

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
 Data File : BM020694.D
 Acq On : 04 Jun 2019 07:42
 Operator : HP/JU
 Sample : K3015-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OUTFALL001-WK-4

Quant Time: Jun 04 13:01:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	567204	20.00	ng	-0.01
21) Naphthalene-d8	10.62	136	2240505	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	1189496	20.00	ng	-0.01
64) Phenanthrene-d10	17.20	188	2437150	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	2231332	20.00	ng	-0.02
87) Perylene-d12	23.67	264	2671846	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	998975	30.98	ng	0.00
7) Phenol-d6	6.99	99	802401	16.90	ng	0.00
23) Nitrobenzene-d5	8.99	82	2088414	48.29	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	1121841	76.12	ng	-0.01
45) 2-Fluorobiphenyl	13.08	172	4290806	47.96	ng	-0.01
79) Terphenyl-d14	19.83	244	5677558	42.56	ng	-0.02

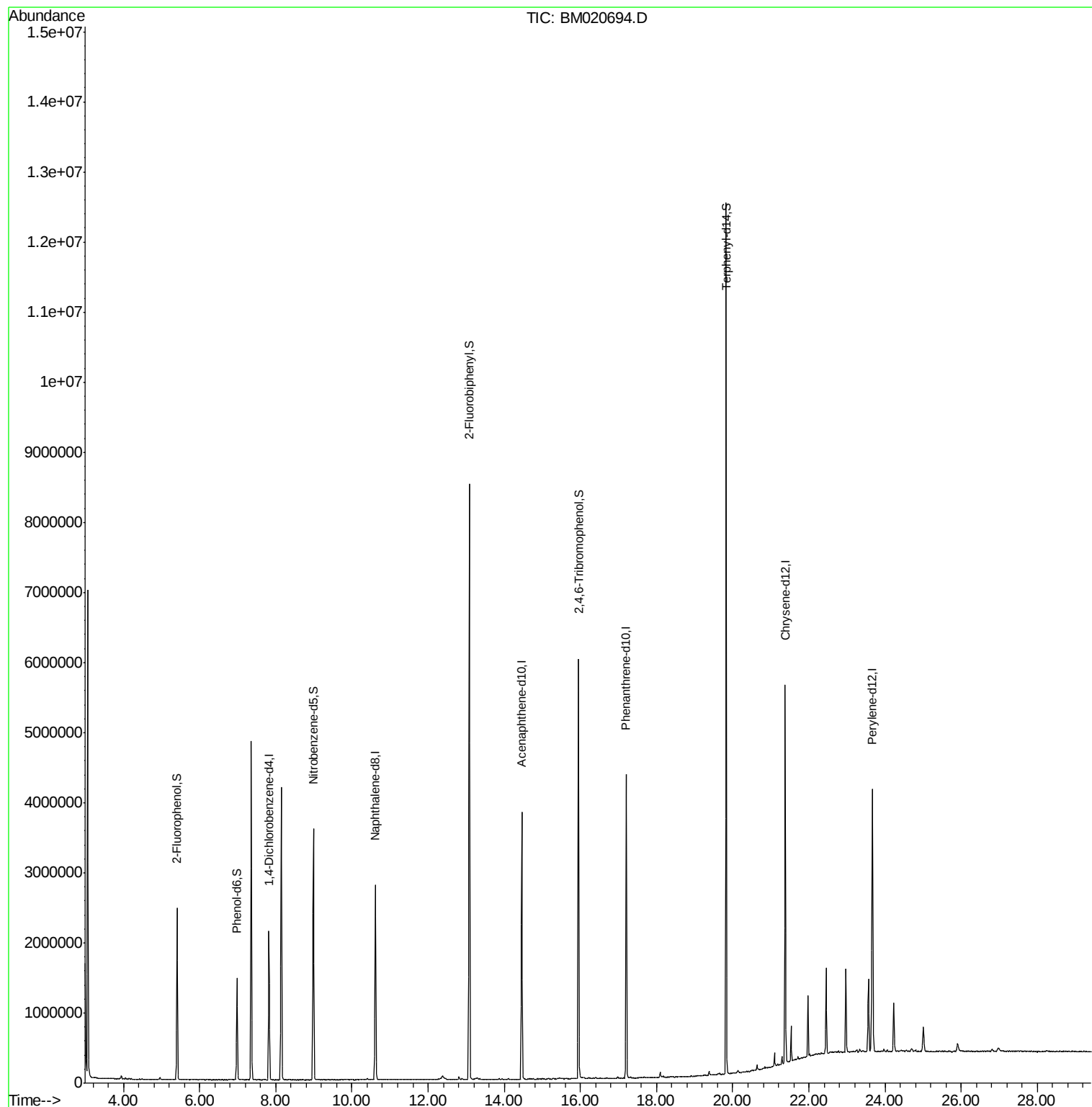
Target Compounds Qvalue

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

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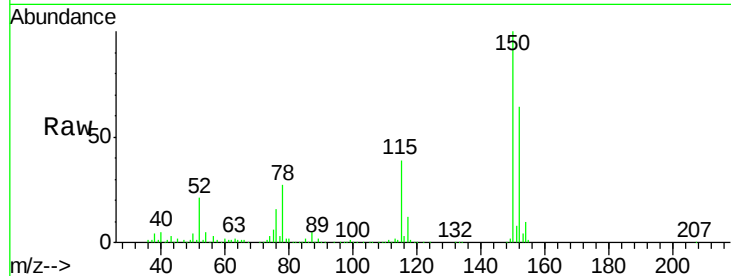


#1

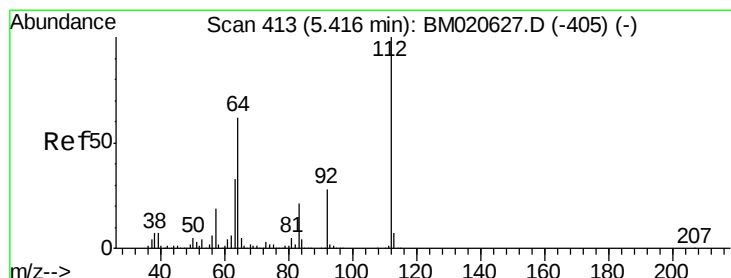
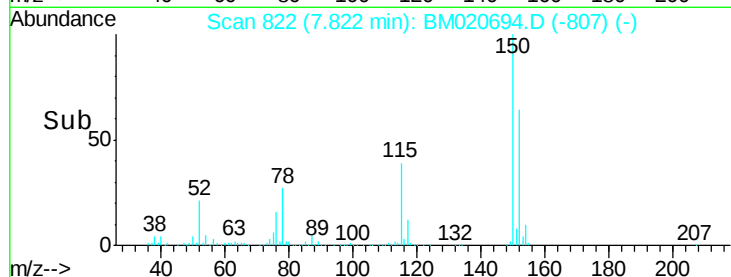
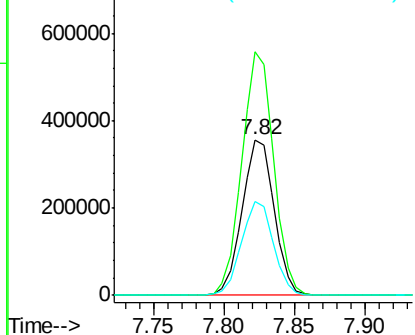
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM020694.D
Acq: 04 Jun 2019 07:42

Instrument :
BNA_M
ClientSampleId :
OUTFALL001-WK-4

Tot Ion:152 Resp: 567204
Ion Ratio Lower Upper
152 100
150 156.2 126.0 189.0
115 60.5 49.6 74.4



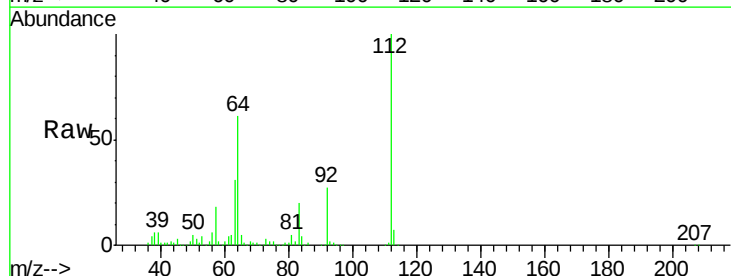
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



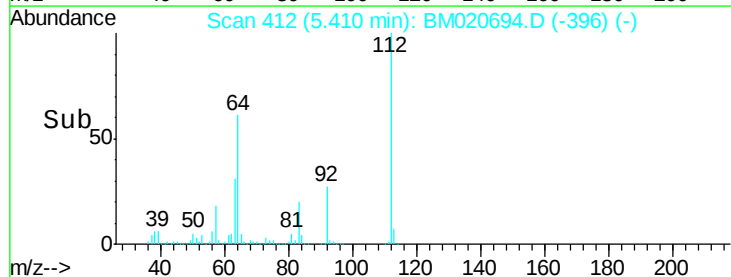
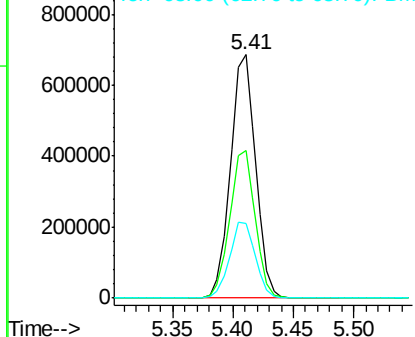
#5

