

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102318\
 Data File : BM017293.D
 Acq On : 23 Oct 2018 20:15
 Operator : MJ/SJ
 Sample : J5604-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 24 06:58:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

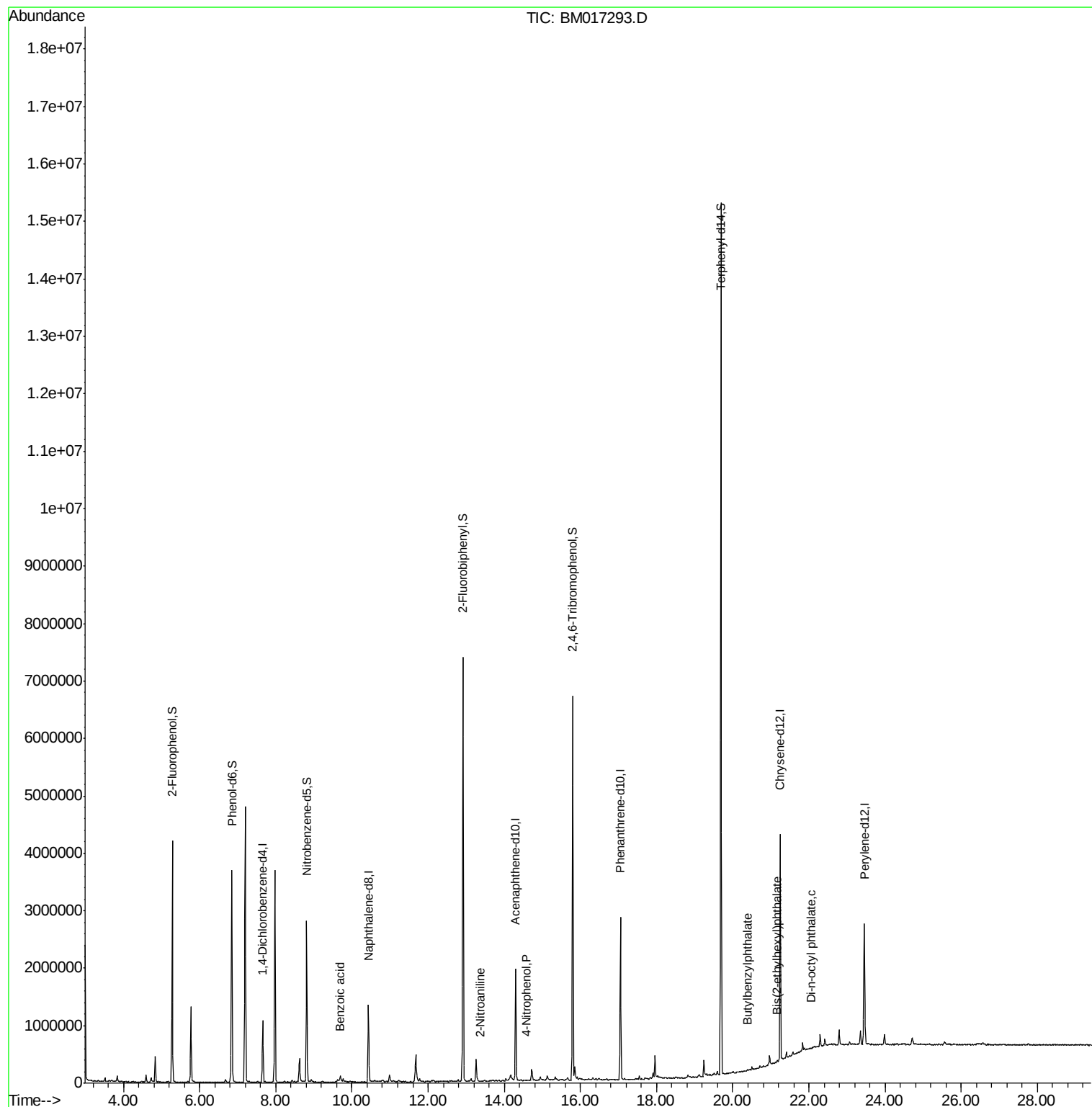
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	285267	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	1102414	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	641014	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	1577561	20.00	ng	-0.02
76) Chrysene-d12	21.24	240	1775616	20.00	ng	-0.02
87) Perylene-d12	23.46	264	1559034	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1761145	104.42	ng	0.00
7) Phenol-d6	6.85	99	2048958	89.20	ng	-0.01
23) Nitrobenzene-d5	8.81	82	1614150	85.63	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1227721	141.63	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	3761946	78.09	ng	-0.02
79) Terphenyl-d14	19.69	244	6727563	85.40	ng	-0.01
Target Compounds						
32) Benzoic acid	9.70	122	36374	3.542	ng	98
48) 2-Nitroaniline	13.37	65	631	5.734	ng	# 5
56) 4-Nitrophenol	14.58	139	130	4.728	ng	# 1
80) Butylbenzylphthalate	20.39	149	2181	7.225	ng	# 40
84) Bis(2-ethylhexyl)phthalate	21.17	149	13780	5.520	ng	95
85) Di-n-octyl phthalate	22.05	149	2743	5.596	ng	# 70

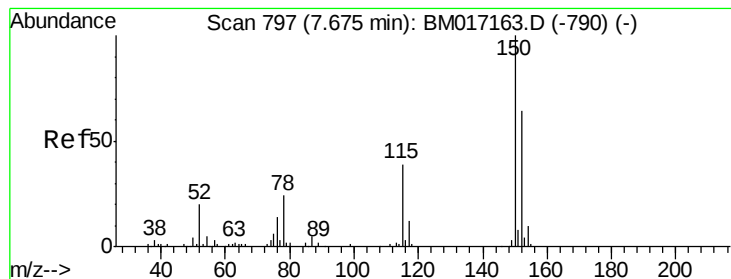
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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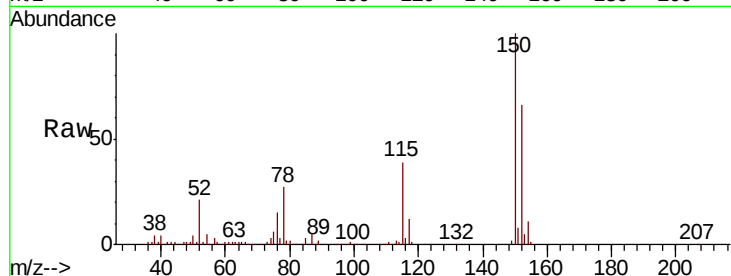


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM017293.D
Acq: 23 Oct 2018 20:15

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	124.3	186.5
115	59.9	48.1	72.1

