

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\
 Data File : BM020129.D
 Acq On : 04 May 2019 02:07
 Operator : JU/SJ
 Sample : K2650-01DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GROUND-WATERDL

Quant Time: May 04 06:56:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

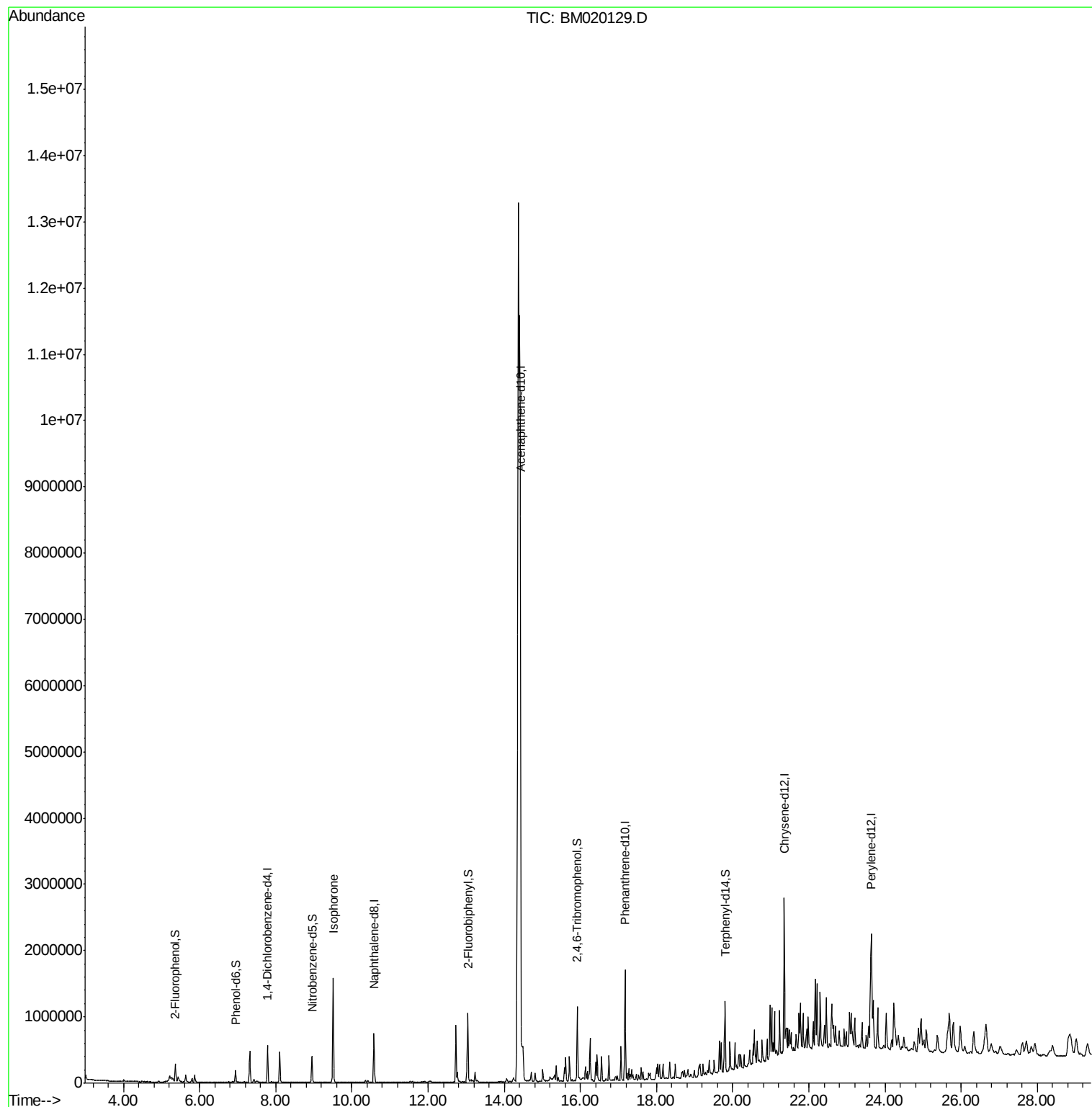
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	134063	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	549150	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	360997	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	878613	20.00	ng	0.00
76) Chrysene-d12	21.36	240	915460	20.00	ng	-0.01
87) Perylene-d12	23.64	264	1051797	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	99603	12.14	ng	0.00
7) Phenol-d6	6.94	99	95989	8.57	ng	-0.01
23) Nitrobenzene-d5	8.95	82	245235	17.63	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	115406	20.60	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	469444	16.00	ng	-0.01
79) Terphenyl-d14	19.80	244	458153	8.73	ng	-0.01
Target Compounds						
25) Isophorone	9.51	82	1145299	47.747	ng	Qvalue 99