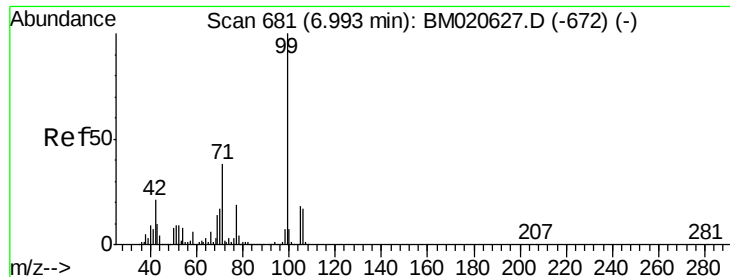
2-Fluorophenol
Concen: 30.981 ng
RT: 5.41 min Scan# 412
Delta R.T. -0.01 min
Lab File: BM020694.D
Acq: 04 Jun 2019 07:42

Tgt Ion:112 Resp: 998975
Ion Ratio Lower Upper
112 100
64 60.6 49.7 74.5
63 30.9 26.4 39.6



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: 16.900 ng

RT: 6.99 min Scan# 680

Delta R.T. -0.01 min

Lab File: BM020694.D

Acq: 04 Jun 2019 07:42

Instrument :

BNA_M

ClientSampleId :

OUTFALL001-WK-4

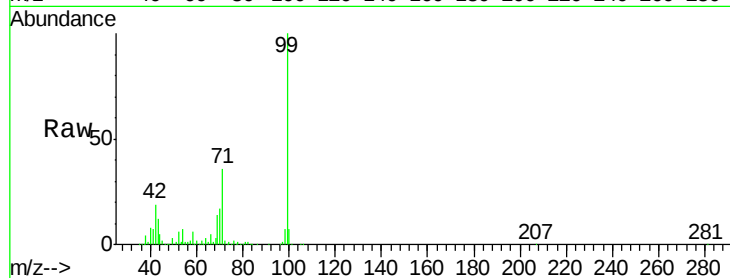
Tot Ion: 99 Resp: 802401

Ion Ratio Lower Upper

99 100

42 19.3 16.5 24.7

71 35.8 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BM020627.D (-672) (-)

Ion 42.00 (41.70 to 42.70): BM020627.D (-672) (-)

Ion 71.00 (70.70 to 71.70): BM020627.D (-672) (-)

6.99

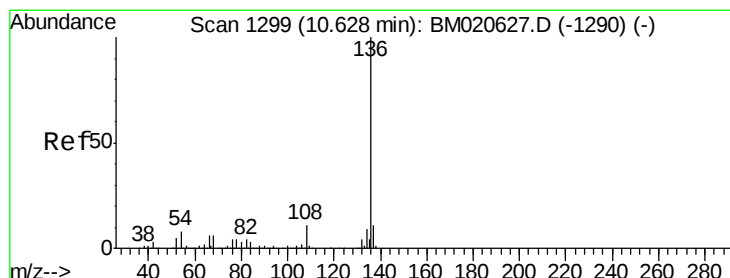
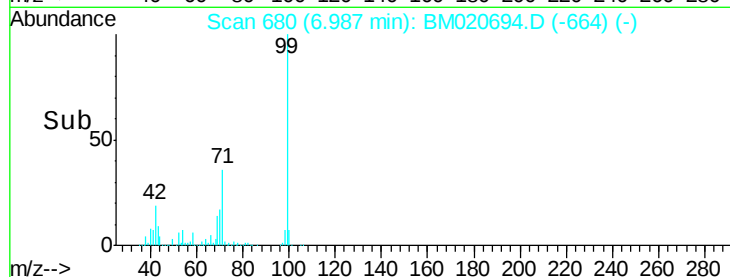
400000

200000

0

6.90 6.95 7.00 7.05

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BM020694.D

Acq: 04 Jun 2019 07:42

Tgt Ion: 136 Resp: 2240505

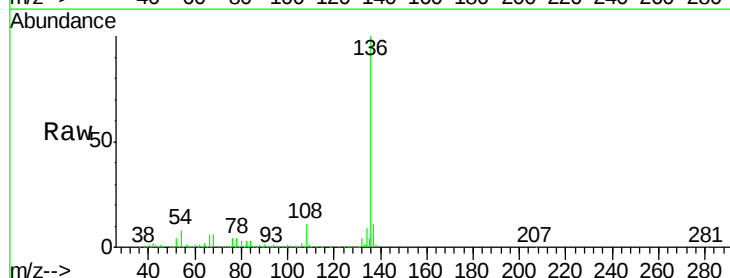
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.7 6.6 10.0

