

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 12:08:20 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

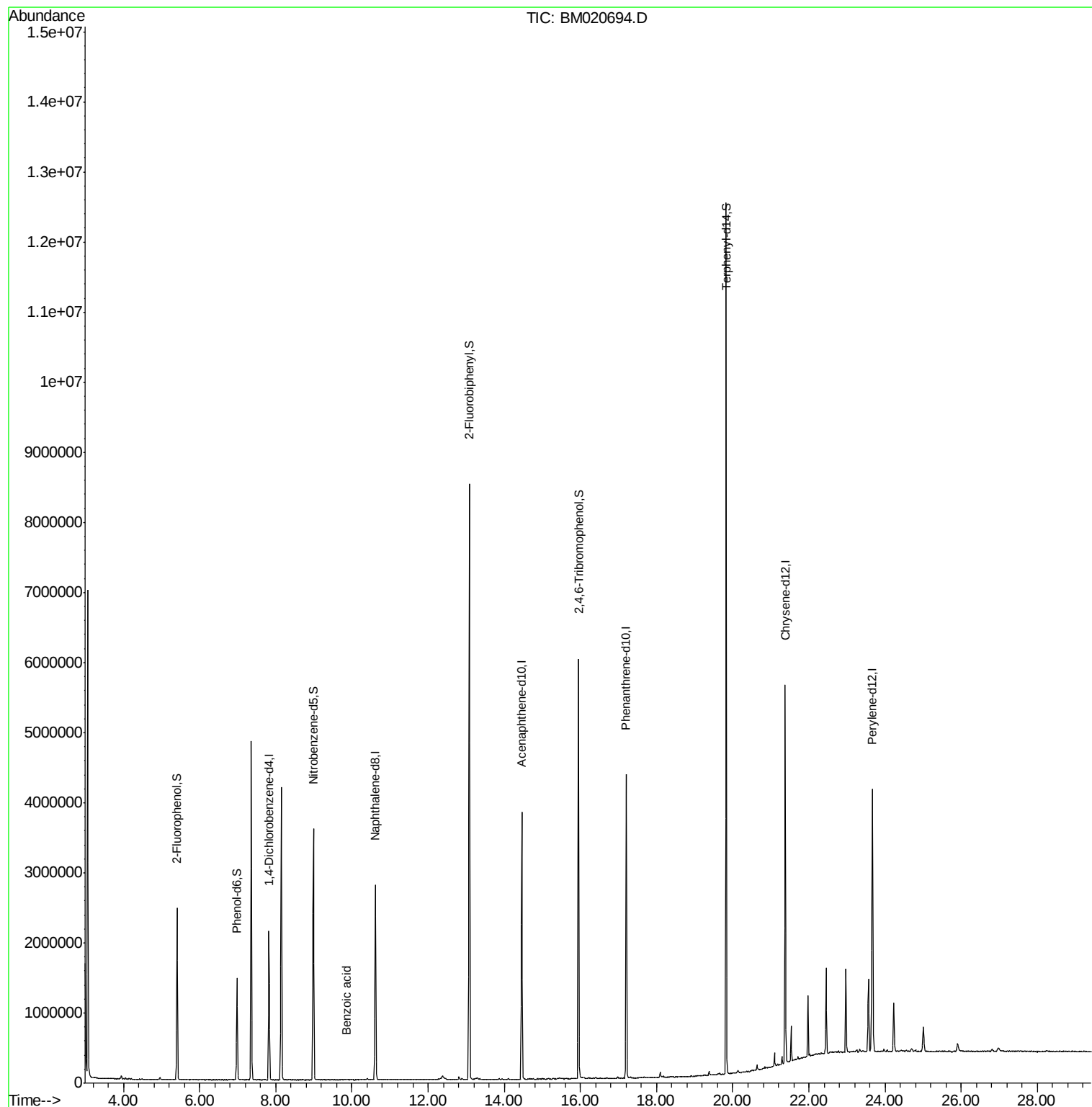
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	567204	20.00	ng	-0.01
21) Naphthalene-d8	10.62	136	2240505	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	1189496	20.00	ng	-0.01
64) Phenanthrene-d10	17.20	188	2437150	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	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						
9) Benzaldehyde	6.99	77	1881	Below Cal	Qvalue #	31
32) Benzoic acid	9.86	122	112	5.140 ng	#	1

