

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092319\
 Data File : BM022742.D
 Acq On : 23 Sep 2019 15:56
 Operator : HP/JU
 Sample : PB123250BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB123250BL

Quant Time: Sep 24 07:27:54 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	326428	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1250089	20.00	ng	0.00
39) Acenaphthene-d10	14.46	164	762924	20.00	ng	0.00
64) Phenanthrene-d10	17.20	188	1635538	20.00	ng	0.00
76) Chrysene-d12	21.37	240	1557919	20.00	ng	0.00
87) Perylene-d12	23.65	264	1536346	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	2318338	112.64	ng	0.00
7) Phenol-d6	6.99	99	3103509	117.40	ng	0.00
23) Nitrobenzene-d5	8.98	82	1746286	77.54	ng	0.00
42) 2,4,6-Tribromophenol	15.94	330	1172558	123.12	ng	0.00
45) 2-Fluorobiphenyl	13.09	172	4292017	77.47	ng	0.00
79) Terphenyl-d14	19.82	244	6952707	86.42	ng	0.00

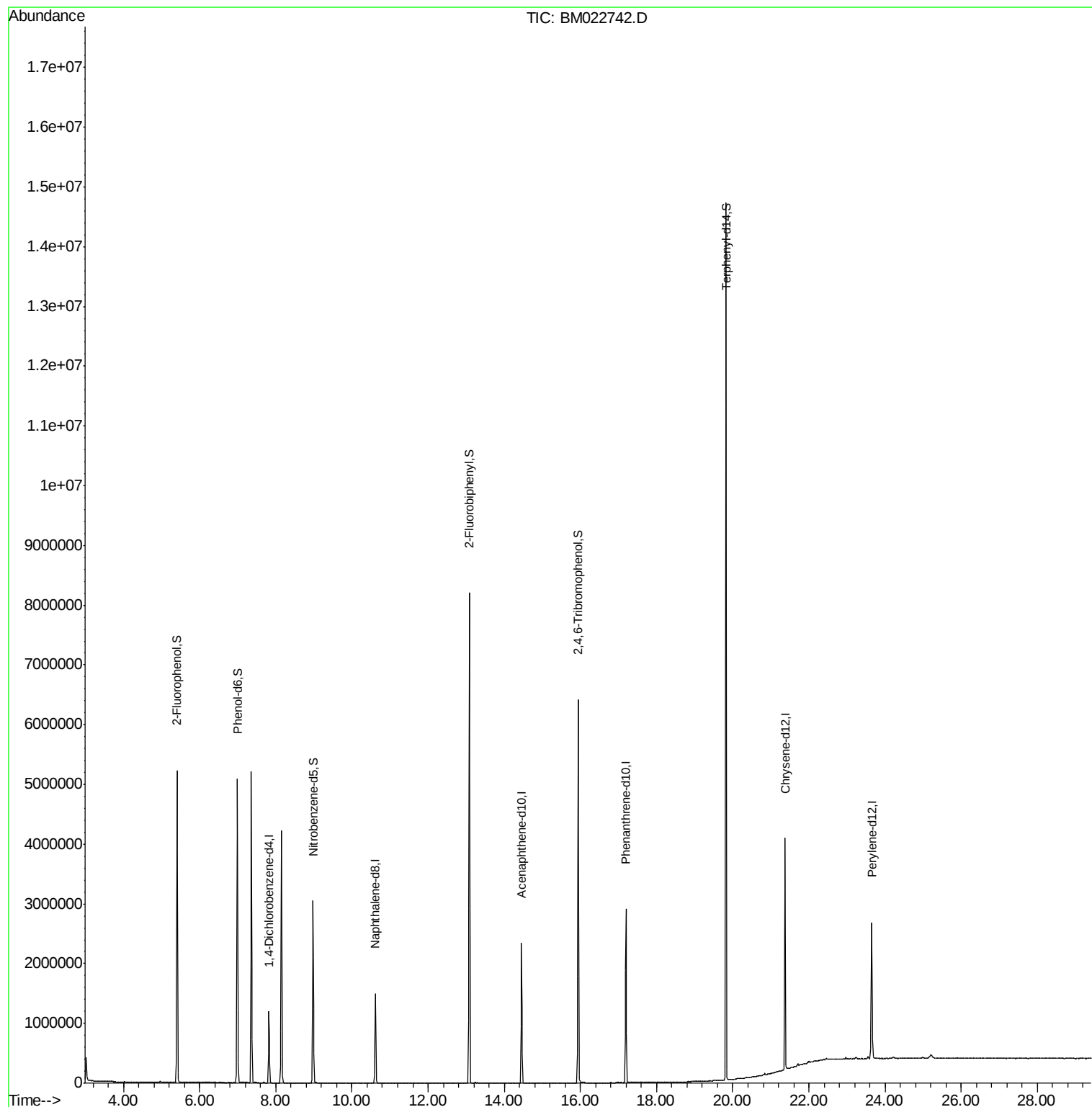
Target Compounds Qvalue

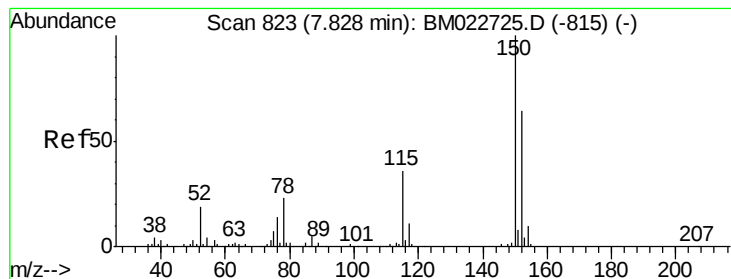
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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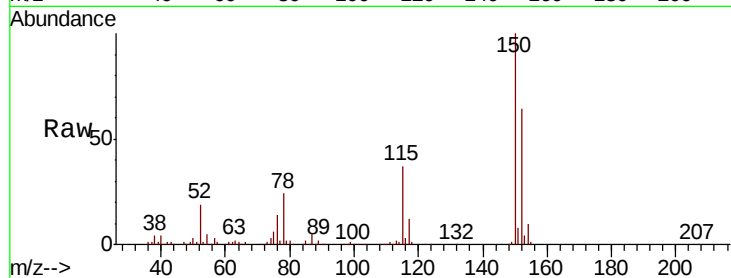


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM022742.D
Acq: 23 Sep 2019 15:56

Instrument :
BNA_M
ClientSampleId :
PB123250BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.5	186.7
115	57.1	45.0	67.4

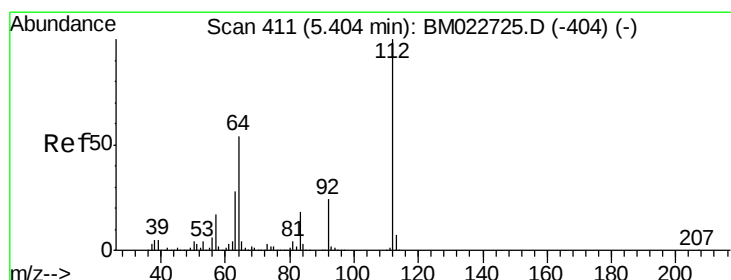
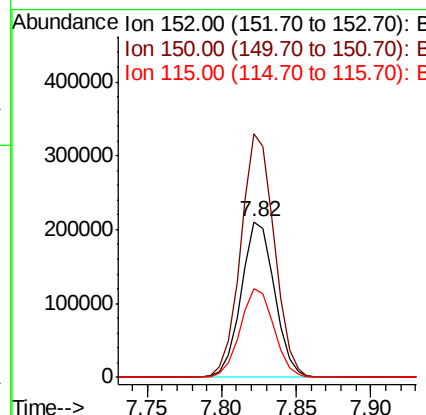
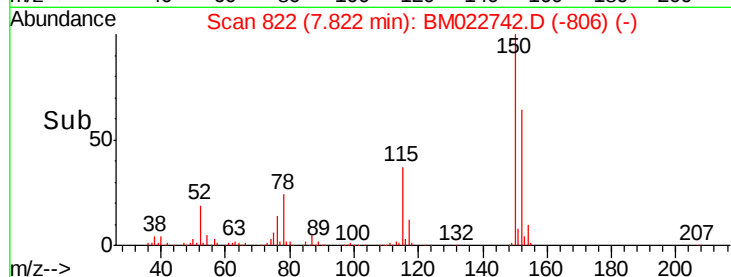


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

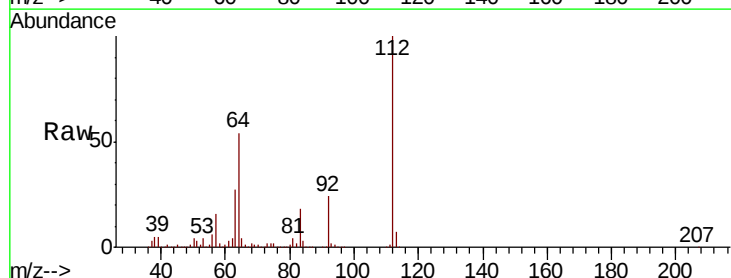
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 112.637 ng
RT: 5.41 min Scan# 412
Delta R.T. 0.01 min
Lab File: BM022742.D
Acq: 23 Sep 2019 15:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	43.4	65.2
63	27.4	22.1	33.1