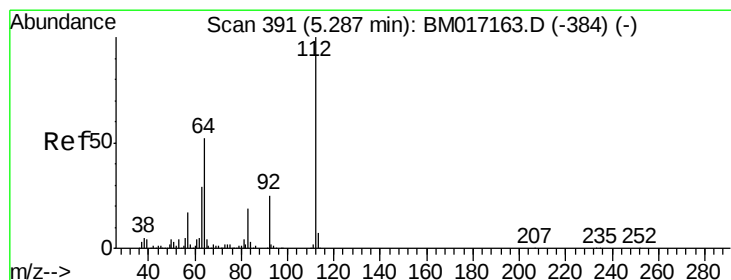
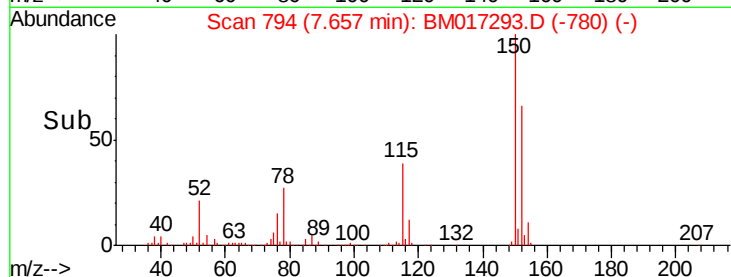
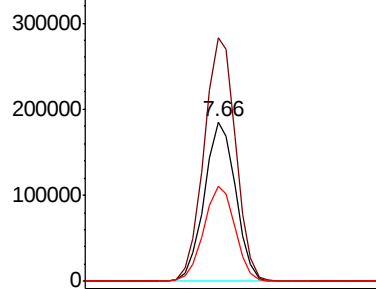


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

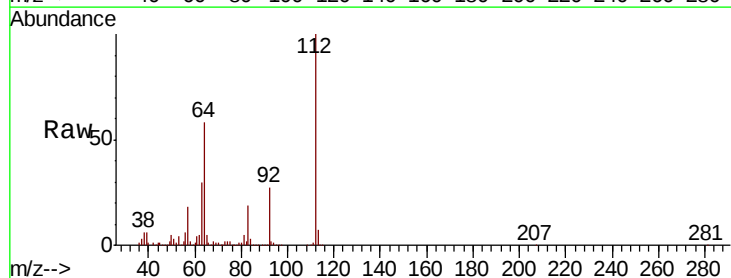
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 104.417 ng
RT: 5.28 min Scan# 390
Delta R.T. -0.01 min
Lab File: BM017293.D
Acq: 23 Oct 2018 20:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	41.7	62.5
63	30.4	23.0	34.4

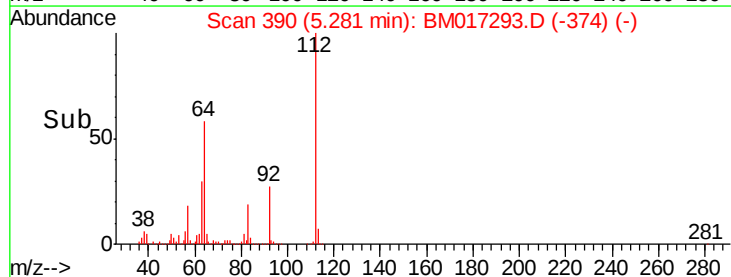
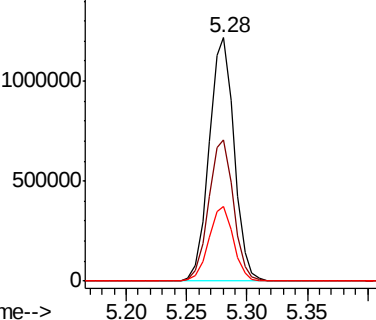


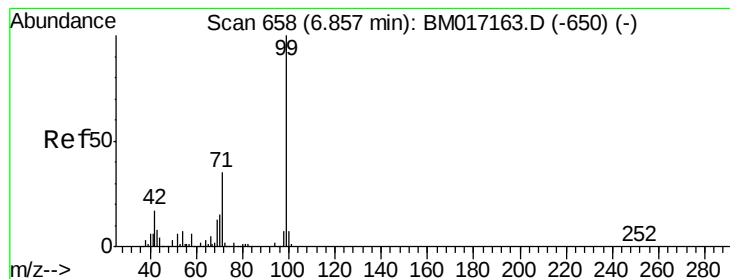
Abundance

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: 89.197 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM017293.D

Acq: 23 Oct 2018 20:15

Instrument :

BNA_M

ClientSampleId :

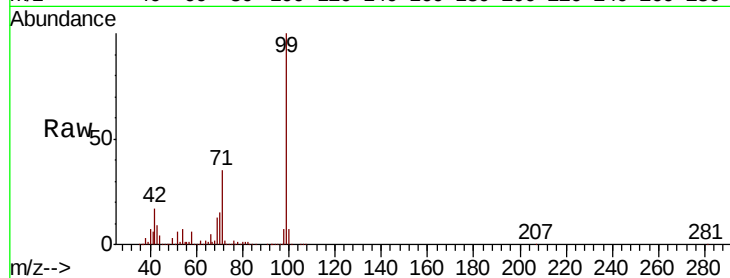
Tot Ion: 99 Resp: 2048958

Ion Ratio Lower Upper

99 100

42 17.2 13.3 19.9

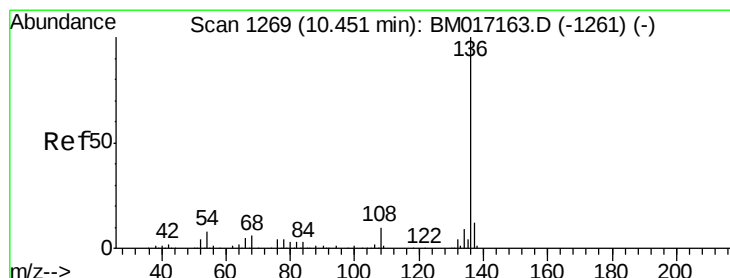
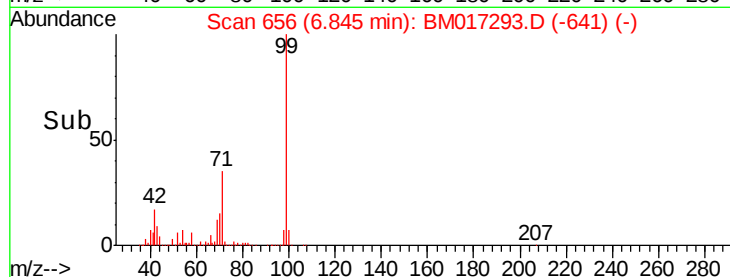
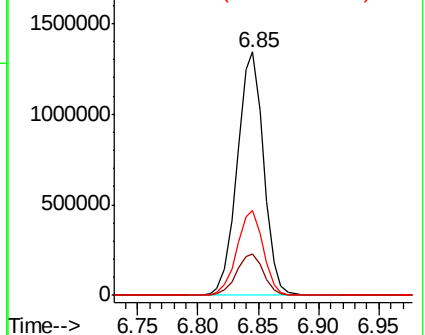
71 35.1 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-650) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BM017293.D

