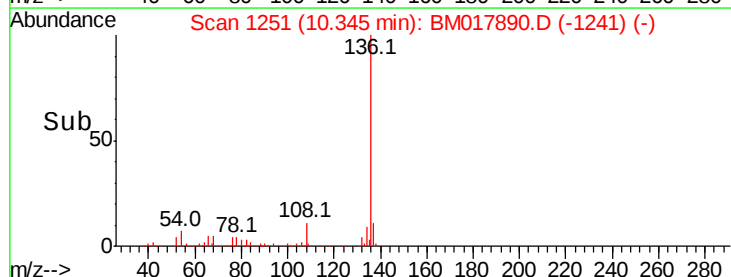
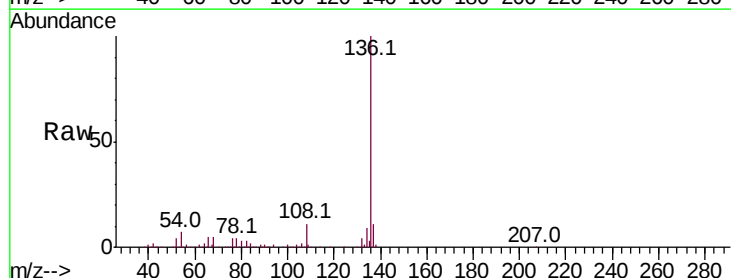
Delta R.T. -0.04 min

Lab File: BM017890.D

Acq: 04 Dec 2018 00:55

Tgt Ion: 136 Resp: 730937

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	7.0	7.0	10.6#
68	5.4	4.9	7.3

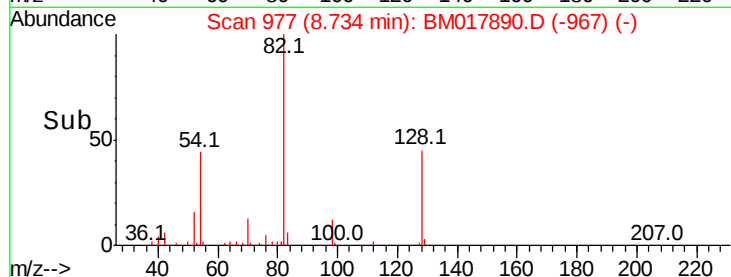
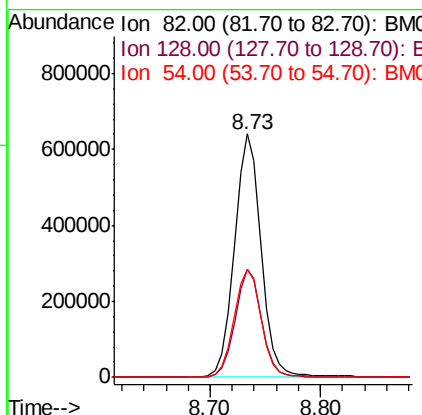
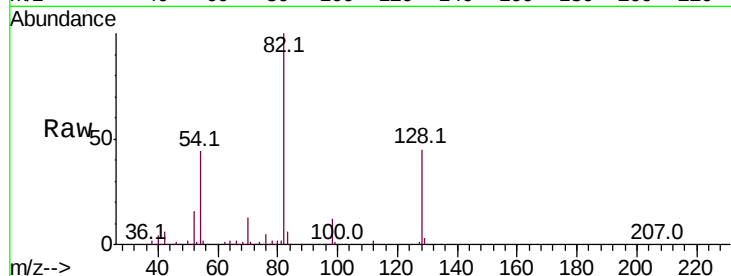




#23
Nitrobenzene-d5
Concen: 76.730 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.04 min
Lab File: BM017890.D
Acq: 04 Dec 2018 00:55