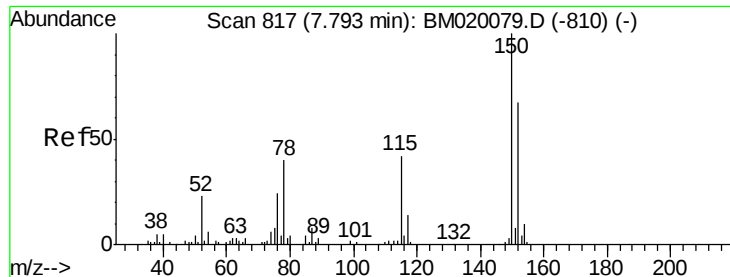
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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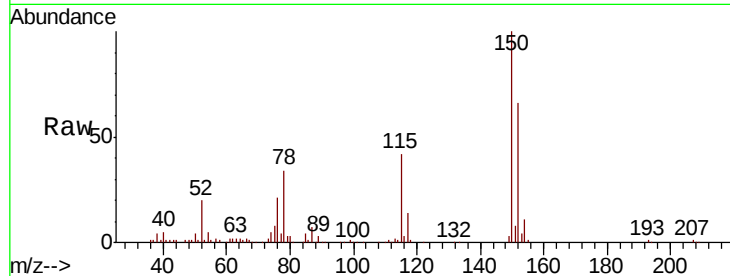


#1

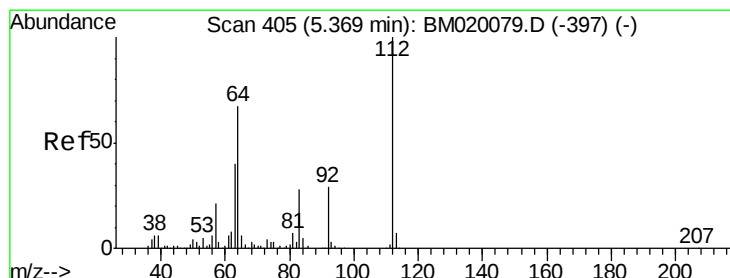
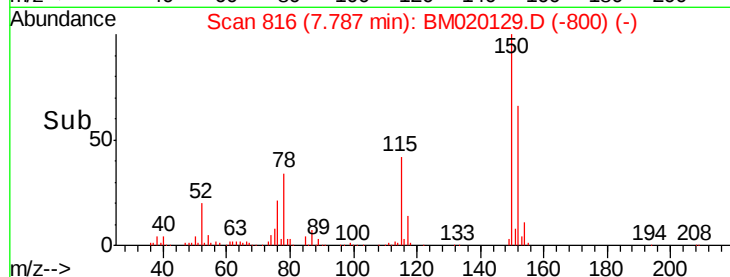
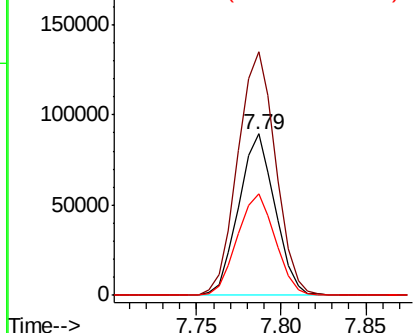
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.79 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BM020129.D
 Acq: 04 May 2019 02:07

Instrument :
 BNA_M
 ClientSampleId :
 GROUND-WATERDL

Tot Ion:152 Resp: 134063
 Ion Ratio Lower Upper
 152 100
 150 151.0 119.8 179.8
 115 63.1 50.8 76.2



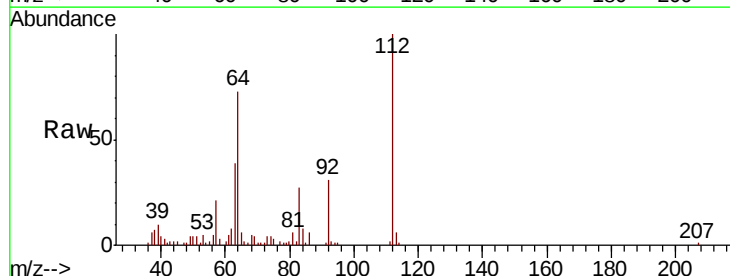
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



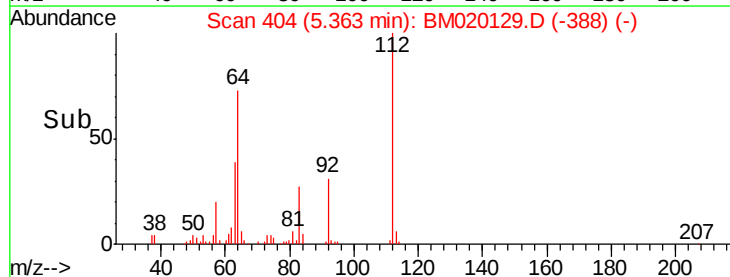
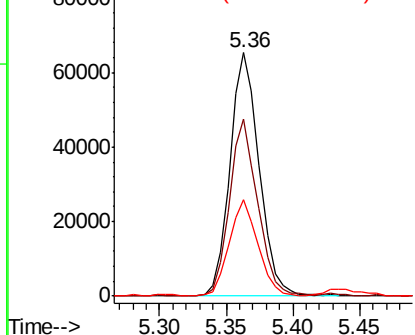
#5