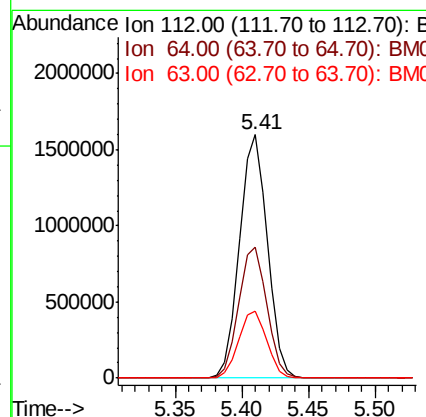
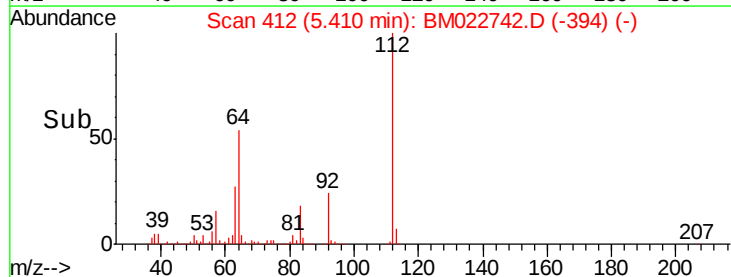


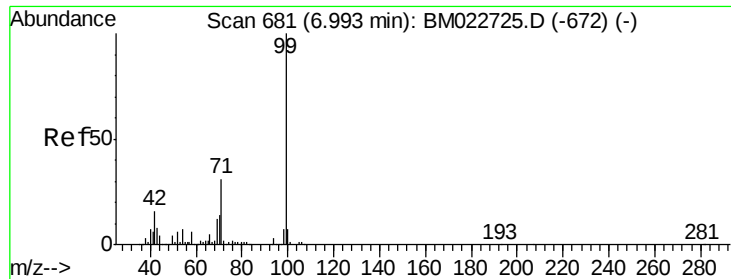
Abundance

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: 117.399 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM022742.D

Acq: 23 Sep 2019 15:56

Instrument :

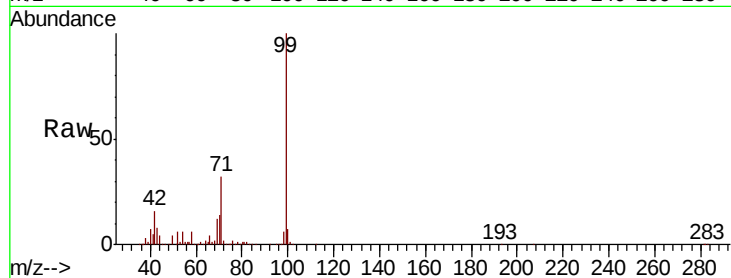
BNA_M

ClientSampleId :

PB123250BL

Tot Ion: 99 Resp: 3103509

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.0	19.4
71	31.5	24.7	37.1

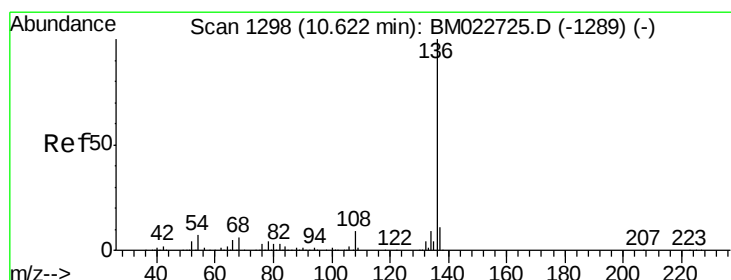
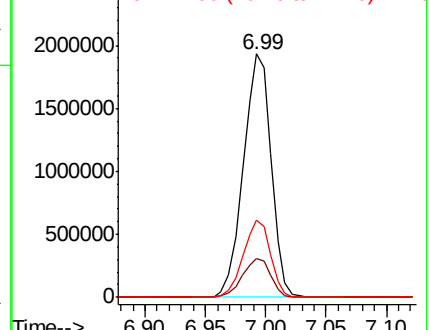
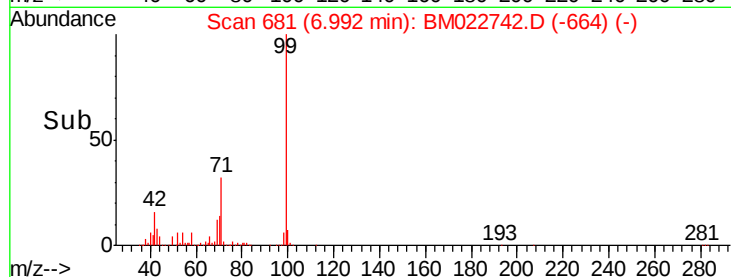


Abundance

Ion 99.00 (98.70 to 99.70): BM022742.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM022742.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM022742.D (-664) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1297