68 6.0 5.1 7.7



Abundance Ion 136.00 (135.70 to 136.70): BM020627.D (-1290) (-)

Ion 137.00 (136.70 to 137.70): BM020627.D (-1290) (-)

Ion 54.00 (53.70 to 54.70): BM020627.D (-1290) (-)

Ion 68.00 (67.70 to 68.70): BM020627.D (-1290) (-)

10.62

2000000

1500000

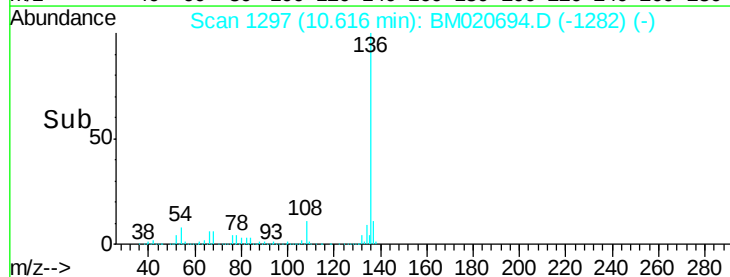
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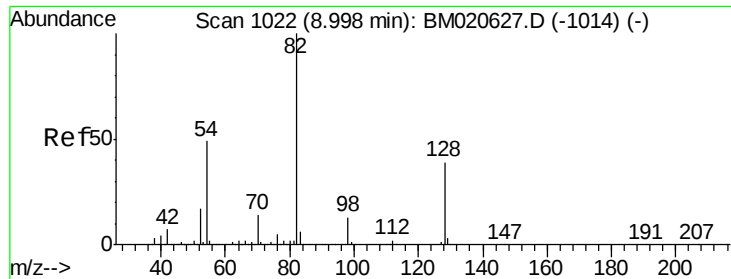
500000

0

10.60 10.70

Time-->



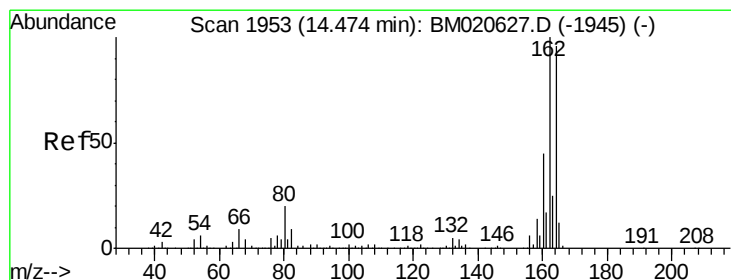
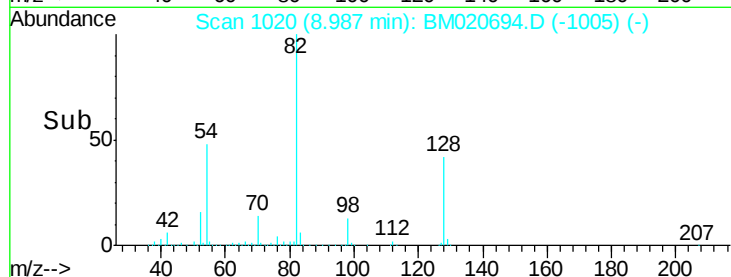
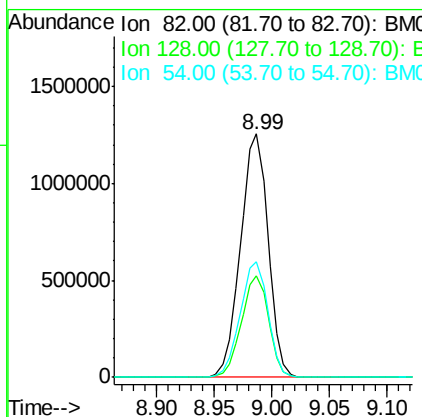
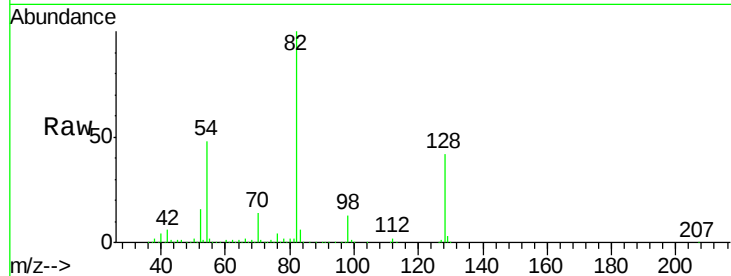