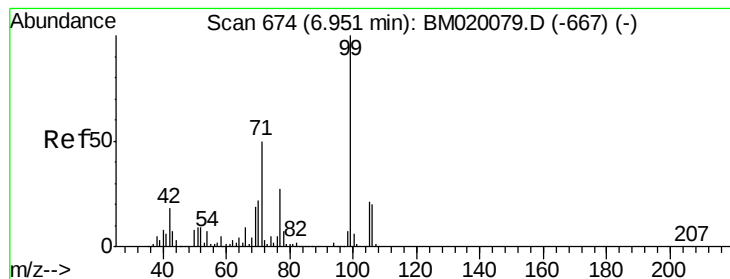
2-Fluorophenol
 Concen: 12.144 ng
 RT: 5.36 min Scan# 404
 Delta R.T. -0.01 min
 Lab File: BM020129.D
 Acq: 04 May 2019 02:07

Tgt Ion:112 Resp: 99603
 Ion Ratio Lower Upper
 112 100
 64 72.6 53.8 80.6
 63 39.4 32.3 48.5



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: 8.567 ng

RT: 6.94 min Scan# 672

Delta R.T. -0.01 min

Lab File: BM020129.D

Acq: 04 May 2019 02:07

Instrument :

BNA_M

ClientSampleId :

GROUND-WATERDL

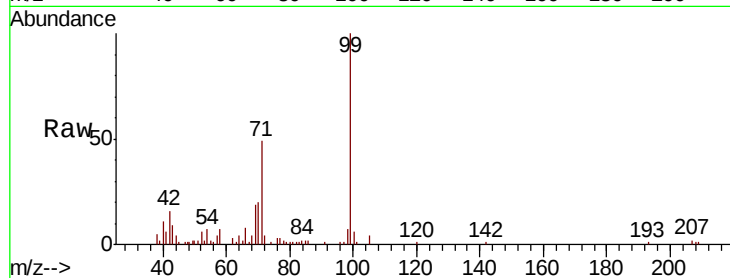
Tot Ion: 99 Resp: 95989

Ion Ratio Lower Upper

99 100

42 15.5 14.2 21.2

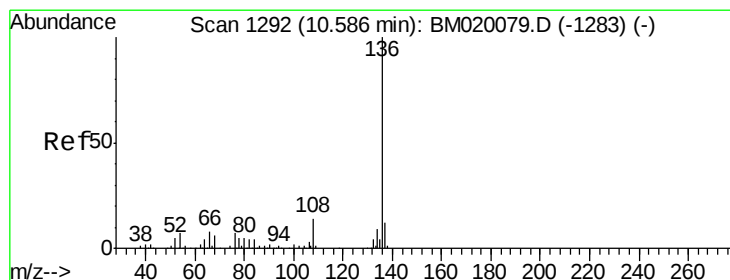
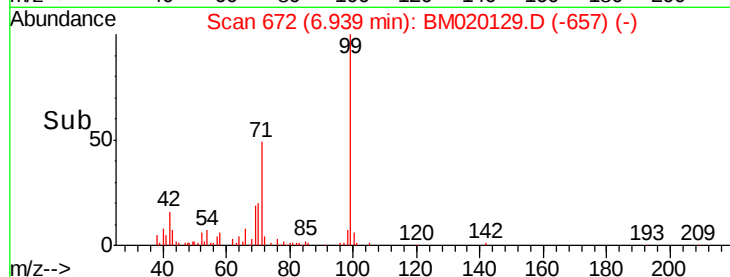
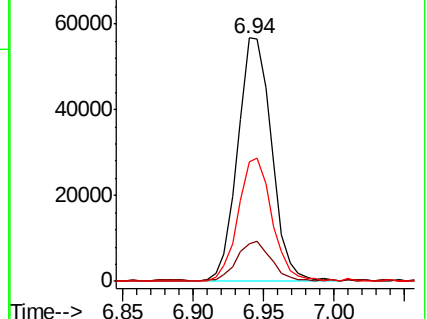
71 48.9 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020129.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020129.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020129.D (-667) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.58 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BM020129.D

Acq: 04 May 2019 02:07

Tgt Ion: 136 Resp: 549150

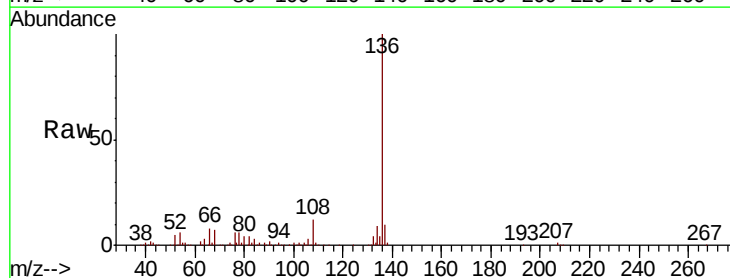
Ion Ratio Lower Upper

136 100

137 10.4 9.6 14.4

54 6.1 5.5 8.3

68 6.7 4.6 6.8

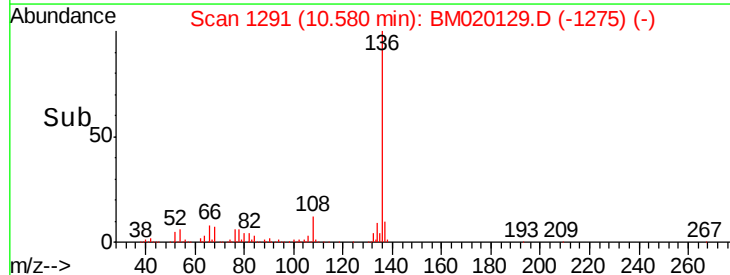
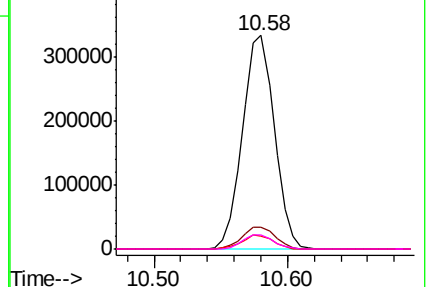