Acq: 23 Oct 2018 20:15

Tgt Ion: 136 Resp: 1102414

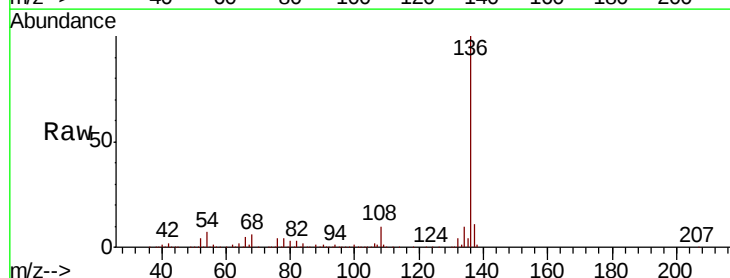
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 7.5 6.7 10.1

68 5.8 4.7 7.1

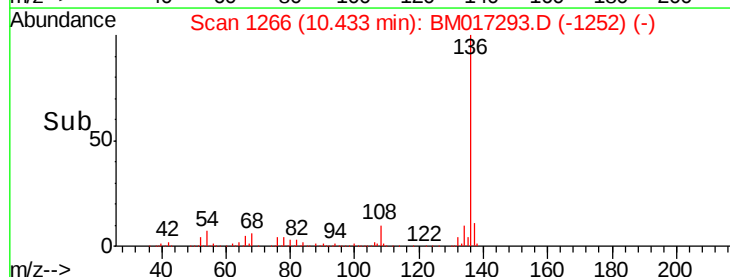
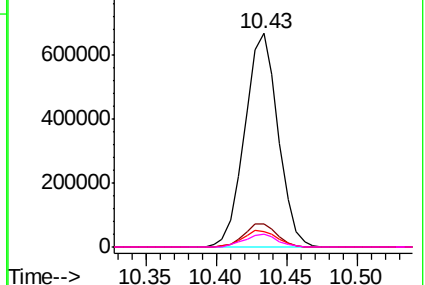


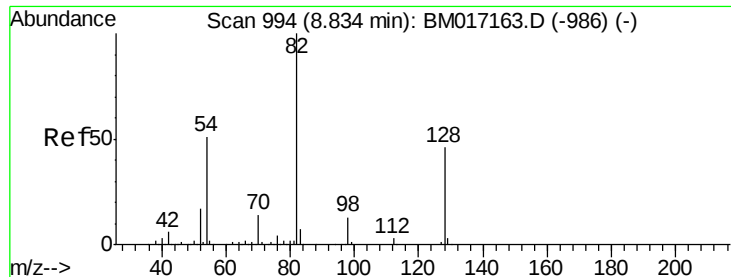
Abundance Ion 136.00 (135.70 to 136.70): BM017163.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM017163.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM017163.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM017163.D (-1261) (-)



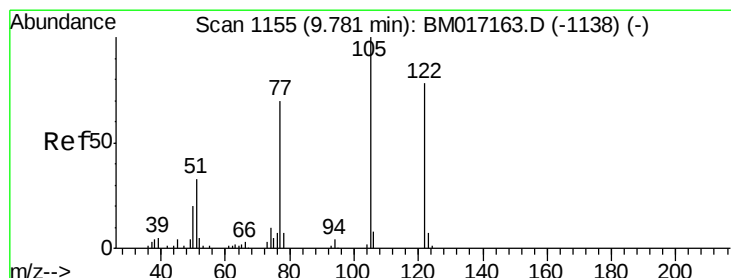
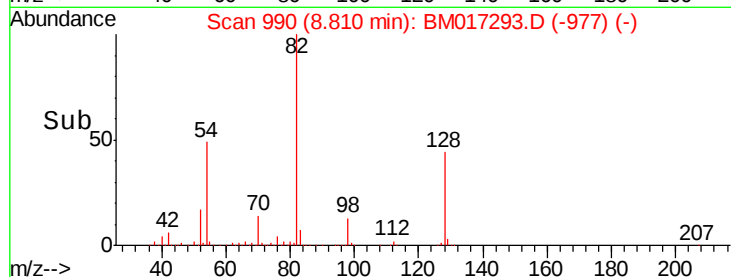
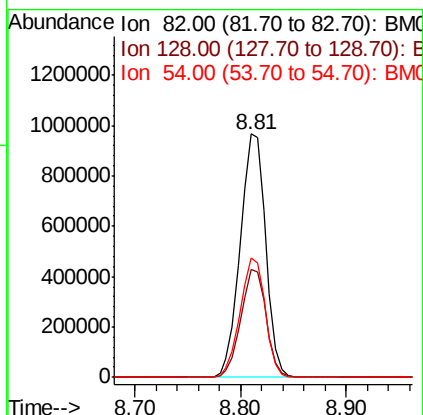
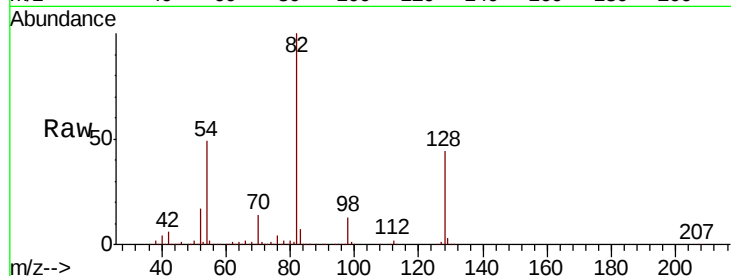


#23
 Nitrobenzene-d5
 Concen: 85.634 ng
 RT: 8.81 min Scan# 990
 Delta R.T. -0.02 min
 Lab File: BM017293.D
 Acq: 23 Oct 2018 20:15

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 82 Resp: 1614150

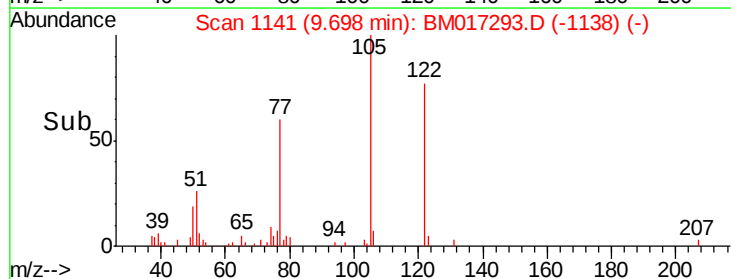
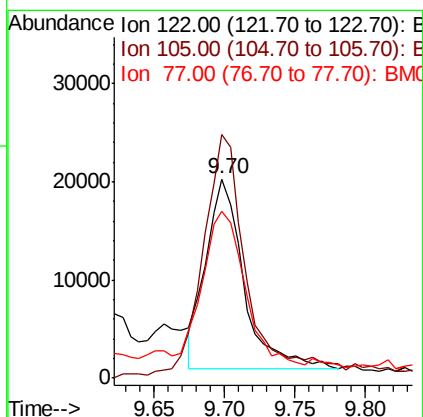
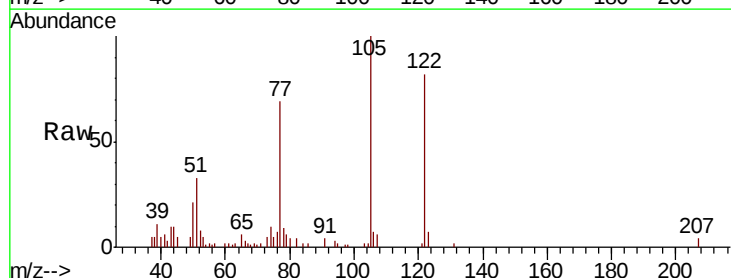
Ion	Ratio	Lower	Upper
82	100		
128	44.1	37.0	55.6
54	49.3	40.7	61.1

