

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050119\
 Data File : BM020091.D
 Acq On : 01 May 2019 15:37
 Operator : JU/SJ
 Sample : K2624-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CONCRETE-B

Quant Time: May 02 01:29:50 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

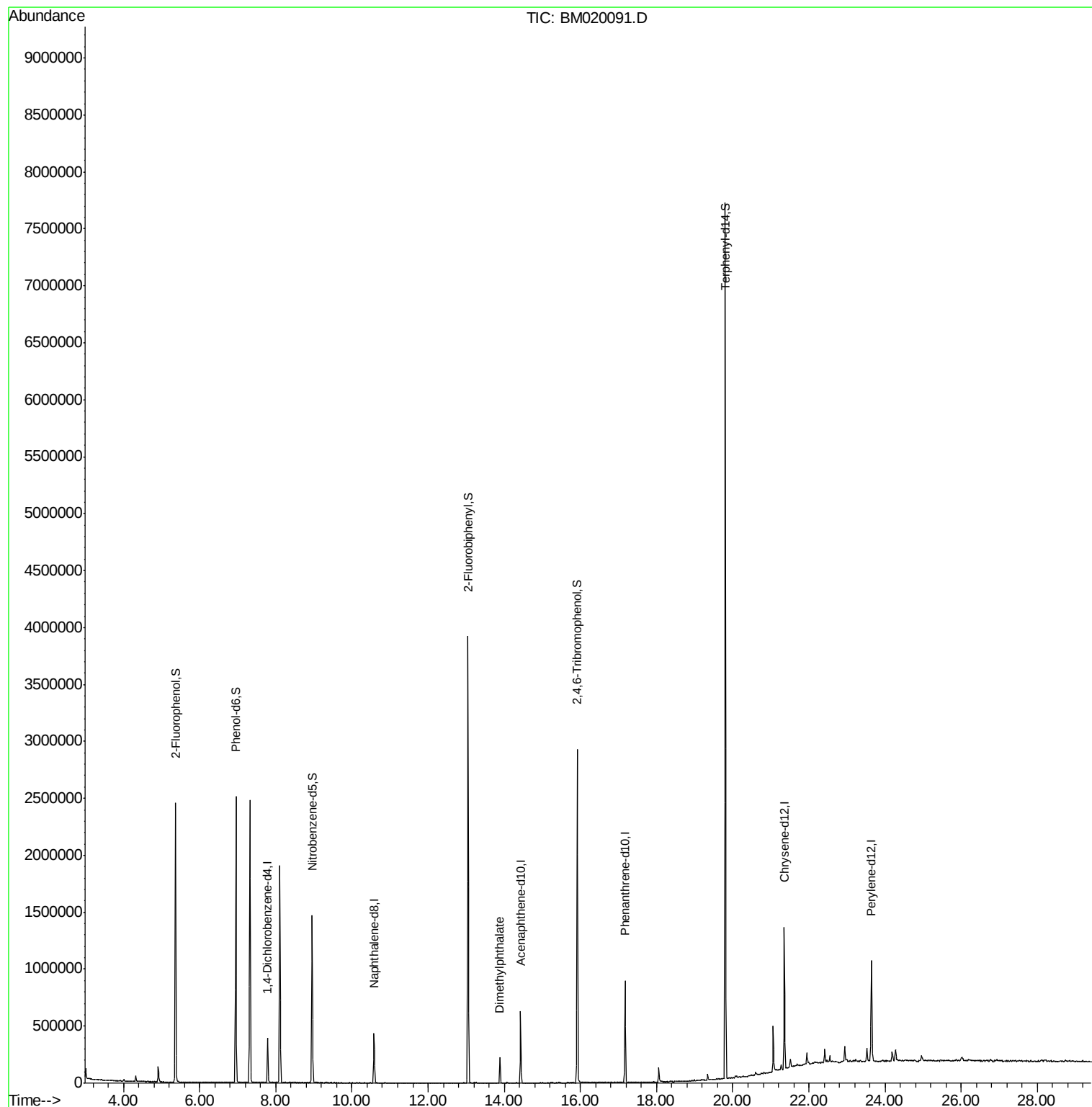
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	89885	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	319202	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	194274	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	481310	20.00	ng	0.00
76) Chrysene-d12	21.36	240	547640	20.00	ng	-0.01
87) Perylene-d12	23.64	264	632864	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	851618	154.87	ng	0.00
7) Phenol-d6	6.95	99	1220808	162.51	ng	0.00
23) Nitrobenzene-d5	8.95	82	891586	110.27	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	490337	162.61	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1787378	113.20	ng	0.00
79) Terphenyl-d14	19.80	244	3404657	108.44	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.89	163	127594	7.727	ng	Qvalue 99