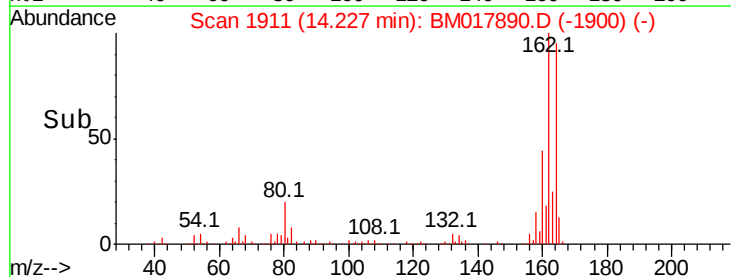
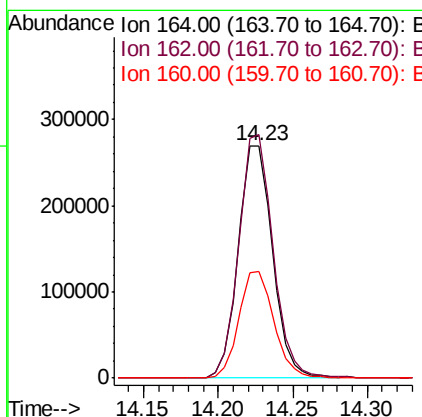
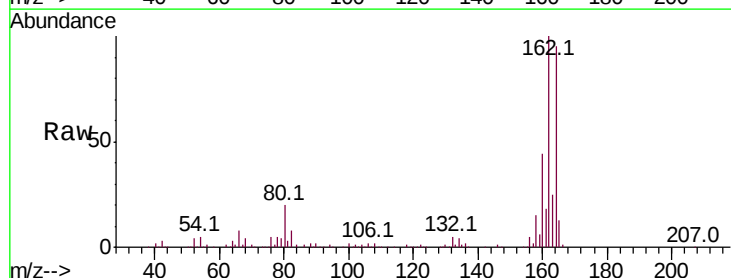
Instrument :
BNA_M
ClientSampleId :
TR-04-113018

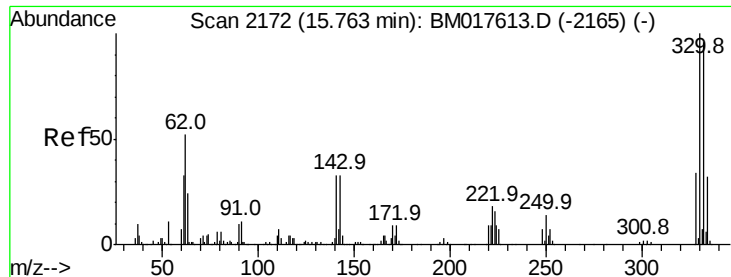
Tot Ion: 82 Resp: 1086382
Ion Ratio Lower Upper
82 100
128 44.5 33.0 49.4
54 44.4 41.4 62.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1911
Delta R.T. -0.04 min
Lab File: BM017890.D
Acq: 04 Dec 2018 00:55

Tgt Ion: 164 Resp: 431758
Ion Ratio Lower Upper
164 100
162 104.8 81.4 122.0
160 45.9 35.6 53.4

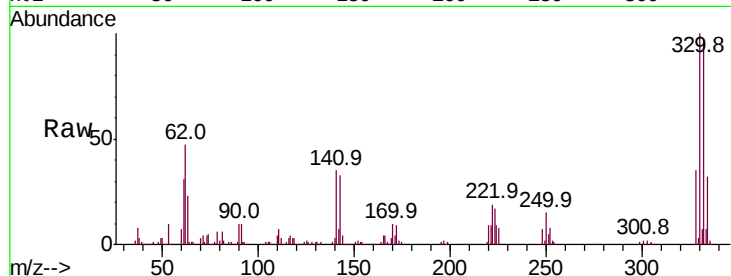




#42
 2,4,6-Tribromophenol
 Concen: 125.559 ng
 RT: 15.73 min Scan# 2166
 Delta R.T. -0.04 min
 Lab File: BM017890.D
 Acq: 04 Dec 2018 00:55

Instrument :
 BNA_M
 ClientSampleId :
 TR-04-113018

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.9	116.9
141	34.0	27.5	41.3

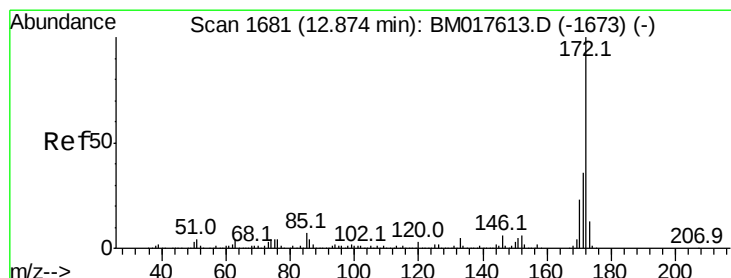
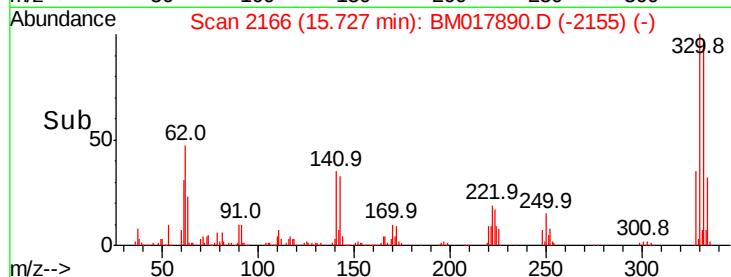
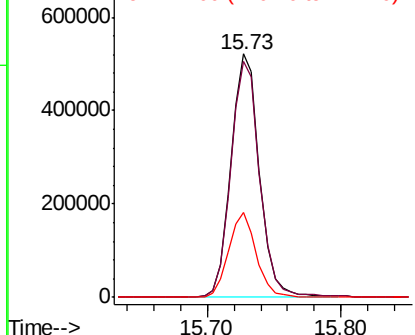