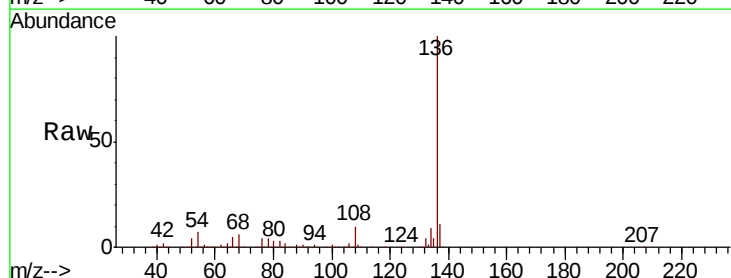
Delta R.T. -0.01 min

Lab File: BM022742.D

Acq: 23 Sep 2019 15:56

Tgt Ion: 136 Resp: 1250089

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.4	6.0	9.0
68	6.0	4.9	7.3



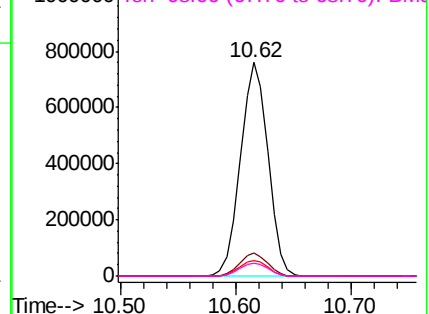
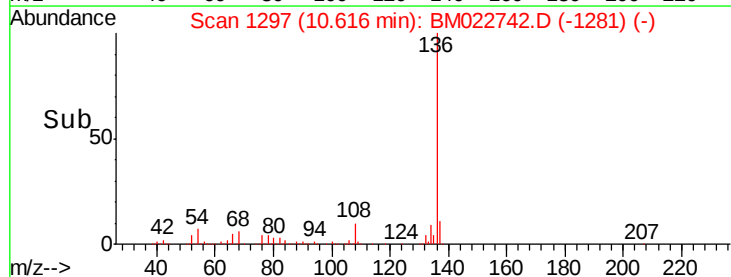
Abundance

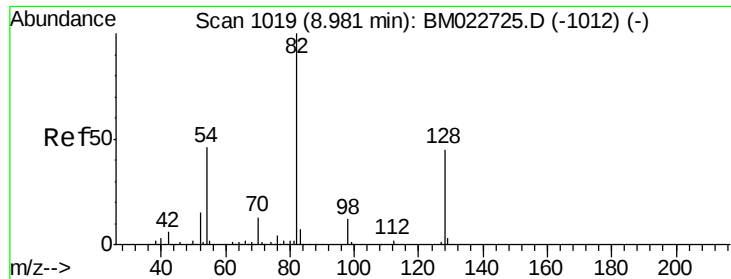
Ion 136.00 (135.70 to 136.70): BM022742.D (-1281) (-)

Ion 137.00 (136.70 to 137.70): BM022742.D (-1281) (-)

Ion 54.00 (53.70 to 54.70): BM022742.D (-1281) (-)

Ion 68.00 (67.70 to 68.70): BM022742.D (-1281) (-)

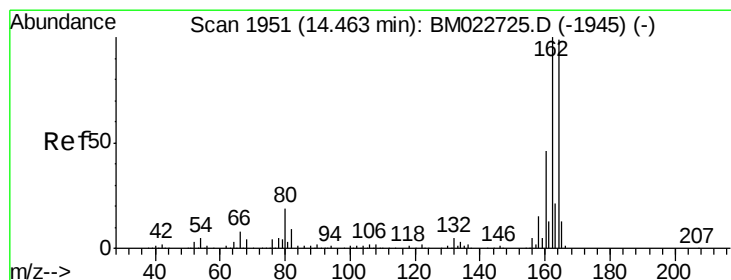
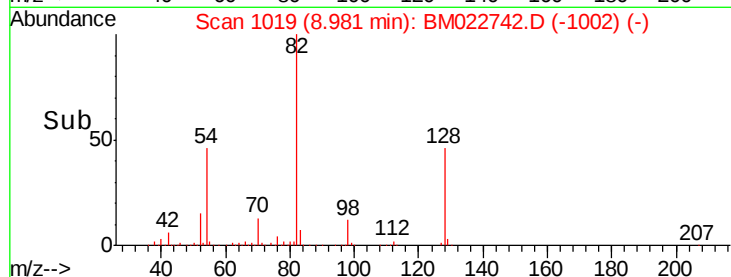
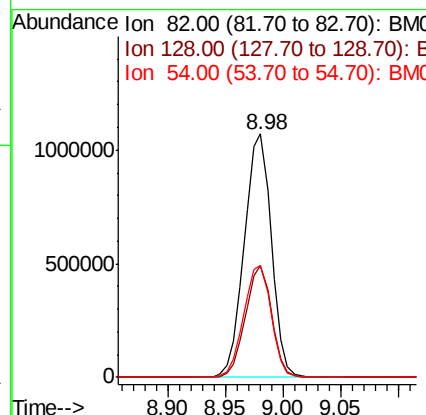
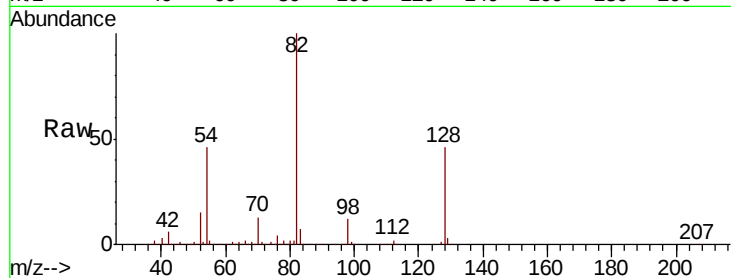




