

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050119\
 Data File : BM020094.D
 Acq On : 01 May 2019 17:27
 Operator : JU/SJ
 Sample : K2624-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CONCRETE-A

Quant Time: May 02 01:30:23 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

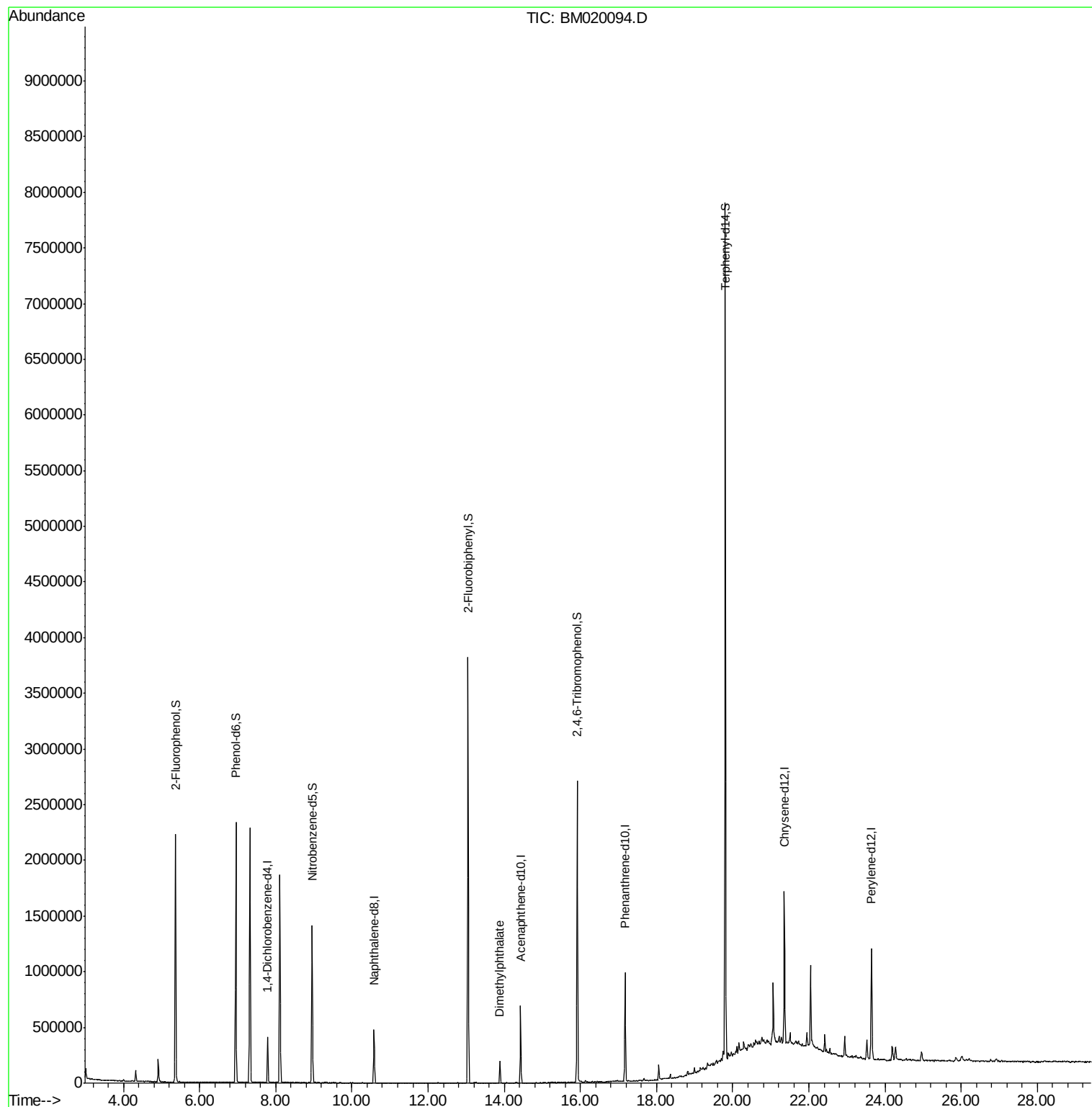
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	95696	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	346016	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	207303	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	526784	20.00	ng	0.00
76) Chrysene-d12	21.36	240	605613	20.00	ng	-0.01
87) Perylene-d12	23.64	264	705777	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	785141	134.11	ng	0.00
7) Phenol-d6	6.95	99	1161337	145.20	ng	0.00
23) Nitrobenzene-d5	8.95	82	878610	100.25	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	454528	141.26	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1747819	103.73	ng	0.00
79) Terphenyl-d14	19.80	244	3371462	97.10	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.89	163	107355	6.093	ng	Qvalue 98

