

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052319\
 Data File : BM020525.D
 Acq On : 23 May 2019 20:45
 Operator : JU/SJ
 Sample : K2642-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-052119

Quant Time: May 24 02:10:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 13:59:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	54500	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	175981	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	103146	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	259771	20.00	ng	0.00
76) Chrysene-d12	21.28	240	302194	20.00	ng	0.00
87) Perylene-d12	23.52	264	358248	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	310615	93.16	ng	0.00
7) Phenol-d6	6.85	99	352288	77.34	ng	0.00
23) Nitrobenzene-d5	8.84	82	294644	66.10	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	201003	125.55	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	570427	68.04	ng	0.00
79) Terphenyl-d14	19.72	244	1178948	68.05	ng	0.00

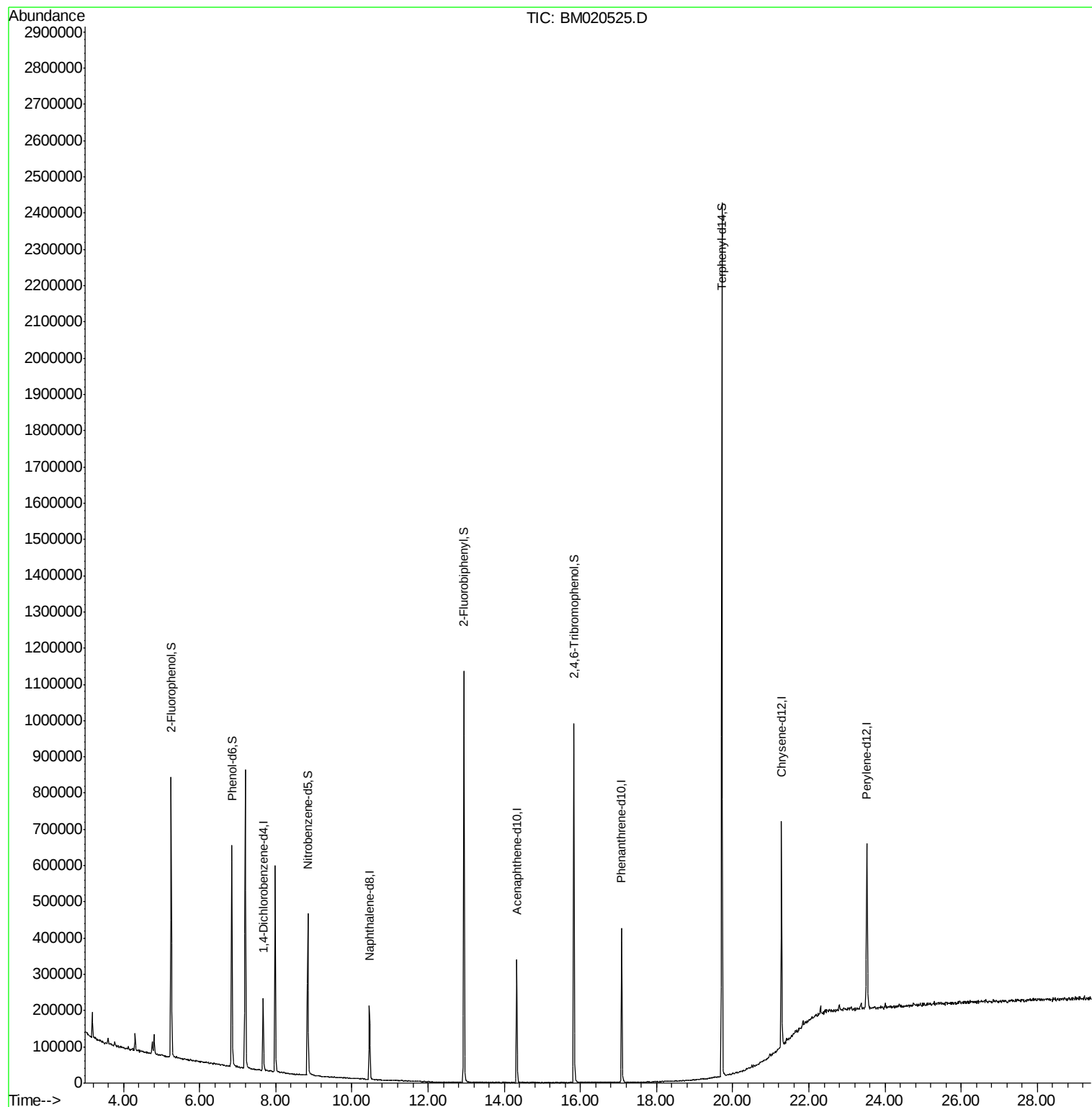
Target Compounds Qvalue

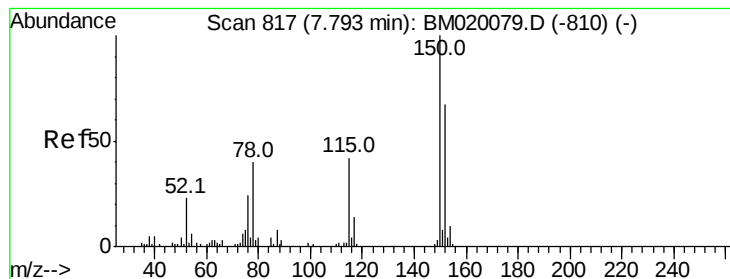
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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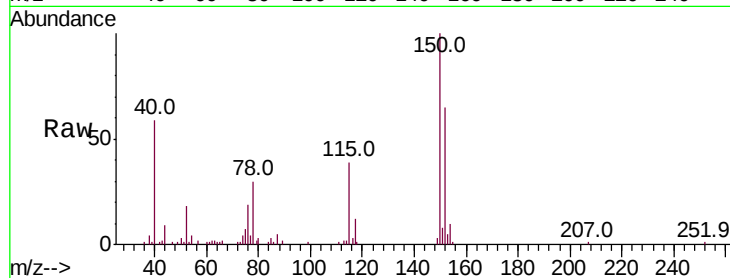


#1

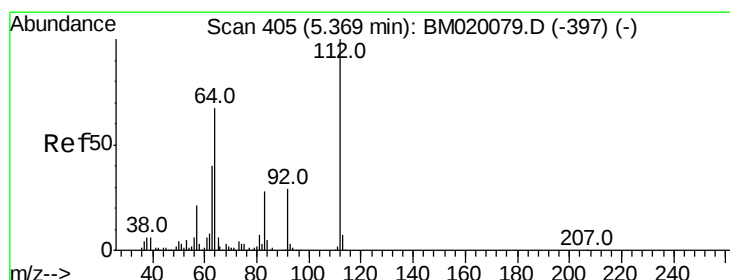
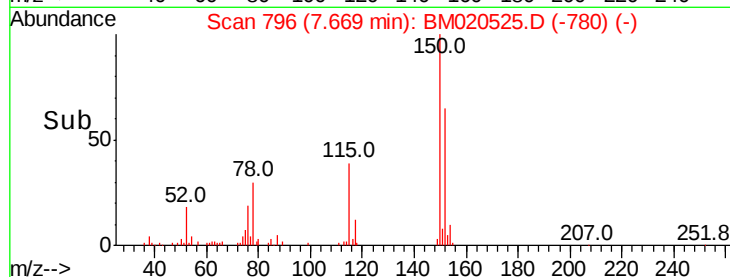
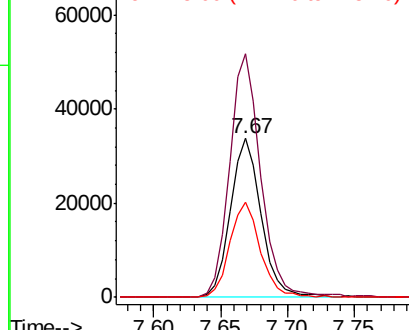
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM020525.D
Acq: 23 May 2019 20:45

Instrument :
BNA_M
ClientSampleId :
OK-01-052119

Tot Ion:152 Resp: 54500
Ion Ratio Lower Upper
152 100
150 153.6 119.8 179.8
115 59.8 50.8 76.2



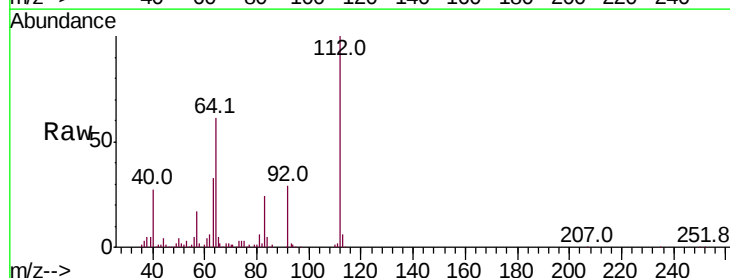
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



