

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
 Data File : BM020750.D
 Acq On : 05 Jun 2019 23:26
 Operator : HP/JU
 Sample : K3174-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-03-008-ABCD

Quant Time: Jun 06 02:20:10 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

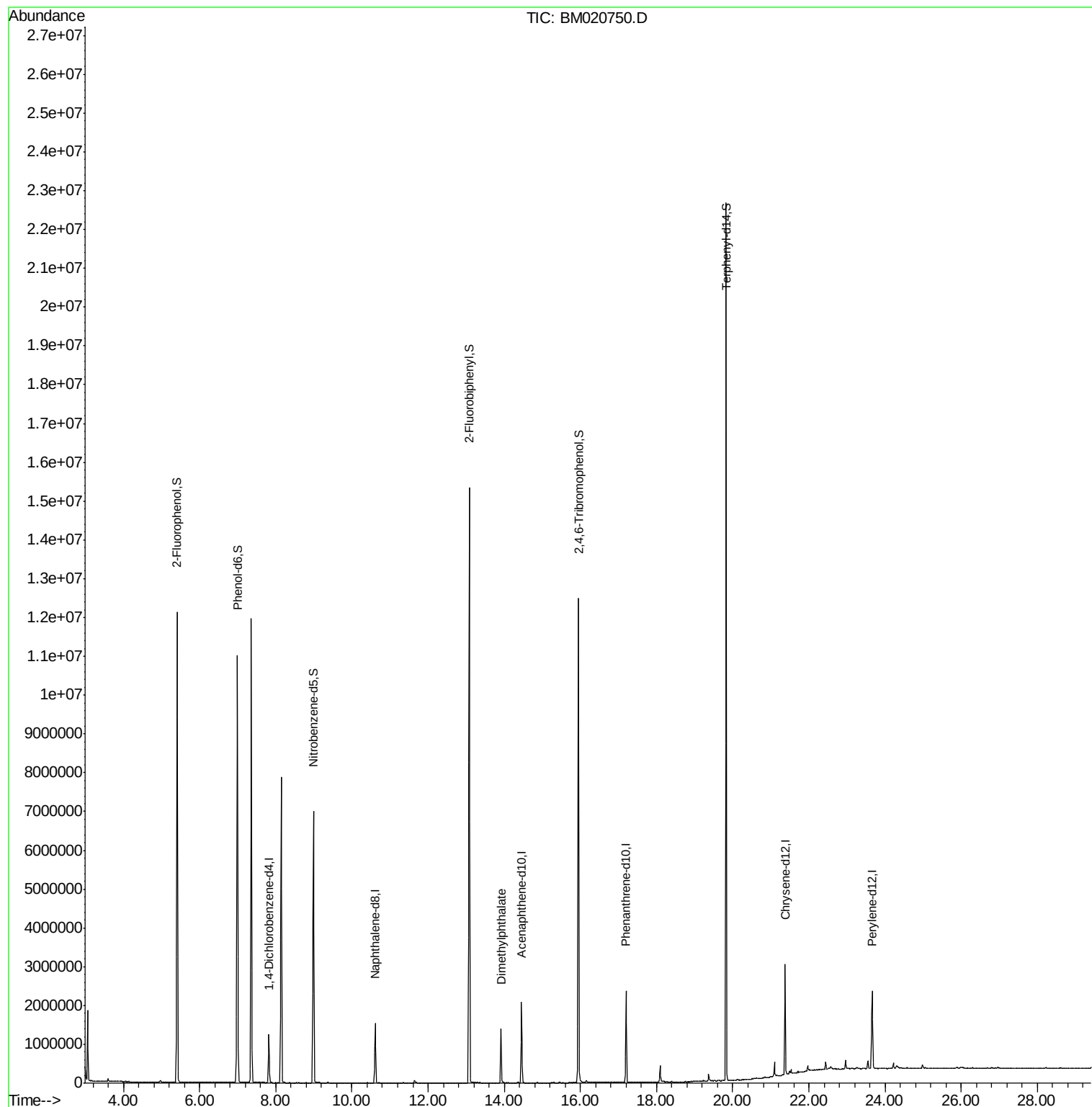
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	326274	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	1243637	20.00	ng	-0.02
39) Acenaphthene-d10	14.46	164	674215	20.00	ng	-0.02
64) Phenanthrene-d10	17.20	188	1372534	20.00	ng	-0.01
76) Chrysene-d12	21.37	240	1202345	20.00	ng	-0.02
87) Perylene-d12	23.66	264	1456262	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	4932478	265.93	ng	0.00
7) Phenol-d6	6.99	99	6722508	246.14	ng	0.00
23) Nitrobenzene-d5	8.99	82	4113040	171.36	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	2512259	300.74	ng	-0.01
45) 2-Fluorobiphenyl	13.08	172	7882177	155.42	ng	-0.01
79) Terphenyl-d14	19.83	244	10154465	141.26	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.00	77	13369	Below Cal	Qvalue #	6
50) Dimethylphthalate	13.92	163	922716	16.019 ng		100