#23
Nitrobenzene-d5
Concen: 77.544 ng
RT: 8.98 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BM022742.D
Acq: 23 Sep 2019 15:56

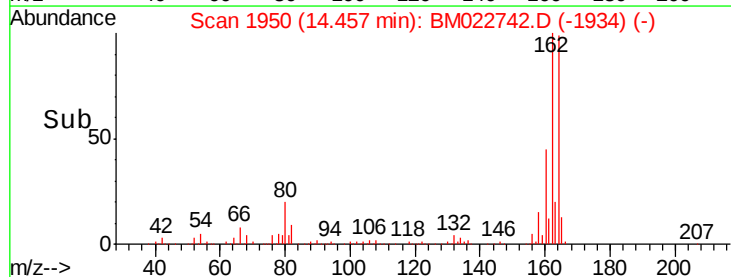
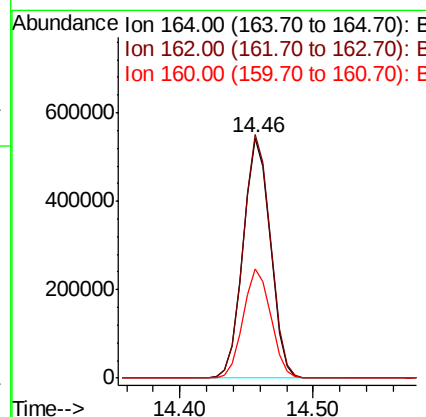
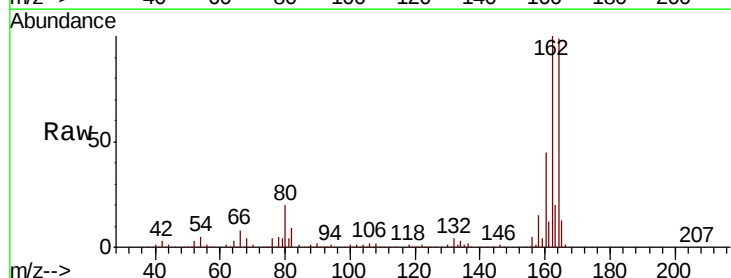
Instrument :
BNA_M
ClientSampleId :
PB123250BL

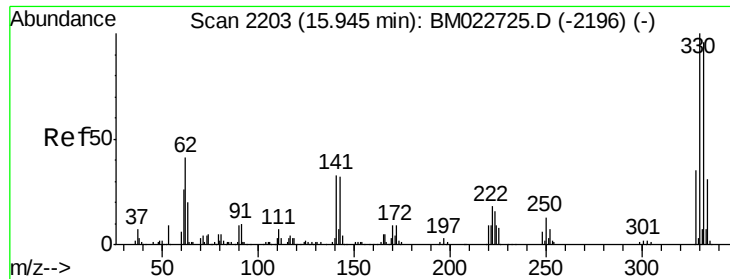
Tot Ion: 82 Resp: 1746286
Ion Ratio Lower Upper
82 100
128 45.9 36.0 54.0
54 46.1 37.1 55.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BM022742.D
Acq: 23 Sep 2019 15:56

Tgt Ion: 164 Resp: 762924
Ion Ratio Lower Upper
164 100
162 101.3 81.1 121.7
160 45.3 36.9 55.3