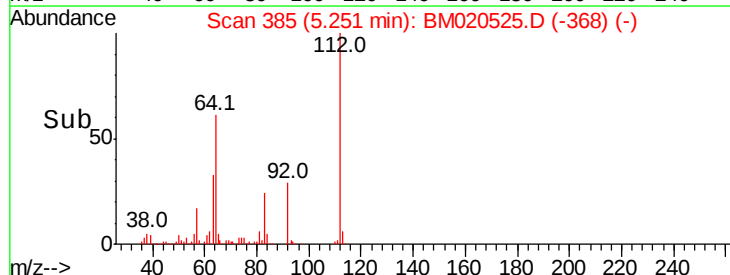
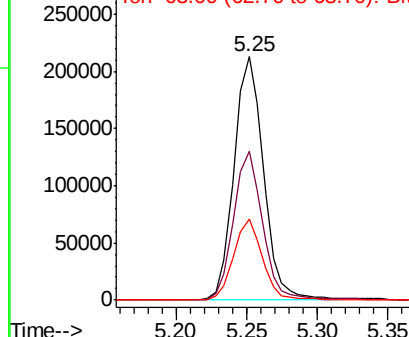
#5

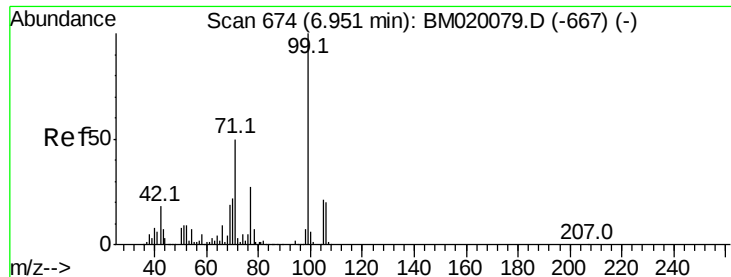
2-Fluorophenol
Concen: 93.161 ng
RT: 5.25 min Scan# 385
Delta R.T. 0.00 min
Lab File: BM020525.D
Acq: 23 May 2019 20:45

Tgt Ion:112 Resp: 310615
Ion Ratio Lower Upper
112 100
64 61.0 53.8 80.6
63 33.0 32.3 48.5



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: 77.342 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BM020525.D

Acq: 23 May 2019 20:45

Instrument :

BNA_M

ClientSampleId :

OK-01-052119

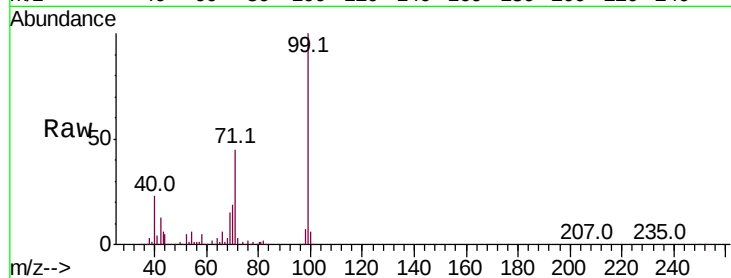
Tot Ion: 99 Resp: 352288

Ion Ratio Lower Upper

99 100

42 13.3 14.2 21.2#

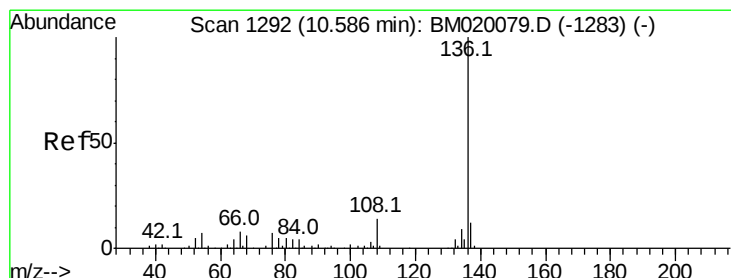
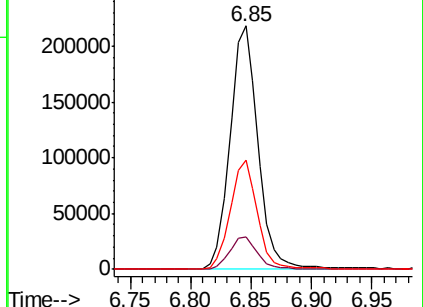
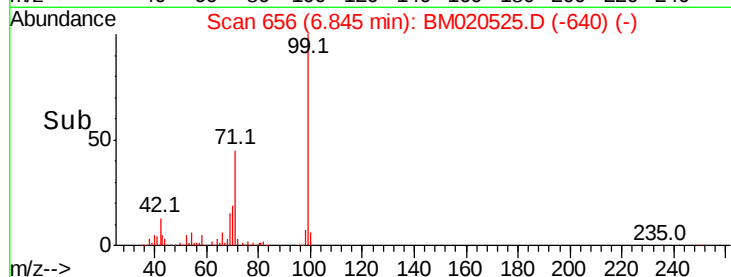
71 44.6 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020525.D (-640) (-)

Ion 42.00 (41.70 to 42.70): BM020525.D (-640) (-)