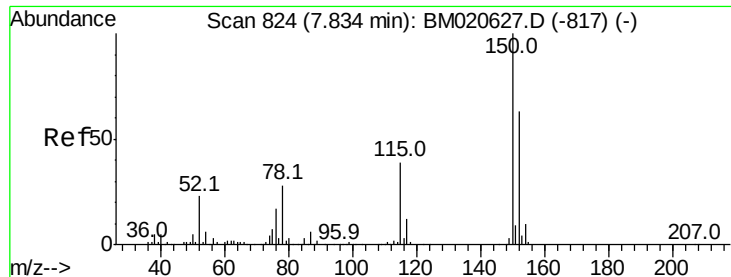
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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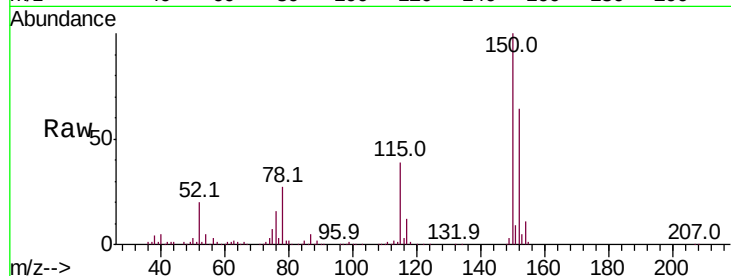


#1

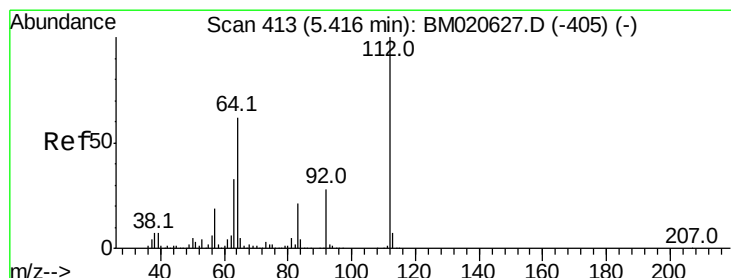
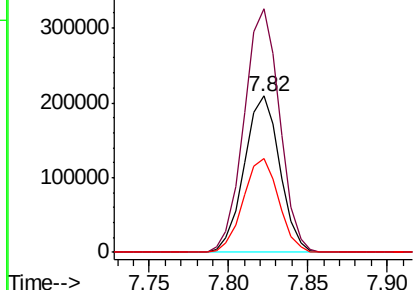
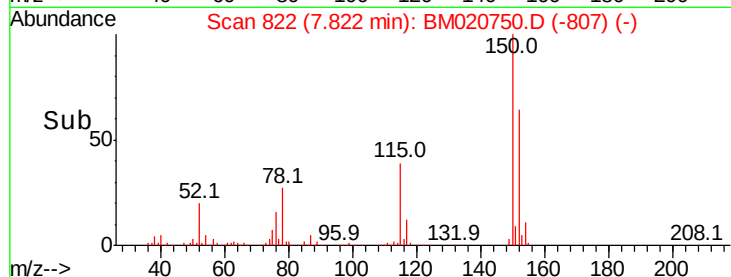
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM020750.D
Acq: 05 Jun 2019 23:26

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-008-ABCD

Tot Ion:152 Resp: 326274
Ion Ratio Lower Upper
152 100
150 155.7 126.0 189.0
115 60.1 49.6 74.4



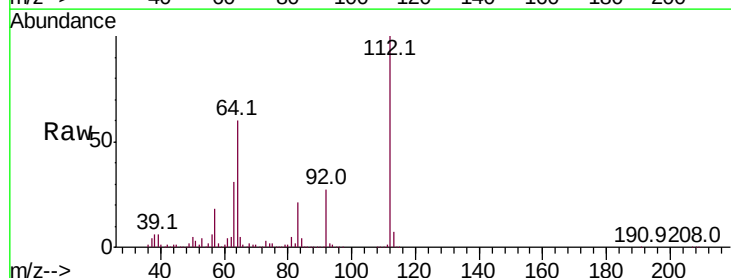
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



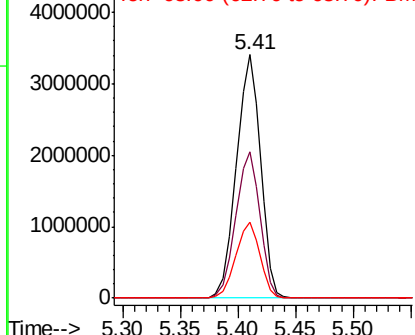
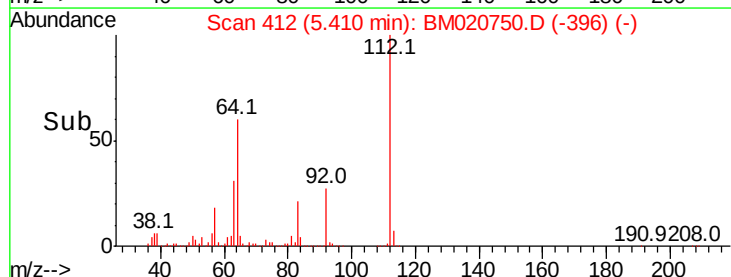
#5