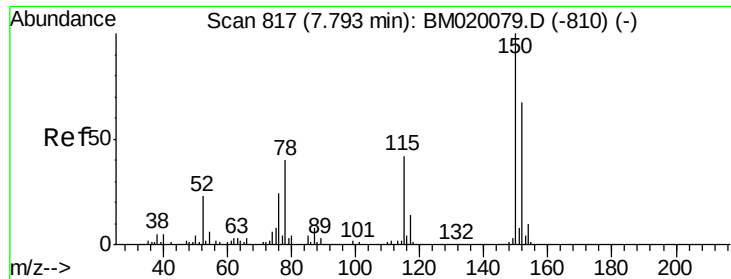
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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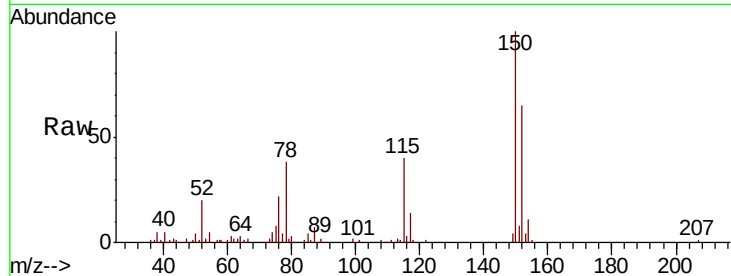


#1

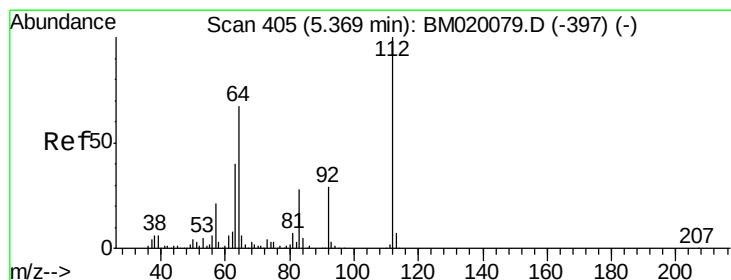
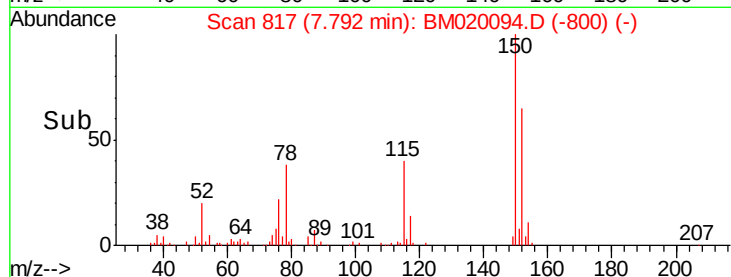
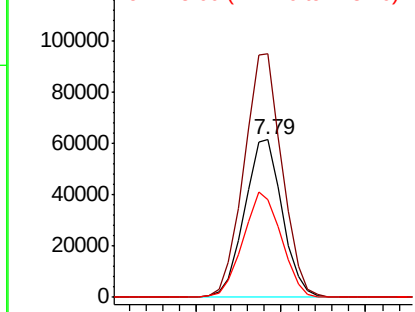
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 817
Delta R.T. -0.00 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Instrument :
BNA_M
ClientSampleId :
CONCRETE-A

Tot Ion:152 Resp: 95696
Ion Ratio Lower Upper
152 100
150 154.6 119.8 179.8
115 61.8 50.8 76.2



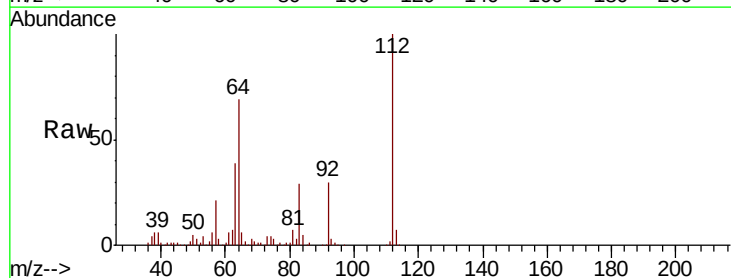
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



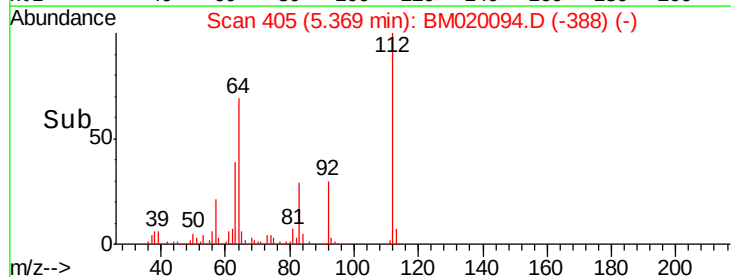
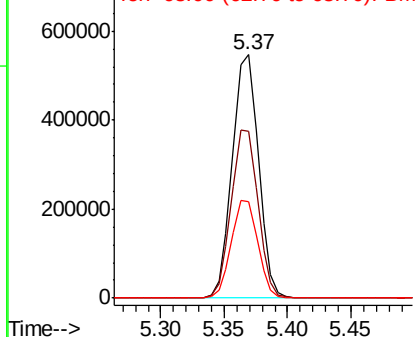
#5