Ion 71.00 (70.70 to 71.70): BM020525.D (-640) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BM020525.D

Acq: 23 May 2019 20:45

Tgt Ion: 136 Resp: 175981

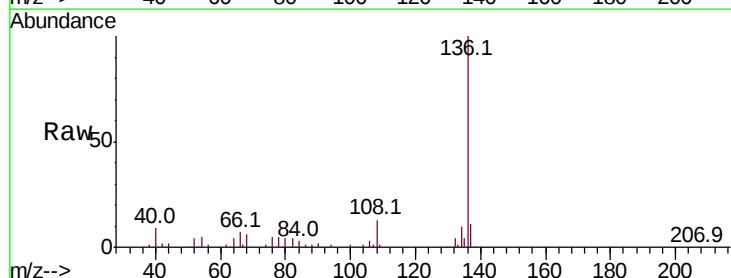
Ion Ratio Lower Upper

136 100

137 11.0 9.6 14.4

54 5.2 5.5 8.3#

68 6.2 4.6 6.8

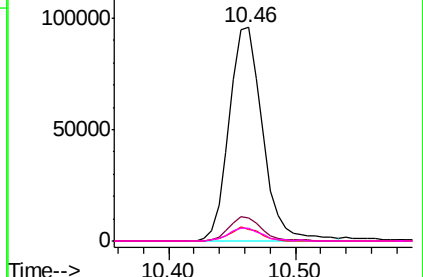
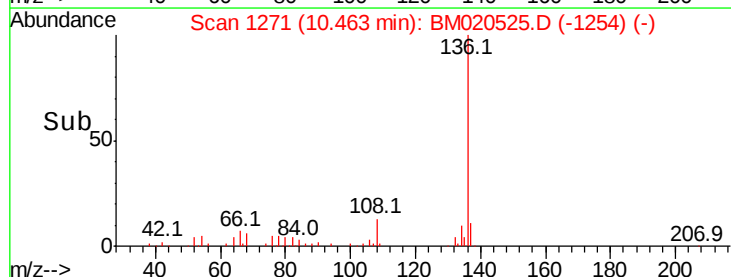


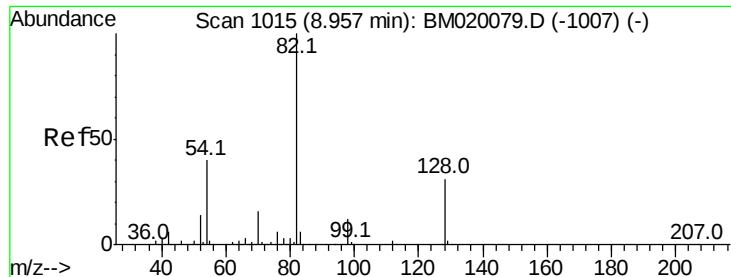
Abundance Ion 136.00 (135.70 to 136.70): BM020525.D (-1254) (-)

Ion 137.00 (136.70 to 137.70): BM020525.D (-1254) (-)

Ion 54.00 (53.70 to 54.70): BM020525.D (-1254) (-)

Ion 68.00 (67.70 to 68.70): BM020525.D (-1254) (-)

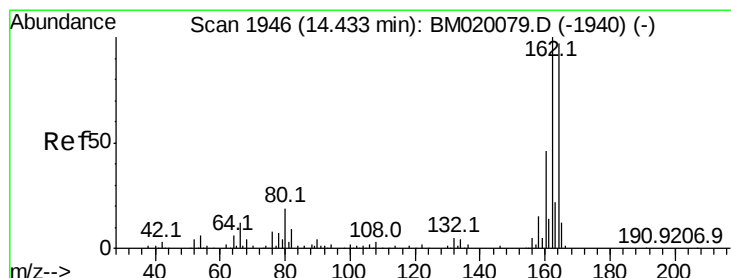
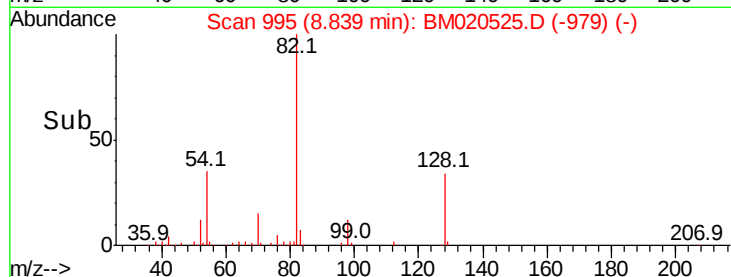
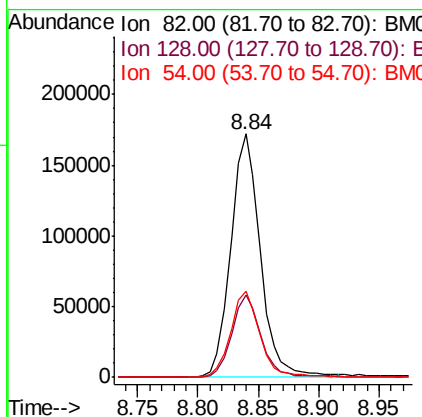
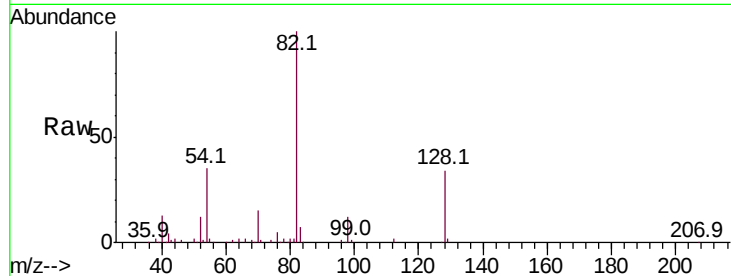