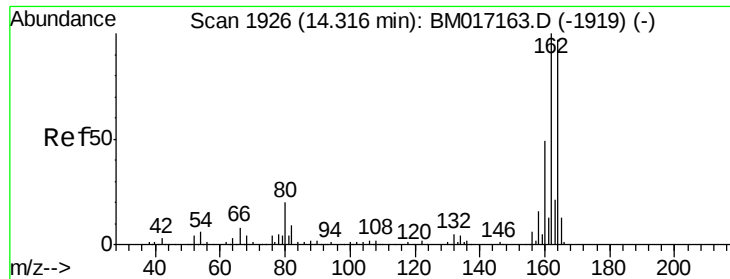


#32
 Benzoic acid
 Concen: 3.542 ng
 RT: 9.70 min Scan# 1141
 Delta R.T. -0.08 min
 Lab File: BM017293.D
 Acq: 23 Oct 2018 20:15

Tgt Ion: 122 Resp: 36374

Ion	Ratio	Lower	Upper
122	100		
105	122.1	102.0	142.0
77	83.9	67.7	107.7

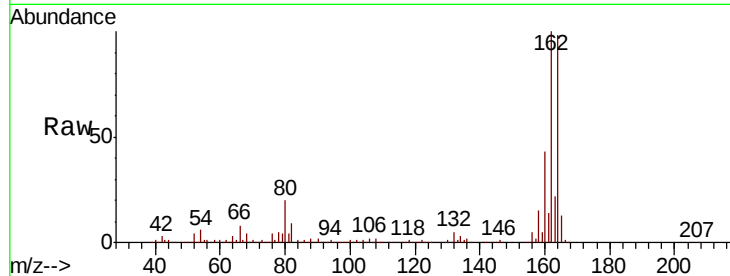




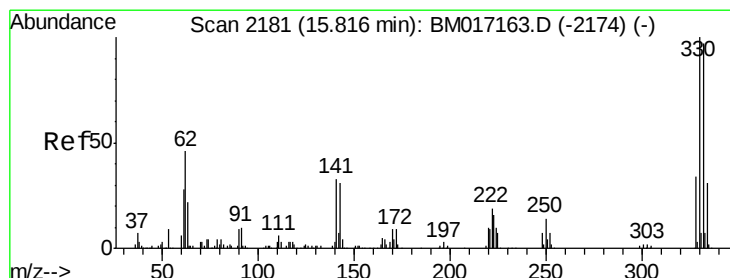
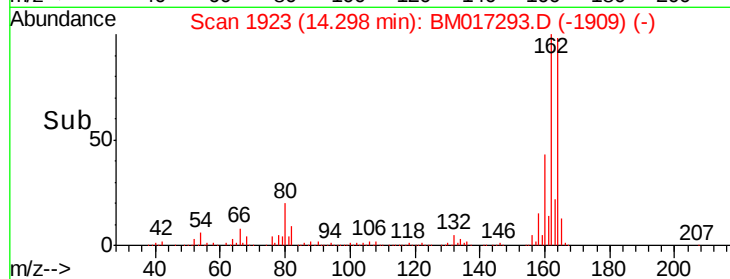
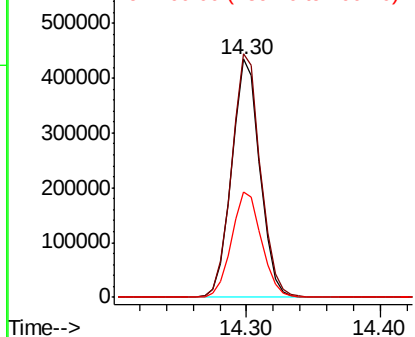
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1923
Delta R.T. -0.02 min
Lab File: BM017293.D
Acq: 23 Oct 2018 20:15

Instrument :
BNA_M
ClientSampleId :

Tot Ion:164 Resp: 641014
Ion Ratio Lower Upper
164 100
162 102.2 82.1 123.1
160 44.4 40.2 60.2

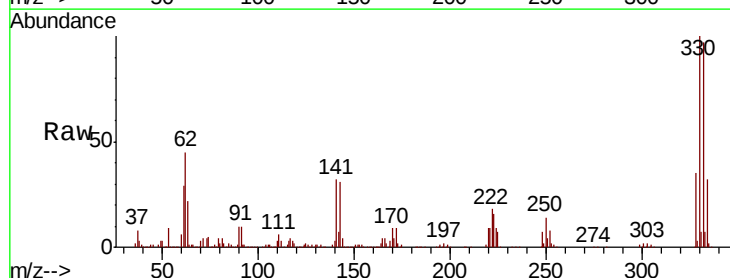


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

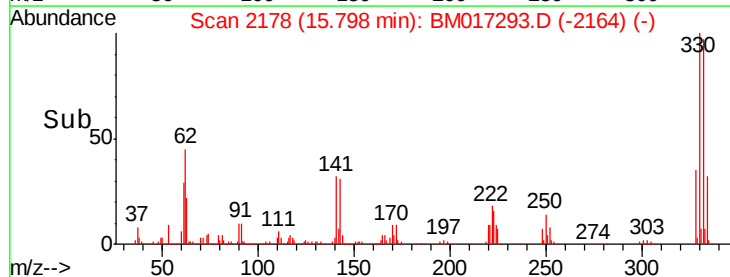
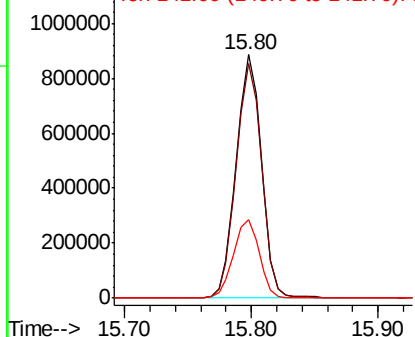