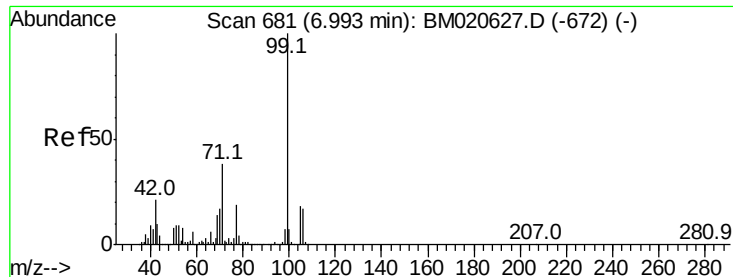
2-Fluorophenol
Concen: 265.928 ng
RT: 5.41 min Scan# 412
Delta R.T. -0.01 min
Lab File: BM020750.D
Acq: 05 Jun 2019 23:26

Tgt Ion:112 Resp: 4932478
Ion Ratio Lower Upper
112 100
64 59.9 49.7 74.5
63 31.3 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: 246.142 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.00 min

Lab File: BM020750.D

Acq: 05 Jun 2019 23:26

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-008-ABCD

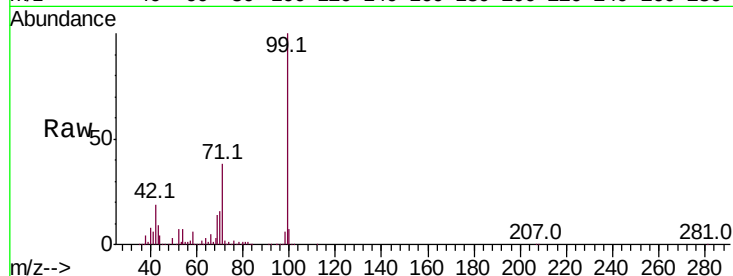
Tot Ion: 99 Resp: 6722508

Ion Ratio Lower Upper

99 100

42 18.5 16.5 24.7

71 37.5 30.7 46.1

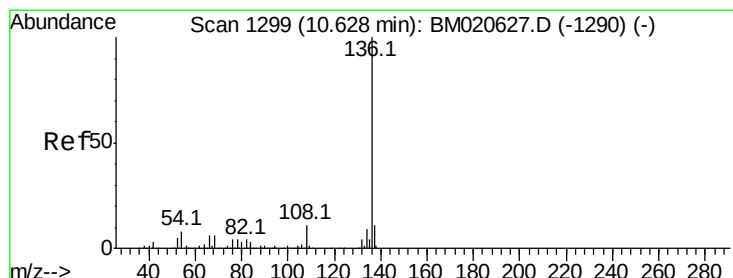
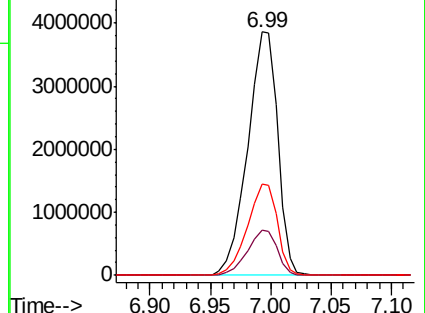
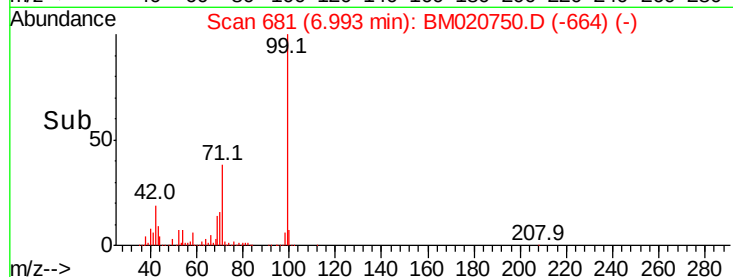


Abundance

Ion 99.00 (98.70 to 99.70): BM020750.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020750.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020750.D (-664) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BM020750.D

Acq: 05 Jun 2019 23:26

Tgt Ion: 136 Resp: 1243637

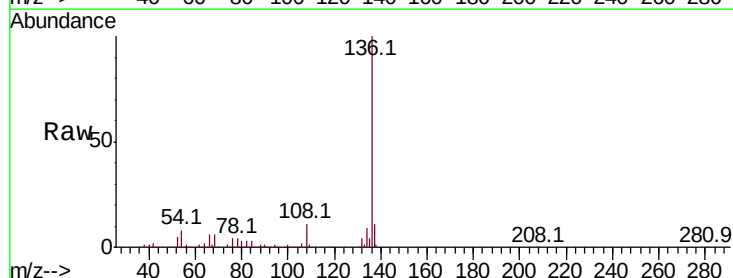
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 7.6 6.6 10.0