#23
Nitrobenzene-d5
Concen: 66.101 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BM020525.D
Acq: 23 May 2019 20:45

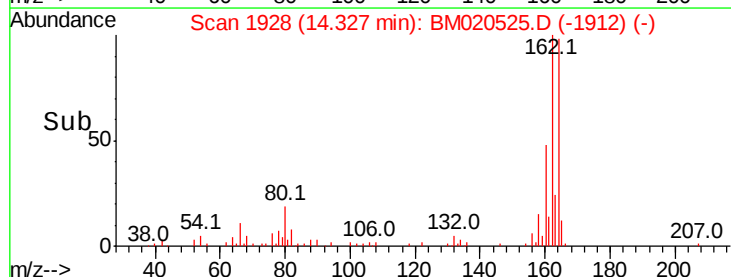
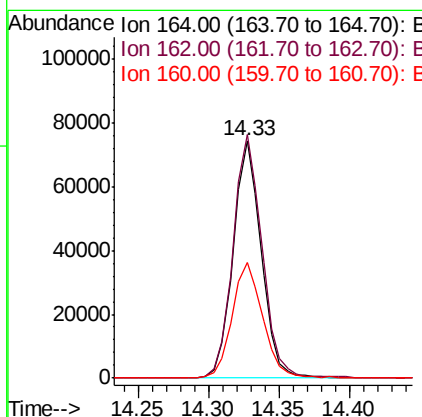
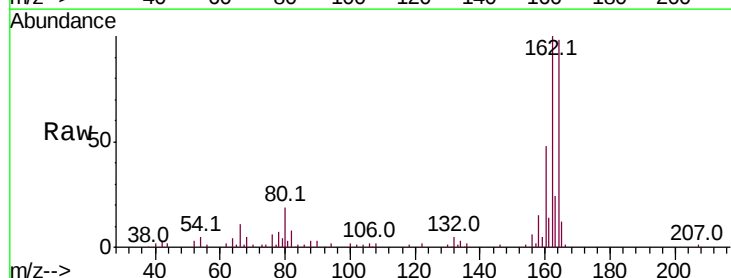
Instrument :
BNA_M
ClientSampleId :
OK-01-052119

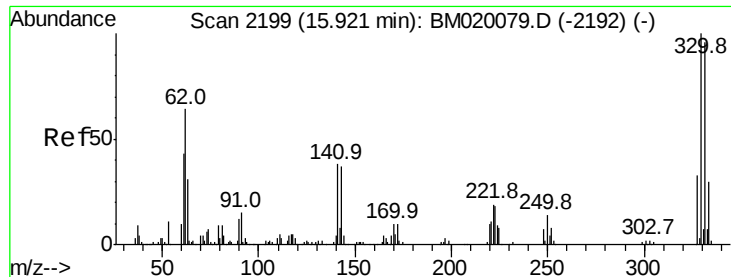
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.7	25.2	37.8
54	35.5	31.9	47.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BM020525.D
Acq: 23 May 2019 20:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	82.2	123.2
160	48.7	37.6	56.4