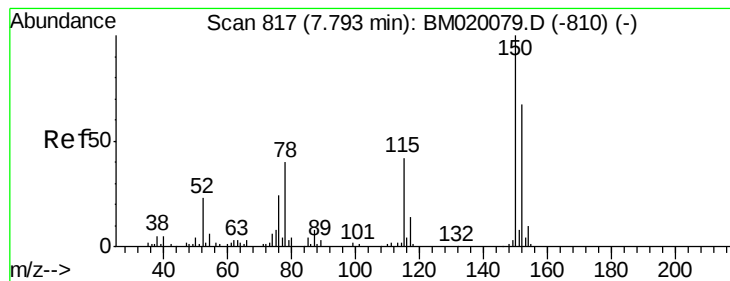
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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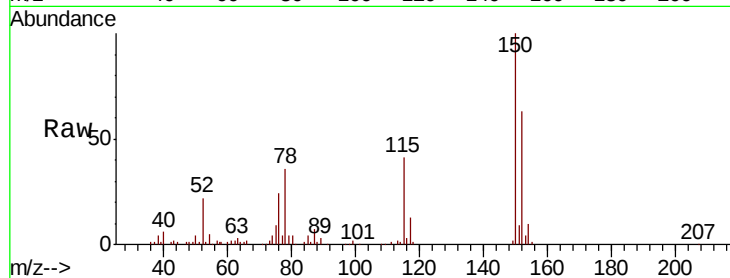


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.79 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BM020091.D
 Acq: 01 May 2019 15:37

Instrument :
 BNA_M
 ClientSampleId :
 CONCRETE-B

Tot Ion	152	Resp	89885
Ion Ratio	Lower	Upper	
152	100		
150	158.2	119.8	179.8
115	64.4	50.8	76.2

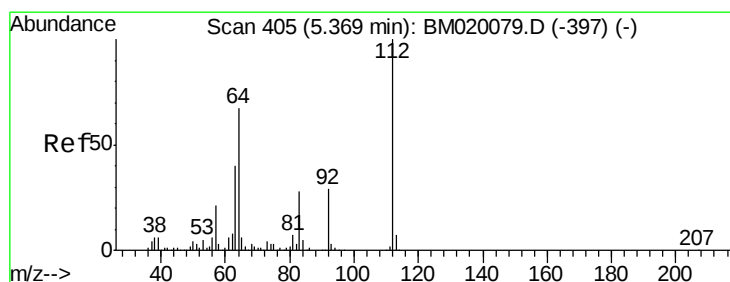
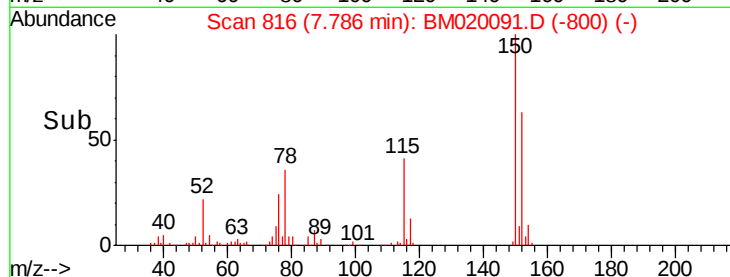
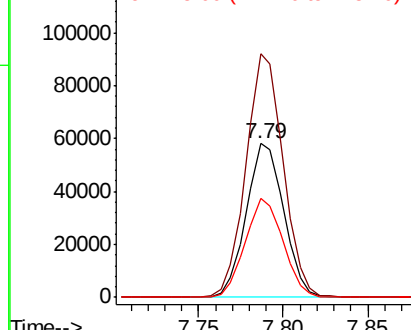


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

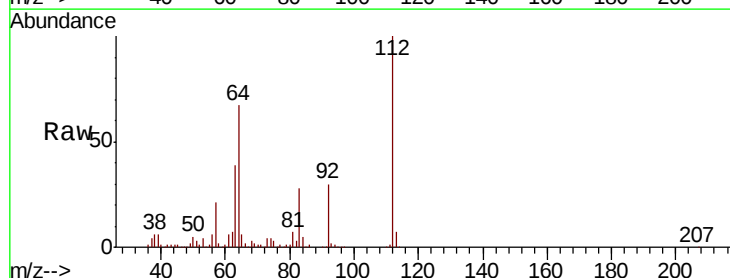
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 154.870 ng
 RT: 5.37 min Scan# 405
 Delta R.T. -0.00 min
 Lab File: BM020091.D
 Acq: 01 May 2019 15:37

Tgt Ion	112	Resp	851618
Ion Ratio	Lower	Upper	
112	100		
64	67.3	53.8	80.6
63	38.8	32.3	48.5