#23
 Nitrobenzene-d5
 Concen: 48.295 ng
 RT: 8.99 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BM020694.D
 Acq: 04 Jun 2019 07:42

Instrument :
 BNA_M
 ClientSampleId :
 OUTFALL001-WK-4

Tot Ion: 82 Resp: 2088414

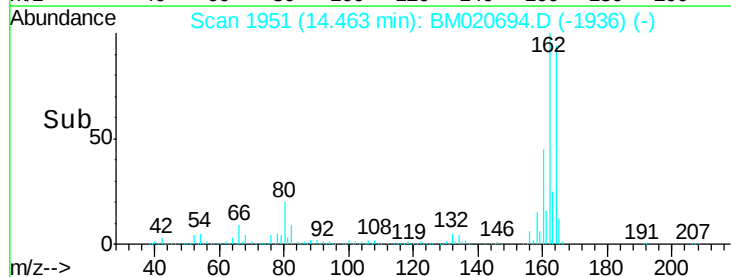
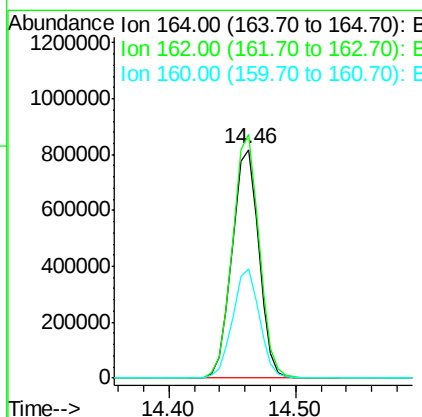
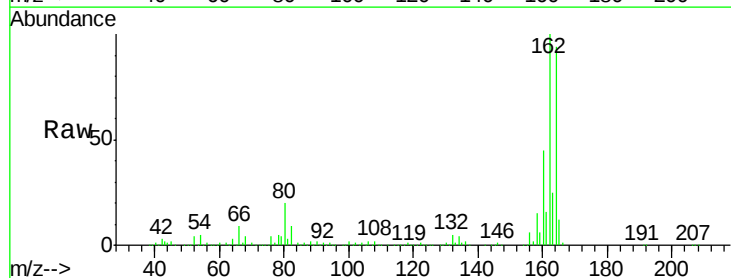
Ion	Ratio	Lower	Upper
82	100		
128	41.6	31.5	47.3
54	47.5	39.4	59.0

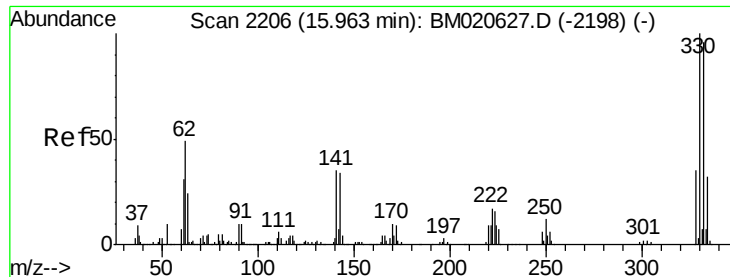


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: BM020694.D
 Acq: 04 Jun 2019 07:42

Tgt Ion:164 Resp: 1189496

Ion	Ratio	Lower	Upper
164	100		
162	106.5	83.2	124.8
160	47.7	37.5	56.3





#42

2,4,6-Tribromophenol

Concen: 76.120 ng

RT: 15.95 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BM020694.D

Acq: 04 Jun 2019 07:42

Instrument :

BNA_M

ClientSampleId :

