

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092319\
 Data File : BM022745.D
 Acq On : 23 Sep 2019 17:47
 Operator : HP/JU
 Sample : PB123254BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB123254BL

Quant Time: Sep 24 07:08:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 24 07:00:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	176143	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	715918	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	464508	20.00	ng	0.00
64) Phenanthrene-d10	17.19	188	1063551	20.00	ng	0.00
76) Chrysene-d12	21.37	240	1172208	20.00	ng	-0.01
87) Perylene-d12	23.64	264	1392309	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1336046	120.30	ng	0.00
7) Phenol-d6	6.99	99	1873715	131.35	ng	0.00
23) Nitrobenzene-d5	8.97	82	1006610	78.05	ng	0.00
42) 2,4,6-Tribromophenol	15.95	330	724429	124.93	ng	0.00
45) 2-Fluorobiphenyl	13.08	172	2633124	78.06	ng	0.00
79) Terphenyl-d14	19.82	244	5223900	86.29	ng	0.00

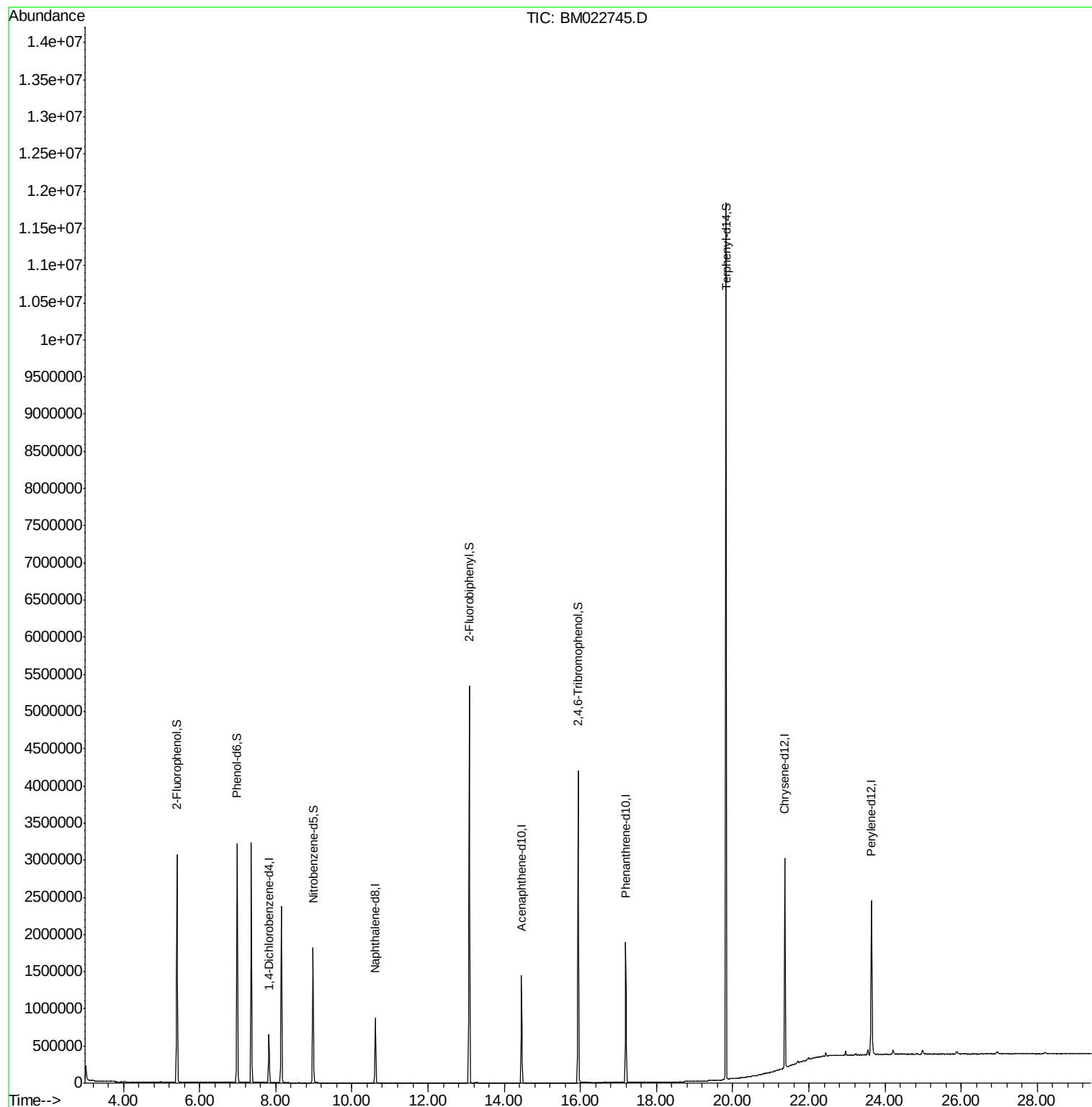
Target Compounds Qvalue

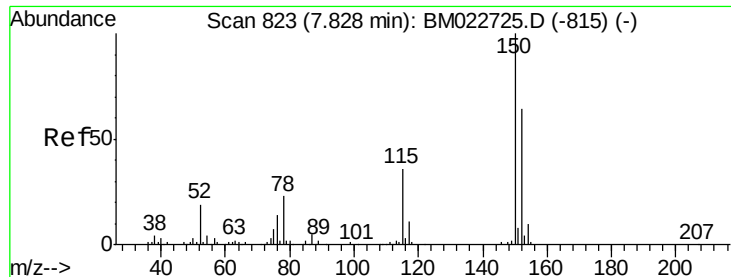
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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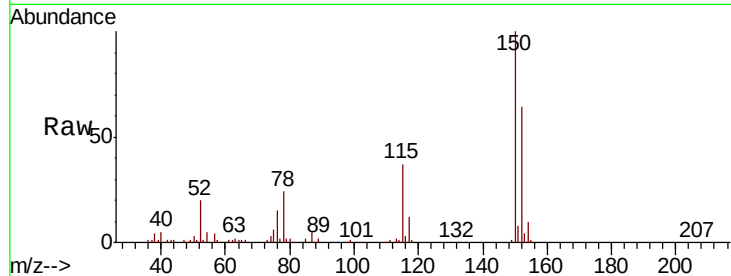


#1

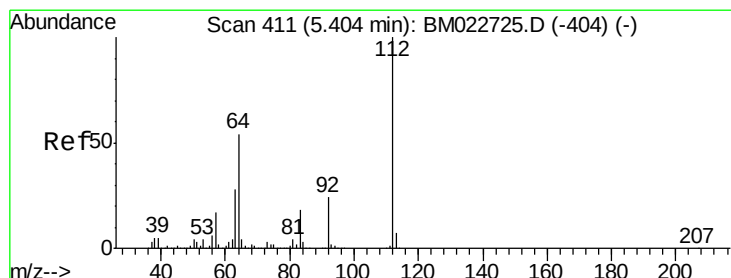
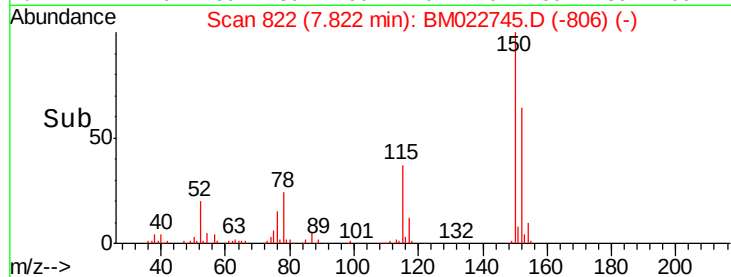
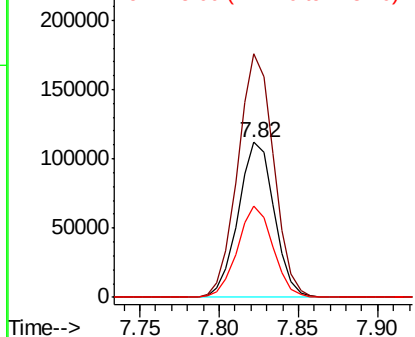
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM022745.D
Acq: 23 Sep 2019 17:47

Instrument :
BNA_M
ClientSampleId :
PB123254BL

Tot Ion:152 Resp: 176143
Ion Ratio Lower Upper
152 100
150 157.2 124.5 186.7
115 58.8 45.0 67.4



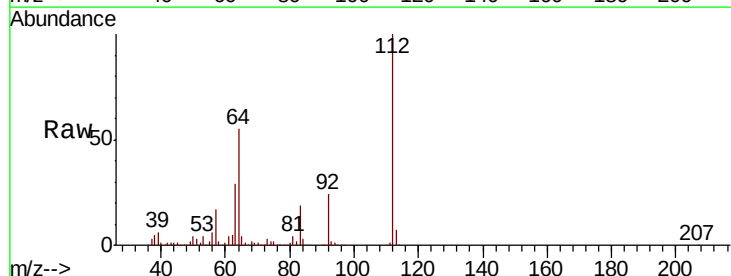
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