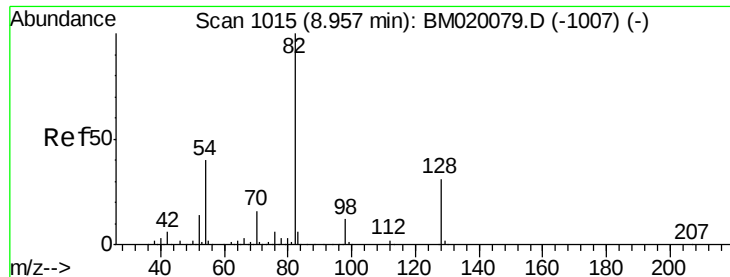
Abundance Ion 136.00 (135.70 to 136.70): BM020129.D (-1275) (-)

Ion 137.00 (136.70 to 137.70): BM020129.D (-1275) (-)

Ion 54.00 (53.70 to 54.70): BM020129.D (-1275) (-)

Ion 68.00 (67.70 to 68.70): BM020129.D (-1275) (-)

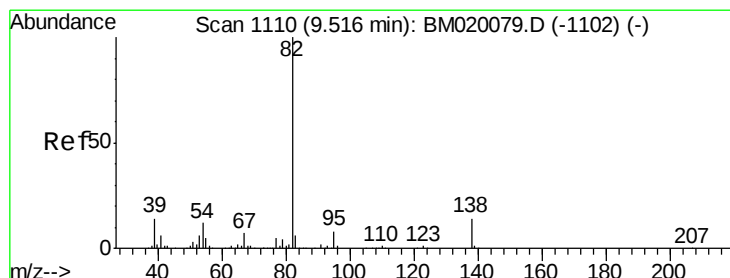
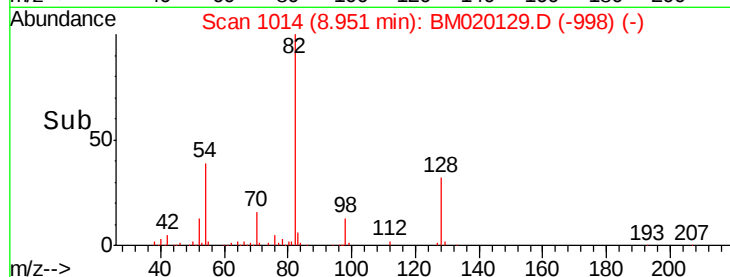
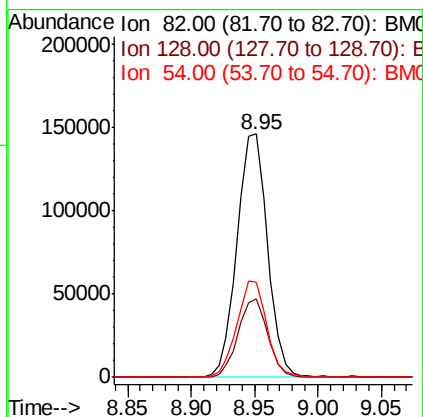
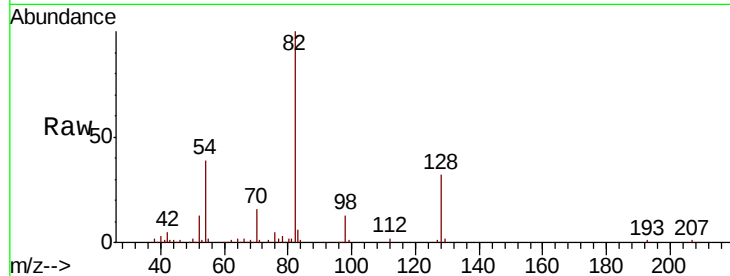




#23
Nitrobenzene-d5
Concen: 17.631 ng
RT: 8.95 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BM020129.D
Acq: 04 May 2019 02:07