OUTFALL001-WK-4

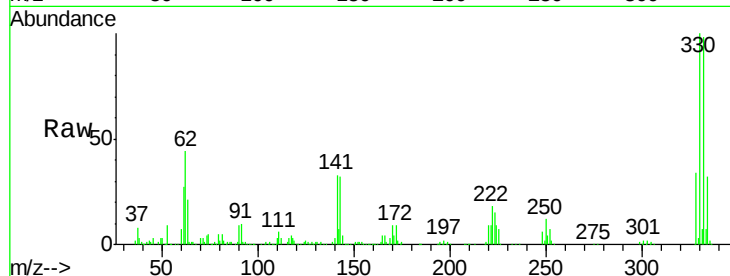
Tot Ion:330 Resp: 1121841

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

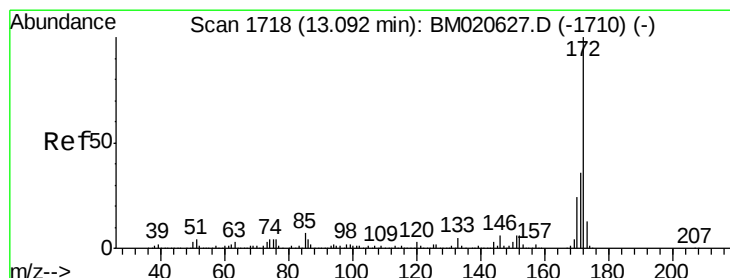
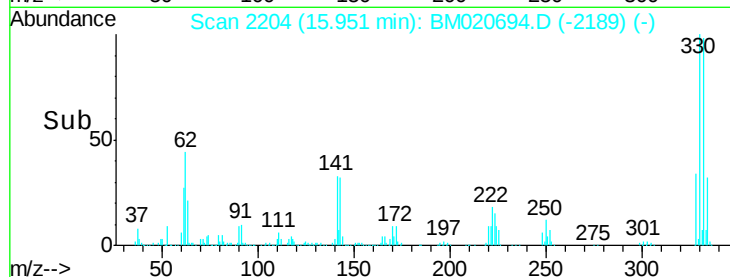
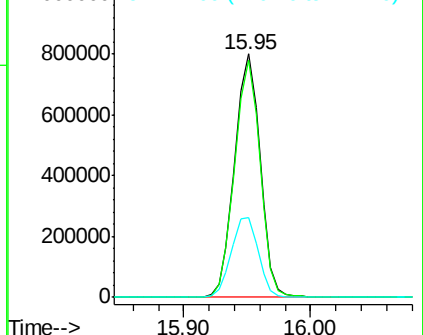
141 34.8 30.4 45.6



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: 47.957 ng

RT: 13.08 min Scan# 1716

Delta R.T. -0.01 min

Lab File: BM020694.D

Acq: 04 Jun 2019 07:42

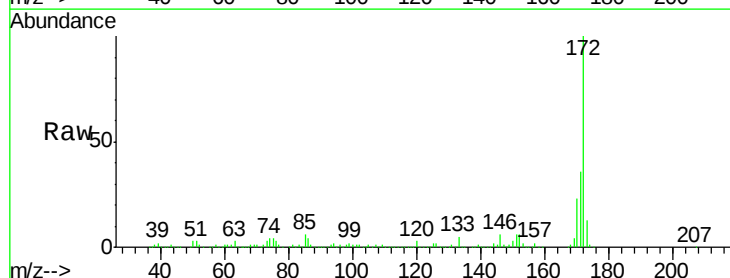
Tgt Ion:172 Resp: 4290806

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

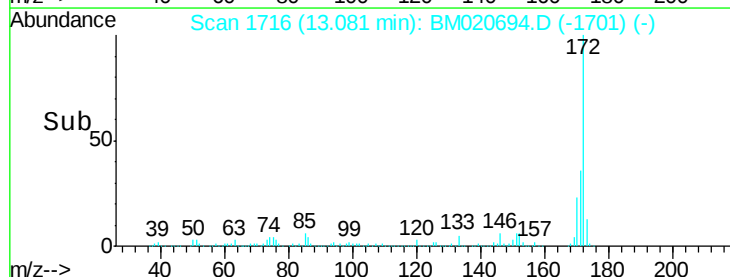
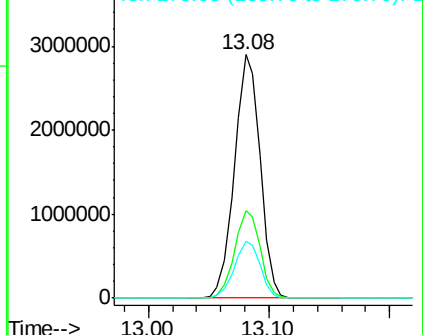
170 23.3 18.9 28.3