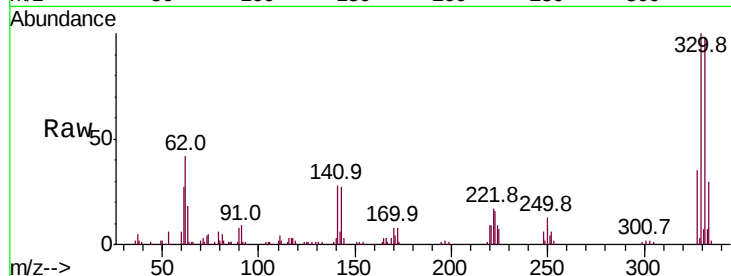




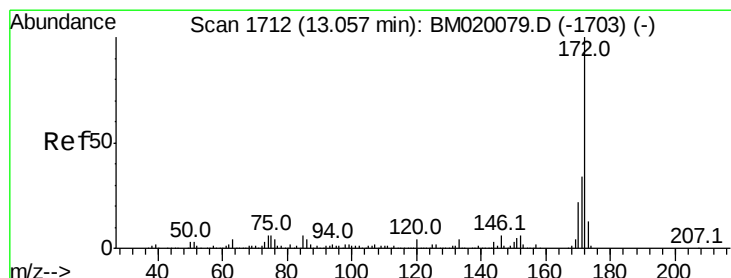
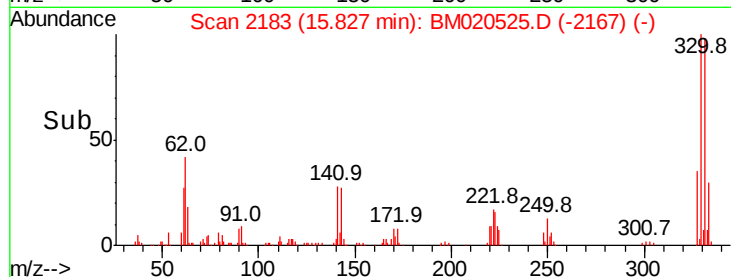
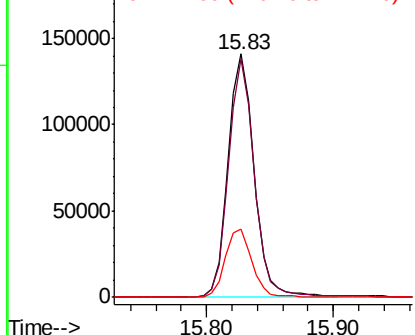
#42
 2,4,6-Tribromophenol
 Concen: 125.547 ng
 RT: 15.83 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: BM020525.D
 Acq: 23 May 2019 20:45

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-052119

Tot Ion:330 Resp: 201003
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.8 115.2
 141 28.9 29.2 43.8#

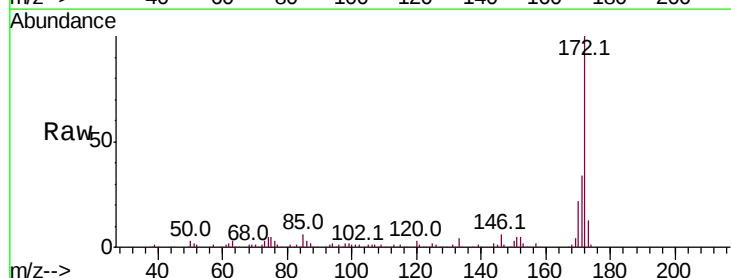


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

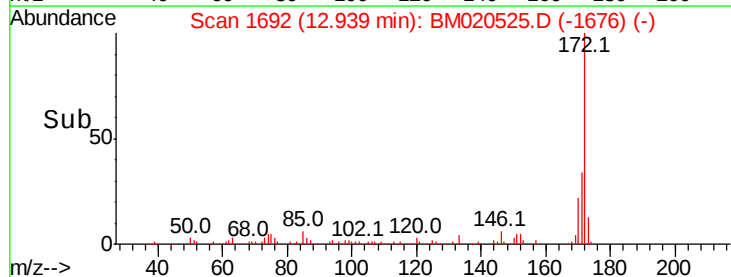
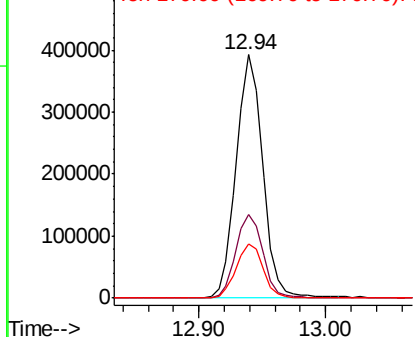


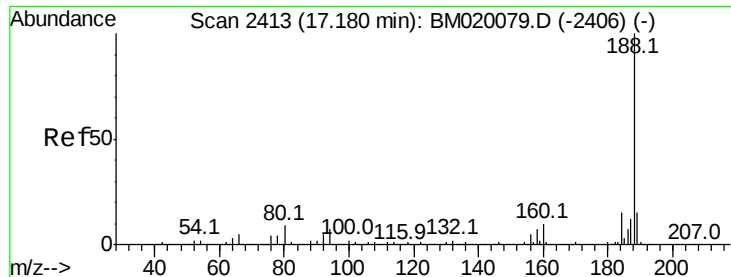
#45
 2-Fluorobiphenyl
 Concen: 68.043 ng
 RT: 12.94 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BM020525.D
 Acq: 23 May 2019 20:45