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

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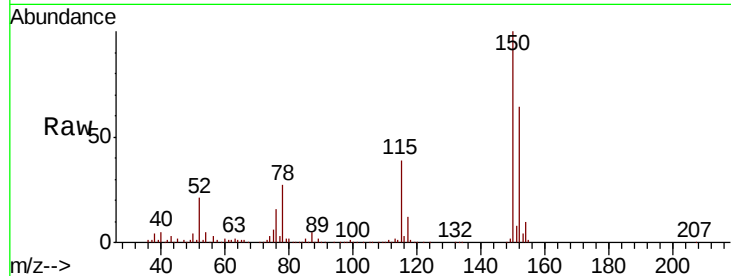


#1

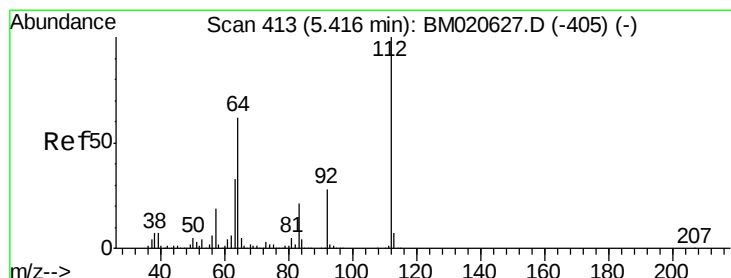
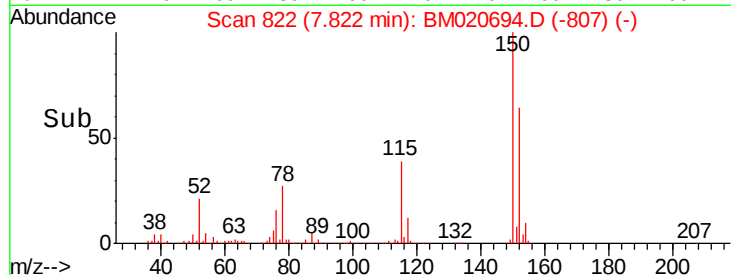
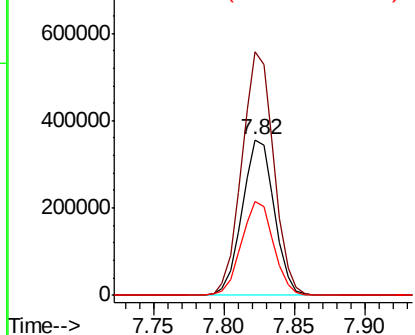
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM020694.D
Acq: 04 Jun 2019 07:42

Instrument :
BNA_M
ClientSampleId :
OUTFALL001-WK-4

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



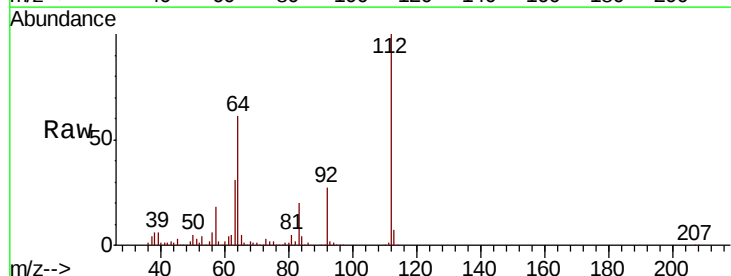
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



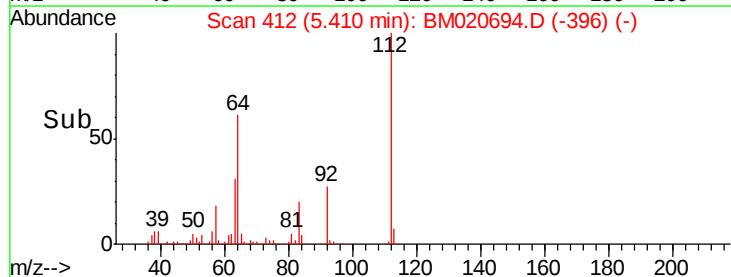
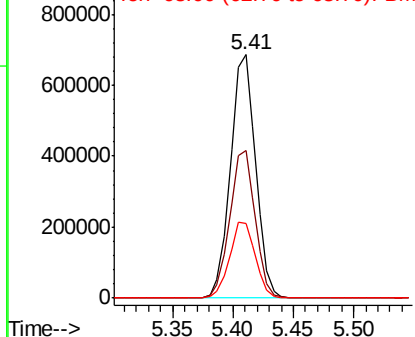
#5