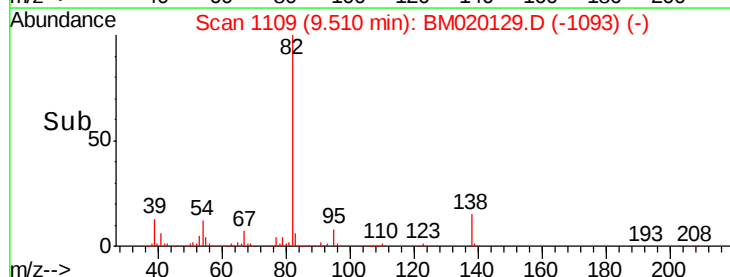
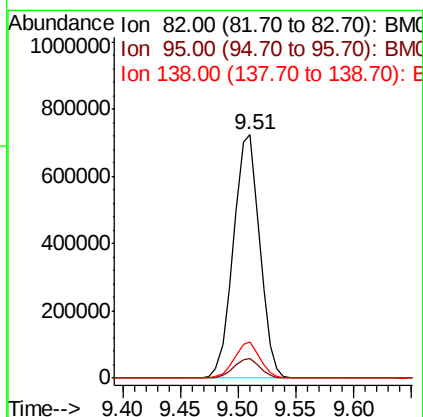
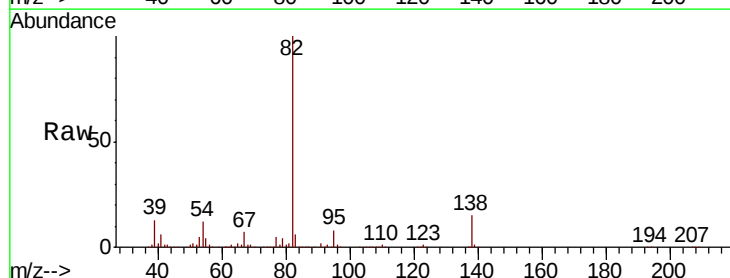
Instrument :
BNA_M
ClientSampleId :
GROUND-WATERDL

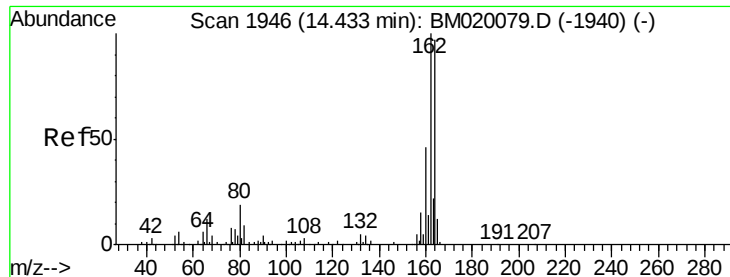
Tot Ion	82	Resp	245235
Ion Ratio	Lower	Upper	
82	100		
128	32.1	25.2	37.8
54	38.9	31.9	47.9



#25
Isophorone
Concen: 47.747 ng
RT: 9.51 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BM020129.D
Acq: 04 May 2019 02:07

Tgt Ion	82	Resp	1145299
Ion Ratio	Lower	Upper	
82	100		
95	8.0	6.4	9.6
138	14.6	11.1	16.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BM020129.D

Acq: 04 May 2019 02:07

Instrument :

BNA_M

ClientSampleId :

GROUND-WATERDL

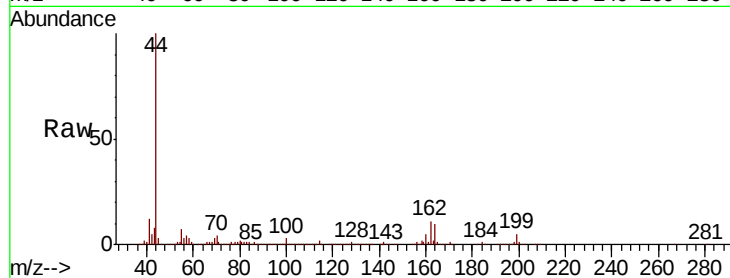
Tot Ion:164 Resp: 360997

Ion Ratio Lower Upper

164 100

162 106.2 82.2 123.2

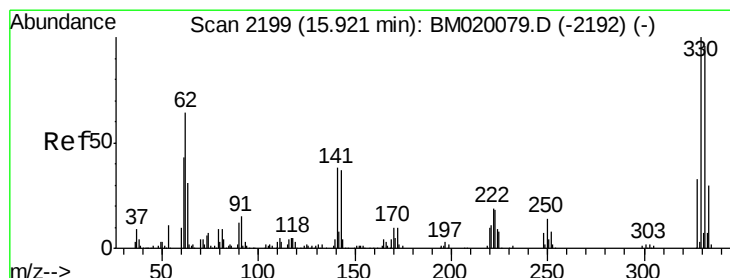
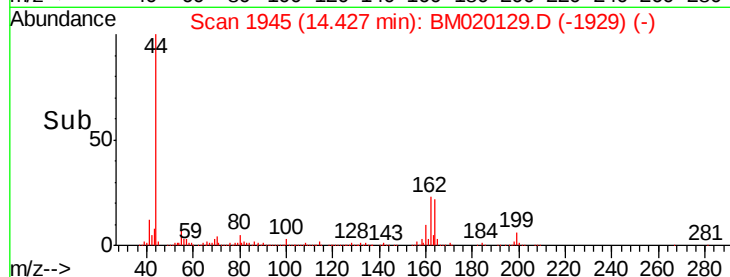
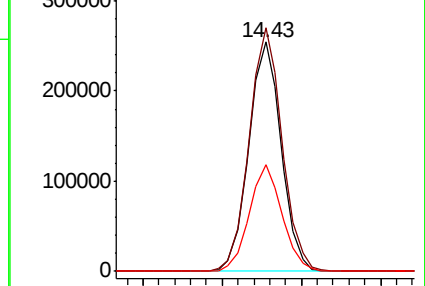
160 46.7 37.6 56.4