Abundance

Ion 329.80 (329.50 to 330.50): E

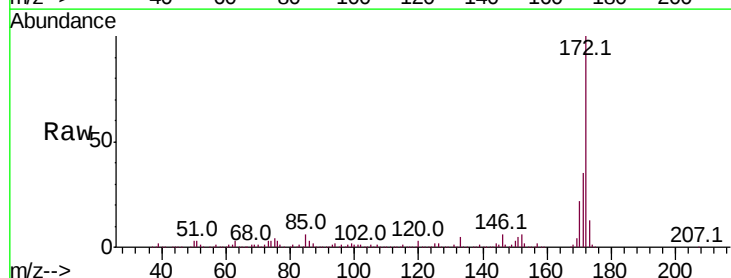
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 82.094 ng
 RT: 12.84 min Scan# 1675
 Delta R.T. -0.04 min
 Lab File: BM017890.D
 Acq: 04 Dec 2018 00:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.7	43.1
170	22.5	18.3	27.5

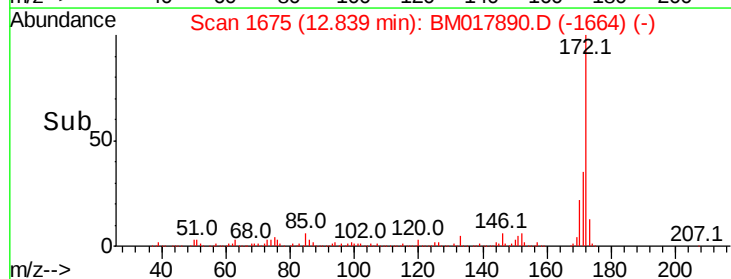
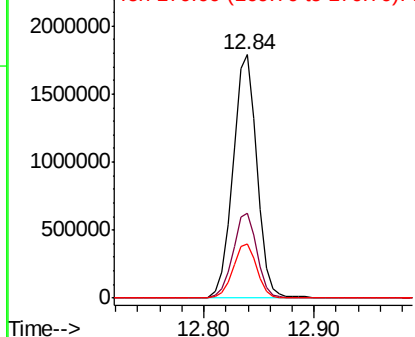