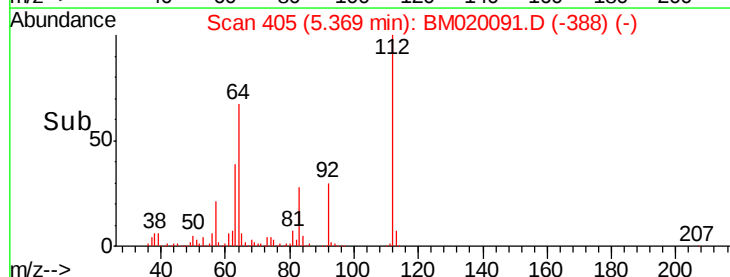
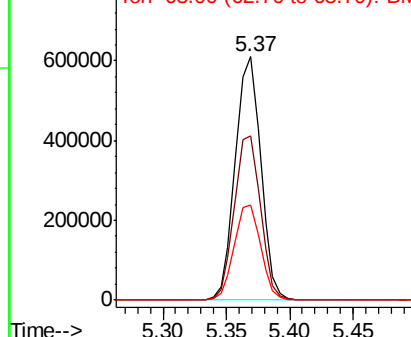


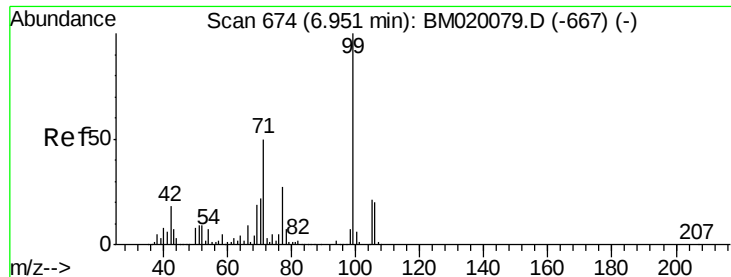
Abundance

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: 162.508 ng

RT: 6.95 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM020091.D

Acq: 01 May 2019 15:37

Instrument :

BNA_M

ClientSampleId :

CONCRETE-B

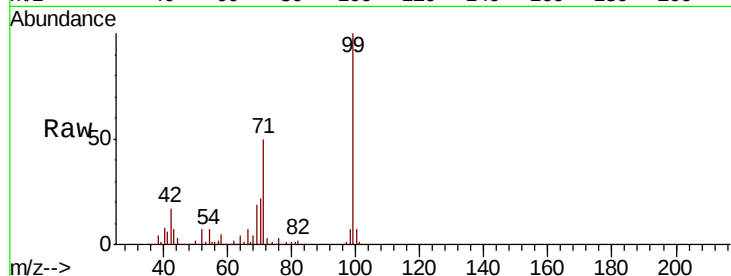
Tot Ion: 99 Resp: 1220808

Ion Ratio Lower Upper

99 100

42 17.0 14.2 21.2

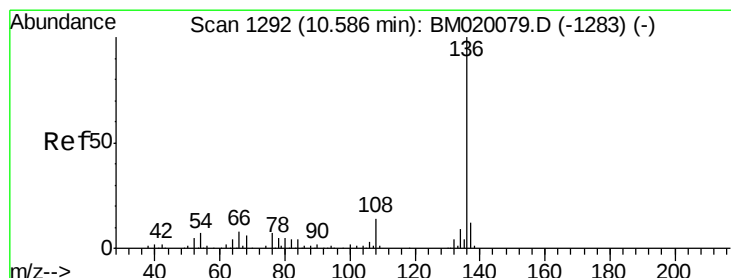
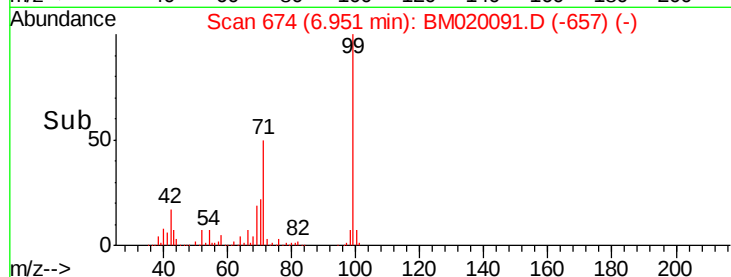
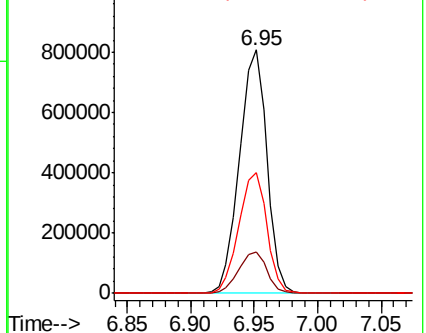
71 49.8 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020079.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020079.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020079.D (-667) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.58 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BM020091.D