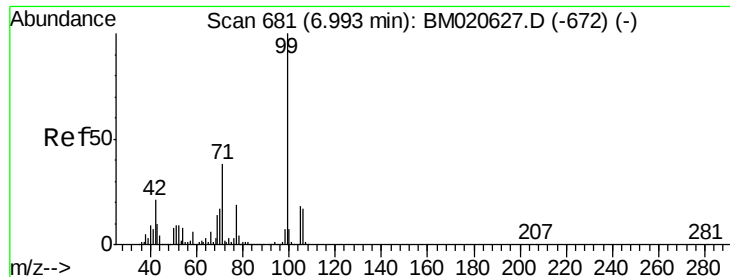
2-Fluorophenol
Concen: 30.981 ng
RT: 5.41 min Scan# 412
Delta R.T. -0.01 min
Lab File: BM020694.D
Acq: 04 Jun 2019 07:42

Tgt Ion	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

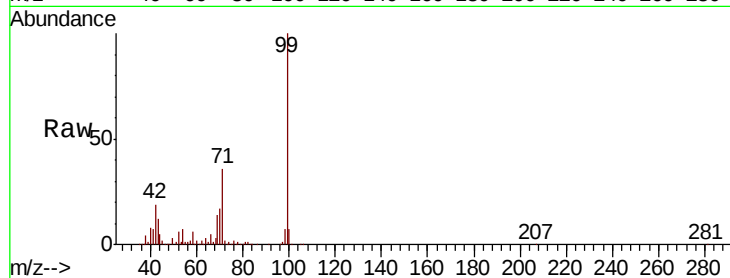
Tot Ion: 99 Resp: 802401

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

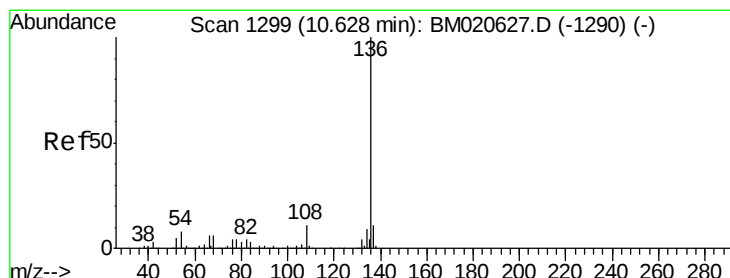
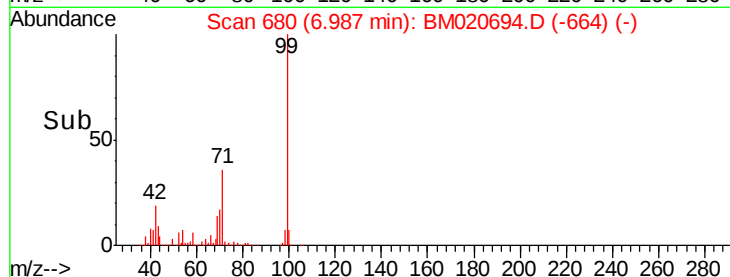
400000

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

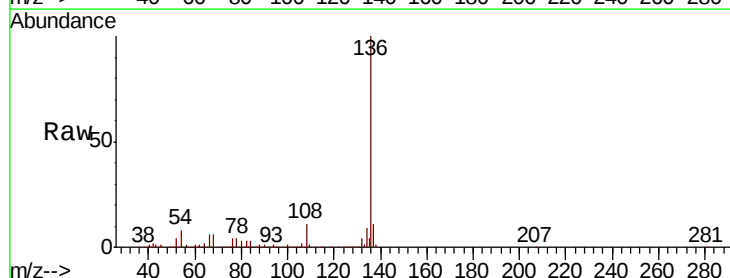
Ion Ratio Lower Upper

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

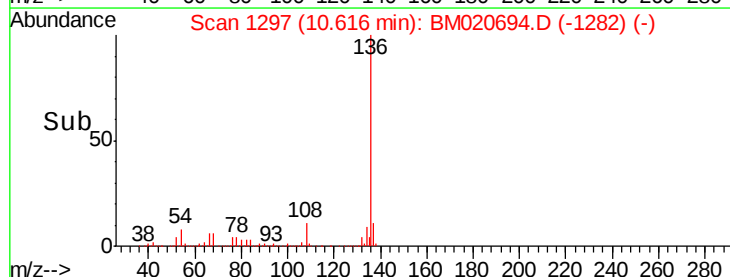
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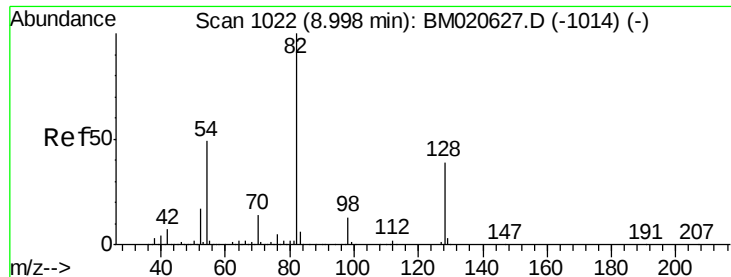
500000