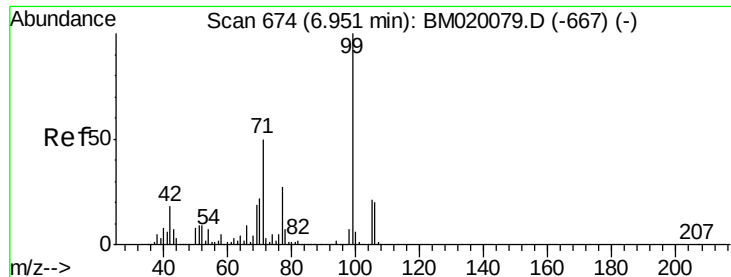
2-Fluorophenol
Concen: 134.111 ng
RT: 5.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Tgt Ion:112 Resp: 785141
Ion Ratio Lower Upper
112 100
64 68.7 53.8 80.6
63 39.5 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: 145.204 ng

RT: 6.95 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM020094.D

Acq: 01 May 2019 17:27

Instrument :

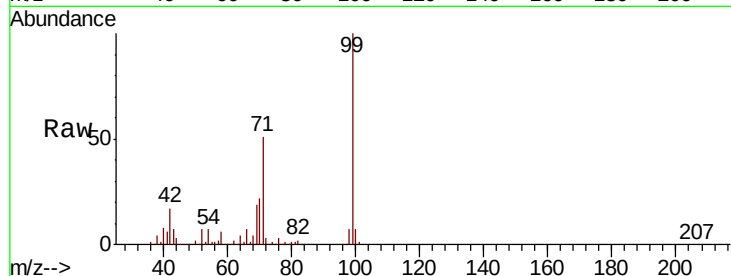
BNA_M

ClientSampleId :

CONCRETE-A

Tot Ion: 99 Resp: 1161337

Ion	Ratio	Lower	Upper
99	100		
42	16.8	14.2	21.2
71	51.0	40.3	60.5

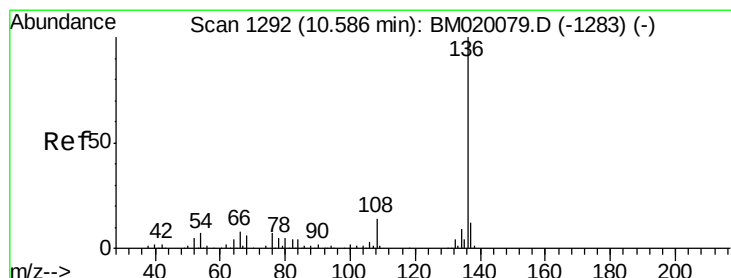
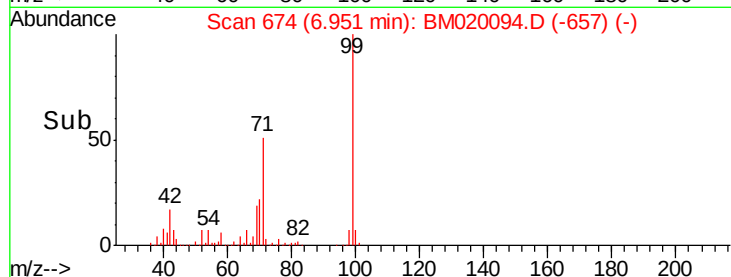
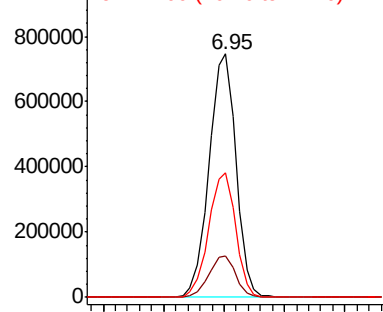