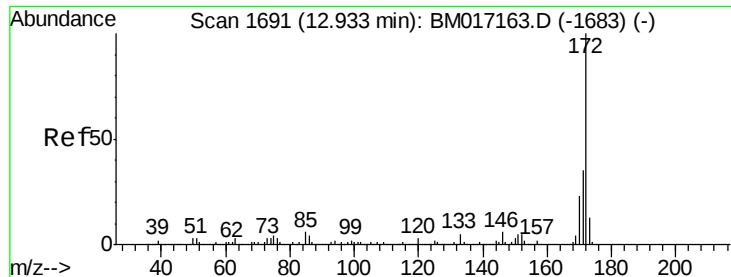
#42
2,4,6-Tribromophenol
Concen: 141.626 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BM017293.D
Acq: 23 Oct 2018 20:15

Tgt Ion:330 Resp: 1227721
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 32.7 27.4 41.0



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

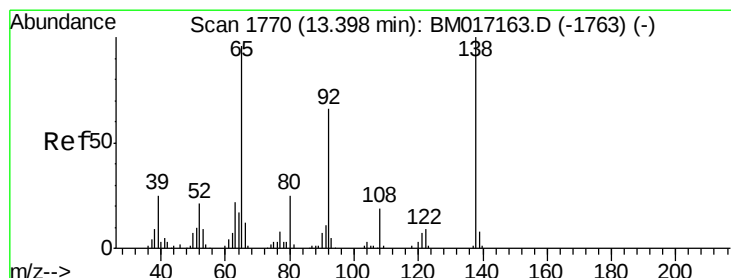
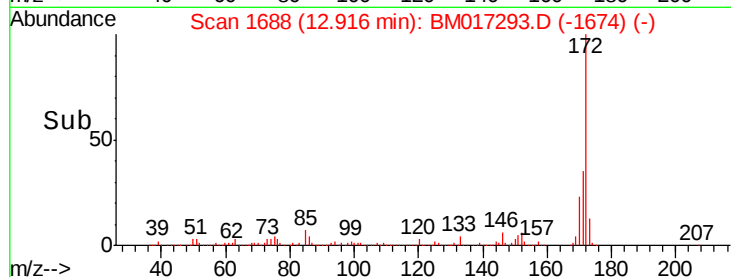
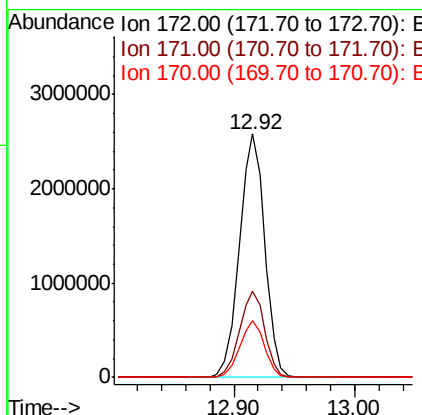
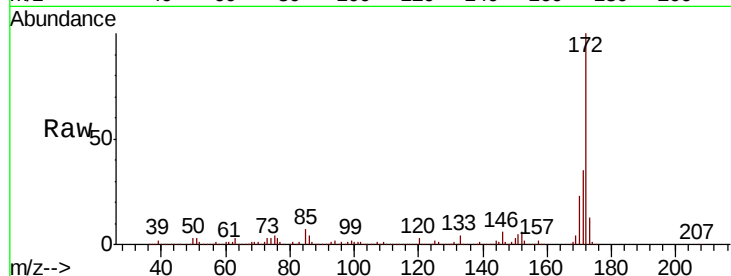




#45
2-Fluorobiphenyl
Concen: 78.086 ng
RT: 12.92 min Scan# 1688
Delta R.T. -0.02 min
Lab File: BM017293.D
Acq: 23 Oct 2018 20:15

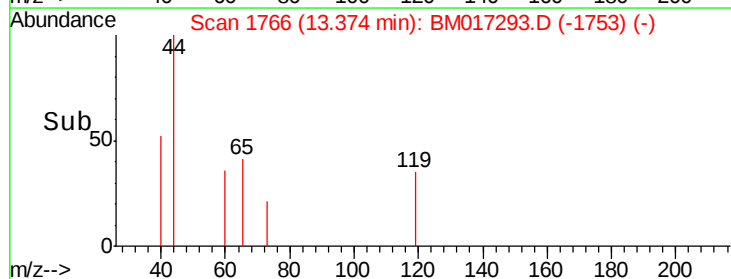
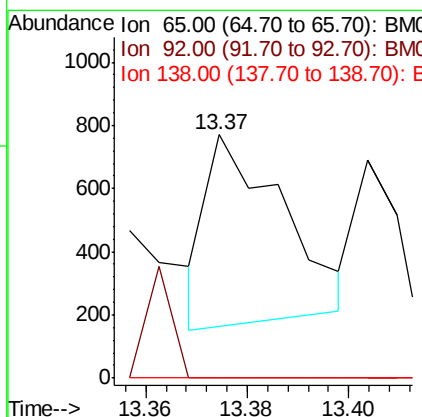
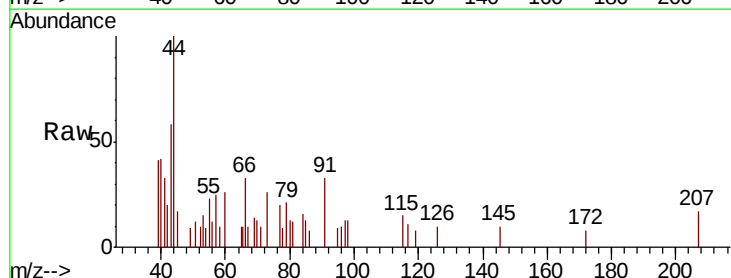
Instrument :
BNA_M
ClientSampleId :

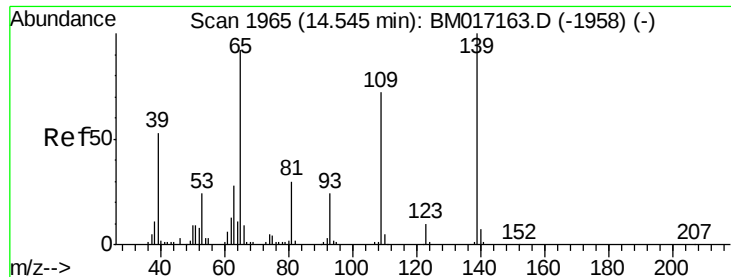
Tot Ion:172 Resp: 3761946
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.1 18.3 27.5



#48
2-Nitroaniline
Concen: 5.734 ng
RT: 13.37 min Scan# 1766
Delta R.T. -0.02 min
Lab File: BM017293.D
Acq: 23 Oct 2018 20:15

Tgt Ion: 65 Resp: 631
Ion Ratio Lower Upper
65 100
92 0.0 54.9 82.3#
138 0.0 83.7 125.5#