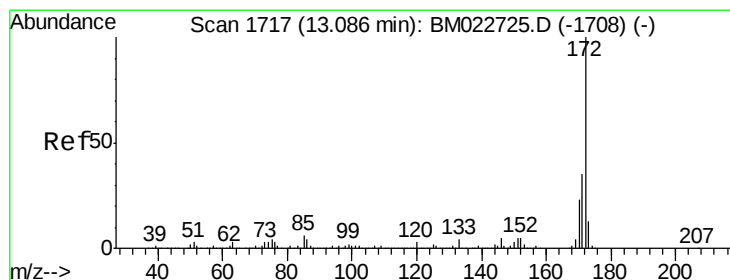
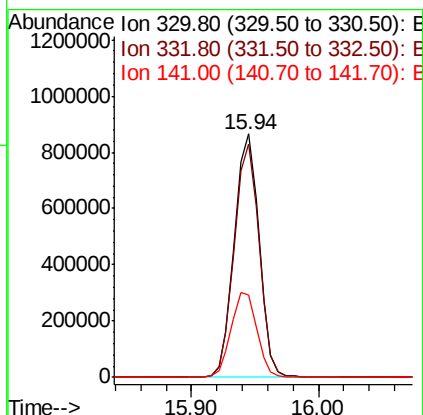
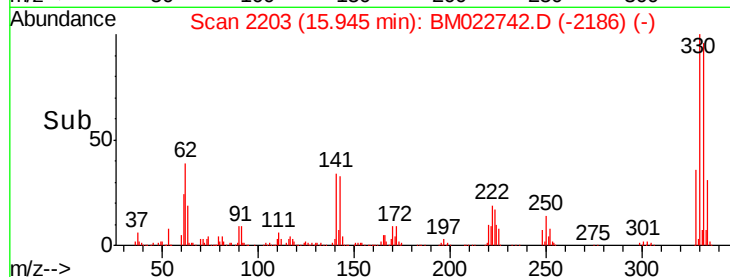
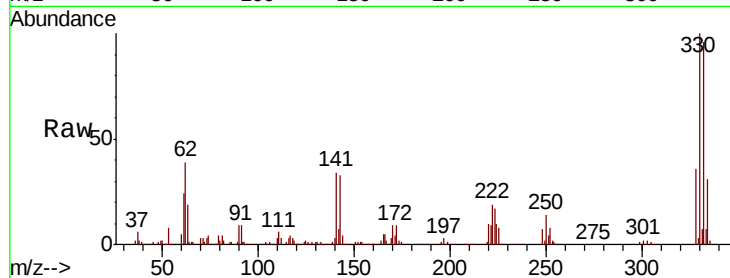




#42
 2,4,6-Tribromophenol
 Concen: 123.118 ng
 RT: 15.94 min Scan# 2203
 Delta R.T. -0.00 min
 Lab File: BM022742.D
 Acq: 23 Sep 2019 15:56

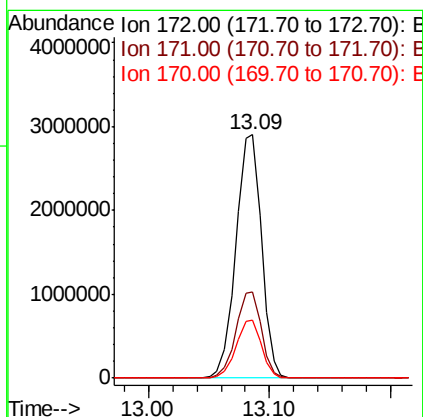
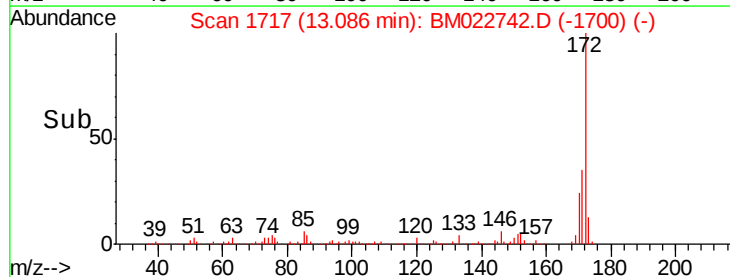
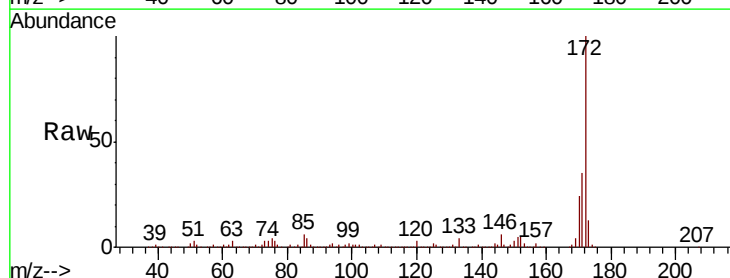
Instrument :
 BNA_M
 ClientSampleId :
 PB123250BL

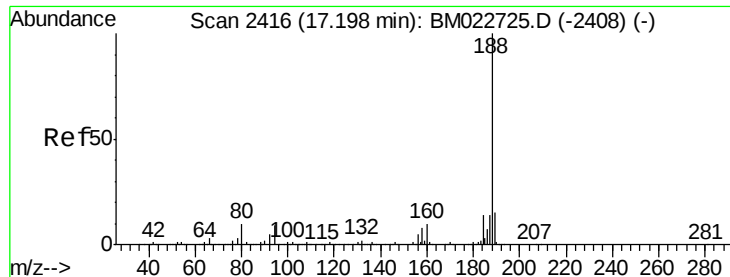
Tot Ion:330 Resp: 1172558
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.9 115.3
 141 36.2 28.6 42.8



