

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM042319\
 Data File : BM020037.D
 Acq On : 23 Apr 2019 15:27
 Operator : JU/SJ
 Sample : PB119131BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 24 00:56:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

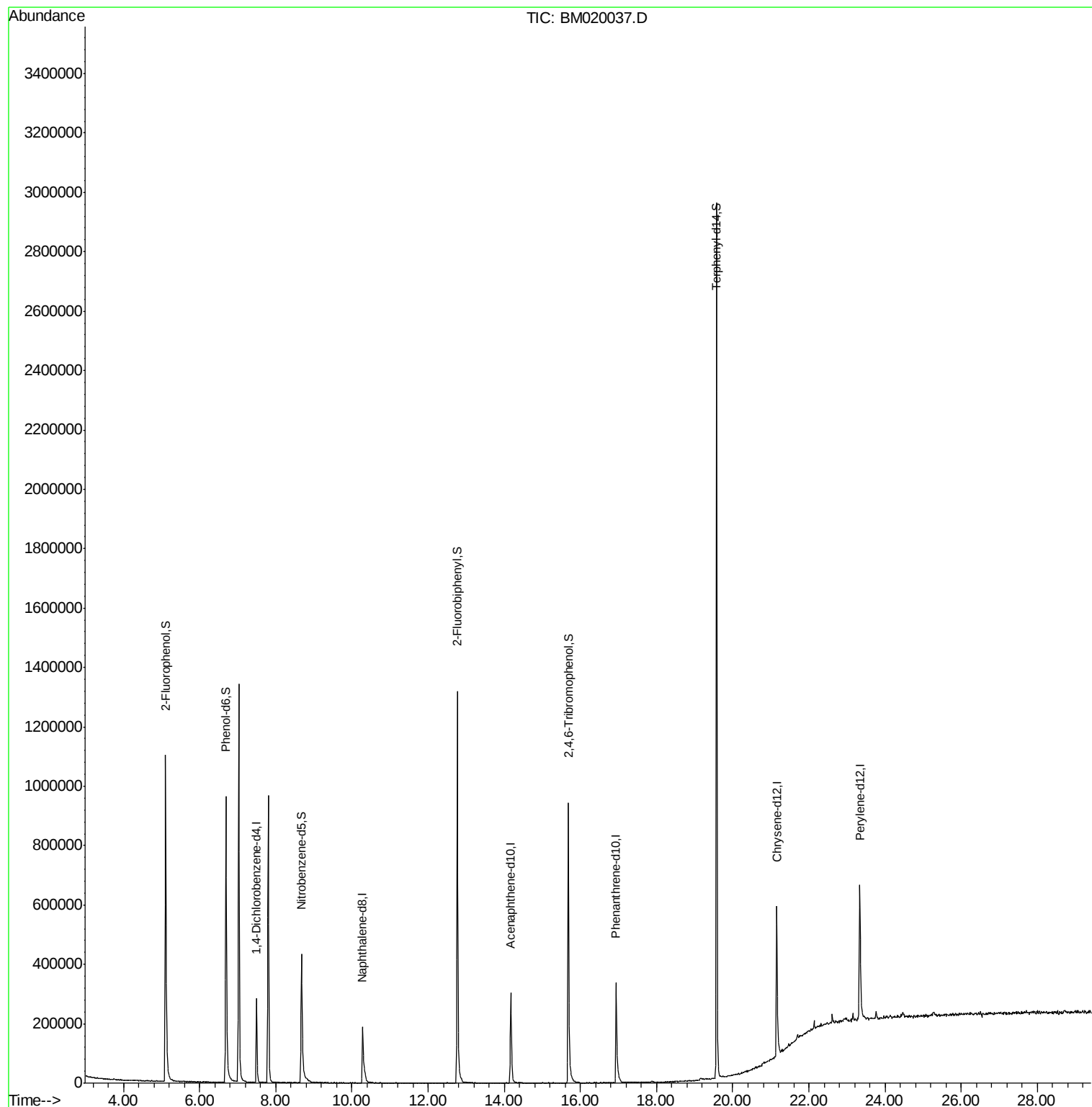
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	74506	20.00	ng	-0.02
21) Naphthalene-d8	10.28	136	227087	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	135494	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	286260	20.00	ng	0.00
76) Chrysene-d12	21.16	240	310190	20.00	ng	0.00
87) Perylene-d12	23.33	264	395808	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	520744	113.27	ng	-0.02
7) Phenol-d6	6.69	99	646671	93.47	ng	-0.02
23) Nitrobenzene-d5	8.67	82	391890	77.18	ng	-0.01
42) 2,4,6-Tribromophenol	15.68	330	223203	102.34	ng	-0.01
45) 2-Fluorobiphenyl	12.77	172	818210	75.26	ng	-0.02
79) Terphenyl-d14	19.57	244	1347755	76.64	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.69	77	1328	Below Cal	Qvalue #	7