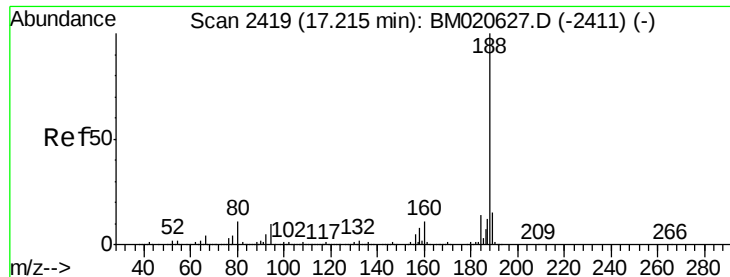


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

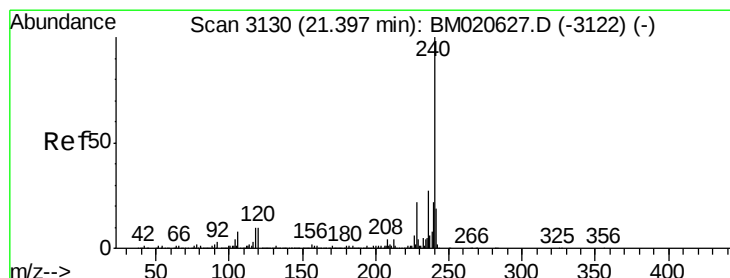
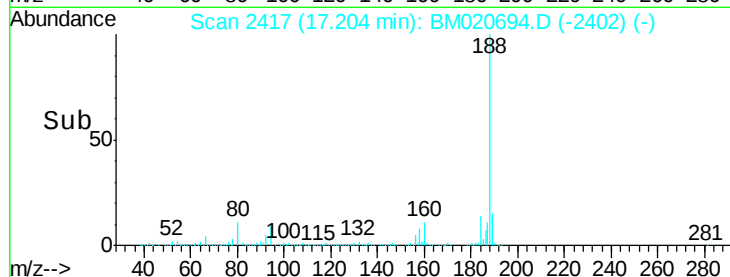
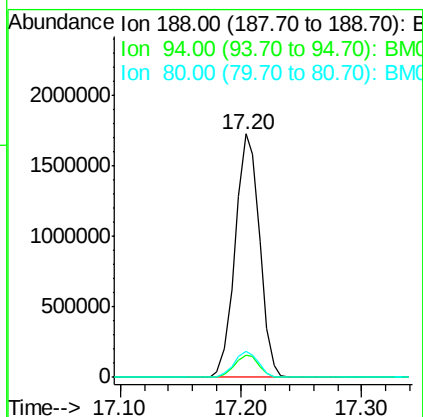
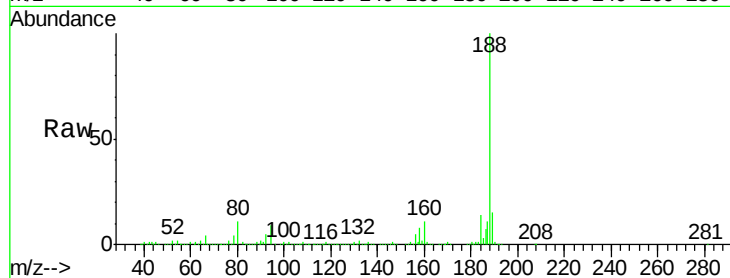




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM020694.D
Acq: 04 Jun 2019 07:42

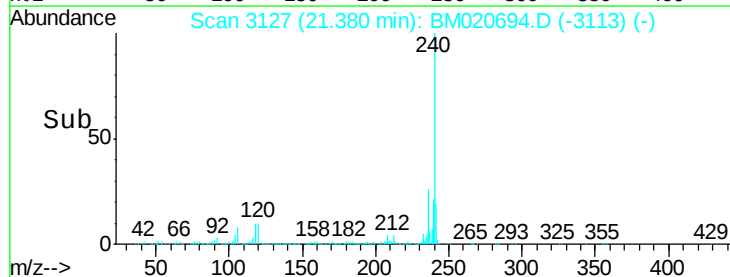
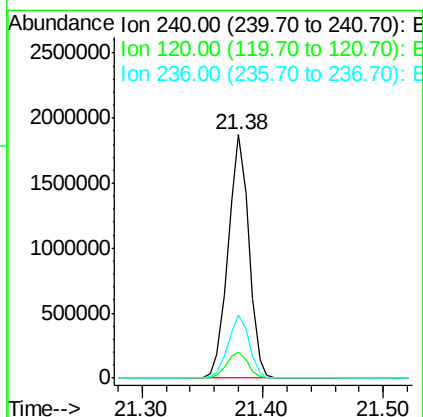
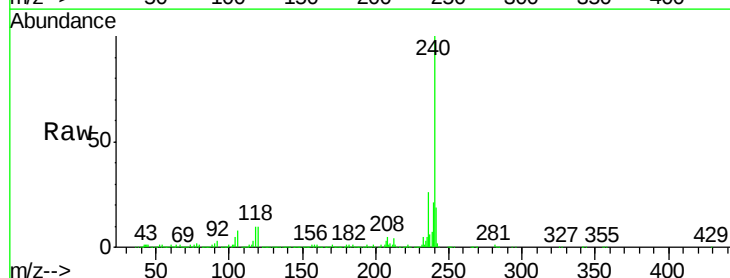
Instrument :
BNA_M
ClientSampleId :
OUTFALL001-WK-4