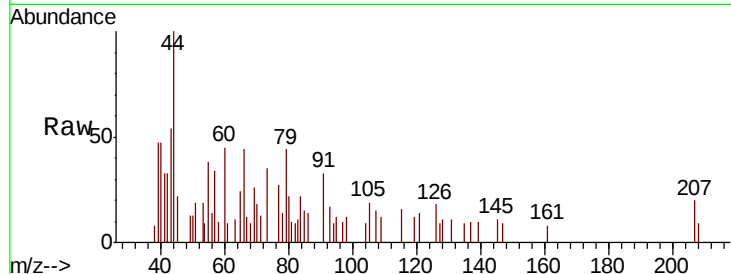




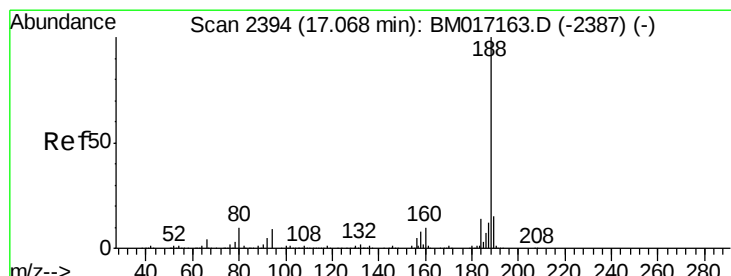
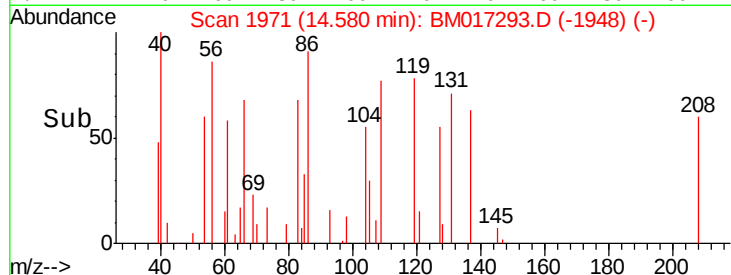
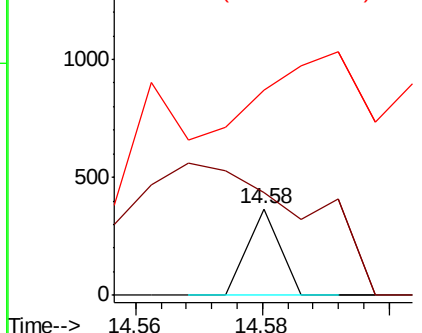
#56
4-Nitrophenol
Concen: 4.728 ng
RT: 14.58 min Scan# 1971
Delta R.T. 0.04 min
Lab File: BM017293.D
Acq: 23 Oct 2018 20:15

Instrument :
BNA_M
ClientSampled :

Tot Ion:139 Resp: 130
Ion Ratio Lower Upper
139 100
109 118.3 51.8 91.8#
65 237.3 72.1 112.1#

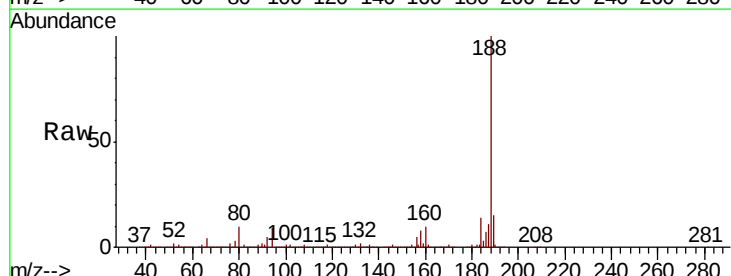


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BMC

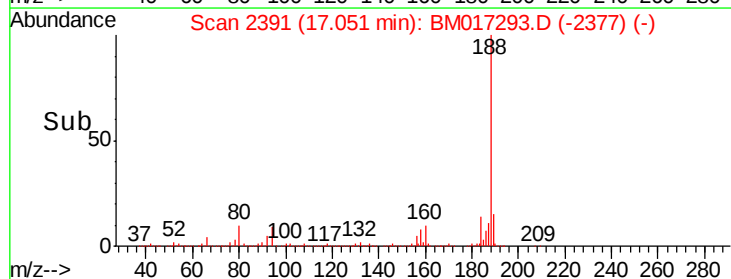
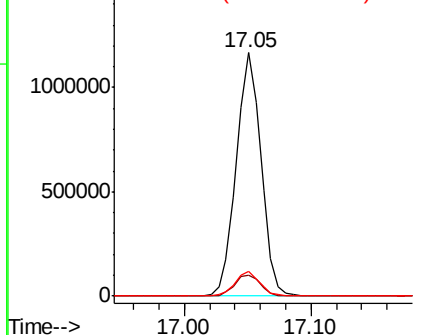


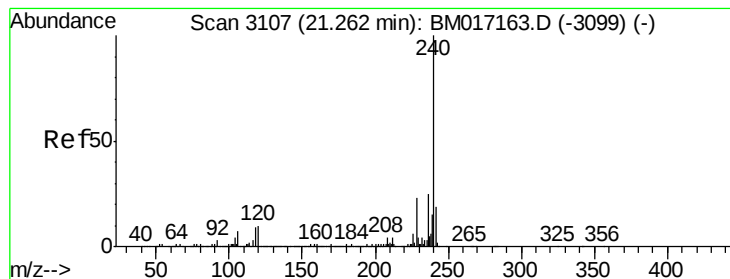
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2391
Delta R.T. -0.02 min
Lab File: BM017293.D
Acq: 23 Oct 2018 20:15

Tgt Ion:188 Resp: 1577561
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 10.3 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BMC
Ion 80.00 (79.70 to 80.70): BMC





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.24 min Scan# 3104

Delta R.T. -0.02 min

Lab File: BM017293.D

Acq: 23 Oct 2018 20:15

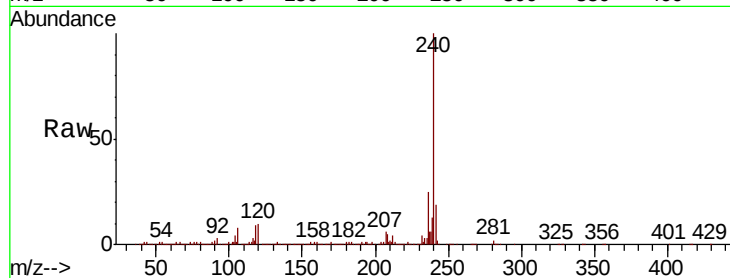
Instrument :

BNA_M

ClientSampleId :