Abundance

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

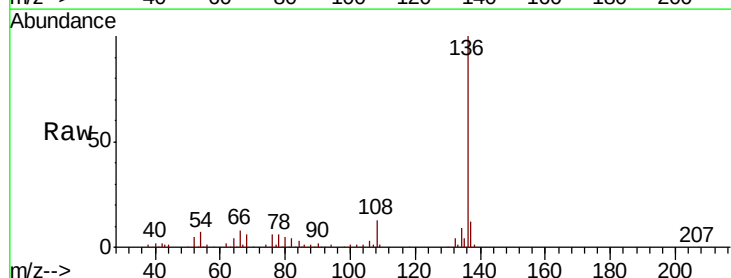
Delta R.T. -0.01 min

Lab File: BM020094.D

Acq: 01 May 2019 17:27

Tgt Ion: 136 Resp: 346016

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	7.1	5.5	8.3
68	6.4	4.6	6.8



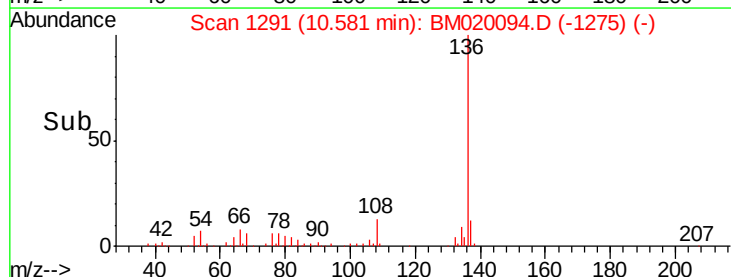
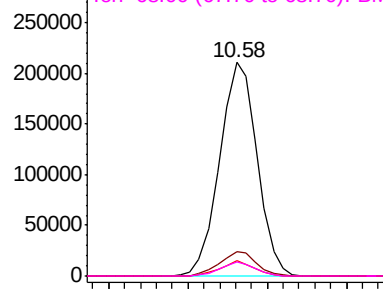
Abundance

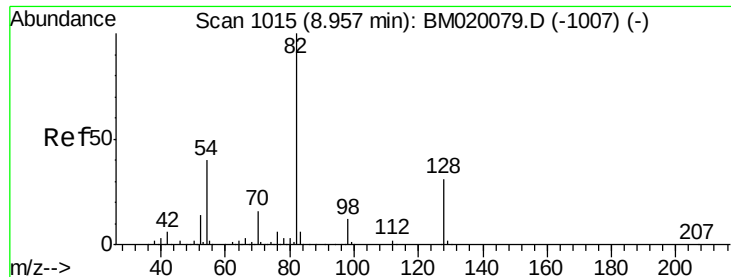
Ion 136.00 (135.70 to 136.70): BM020079.D (-1283) (-)

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) (-)

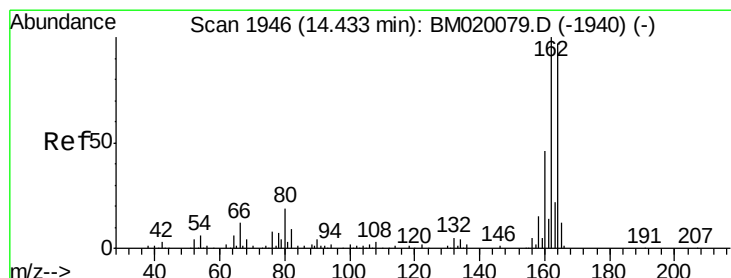
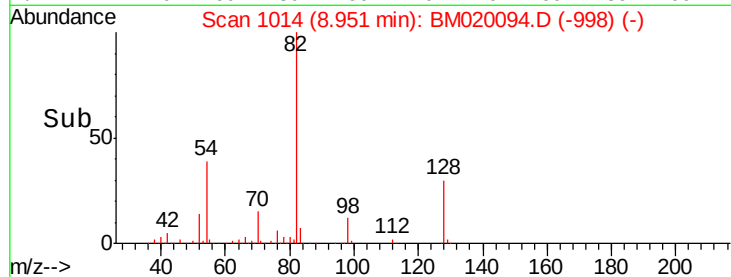
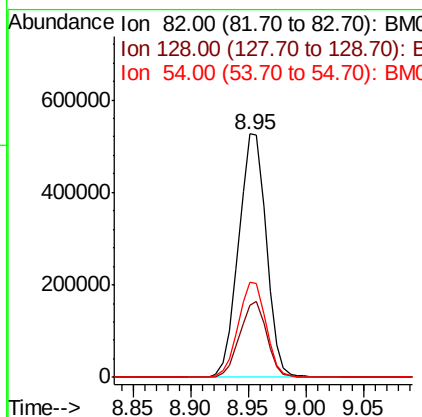
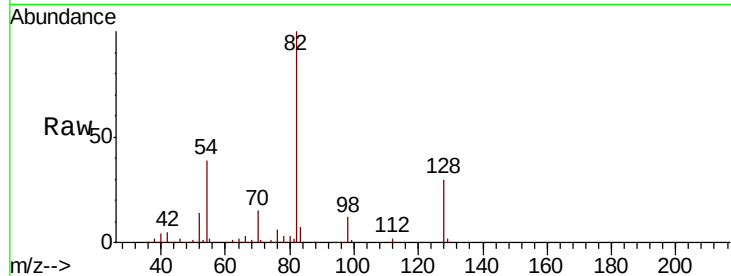




#23
 Nitrobenzene-d5
 Concen: 100.249 ng
 RT: 8.95 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BM020094.D
 Acq: 01 May 2019 17:27