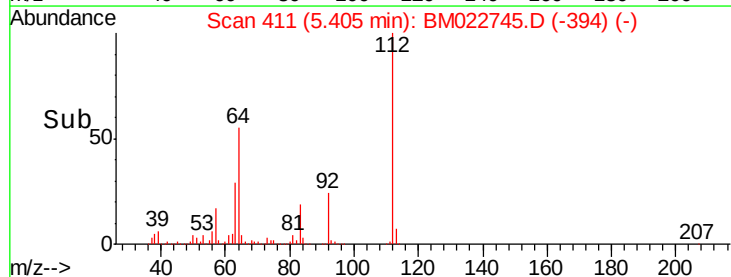
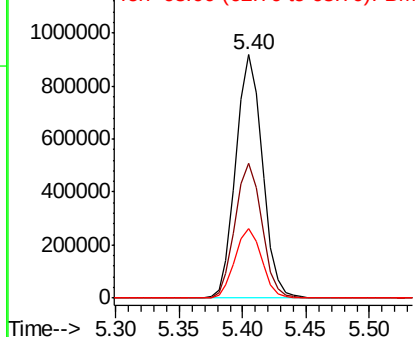
#5

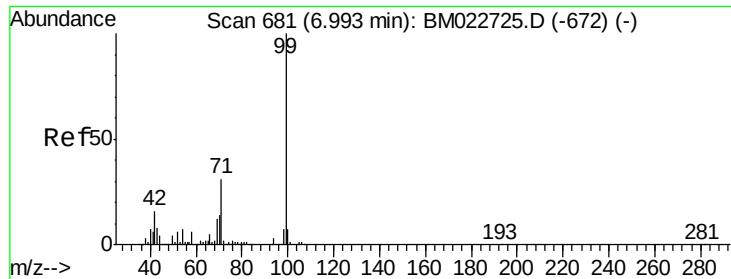
2-Fluorophenol
Concen: 120.296 ng
RT: 5.40 min Scan# 411
Delta R.T. 0.00 min
Lab File: BM022745.D
Acq: 23 Sep 2019 17:47

Tgt Ion:112 Resp: 1336046
Ion Ratio Lower Upper
112 100
64 55.5 43.4 65.2
63 28.7 22.1 33.1



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: 131.352 ng

RT: 6.99 min Scan# 680

Delta R.T. -0.01 min

Lab File: BM022745.D

Acq: 23 Sep 2019 17:47

Instrument :

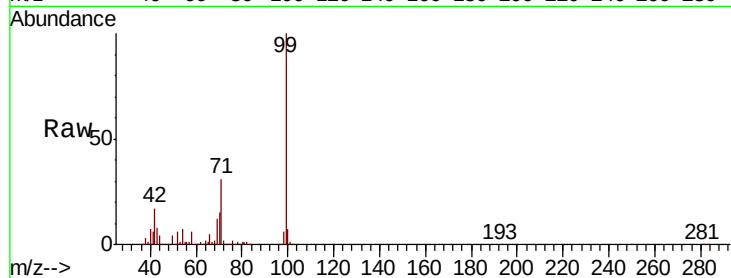
BNA_M

ClientSampleId :

PB123254BL

Tot Ion: 99 Resp: 1873715

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.0	19.4
71	31.5	24.7	37.1

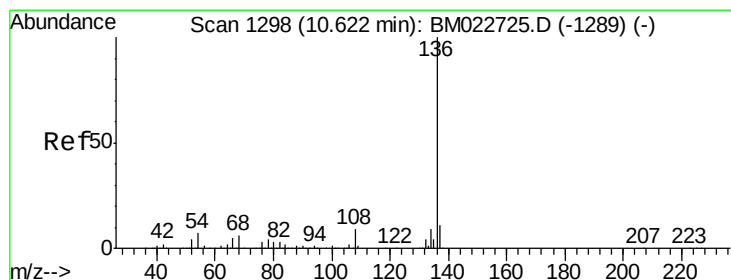
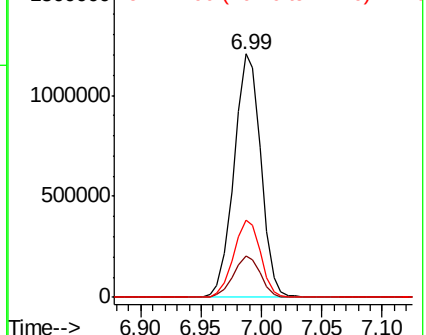
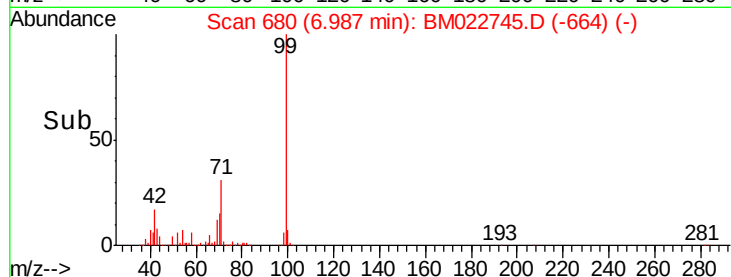