68 6.2 5.1 7.7



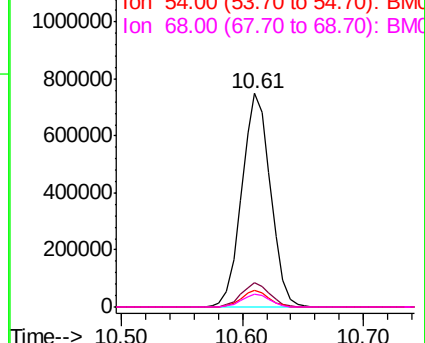
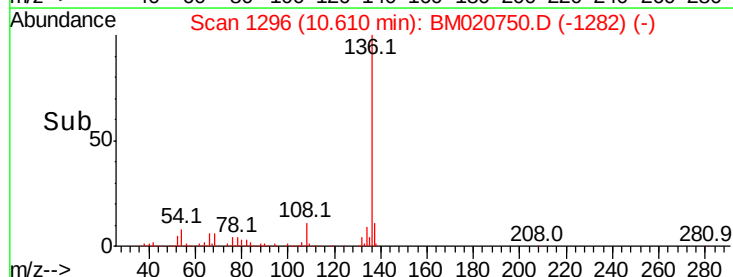
Abundance

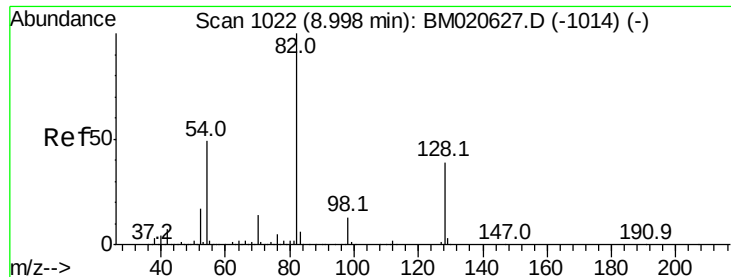
Ion 136.00 (135.70 to 136.70): BM020750.D (-1282) (-)

Ion 137.00 (136.70 to 137.70): BM020750.D (-1282) (-)

Ion 54.00 (53.70 to 54.70): BM020750.D (-1282) (-)

Ion 68.00 (67.70 to 68.70): BM020750.D (-1282) (-)



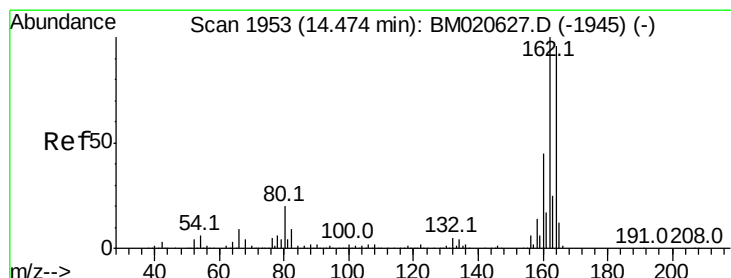
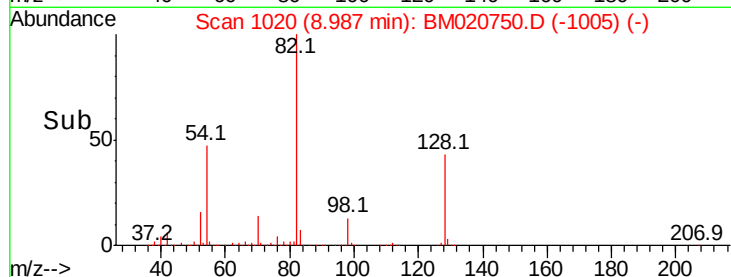
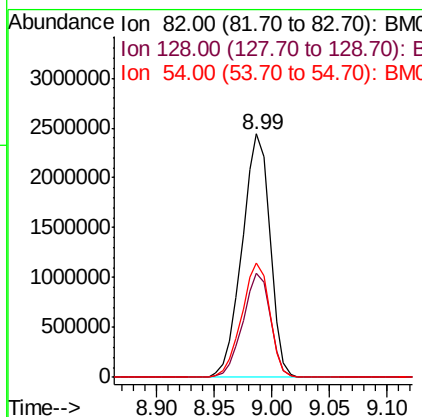
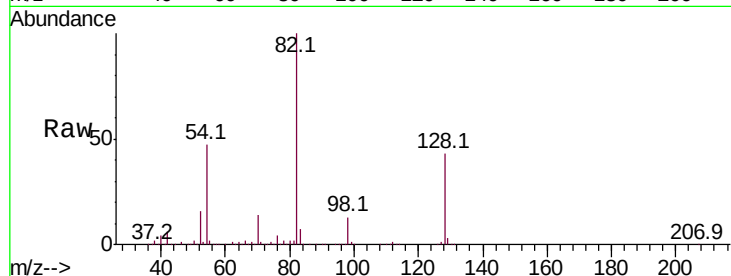


#23
 Nitrobenzene-d5
 Concen: 171.355 ng
 RT: 8.99 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BM020750.D
 Acq: 05 Jun 2019 23:26