Tgt Ion:172 Resp: 570427
 Ion Ratio Lower Upper
 172 100
 171 34.2 27.3 40.9
 170 22.5 17.9 26.9



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: 17.08 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BM020525.D

Acq: 23 May 2019 20:45

Instrument :

BNA_M

ClientSampleId :

OK-01-052119

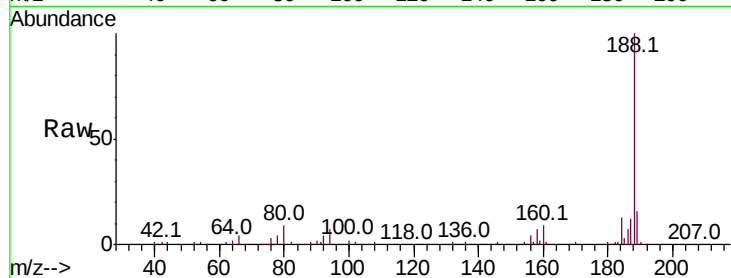
Tot Ion:188 Resp: 259771

Ion Ratio Lower Upper

188 100

94 6.5 5.8 8.6

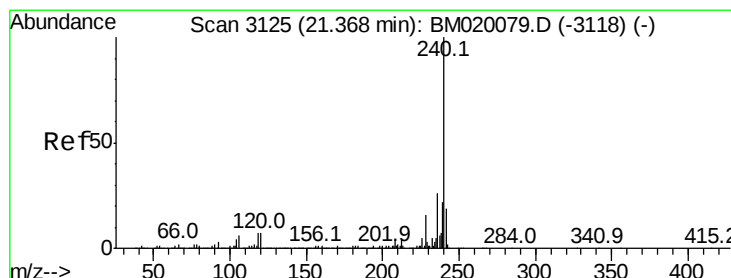
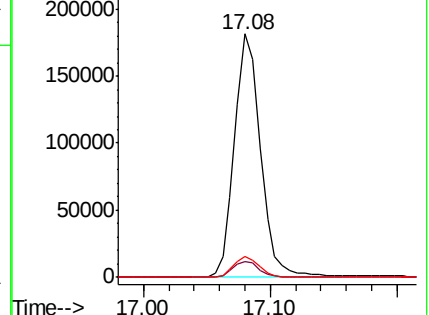
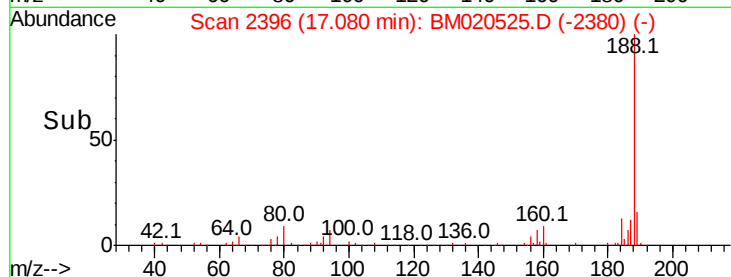
80 8.5 7.4 11.2



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: 21.28 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BM020525.D