Abundance

Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1297

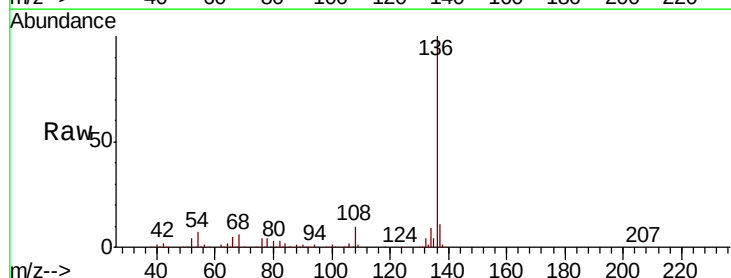
Delta R.T. -0.01 min

Lab File: BM022745.D

Acq: 23 Sep 2019 17:47

Tgt Ion: 136 Resp: 715918

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.4	6.0	9.0
68	6.0	4.9	7.3



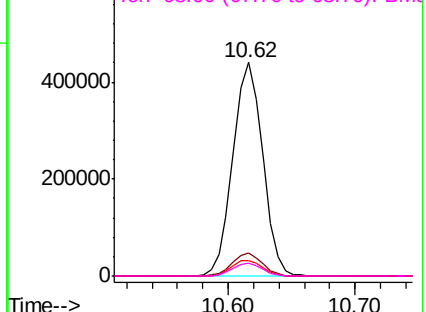
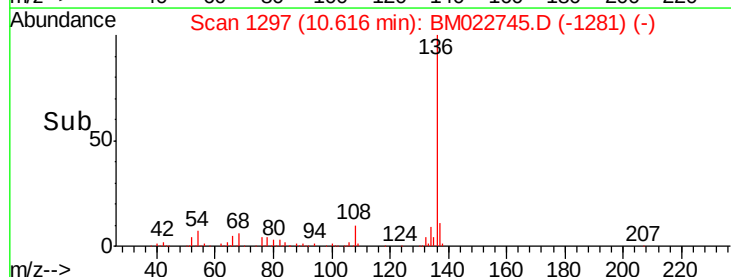
Abundance

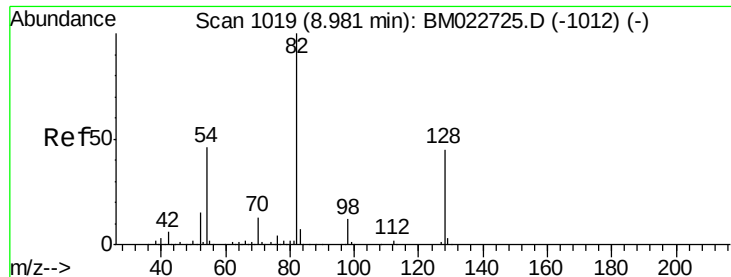
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0



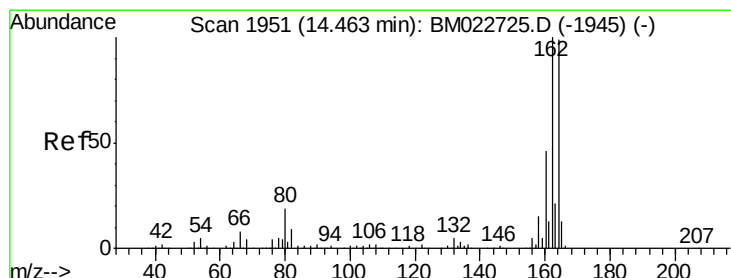
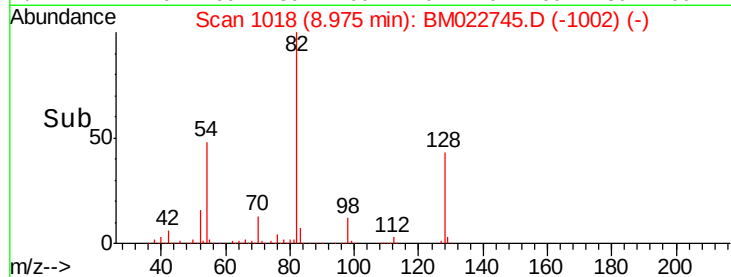
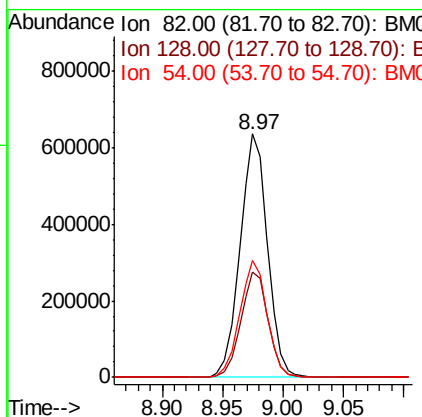
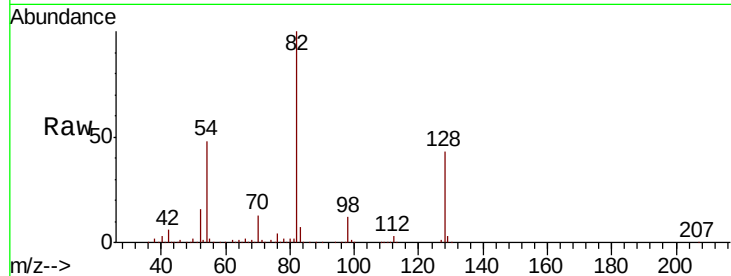