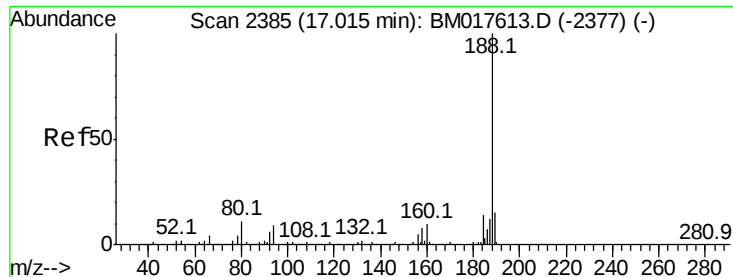
Abundance

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

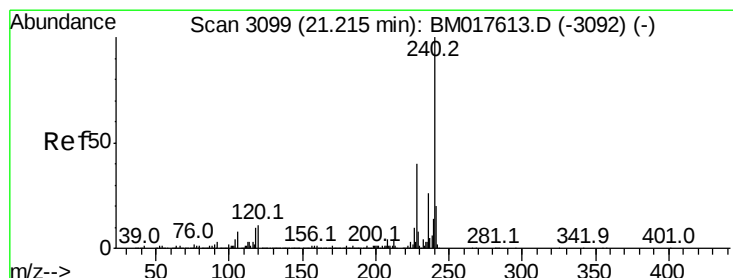
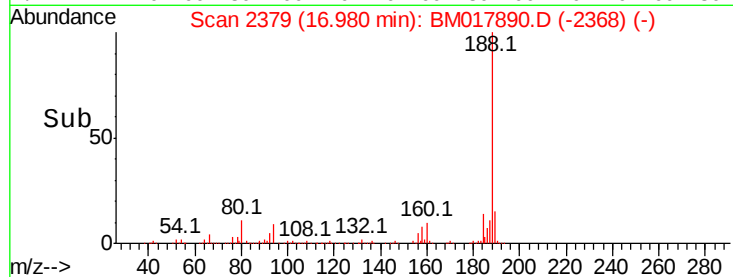
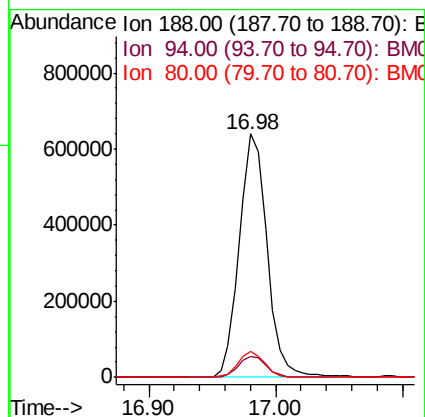
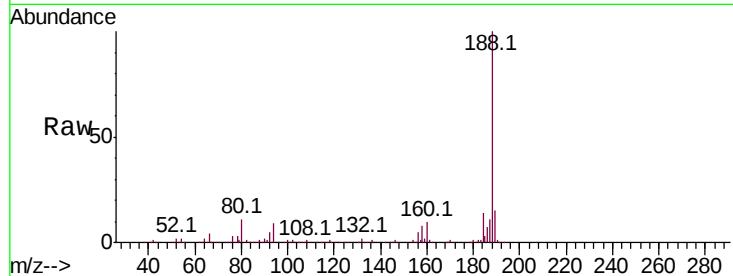




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2379
Delta R.T. -0.04 min
Lab File: BM017890.D
Acq: 04 Dec 2018 00:55

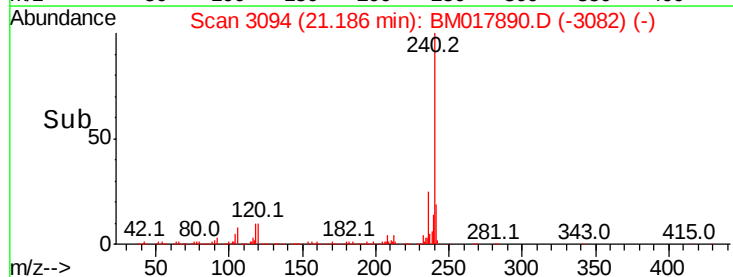
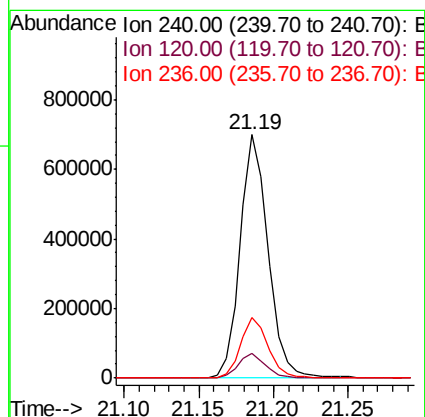
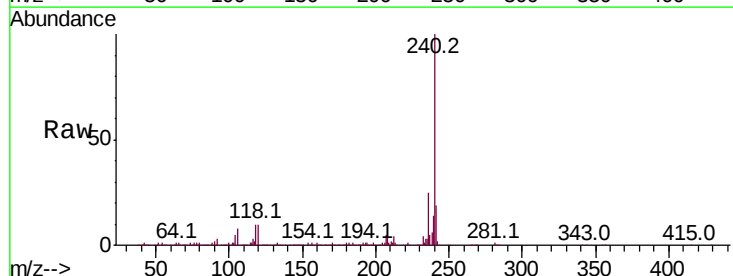
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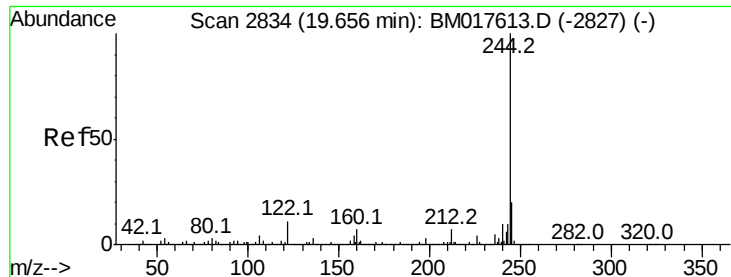
Tot Ion:188 Resp: 975414
Ion Ratio Lower Upper
188 100
94 8.8 7.5 11.3
80 10.9 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3094
Delta R.T. -0.03 min
Lab File: BM017890.D
Acq: 04 Dec 2018 00:55