#45
 2-Fluorobiphenyl
 Concen: 77.469 ng
 RT: 13.09 min Scan# 1717
 Delta R.T. -0.00 min
 Lab File: BM022742.D
 Acq: 23 Sep 2019 15:56

Tgt Ion:172 Resp: 4292017
 Ion Ratio Lower Upper
 172 100
 171 35.4 27.8 41.8
 170 23.7 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.20 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BM022742.D

Acq: 23 Sep 2019 15:56

Instrument :

BNA_M

ClientSampleId :

PB123250BL

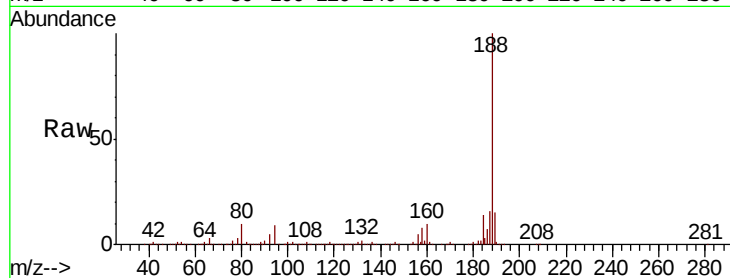
Tot Ion:188 Resp: 1635538

Ion Ratio Lower Upper

188 100

94 9.3 7.3 10.9

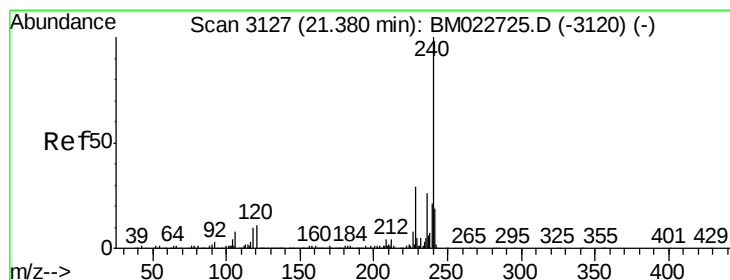
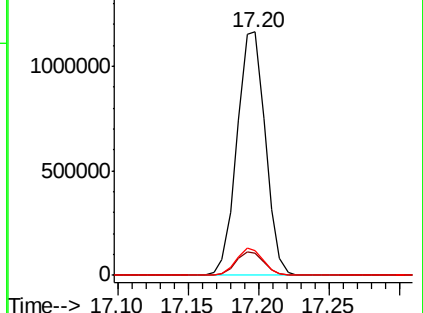
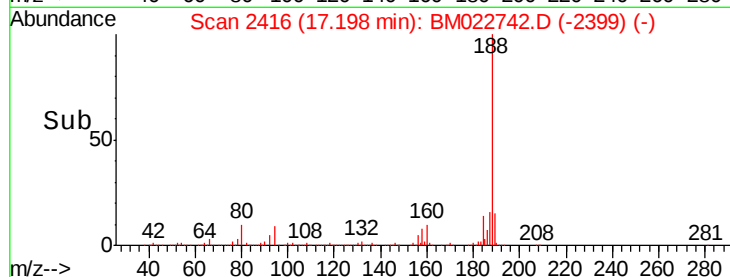
80 10.0 7.8 11.8



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.37 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BM022742.D

Acq: 23 Sep 2019 15:56

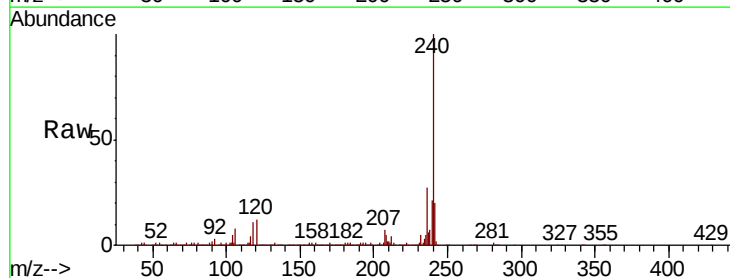
Tgt Ion:240 Resp: 1557919

Ion Ratio Lower Upper

240 100

120 11.7 8.8 13.2

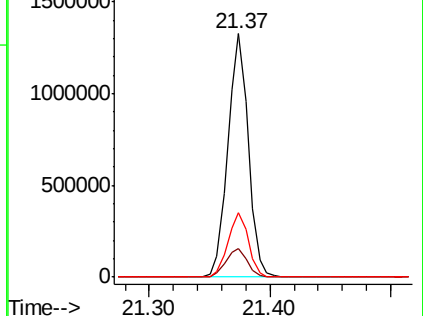
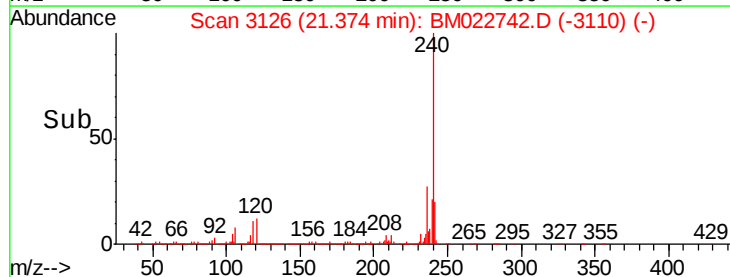
236 26.6 20.8 31.2