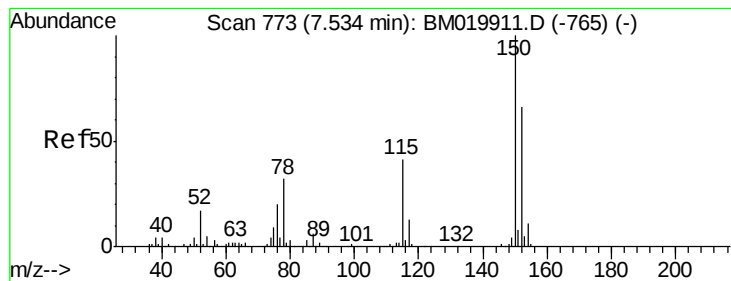
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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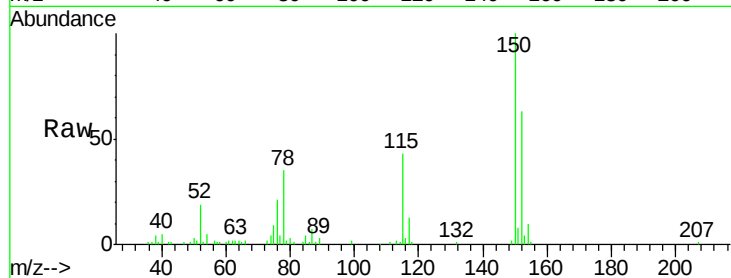


#1

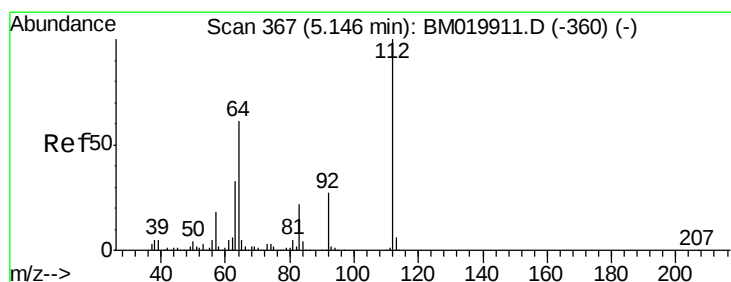
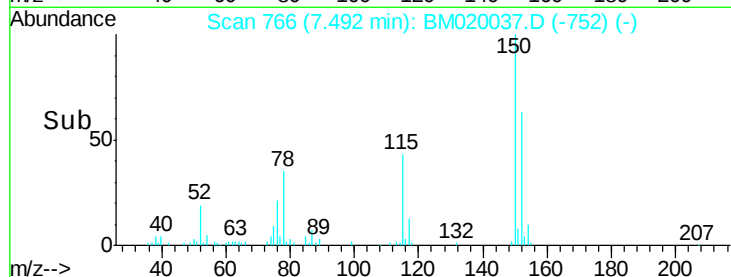
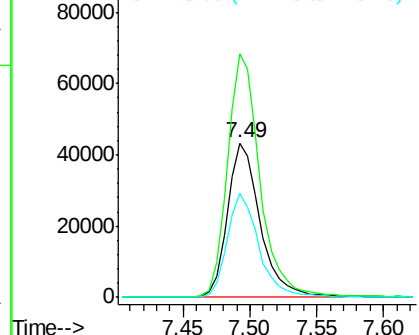
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 766
Delta R.T. -0.02 min
Lab File: BM020037.D
Acq: 23 Apr 2019 15:27