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: 20.596 ng

RT: 15.92 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BM020129.D

Acq: 04 May 2019 02:07

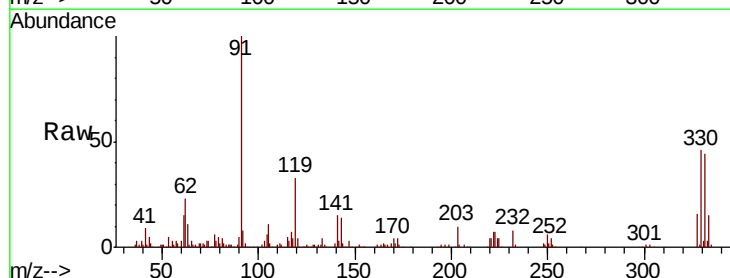
Tgt Ion:330 Resp: 115406

Ion Ratio Lower Upper

330 100

332 96.7 76.8 115.2

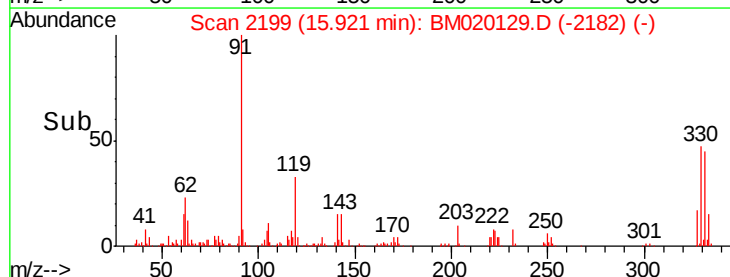
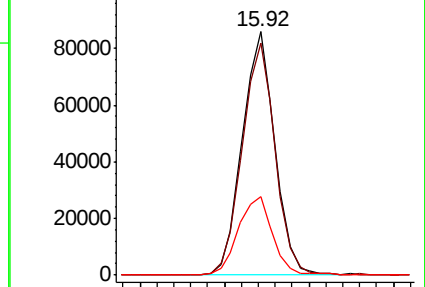
141 34.0 29.2 43.8

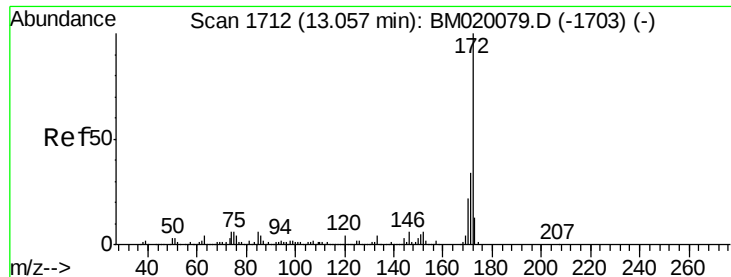


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

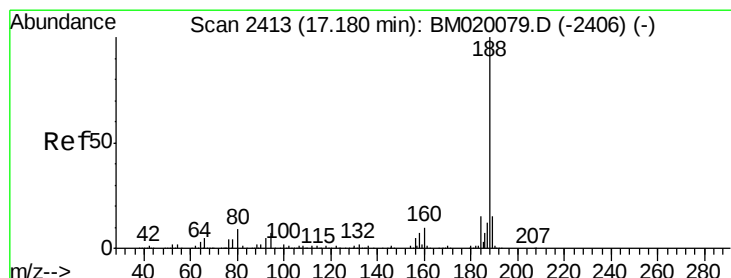
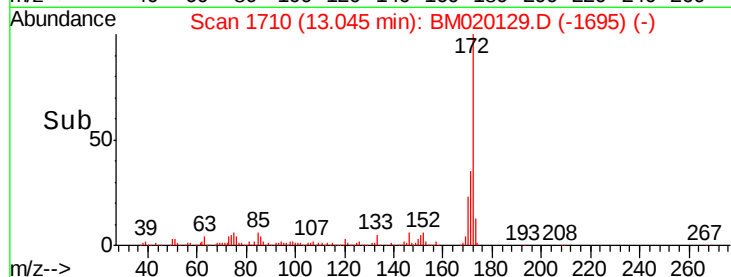
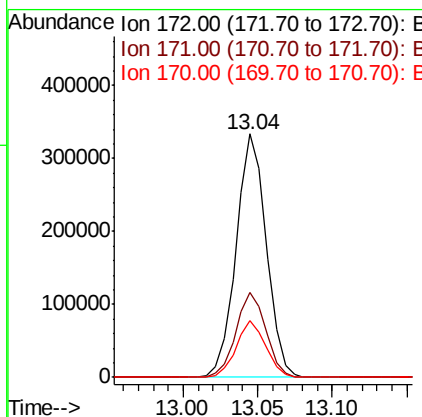
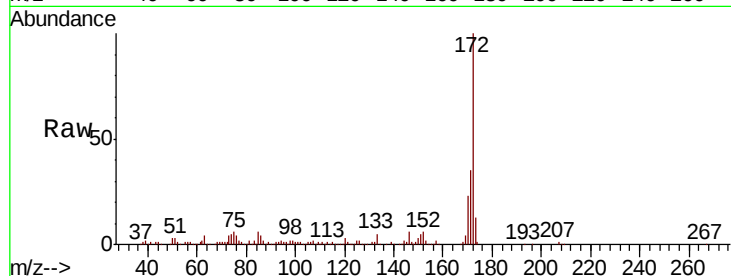