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-03-008-ABCD

Tot Ion: 82 Resp: 4113040

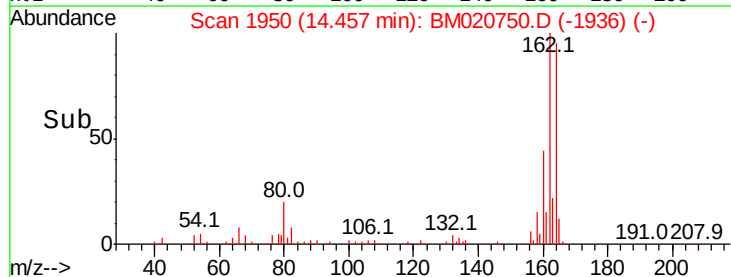
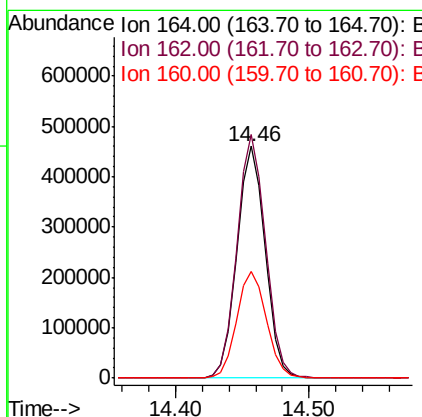
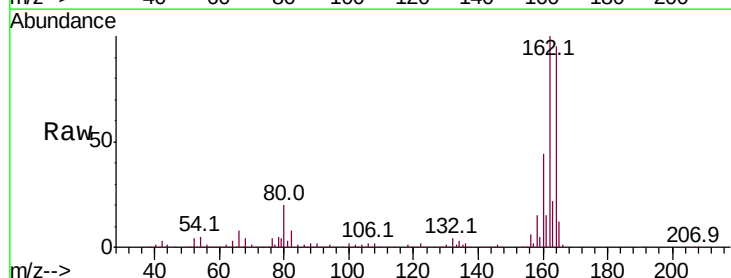
Ion	Ratio	Lower	Upper
82	100		
128	42.9	31.5	47.3
54	47.1	39.4	59.0

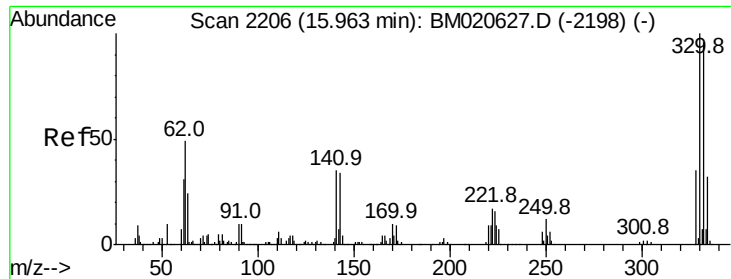


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1950
 Delta R.T. -0.02 min
 Lab File: BM020750.D
 Acq: 05 Jun 2019 23:26

Tgt Ion: 164 Resp: 674215

Ion	Ratio	Lower	Upper
164	100		
162	105.1	83.2	124.8
160	45.8	37.5	56.3



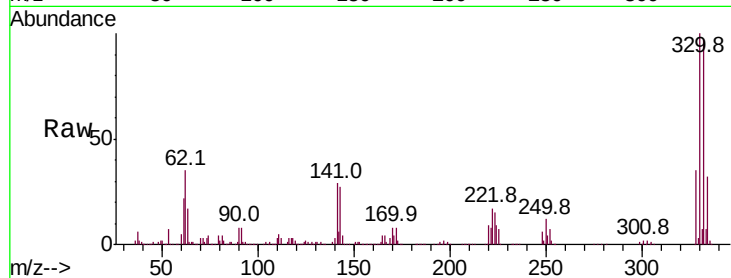


#42
 2,4,6-Tribromophenol
 Concen: 300.744 ng
 RT: 15.95 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BM020750.D
 Acq: 05 Jun 2019 23:26

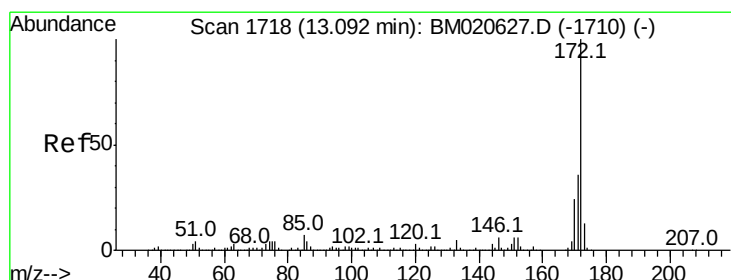
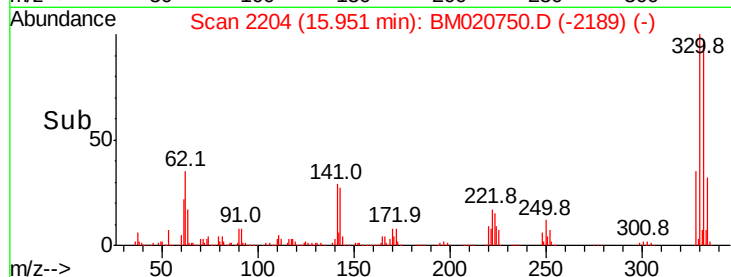
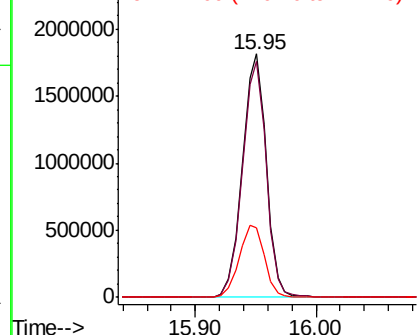
Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-03-008-ABCD