0

10.60 10.70

Time-->

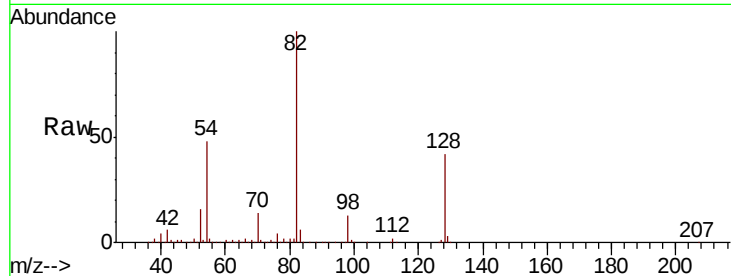




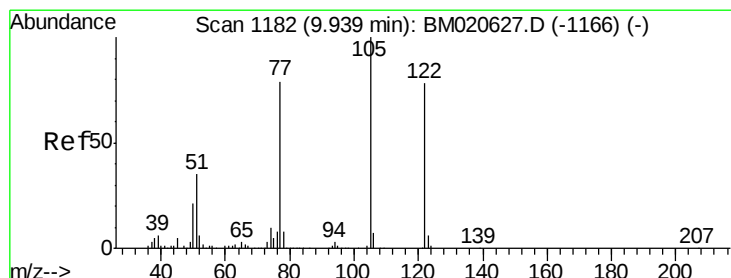
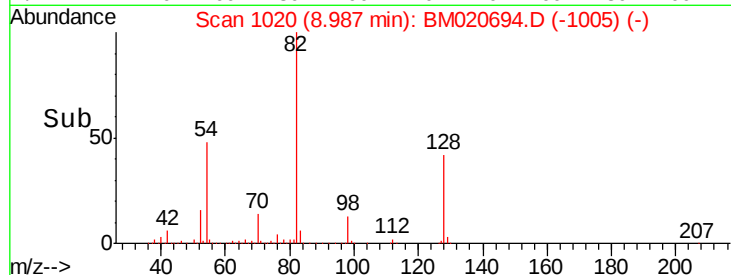
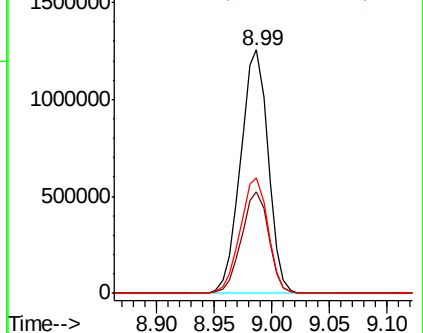
#23
Nitrobenzene-d5
Concen: 48.295 ng
RT: 8.99 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM020694.D
Acq: 04 Jun 2019 07:42

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

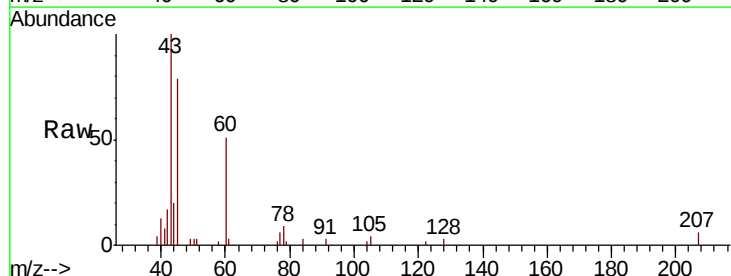


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM0

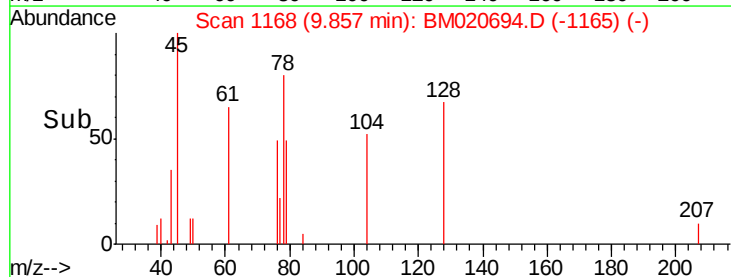
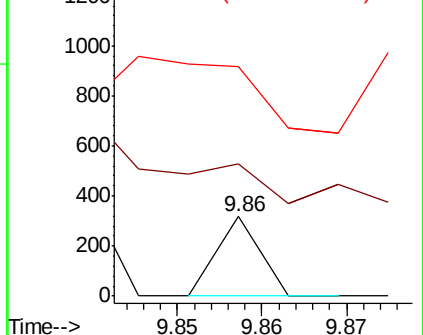