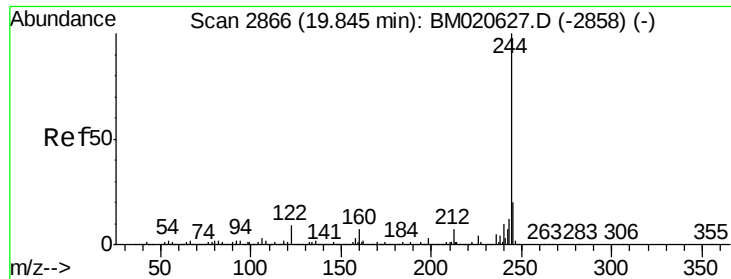
Tot Ion:188 Resp: 2437150
Ion Ratio Lower Upper
188 100
94 9.2 7.8 11.8
80 10.9 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.38 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BM020694.D
Acq: 04 Jun 2019 07:42

Tgt Ion:240 Resp: 2231332
Ion Ratio Lower Upper
240 100
120 10.5 8.2 12.2
236 26.0 21.2 31.8





#79

Terphenyl-d14

Concen: 42.560 ng

RT: 19.83 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM020694.D

Acq: 04 Jun 2019 07:42

Instrument :

BNA_M

ClientSampleId :

OUTFALL001-WK-4

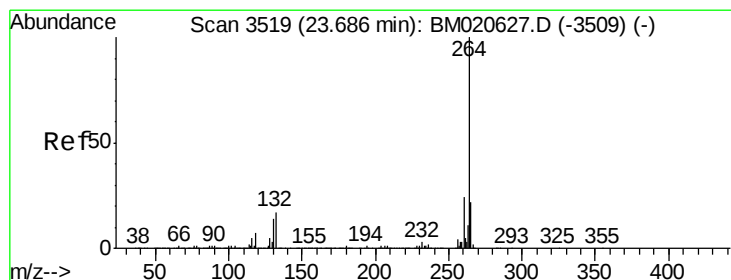
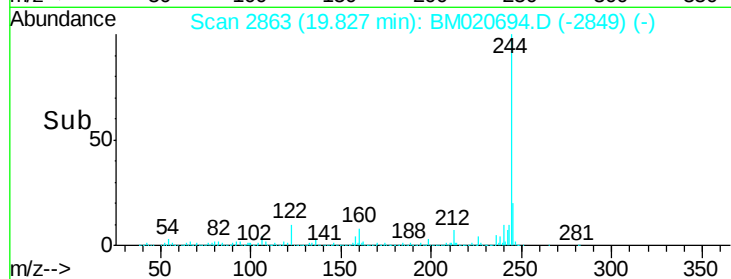
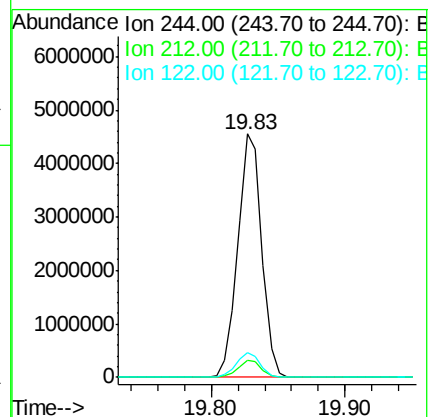
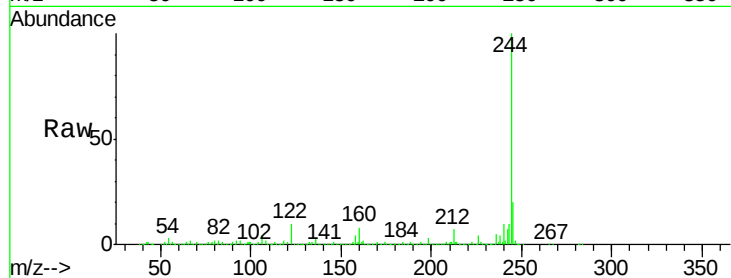
Tot Ion:244 Resp: 5677558

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 10.0 7.2 10.8



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.67 min Scan# 3516

Delta R.T. -0.02 min

Lab File: BM020694.D

Acq: 04 Jun 2019 07:42

Tgt Ion:264 Resp: 2671846

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 22.0 17.6 26.4