#23
 Nitrobenzene-d5
 Concen: 78.049 ng
 RT: 8.97 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BM022745.D
 Acq: 23 Sep 2019 17:47

Instrument :
 BNA_M
 ClientSampleId :
 PB123254BL

Tot Ion: 82 Resp: 1006610

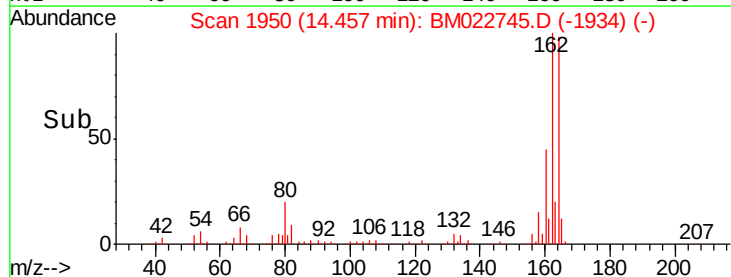
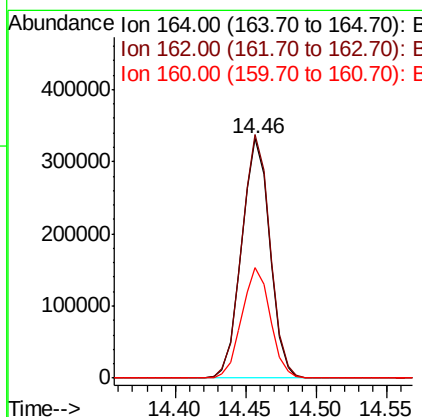
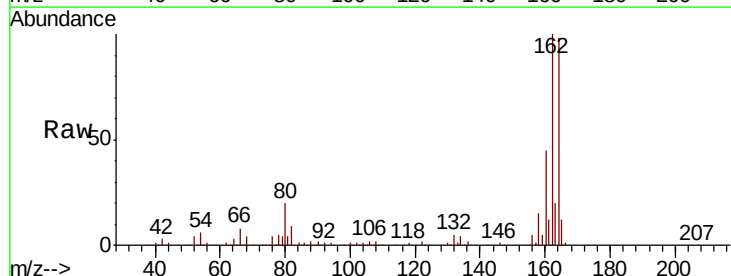
Ion	Ratio	Lower	Upper
82	100		
128	43.2	36.0	54.0
54	47.9	37.1	55.7

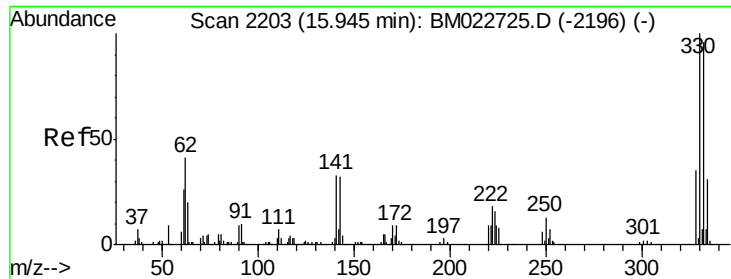


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BM022745.D
 Acq: 23 Sep 2019 17:47

Tgt Ion: 164 Resp: 464508

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.1	121.7
160	46.1	36.9	55.3





#42

2,4,6-Tribromophenol

Concen: 124.931 ng

RT: 15.95 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BM022745.D

Acq: 23 Sep 2019 17:47

Instrument :

BNA_M

ClientSampleId :