Tot Ion:330 Resp: 2512259

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.0
141	31.4	30.4	45.6



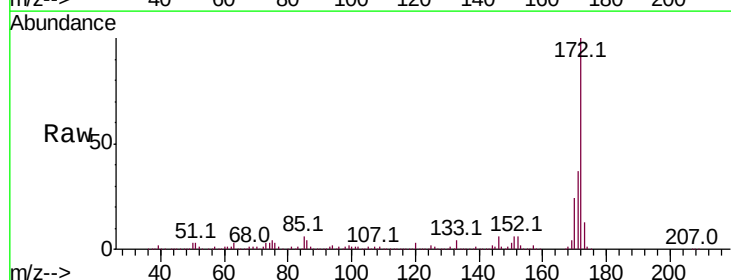
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



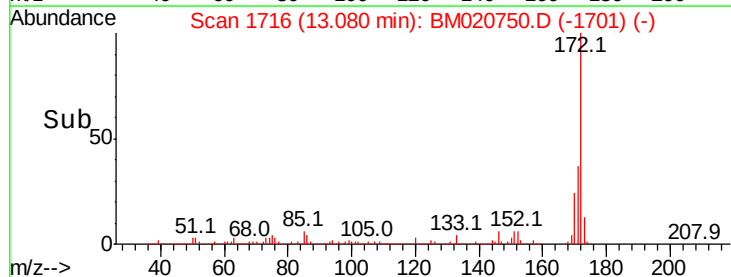
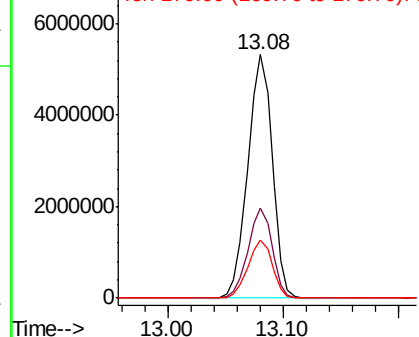
#45
 2-Fluorobiphenyl
 Concen: 155.425 ng
 RT: 13.08 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BM020750.D
 Acq: 05 Jun 2019 23:26

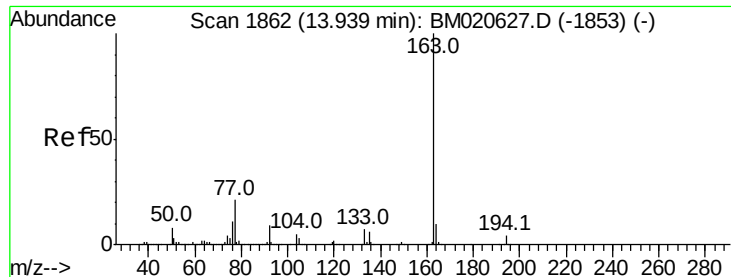
Tgt Ion:172 Resp: 7882177

Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.6	43.0
170	23.9	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