#45
 2-Fluorobiphenyl
 Concen: 16.000 ng
 RT: 13.04 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BM020129.D
 Acq: 04 May 2019 02:07

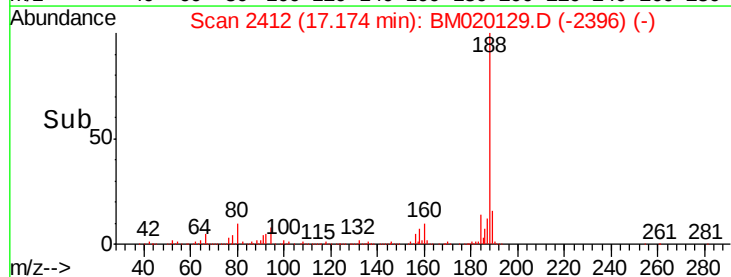
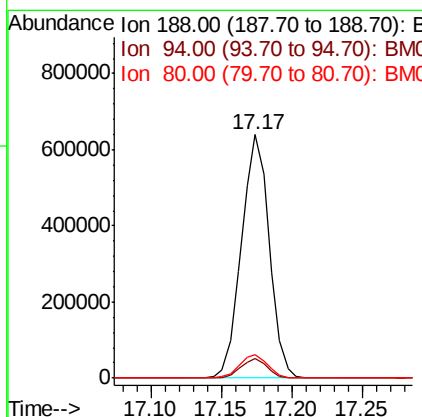
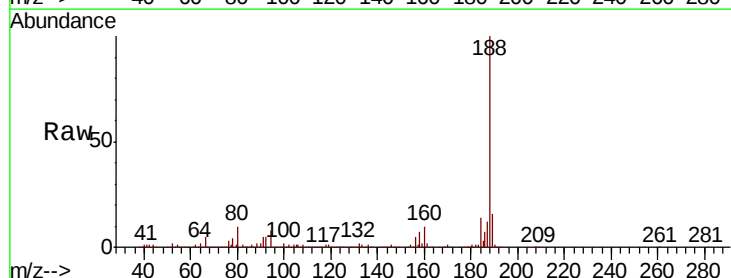
Instrument :
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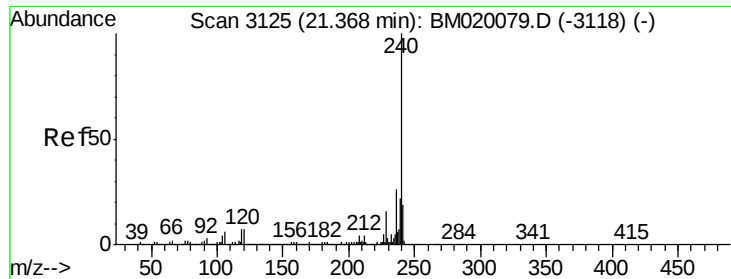
Tot Ion:172 Resp: 469444
 Ion Ratio Lower Upper
 172 100
 171 34.8 27.3 40.9
 170 23.1 17.9 26.9



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.17 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BM020129.D
 Acq: 04 May 2019 02:07

Tgt Ion:188 Resp: 878613
 Ion Ratio Lower Upper
 188 100
 94 8.0 5.8 8.6
 80 9.7 7.4 11.2