PB123254BL

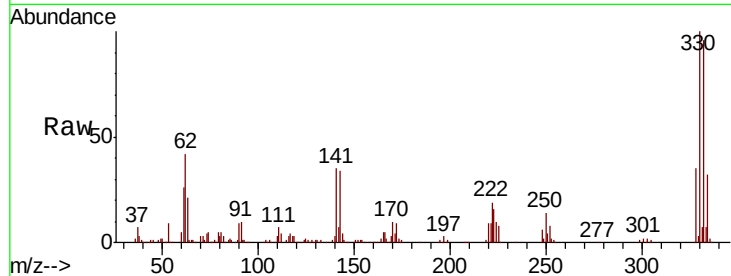
Tot Ion:330 Resp: 724429

Ion Ratio Lower Upper

330 100

332 96.4 76.9 115.3

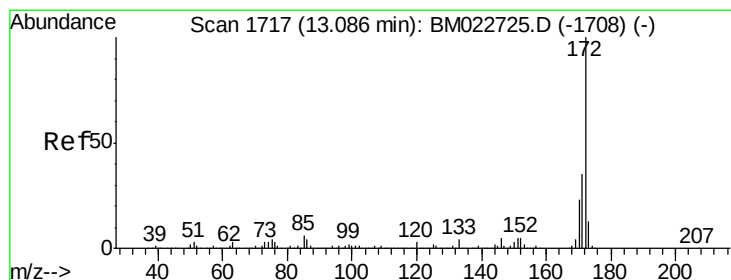
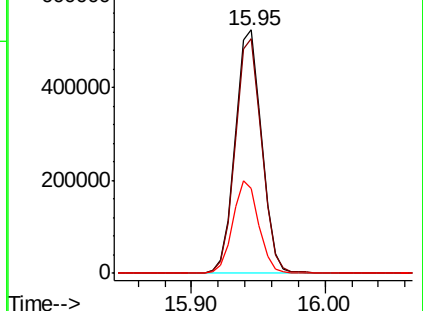
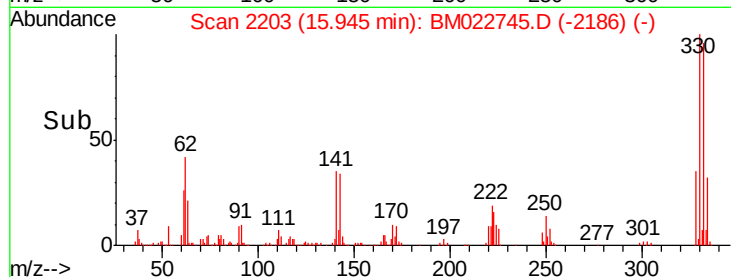
141 37.5 28.6 42.8



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: 78.059 ng

RT: 13.08 min Scan# 1716

Delta R.T. -0.01 min

Lab File: BM022745.D

Acq: 23 Sep 2019 17:47

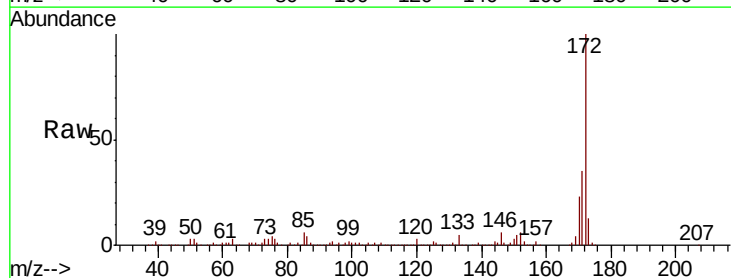
Tgt Ion:172 Resp: 2633124

Ion Ratio Lower Upper

172 100

171 35.2 27.8 41.8

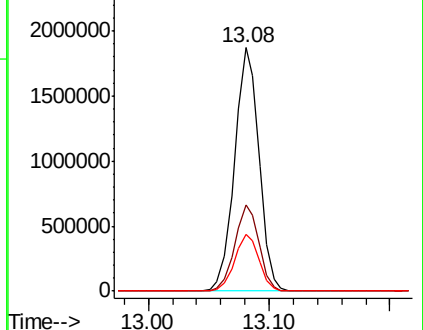
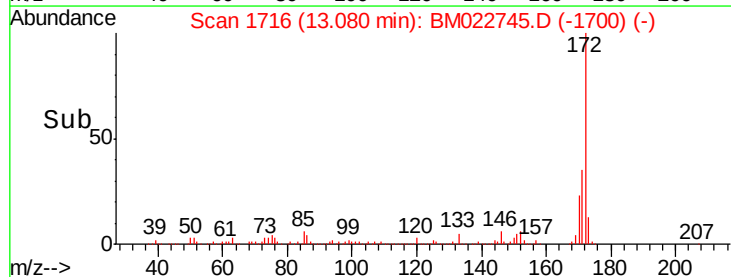
170 23.3 18.7 28.1