Acq: 01 May 2019 15:37

Tgt Ion: 136 Resp: 319202

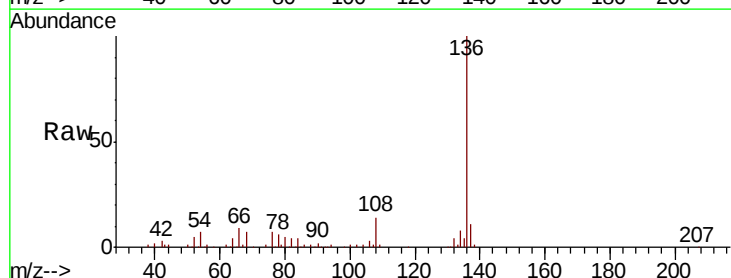
Ion Ratio Lower Upper

136 100

137 11.0 9.6 14.4

54 6.8 5.5 8.3

68 6.7 4.6 6.8

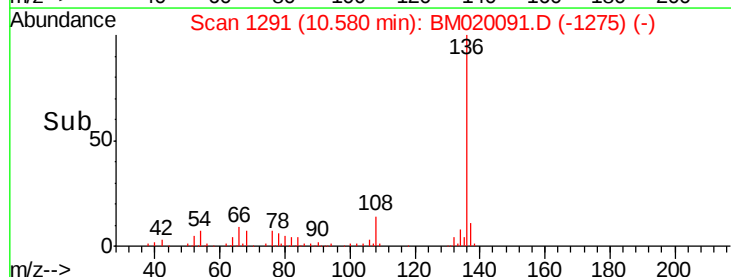
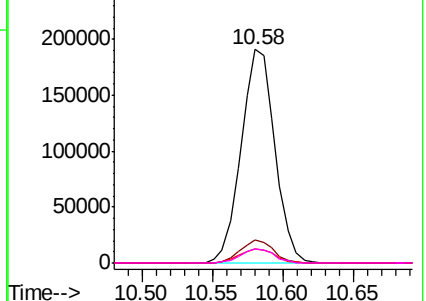


Abundance Ion 136.00 (135.70 to 136.70): BM020079.D (-1283) (-)

Ion 137.00 (136.70 to 137.70): BM020079.D (-1283) (-)

Ion 54.00 (53.70 to 54.70): BM020079.D (-1283) (-)

Ion 68.00 (67.70 to 68.70): BM020079.D (-1283) (-)

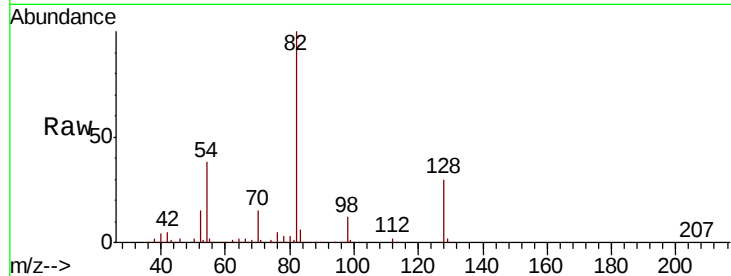




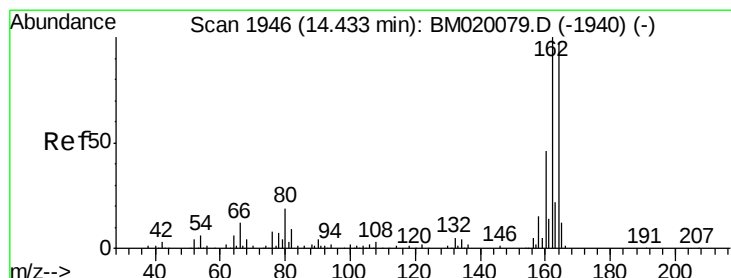
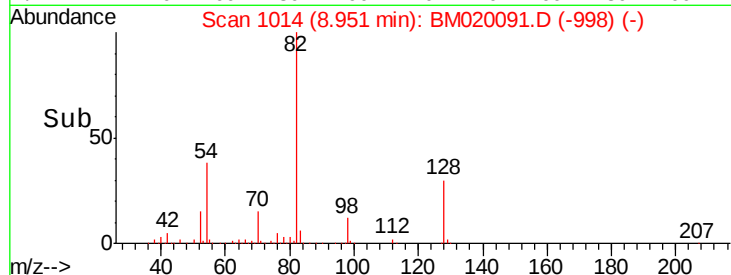
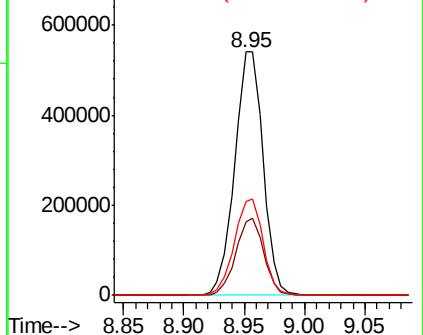
#23
Nitrobenzene-d5
Concen: 110.275 ng
RT: 8.95 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BM020091.D
Acq: 01 May 2019 15:37