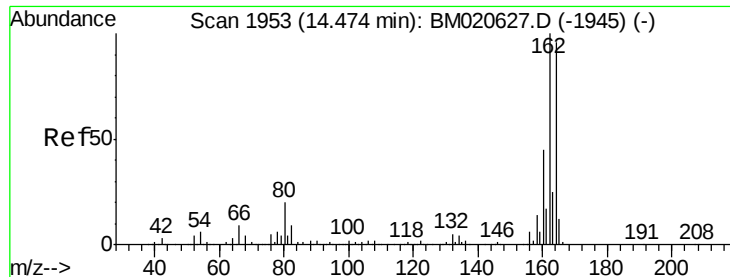
#32
Benzoic acid
Concen: 5.140 ng
RT: 9.86 min Scan# 1168
Delta R.T. -0.08 min
Lab File: BM020694.D
Acq: 04 Jun 2019 07:42

Tgt Ion:122 Resp: 112
Ion Ratio Lower Upper
122 100
105 166.0 107.0 147.0#
77 287.7 80.9 120.9#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM0





#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

Instrument :

BNA_M

ClientSampleId :

OUTFALL001-WK-4

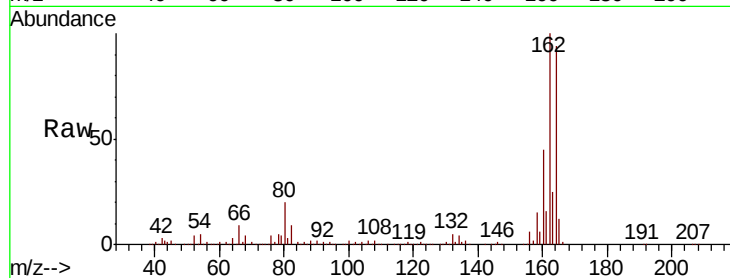
Tot Ion:164 Resp: 1189496

Ion Ratio Lower Upper

164 100

162 106.5 83.2 124.8

160 47.7 37.5 56.3

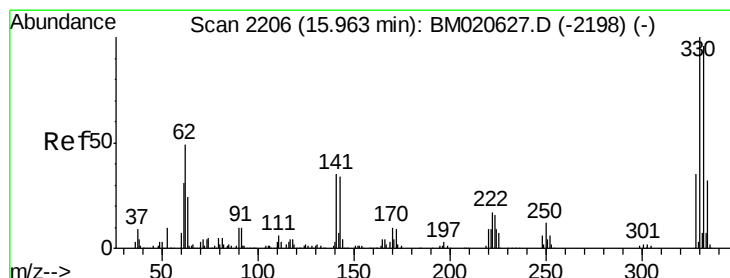
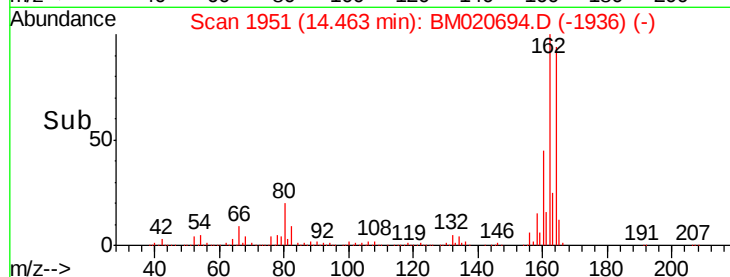
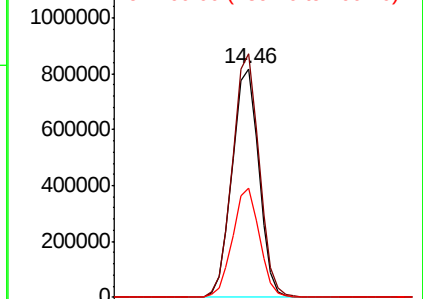


Abundance

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: 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