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 74506
Ion Ratio Lower Upper
152 100
150 157.6 122.1 183.1
115 67.4 50.0 75.0



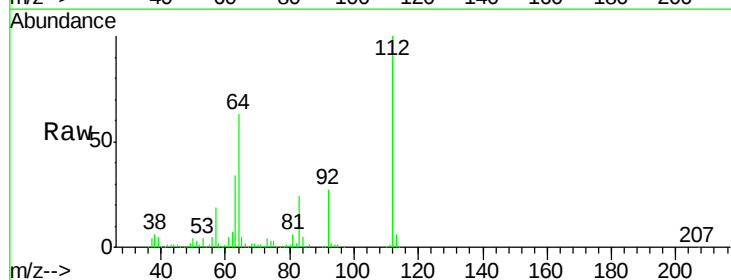
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



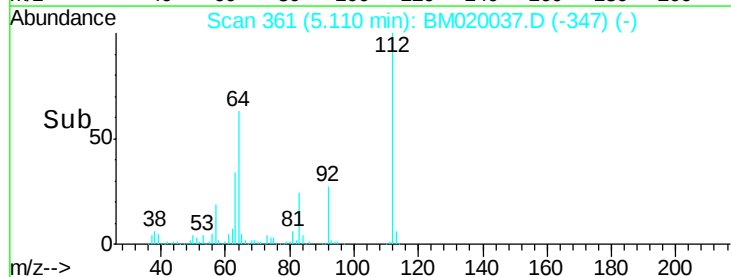
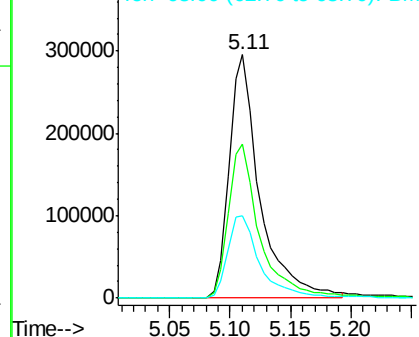
#5

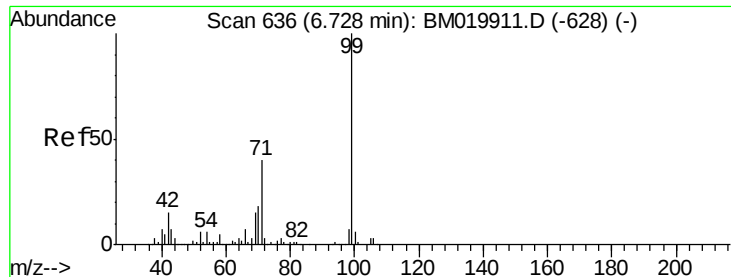
2-Fluorophenol
Concen: 113.272 ng
RT: 5.11 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM020037.D
Acq: 23 Apr 2019 15:27

Tgt Ion:112 Resp: 520744
Ion Ratio Lower Upper
112 100
64 63.4 49.1 73.7
63 34.0 26.5 39.7



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: 93.465 ng

RT: 6.69 min Scan# 629

Delta R.T. -0.02 min

Lab File: BM020037.D

Acq: 23 Apr 2019 15:27

Instrument :

BNA_M

ClientSampleId :