Instrument :
BNA_M
ClientSampleId :
CONCRETE-B

Tot Ion	82	Resp	891586
Ion Ratio	Lower	Upper	
82	100		
128	30.3	25.2	37.8
54	38.4	31.9	47.9

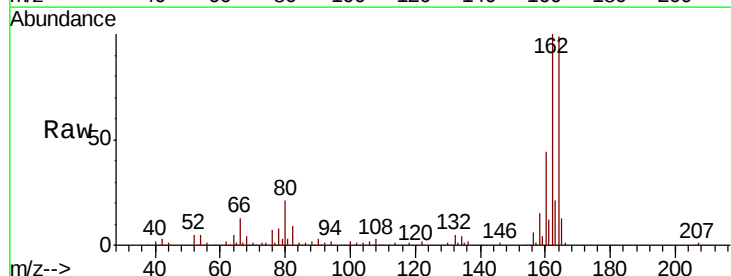


Abundance Ion 82.00 (81.70 to 82.70): BM020079.D (-1007) (-)

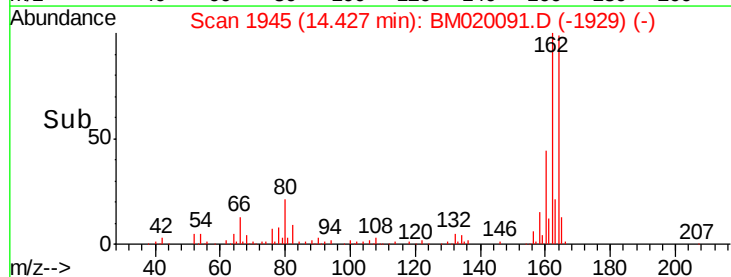
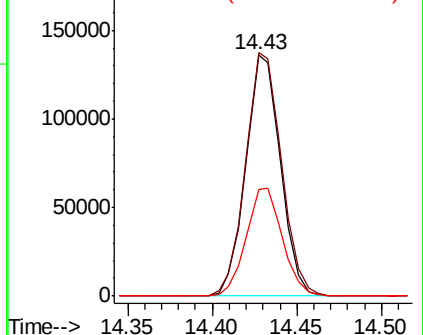


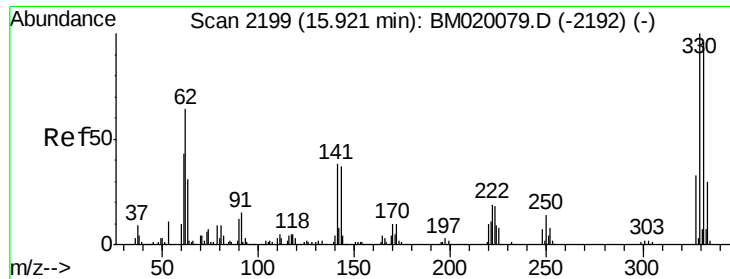
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM020091.D
Acq: 01 May 2019 15:37

Tgt Ion	164	Resp	194274
Ion Ratio	Lower	Upper	
164	100		
162	100.8	82.2	123.2
160	44.4	37.6	56.4



Abundance Ion 164.00 (163.70 to 164.70): BM020079.D (-1940) (-)

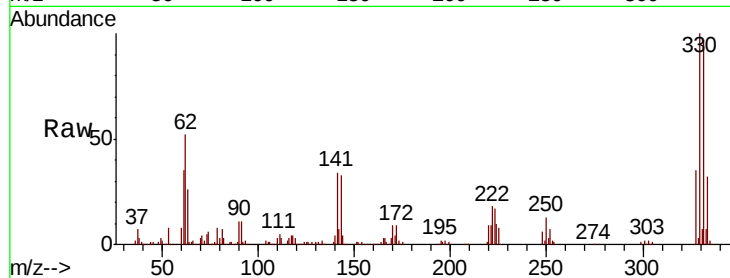




#42
 2,4,6-Tribromophenol
 Concen: 162.606 ng
 RT: 15.92 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BM020091.D
 Acq: 01 May 2019 15:37

Instrument :
 BNA_M
 ClientSampleId :
 CONCRETE-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.8	115.2
141	35.5	29.2	43.8