#50

Dimethylphthalate

Concen: 16.019 ng

RT: 13.92 min Scan# 1858

Delta R.T. -0.02 min

Lab File: BM020750.D

Acq: 05 Jun 2019 23:26

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-008-ABCD

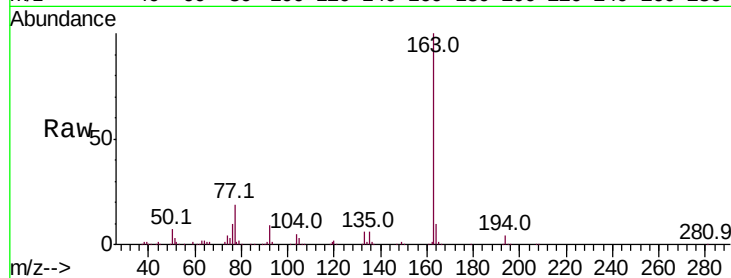
Tot Ion:163 Resp: 922716

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

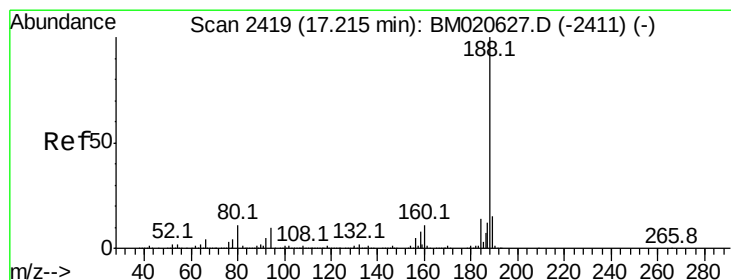
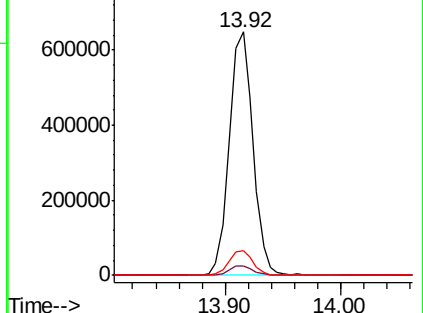
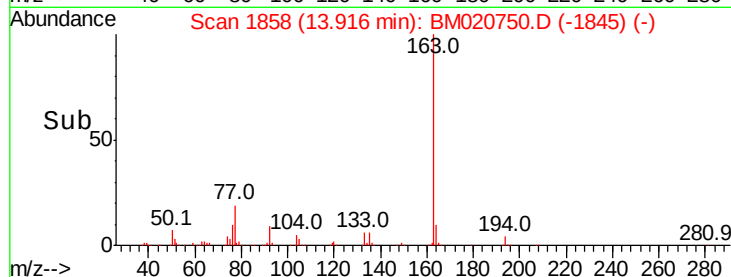
164 10.0 7.9 11.9



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: 17.20 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BM020750.D

Acq: 05 Jun 2019 23:26

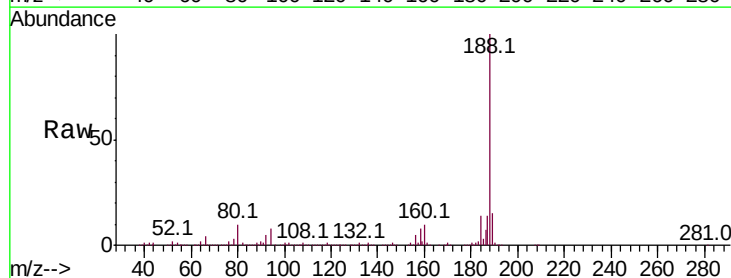
Tgt Ion:188 Resp: 1372534

Ion Ratio Lower Upper

188 100

94 8.3 7.8 11.8

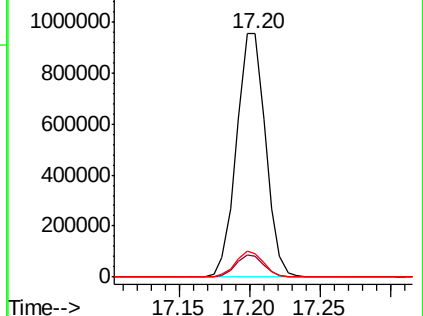
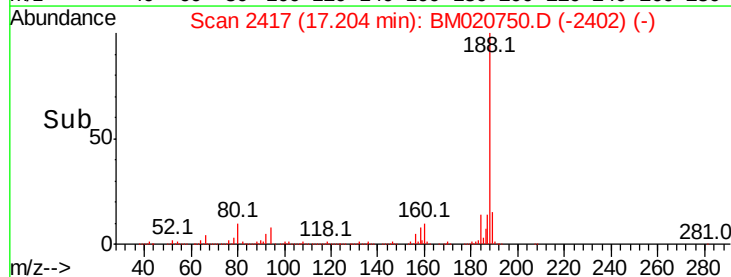
80 9.7 9.0 13.6