Tot Ion:240 Resp: 1775616

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.1	12.1
236	25.2	19.9	29.9

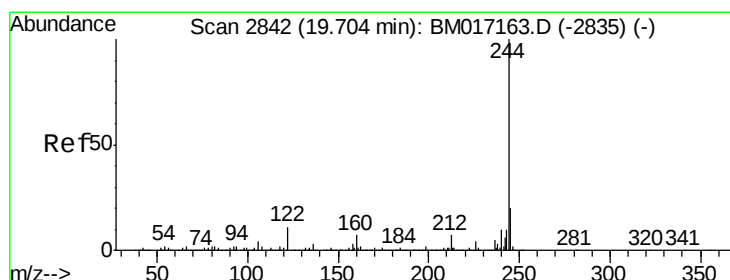
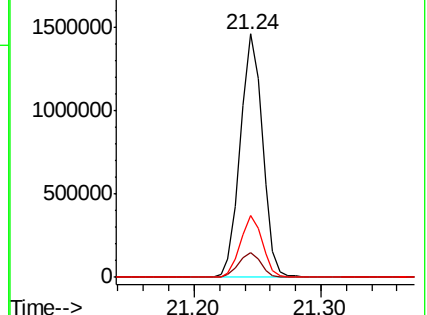
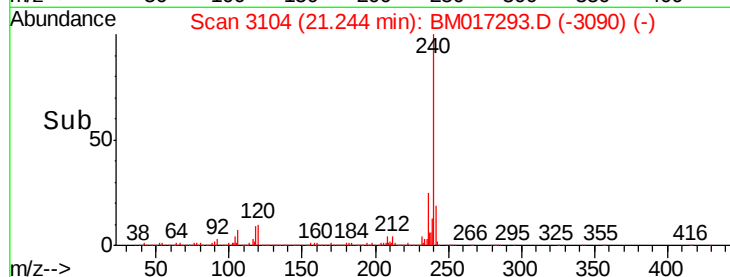


Abundance

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: 85.401 ng

RT: 19.69 min Scan# 2840

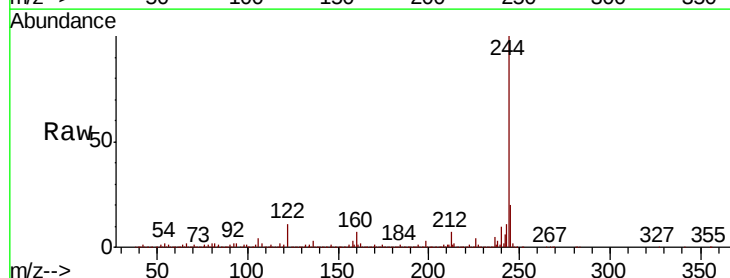
Delta R.T. -0.01 min

Lab File: BM017293.D

Acq: 23 Oct 2018 20:15

Tgt Ion:244 Resp: 6727563

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	10.6	8.4	12.6

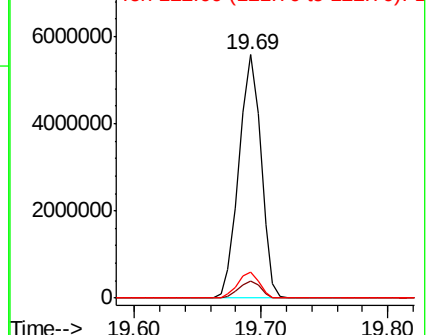
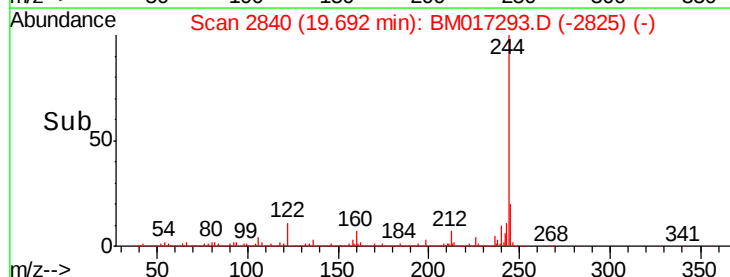


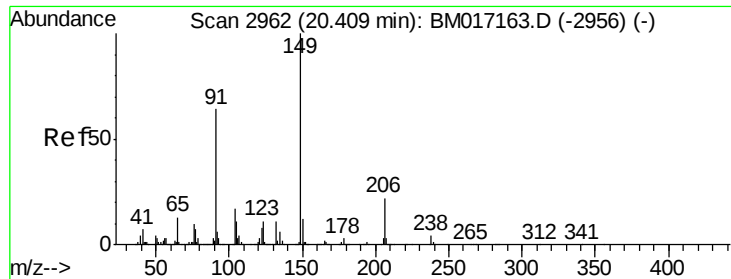
Abundance

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

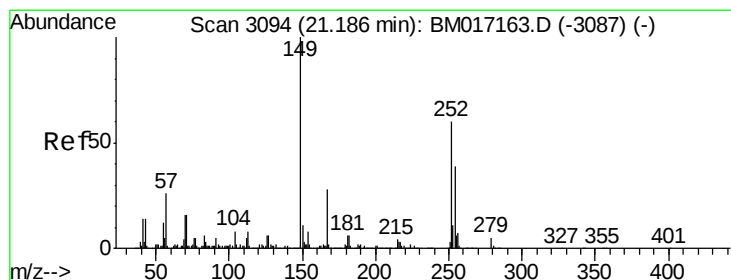
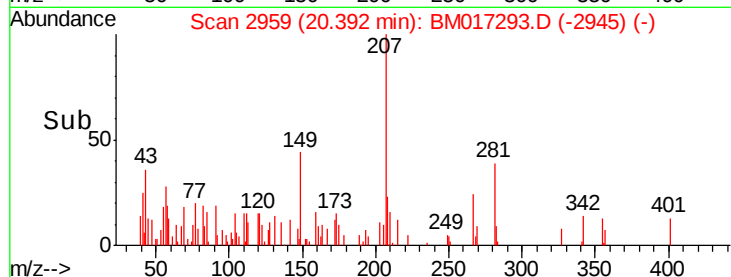
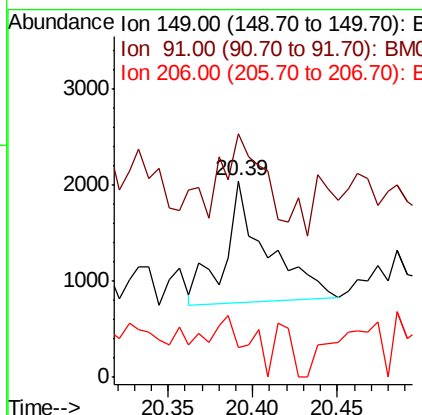
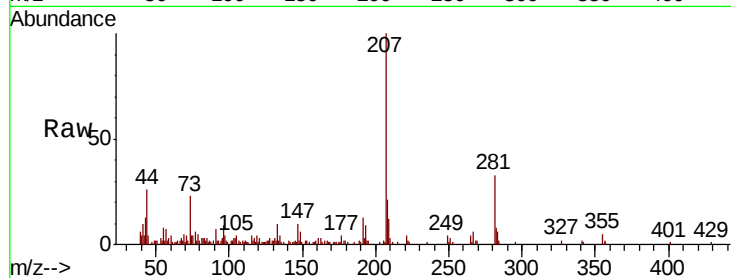