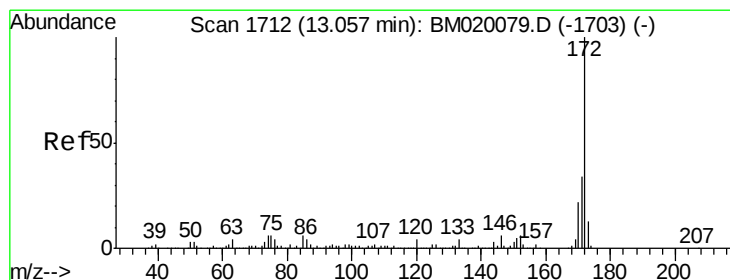
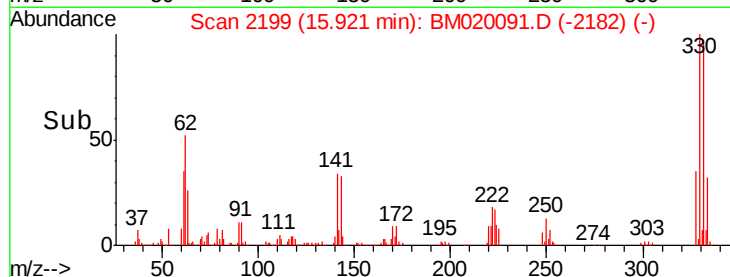
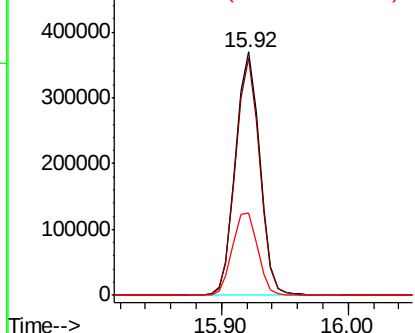


Abundance

Ion 329.80 (329.50 to 330.50): E

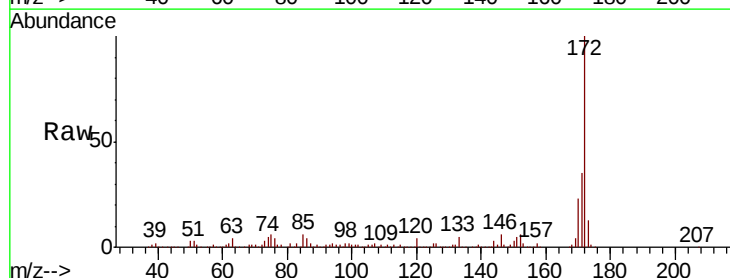
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 113.197 ng
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BM020091.D
 Acq: 01 May 2019 15:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.3	40.9
170	22.8	17.9	26.9

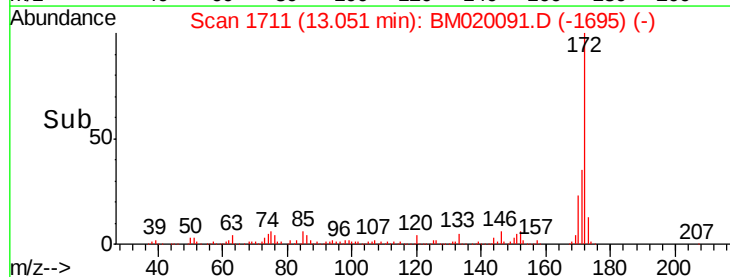
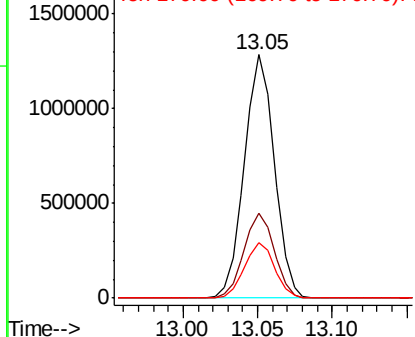


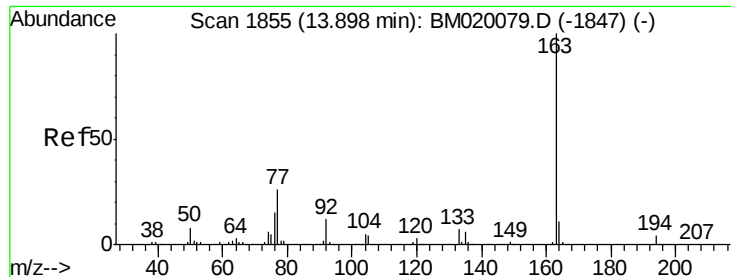
Abundance

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





#50

Dimethylphthalate

Concen: 7.727 ng

RT: 13.89 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM020091.D

Acq: 01 May 2019 15:37

Instrument :

BNA_M

ClientSampleId :