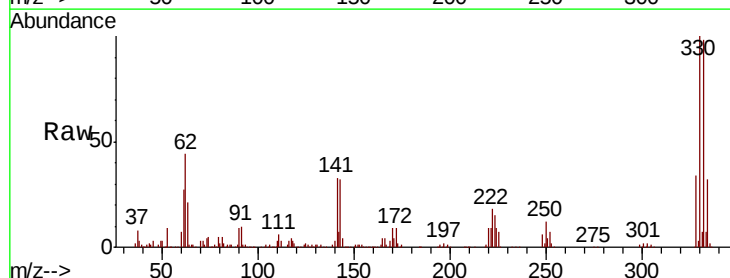
Tgt Ion:330 Resp: 1121841

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

141 34.8 30.4 45.6

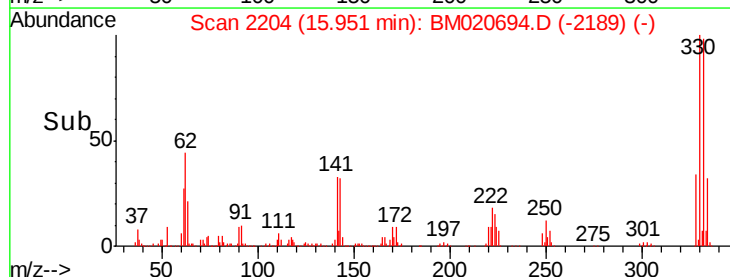
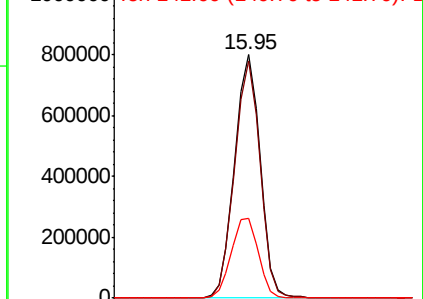


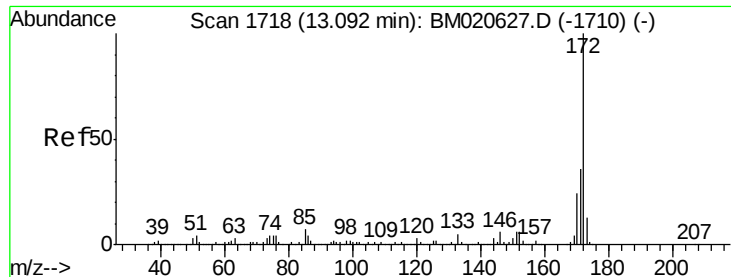
Abundance

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

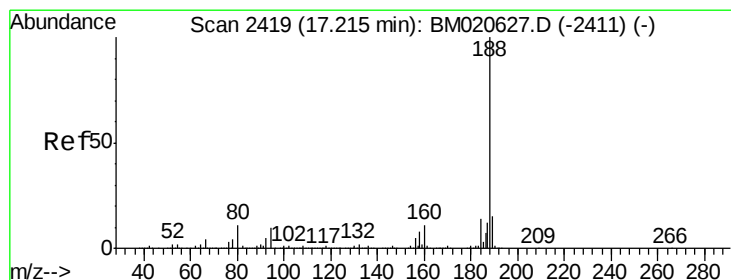
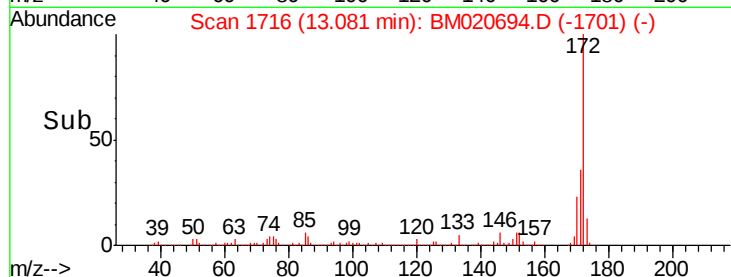
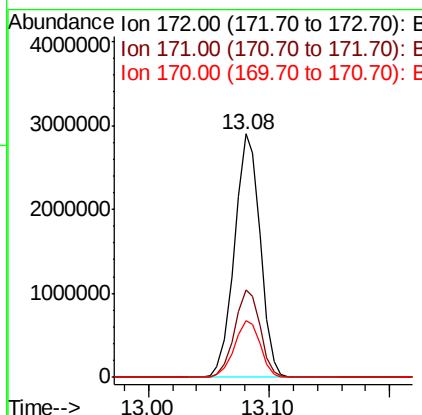
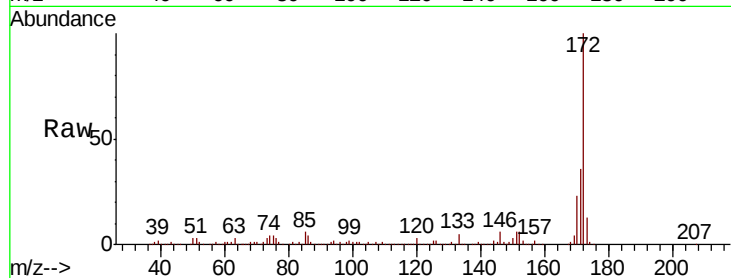