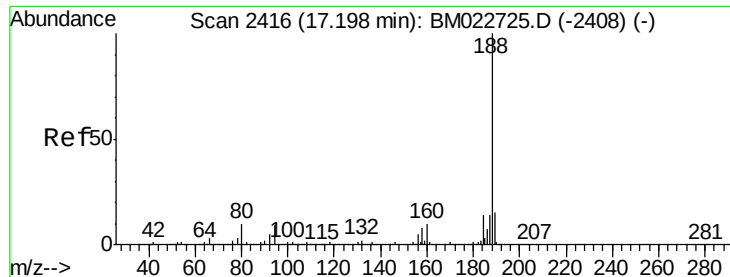


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

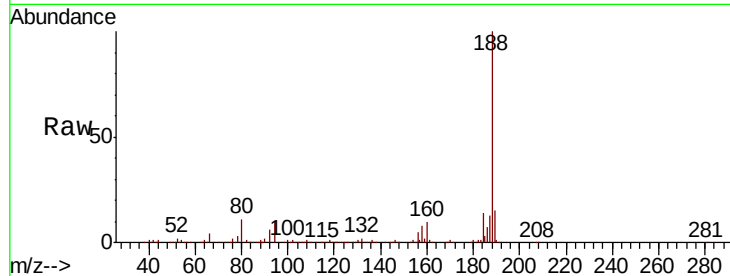




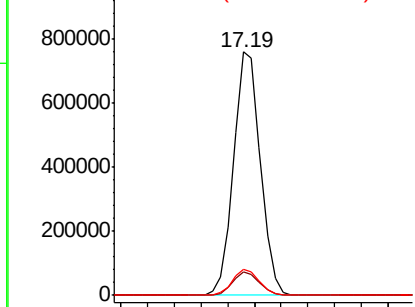
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM022745.D
Acq: 23 Sep 2019 17:47

Instrument :
BNA_M
ClientSampleId :
PB123254BL

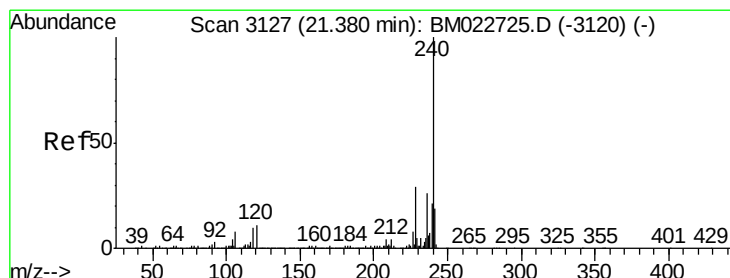
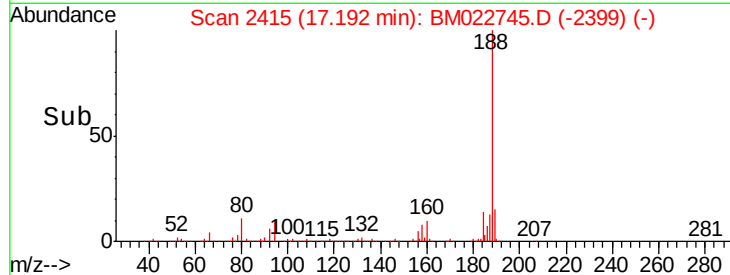
Tot Ion:188 Resp: 1063551
Ion Ratio Lower Upper
188 100
94 9.8 7.3 10.9
80 10.7 7.8 11.8



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

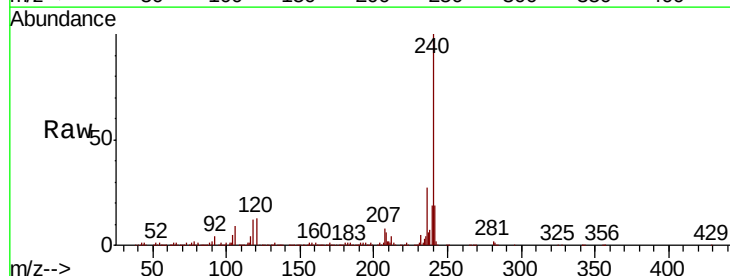


Time--> 17.10 17.20

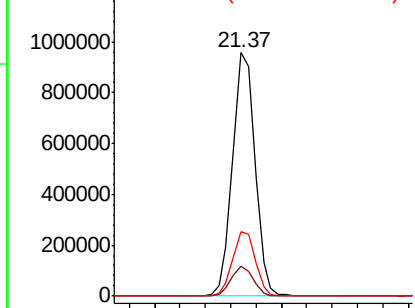


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BM022745.D
Acq: 23 Sep 2019 17:47

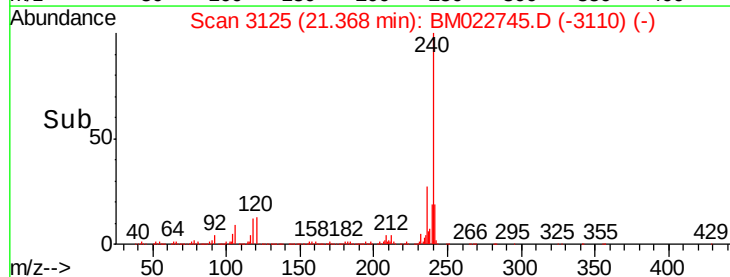
Tgt Ion:240 Resp: 1172208
Ion Ratio Lower Upper
240 100
120 12.5 8.8 13.2
236 26.6 20.8 31.2