CONCRETE-B

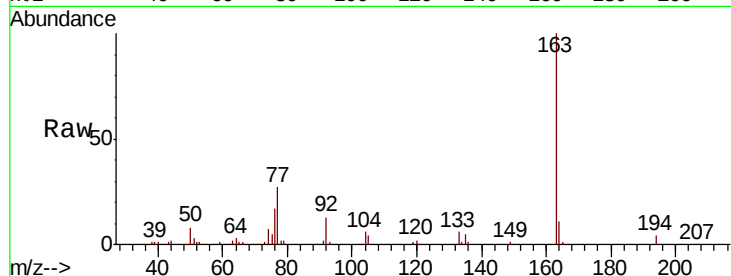
Tot Ion:163 Resp: 127594

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

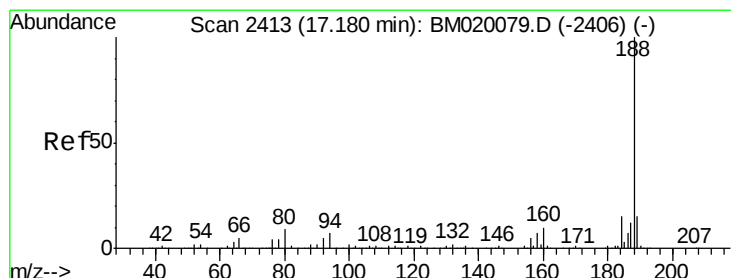
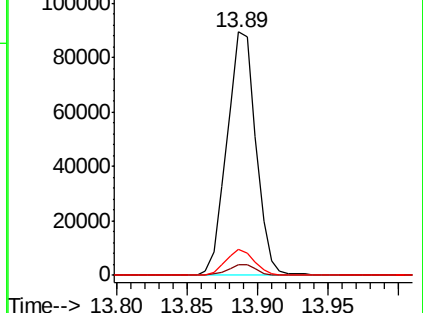
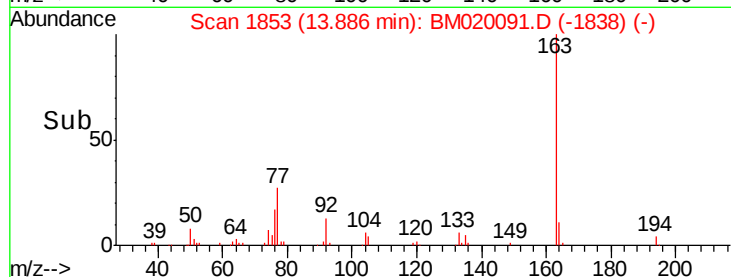
164 10.9 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.17 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BM020091.D

Acq: 01 May 2019 15:37

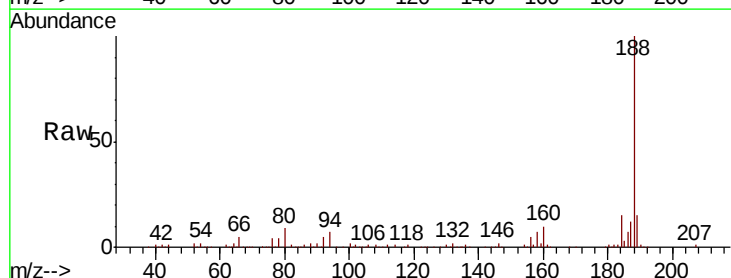
Tgt Ion:188 Resp: 481310

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.6

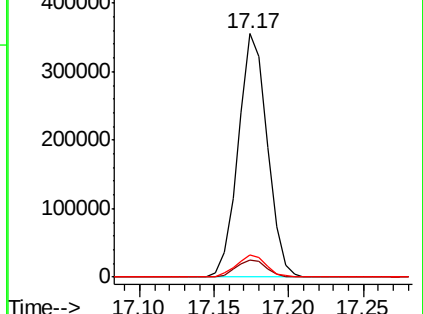
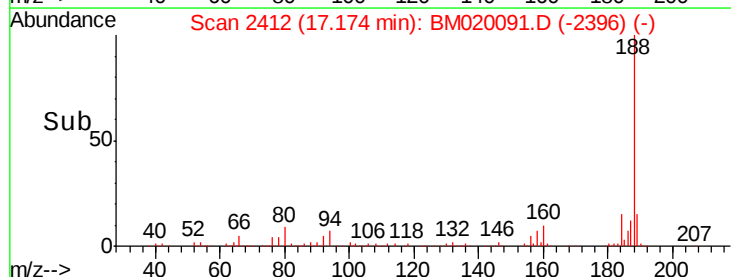
80 9.0 7.4 11.2