#45
2-Fluorobiphenyl
Concen: 47.957 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM020694.D
Acq: 04 Jun 2019 07:42

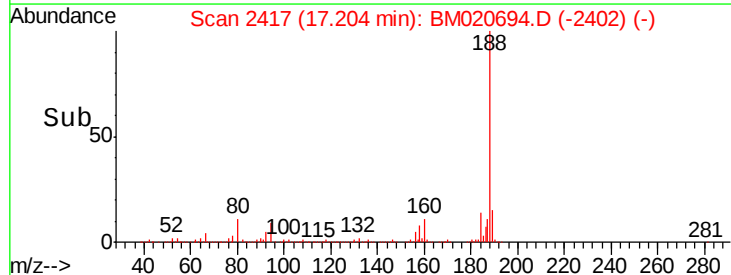
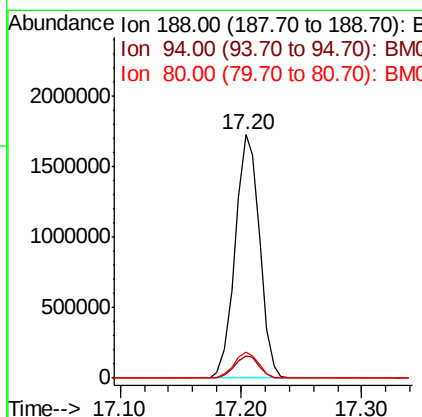
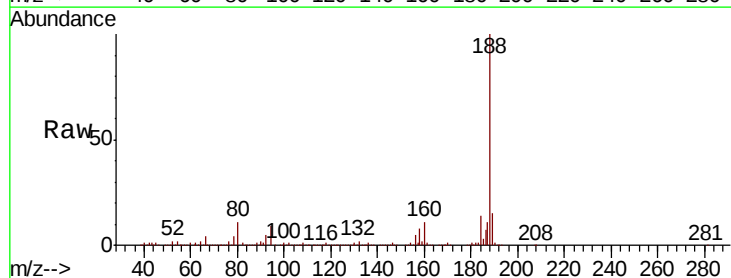
Instrument :
BNA_M
ClientSampleId :
OUTFALL001-WK-4

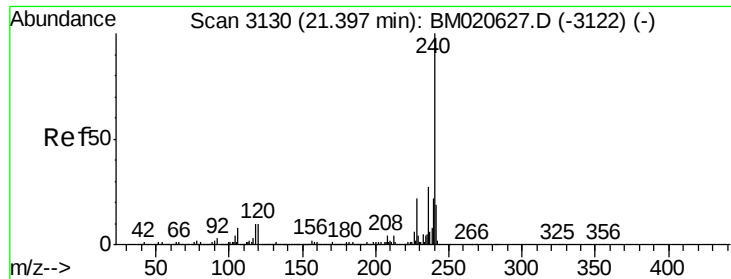
Tot Ion:172 Resp: 4290806
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 23.3 18.9 28.3