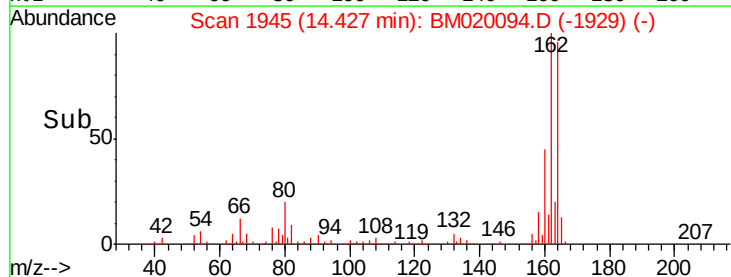
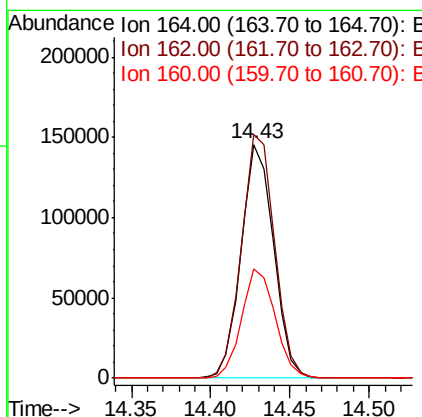
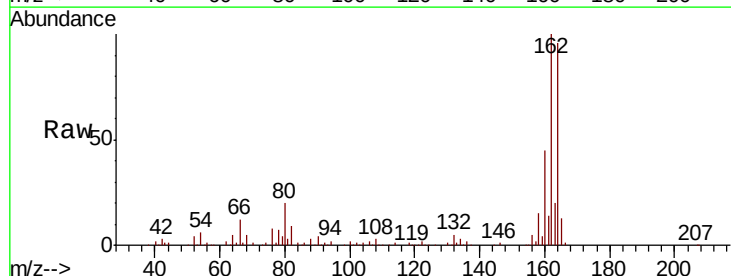
Instrument :
 BNA_M
 ClientSampleId :
 CONCRETE-A

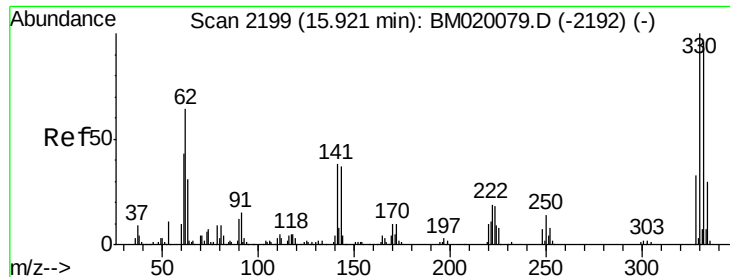
Tot Ion	82	Resp	878610
Ion	Ratio	Lower	Upper
82	100		
128	29.6	25.2	37.8
54	38.9	31.9	47.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.43 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BM020094.D
 Acq: 01 May 2019 17:27

Tgt Ion	164	Resp	207303
Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.2	123.2
160	46.5	37.6	56.4

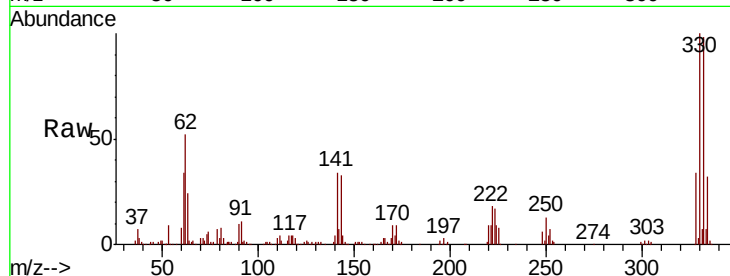




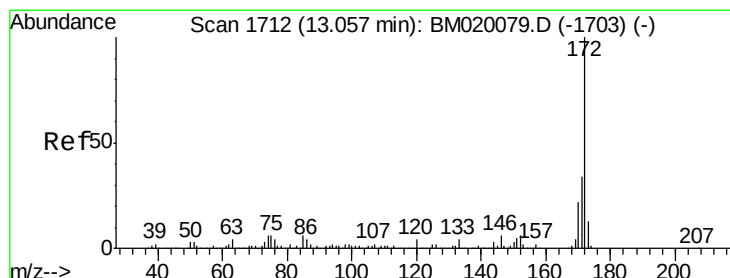
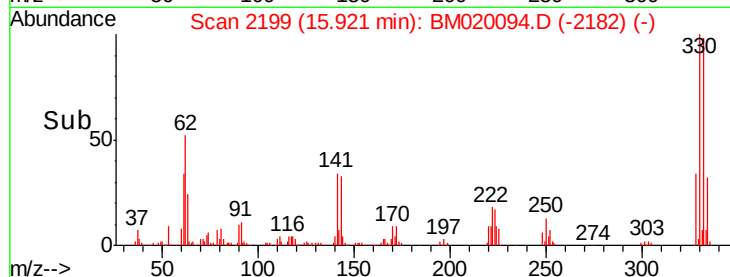
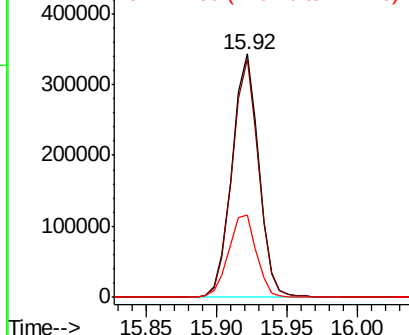
#42
 2,4,6-Tribromophenol
 Concen: 141.257 ng
 RT: 15.92 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: BM020094.D
 Acq: 01 May 2019 17:27