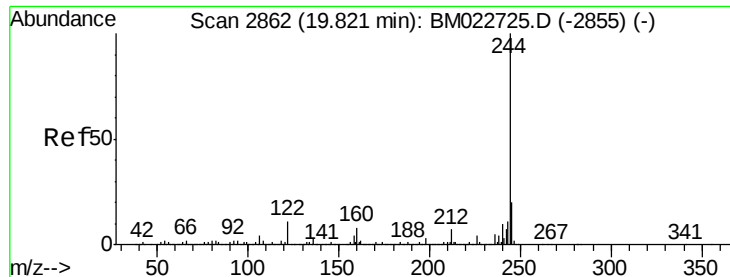


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.417 ng

RT: 19.82 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BM022742.D

Acq: 23 Sep 2019 15:56

Instrument :

BNA_M

ClientSampleId :

PB123250BL

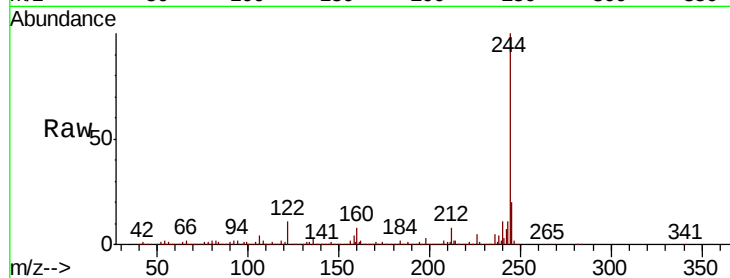
Tot Ion:244 Resp: 6952707

Ion Ratio Lower Upper

244 100

212 8.2 5.9 8.9

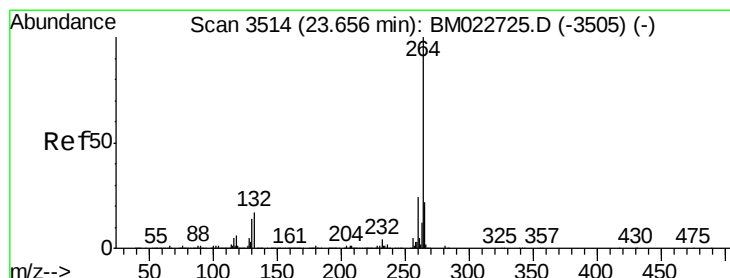
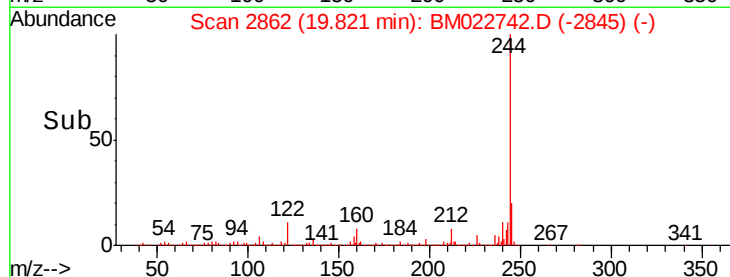
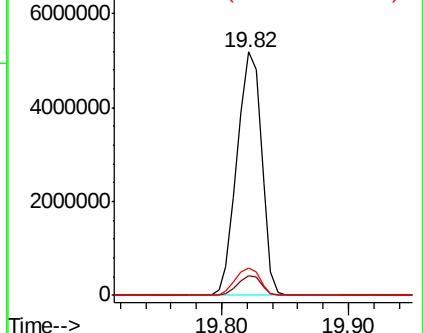
122 11.4 9.0 13.4



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: 23.65 min Scan# 3513

Delta R.T. -0.01 min

Lab File: BM022742.D

Acq: 23 Sep 2019 15:56

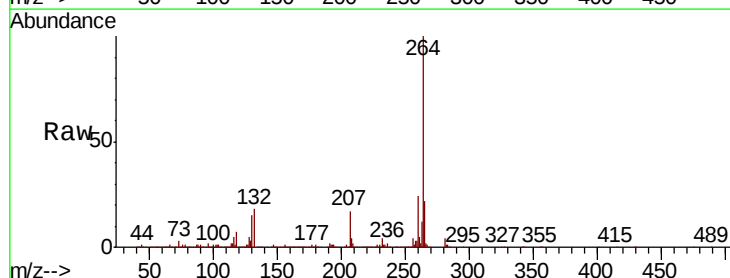
Tgt Ion:264 Resp: 1536346

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 22.3 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