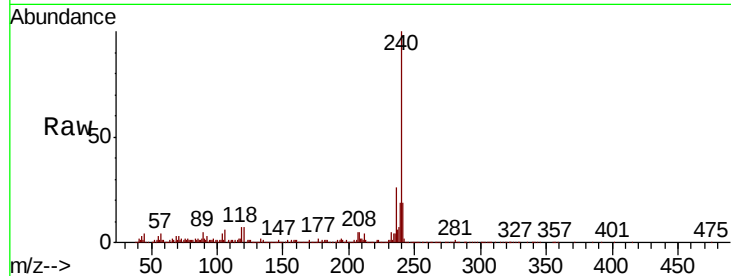




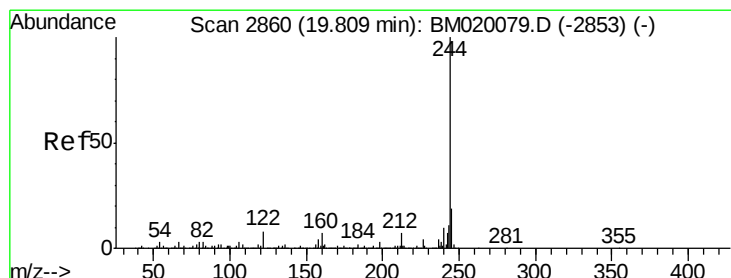
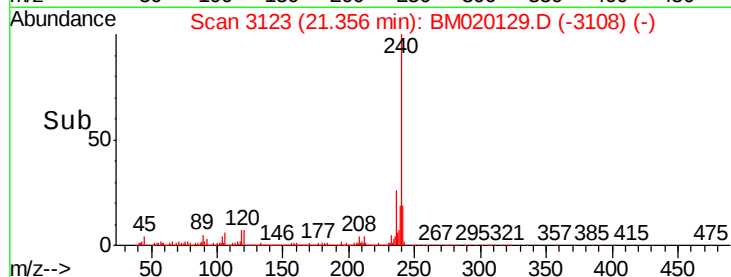
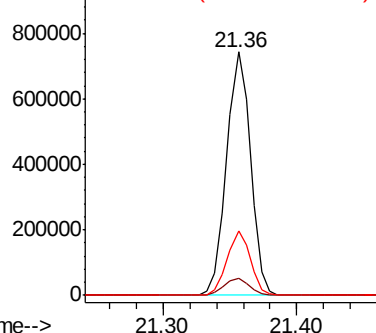
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BM020129.D
Acq: 04 May 2019 02:07

Instrument :
BNA_M
ClientSampleId :
GROUND-WATERDL

Tot Ion:240 Resp: 915460
Ion Ratio Lower Upper
240 100
120 7.1 5.6 8.4
236 26.5 20.9 31.3

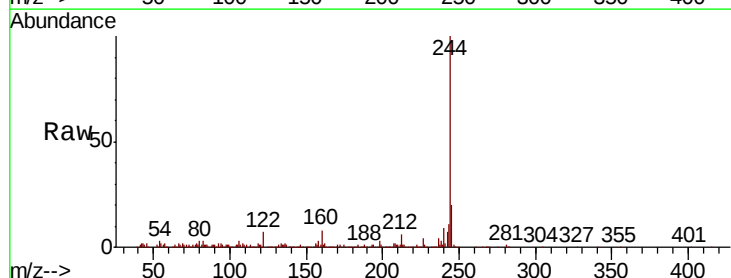


Abundance Ion 240.00 (239.70 to 240.70): E
1000000 Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

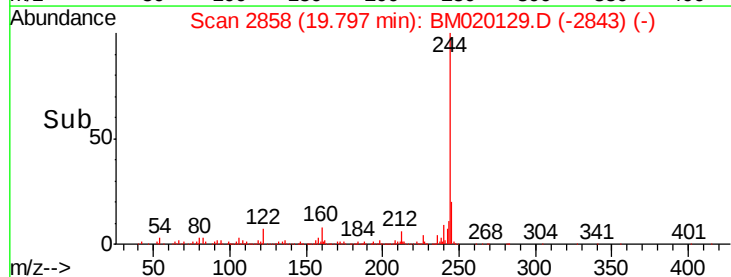
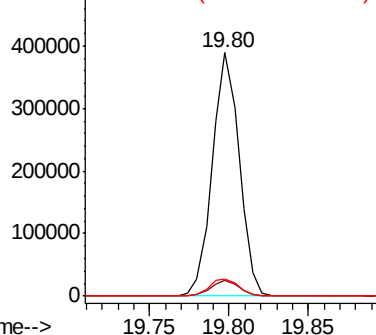


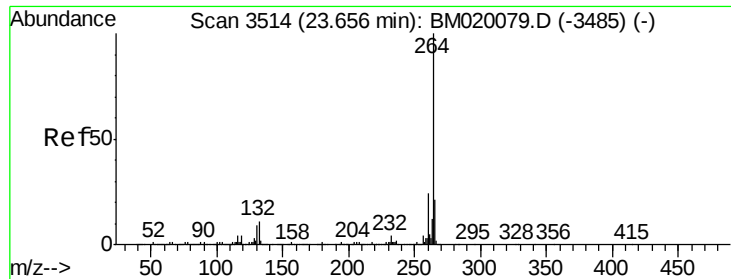
#79
Terphenyl-d14
Concen: 8.729 ng
RT: 19.80 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BM020129.D
Acq: 04 May 2019 02:07

Tgt Ion:244 Resp: 458153
Ion Ratio Lower Upper
244 100
212 6.5 5.7 8.5
122 6.8 6.2 9.2



Abundance Ion 244.00 (243.70 to 244.70): E
500000 Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



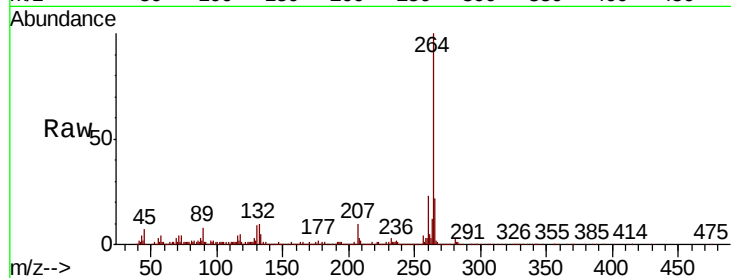


#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.64 min Scan# 3512
 Delta R.T. -0.01 min
 Lab File: BM020129.D
 Acq: 04 May 2019 02:07

Instrument :
 BNA_M
 ClientSampleId :
 GROUND-WATERDL

Tot Ion:264 Resp: 1051797

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	22.4	16.9	25.3



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