Instrument :
 BNA_M
 ClientSampleId :
 CONCRETE-A

Tot Ion:330 Resp: 454528
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.8 115.2
 141 35.2 29.2 43.8

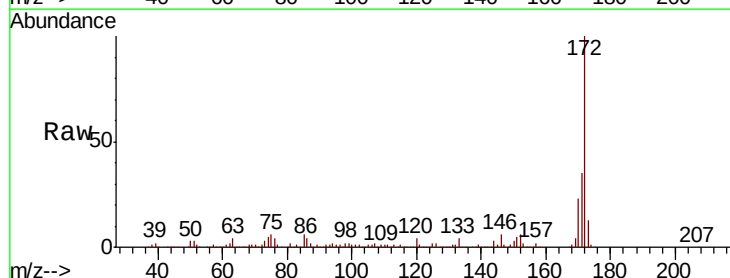


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

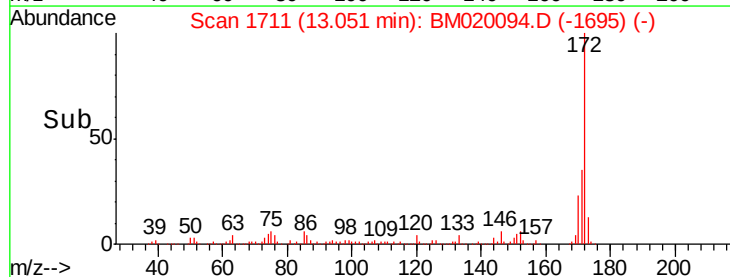
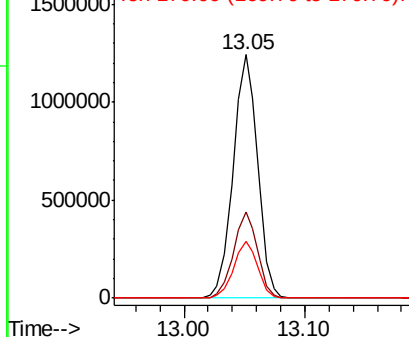


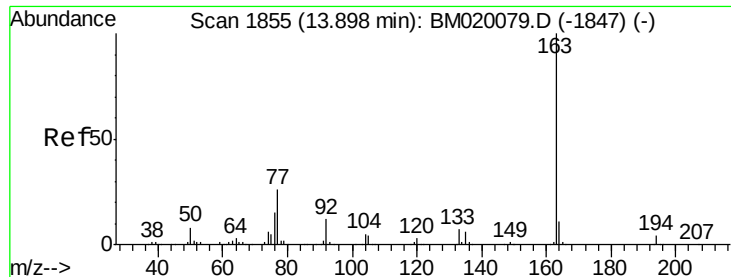
#45
 2-Fluorobiphenyl
 Concen: 103.735 ng
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BM020094.D
 Acq: 01 May 2019 17:27

Tgt Ion:172 Resp: 1747819
 Ion Ratio Lower Upper
 172 100
 171 35.3 27.3 40.9
 170 23.4 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: 6.093 ng

RT: 13.89 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM020094.D

Acq: 01 May 2019 17:27

Instrument :

BNA_M

ClientSampleID :