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

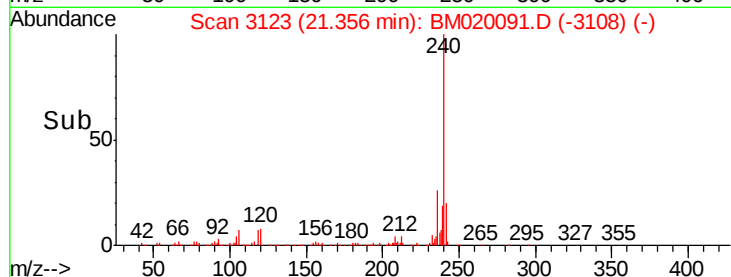
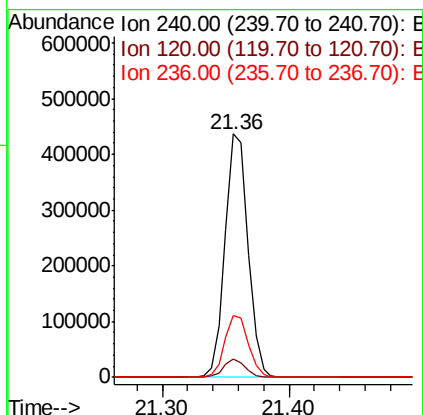
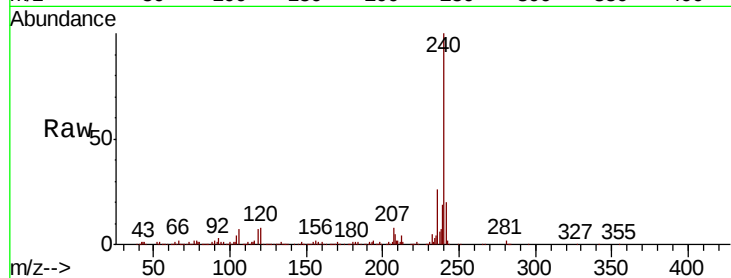




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BM020091.D
Acq: 01 May 2019 15:37

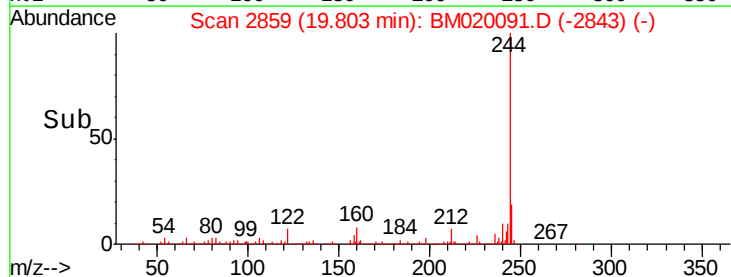
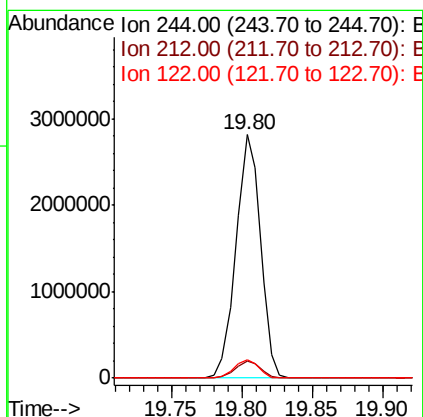
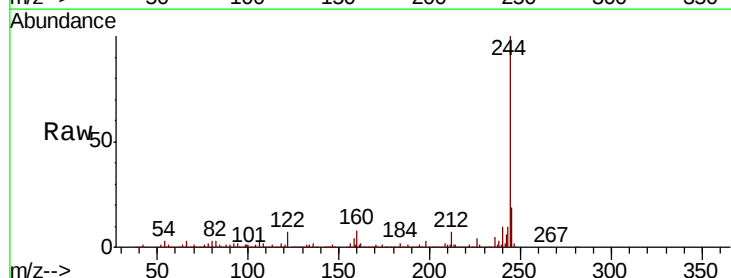
Instrument :
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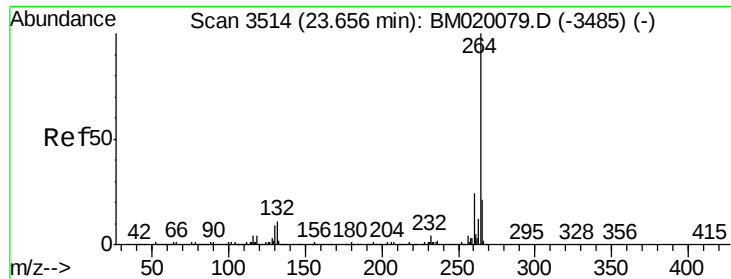
Tot Ion:240 Resp: 547640
Ion Ratio Lower Upper
240 100
120 7.8 5.6 8.4
236 25.5 20.9 31.3



#79
Terphenyl-d14
Concen: 108.437 ng
RT: 19.80 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BM020091.D
Acq: 01 May 2019 15:37

Tgt Ion:244 Resp: 3404657
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 7.5 6.2 9.2





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.64 min Scan# 3512
 Delta R.T. -0.01 min
 Lab File: BM020091.D
 Acq: 01 May 2019 15:37

Instrument :
 BNA_M
 ClientSampleId :
 CONCRETE-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	21.5	16.9	25.3