#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

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

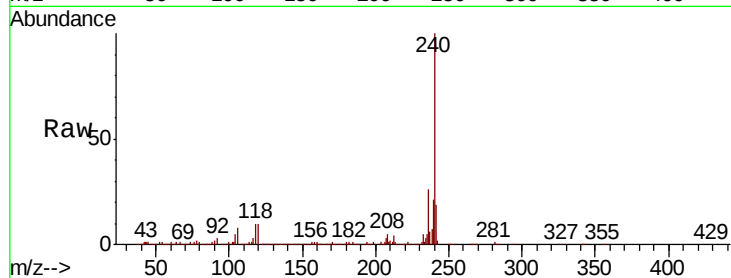




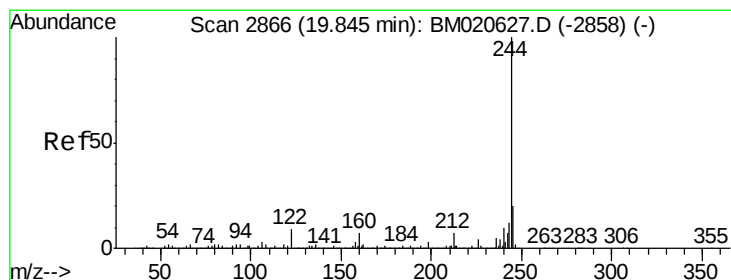
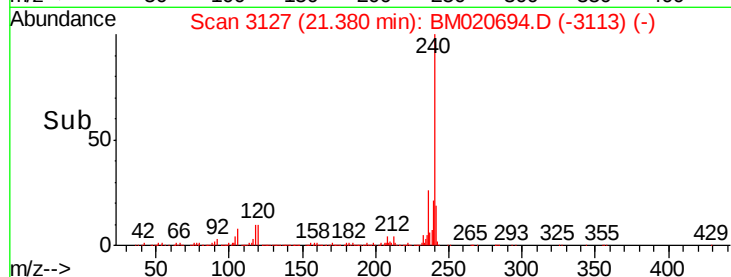
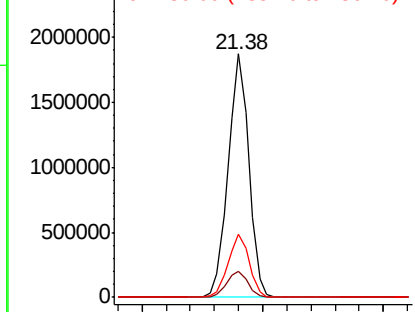
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.38 min Scan# 3127
 Delta R.T. -0.02 min
 Lab File: BM020694.D
 Acq: 04 Jun 2019 07:42

Instrument :
 BNA_M
 ClientSampleId :
 OUTFALL001-WK-4

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

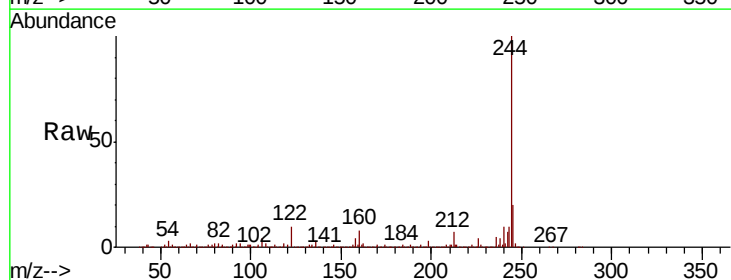


Abundance Ion 240.00 (239.70 to 240.70): E
 2500000 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

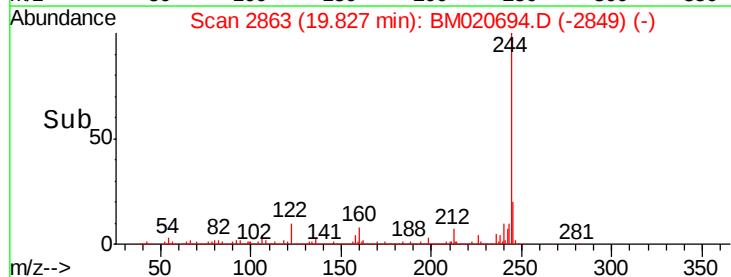
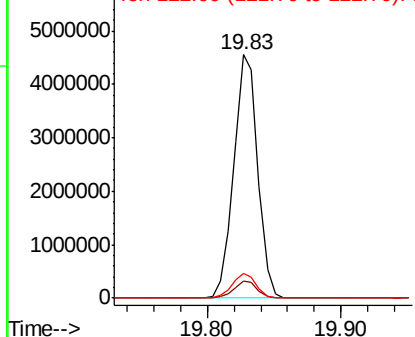


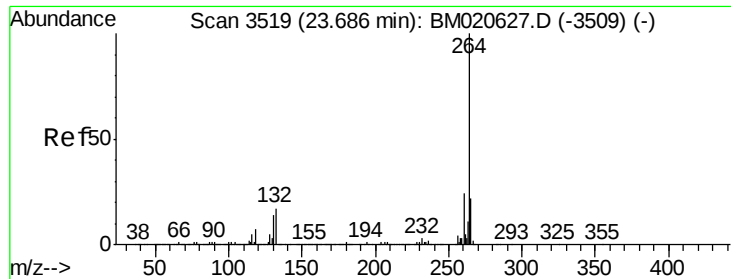
#79
 Terphenyl-d14
 Concen: 42.560 ng
 RT: 19.83 min Scan# 2863
 Delta R.T. -0.02 min
 Lab File: BM020694.D
 Acq: 04 Jun 2019 07:42

Tgt Ion:244 Resp: 5677558
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.0 7.2 10.8



Abundance Ion 244.00 (243.70 to 244.70): E
 6000000 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: 23.67 min Scan# 3516
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:264 Resp: 2671846

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.0	17.6	26.4