CONCRETE-A

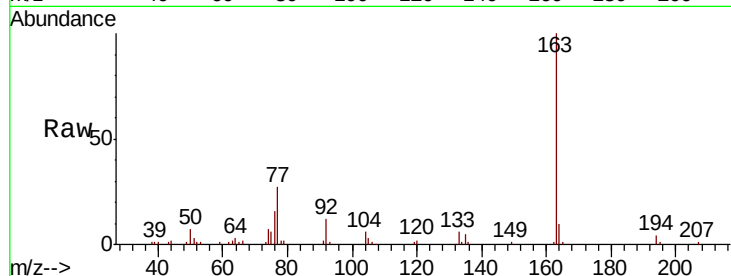
Tot Ion:163 Resp: 107355

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

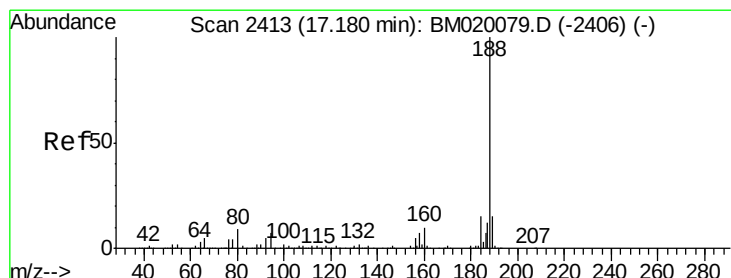
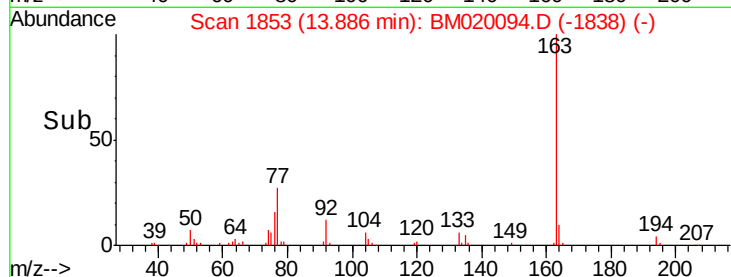
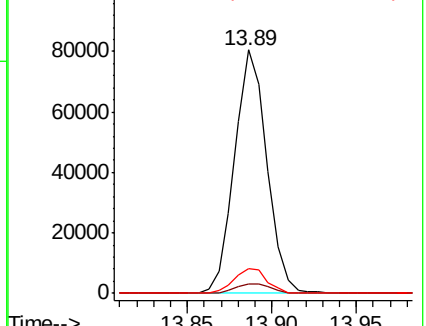
164 9.9 8.4 12.6



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: BM020094.D

Acq: 01 May 2019 17:27

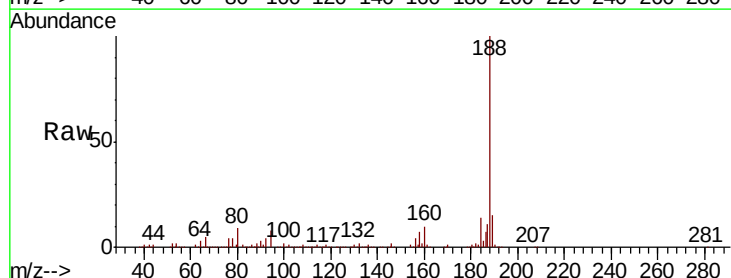
Tgt Ion:188 Resp: 526784

Ion Ratio Lower Upper

188 100

94 7.8 5.8 8.6

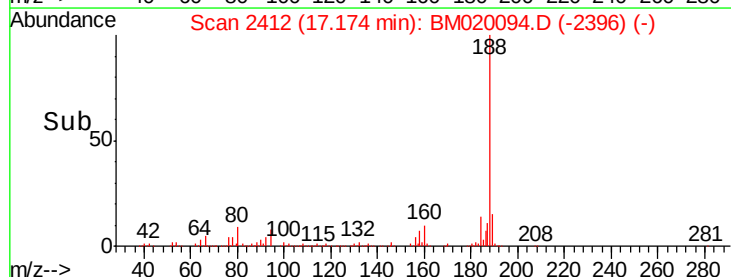
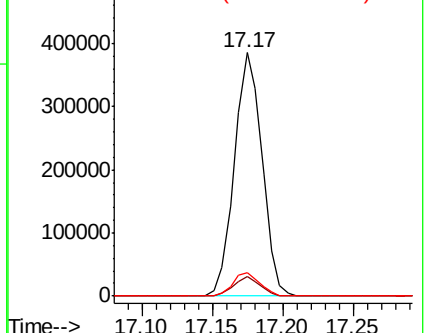
80 9.5 7.4 11.2