#80
 Butylbenzylphthalate
 Concen: 7.225 ng
 RT: 20.39 min Scan# 2959
 Delta R.T. -0.02 min
 Lab File: BM017293.D
 Acq: 23 Oct 2018 20:15

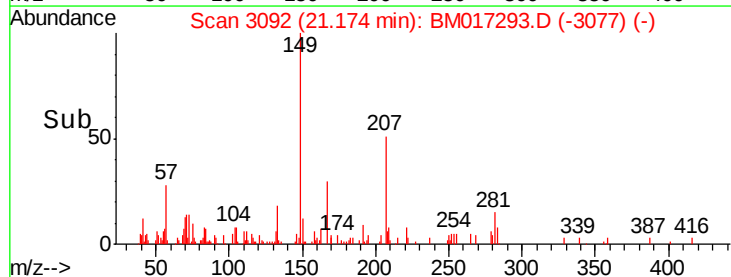
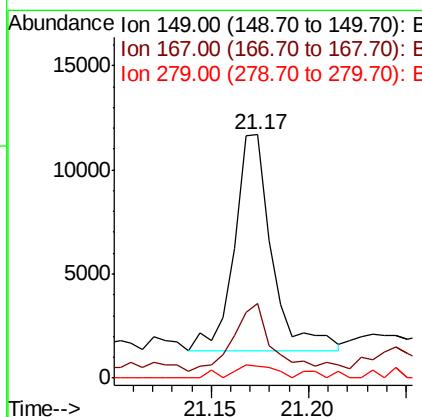
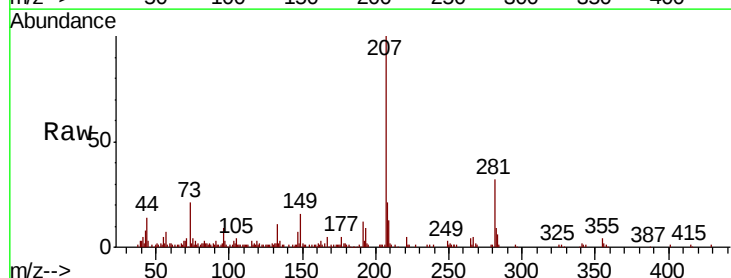
Instrument :
 BNA_M
 ClientSampleId :

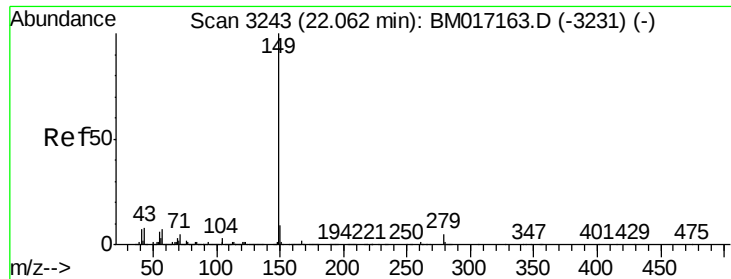
Tot Ion:149 Resp: 2181
 Ion Ratio Lower Upper
 149 100
 91 123.7 51.3 76.9#
 206 15.3 18.0 27.0#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.520 ng
 RT: 21.17 min Scan# 3092
 Delta R.T. -0.01 min
 Lab File: BM017293.D
 Acq: 23 Oct 2018 20:15

Tgt Ion:149 Resp: 13780
 Ion Ratio Lower Upper
 149 100
 167 30.6 22.2 33.4
 279 5.1 3.6 5.4

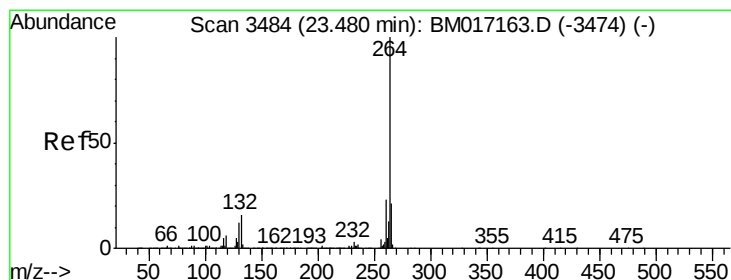
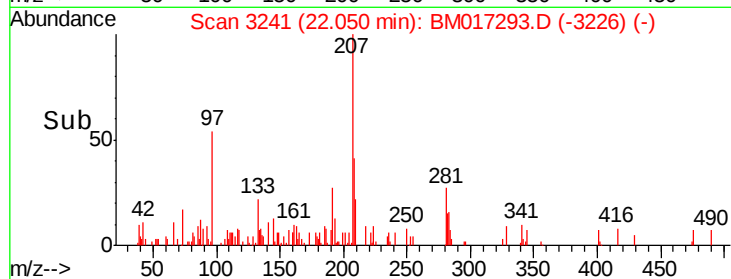
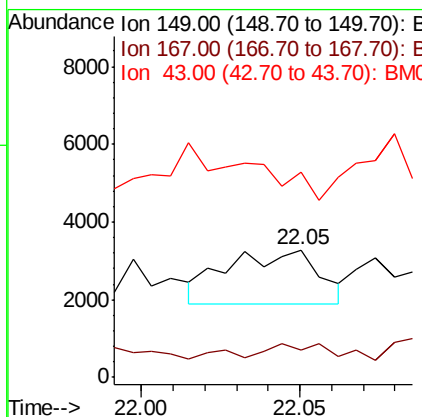
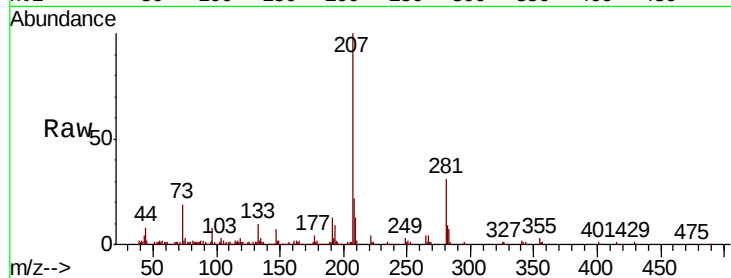




#85
Di-n-octyl phthalate
Concen: 5.596 ng
RT: 22.05 min Scan# 3241
Delta R.T. -0.01 min
Lab File: BM017293.D
Acq: 23 Oct 2018 20:15

Instrument :
BNA_M
ClientSampled :

Tot Ion:149 Resp: 2743
Ion Ratio Lower Upper
149 100
167 22.4 1.4 2.0#
43 0.0 7.2 10.8#



#87
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3480
Delta R.T. -0.02 min
Lab File: BM017293.D
Acq: 23 Oct 2018 20:15

Tgt Ion:264 Resp: 1559034
Ion Ratio Lower Upper
264 100
260 22.8 18.6 27.8
265 21.5 17.8 26.8