Tgt Ion:240 Resp: 913233
Ion Ratio Lower Upper
240 100
120 10.1 8.5 12.7
236 25.0 20.4 30.6





#79

Terphenyl-d14

Concen: 106.641 ng

RT: 19.63 min Scan# 2830

Delta R.T. -0.02 min

Lab File: BM017890.D

Acq: 04 Dec 2018 00:55

Instrument :

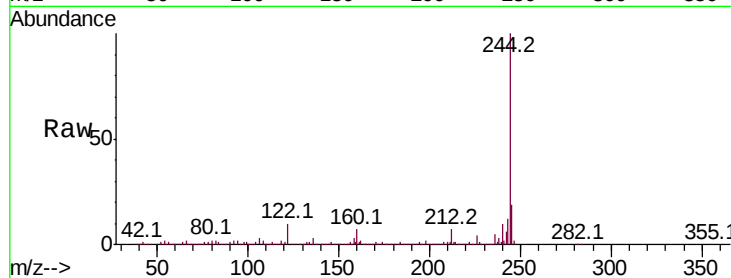
BNA_M

ClientSampleId :

TR-04-113018

Tot Ion:244 Resp: 4296989

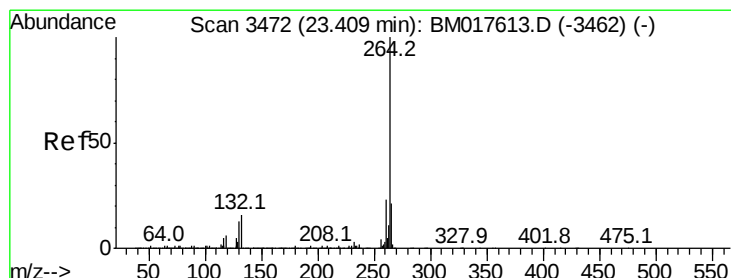
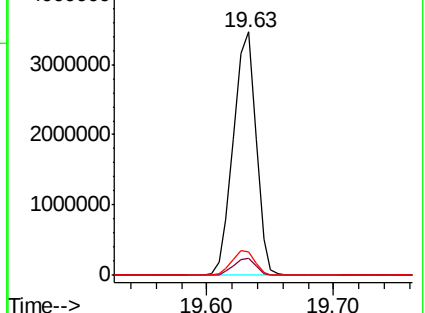
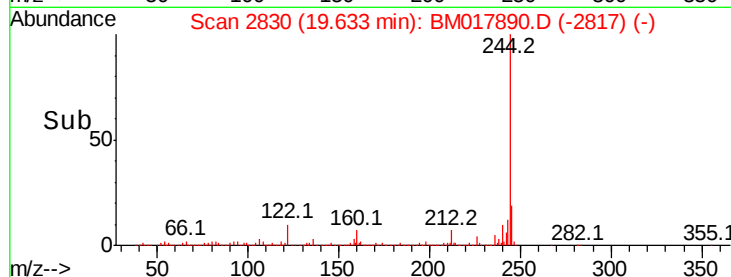
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	9.7	9.0	13.6



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: 23.37 min Scan# 3465

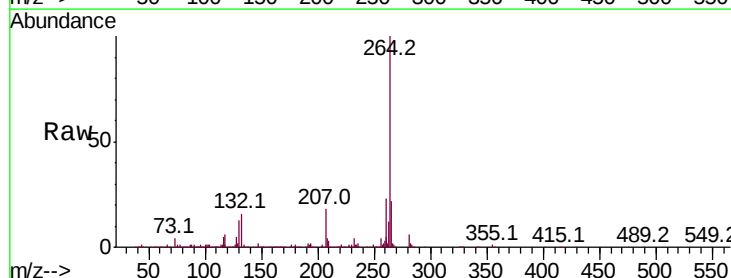
Delta R.T. -0.04 min

Lab File: BM017890.D

Acq: 04 Dec 2018 00:55

Tgt Ion:264 Resp: 789975

Ion	Ratio	Lower	Upper
264	100		
260	22.8	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