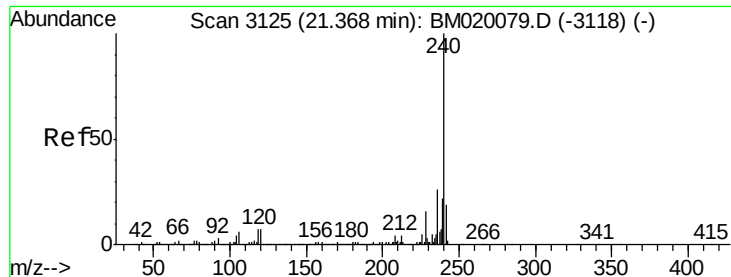


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

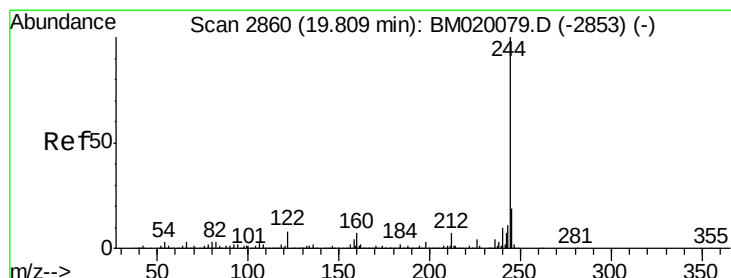
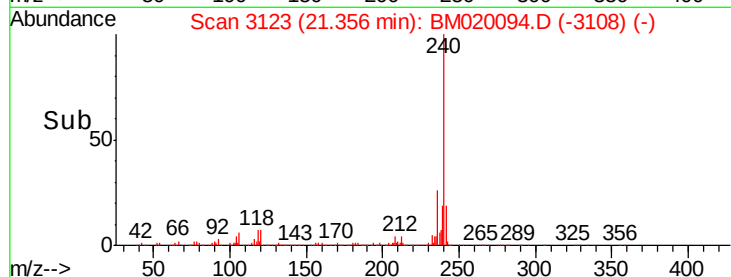
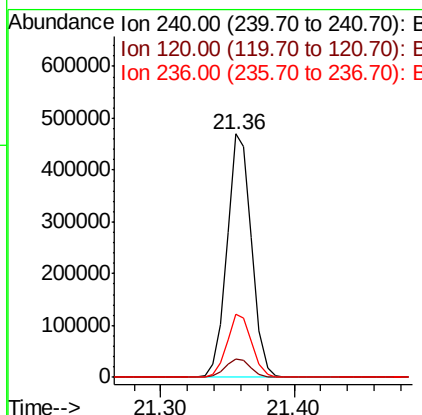
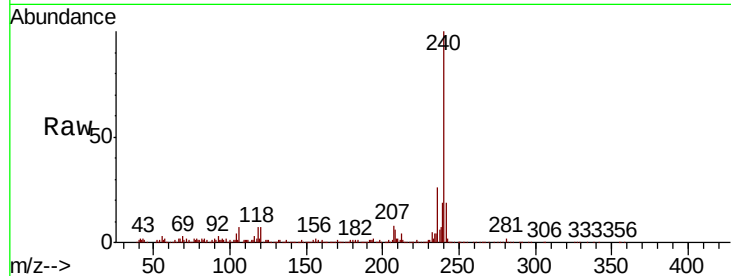




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

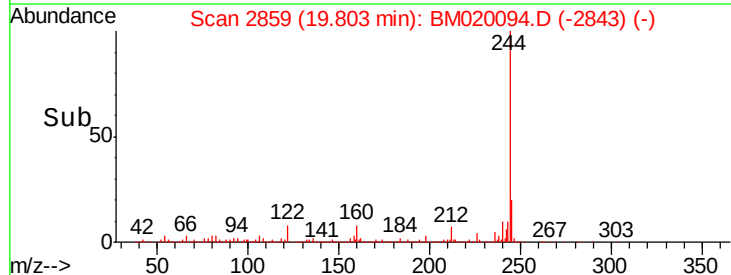
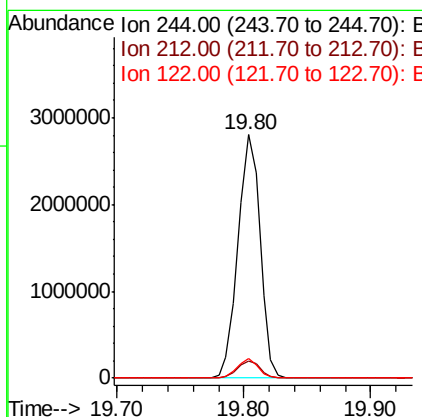
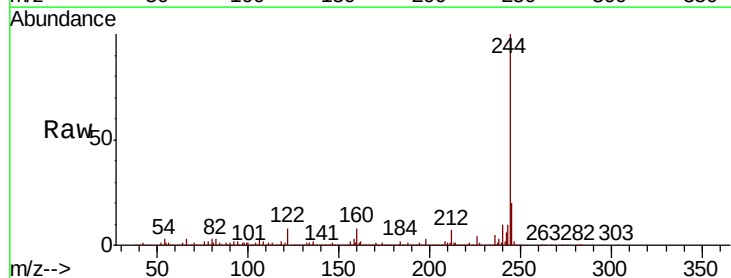
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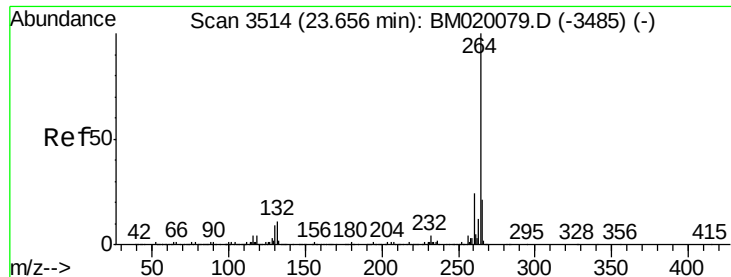
Tot Ion:240 Resp: 605613
Ion Ratio Lower Upper
240 100
120 7.4 5.6 8.4
236 26.1 20.9 31.3



#79
Terphenyl-d14
Concen: 97.101 ng
RT: 19.80 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BM020094.D
Acq: 01 May 2019 17:27

Tgt Ion:244 Resp: 3371462
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 7.9 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: BM020094.D
Acq: 01 May 2019 17:27

Instrument :
BNA_M
ClientSampleId :
CONCRETE-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	21.5	16.9	25.3