Acq: 23 May 2019 20:45

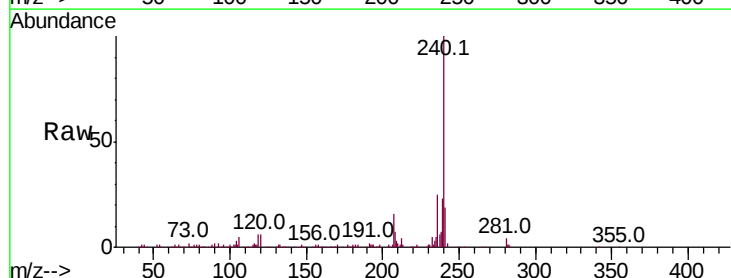
Tgt Ion:240 Resp: 302194

Ion Ratio Lower Upper

240 100

120 5.5 5.6 8.4#

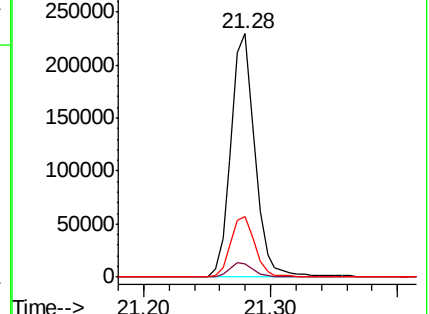
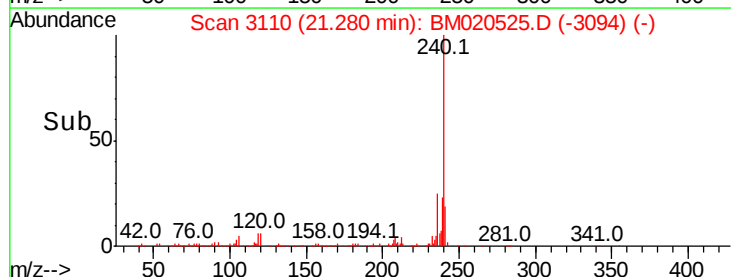
236 25.1 20.9 31.3

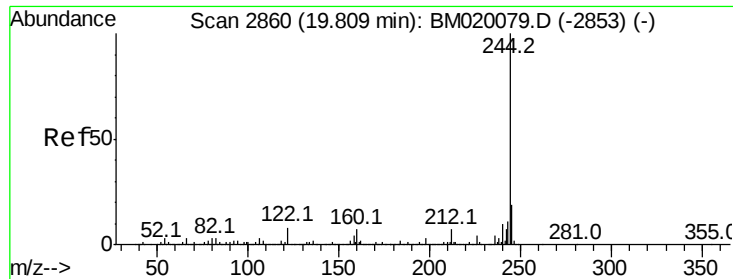


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



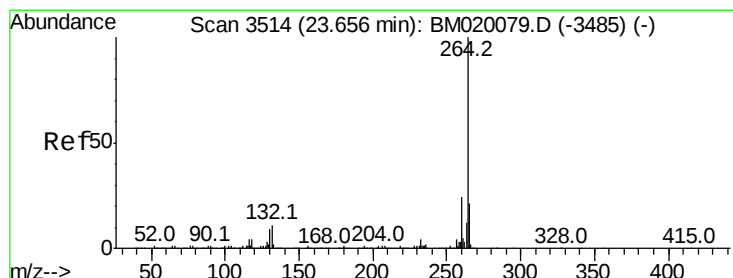
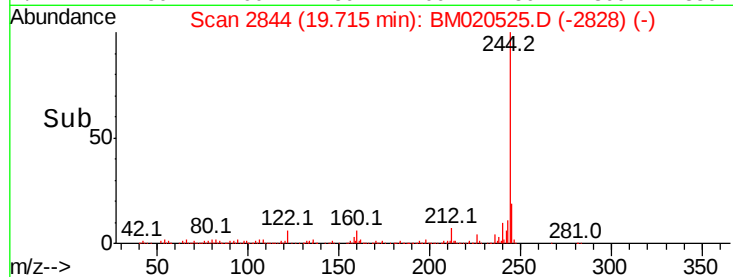
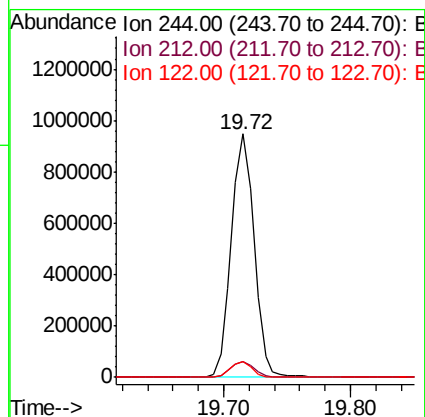
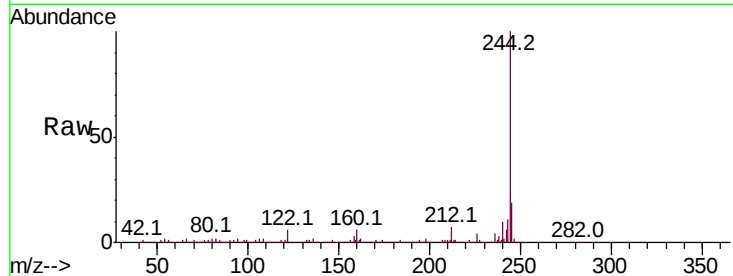


#79
 Terphenyl-d14
 Concen: 68.047 ng
 RT: 19.72 min Scan# 2844
 Delta R.T. -0.01 min
 Lab File: BM020525.D
 Acq: 23 May 2019 20:45

Instrument :
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Tot Ion:244 Resp: 1178948

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	6.2	6.2	9.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.52 min Scan# 3491
 Delta R.T. -0.01 min
 Lab File: BM020525.D
 Acq: 23 May 2019 20:45

Tgt Ion:264 Resp: 358248

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	23.0	16.9	25.3