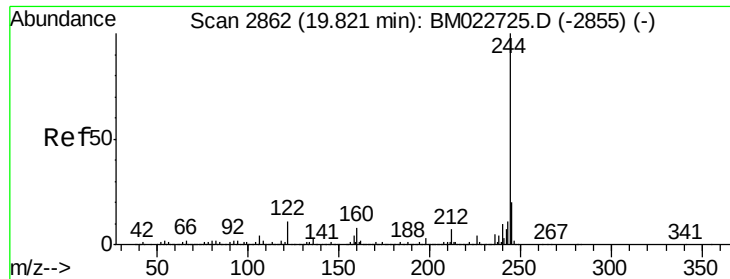


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time--> 21.30 21.40





#79

Terphenyl-d14

Concen: 86.294 ng

RT: 19.82 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BM022745.D

Acq: 23 Sep 2019 17:47

Instrument :

BNA_M

ClientSampleId :

PB123254BL

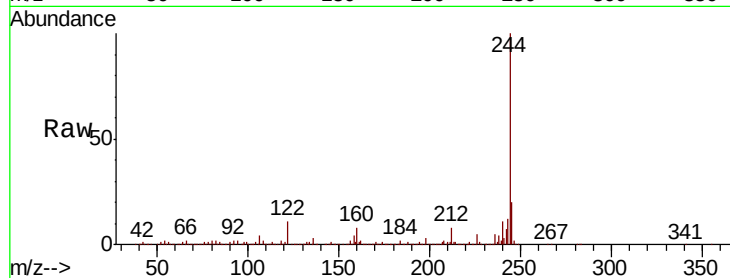
Tot Ion:244 Resp: 5223900

Ion Ratio Lower Upper

244 100

212 7.9 5.9 8.9

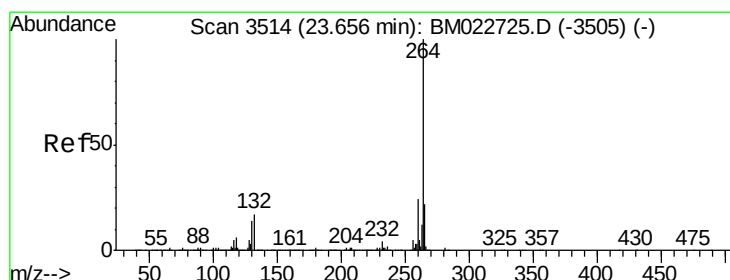
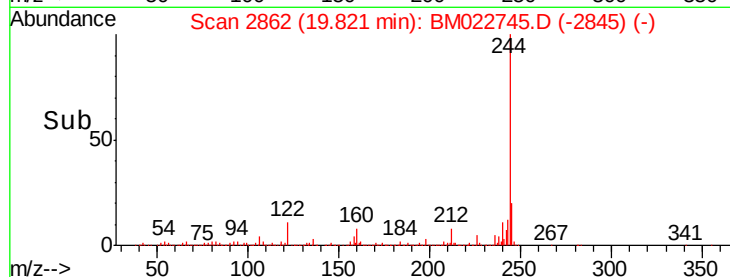
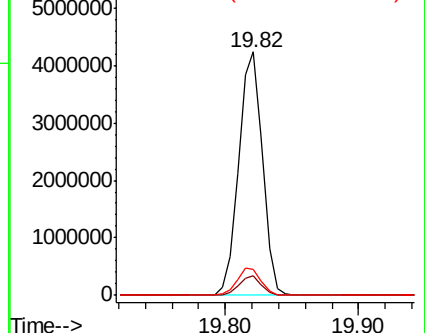
122 10.9 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.64 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BM022745.D

Acq: 23 Sep 2019 17:47

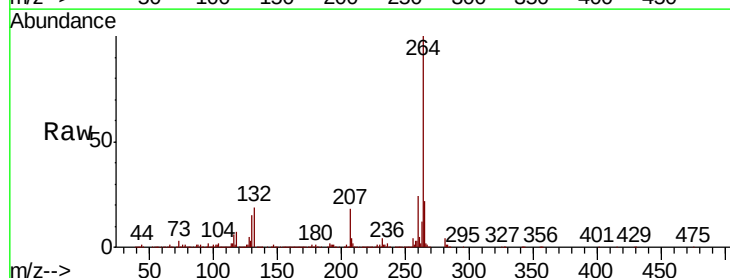
Tgt Ion:264 Resp: 1392309

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 22.2 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