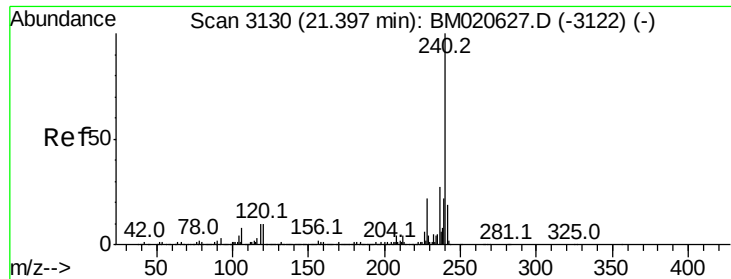


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

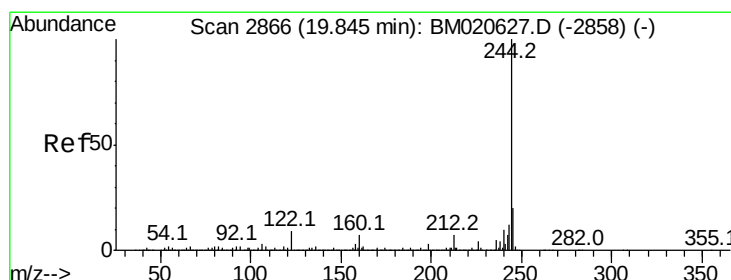
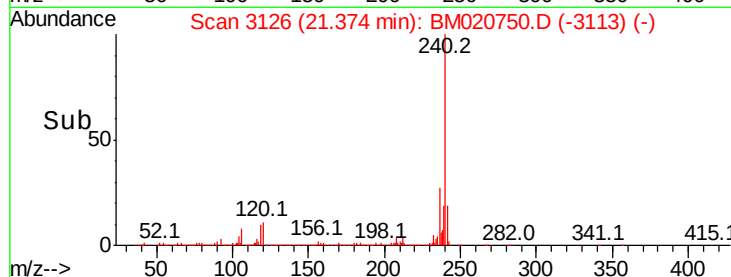
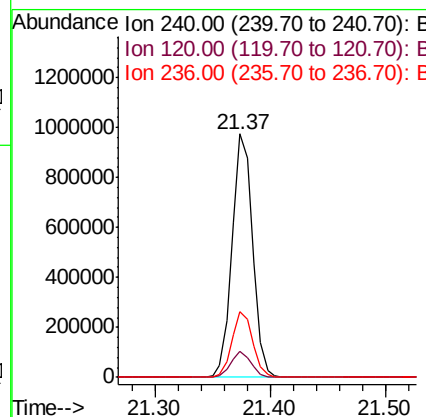
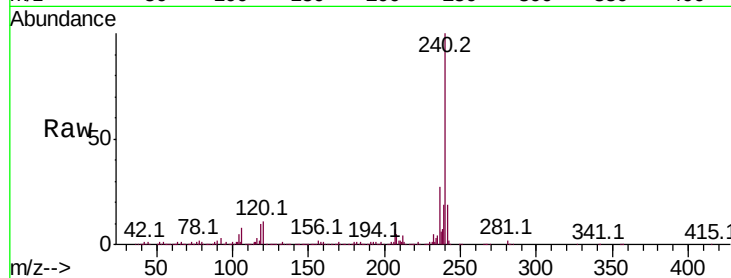




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BM020750.D
Acq: 05 Jun 2019 23:26

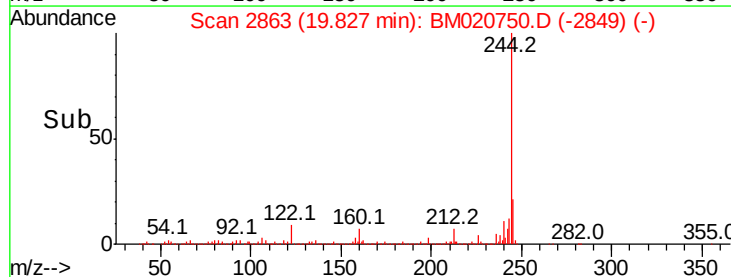
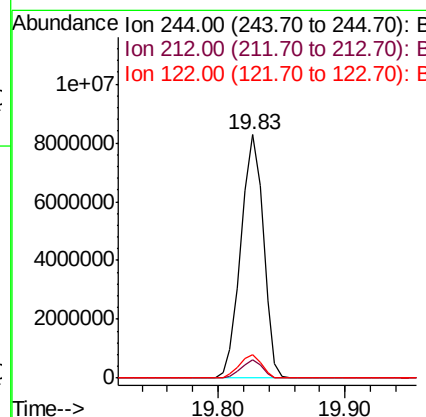
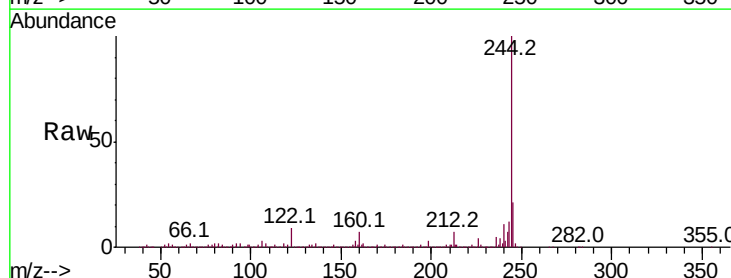
Instrument :
BNA_M
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FK-BPM-03-008-ABCD

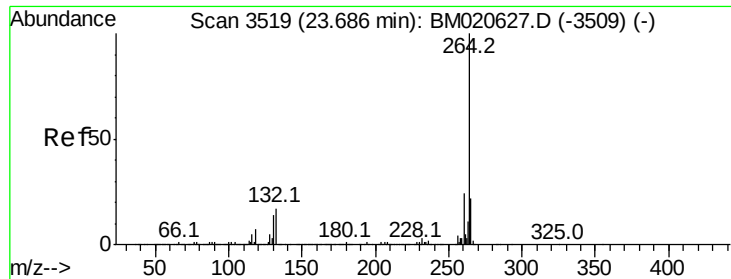
Tot Ion:240 Resp: 1202345
Ion Ratio Lower Upper
240 100
120 10.8 8.2 12.2
236 26.7 21.2 31.8



#79
Terphenyl-d14
Concen: 141.264 ng
RT: 19.83 min Scan# 2863
Delta R.T. -0.02 min
Lab File: BM020750.D
Acq: 05 Jun 2019 23:26

Tgt Ion:244 Resp:10154465
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 9.4 7.2 10.8





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.66 min Scan# 3515
Delta R.T. -0.02 min
Lab File: BM020750.D
Acq: 05 Jun 2019 23:26

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-008-ABCD

Tot Ion:264 Resp: 1456262

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.0	17.6	26.4