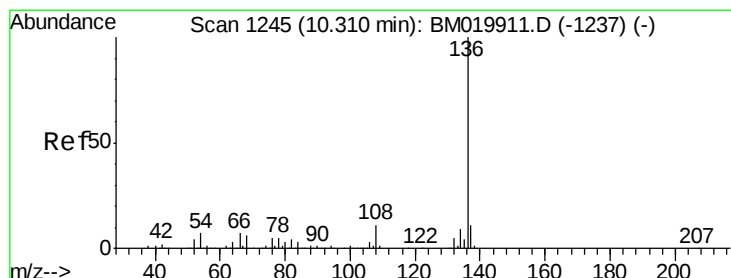
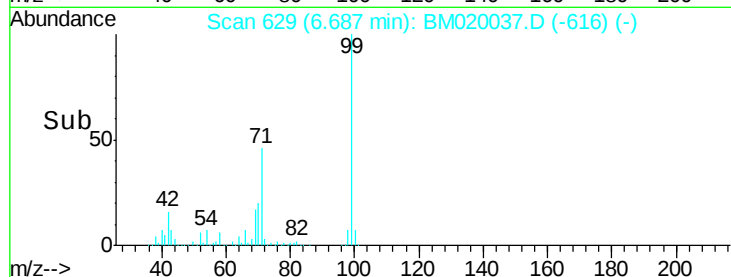
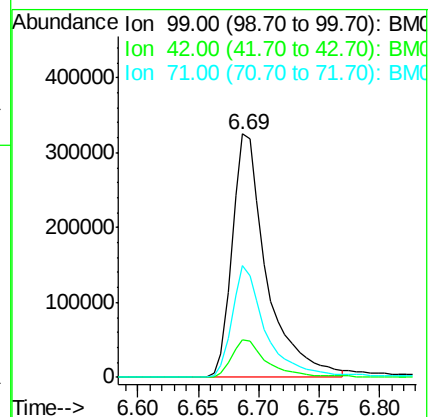
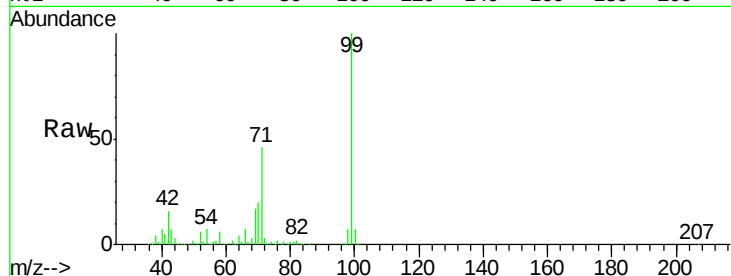
Tot Ion: 99 Resp: 646671

Ion Ratio Lower Upper

99 100

42 15.6 11.8 17.8

71 45.8 32.0 48.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.28 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BM020037.D

Acq: 23 Apr 2019 15:27

Tgt Ion: 136 Resp: 227087

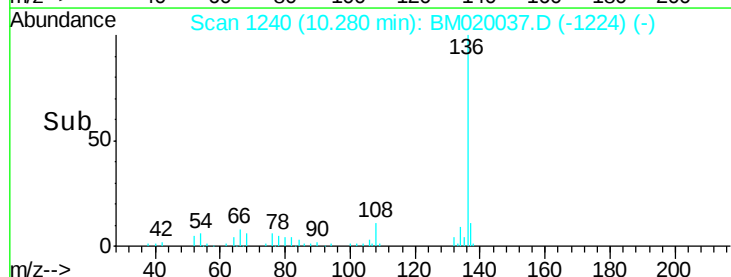
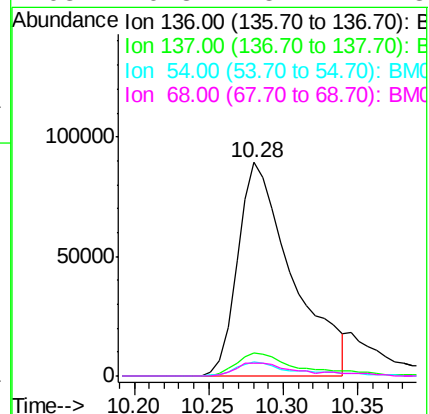
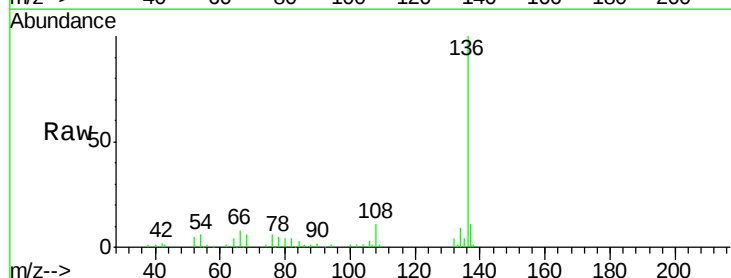
Ion Ratio Lower Upper

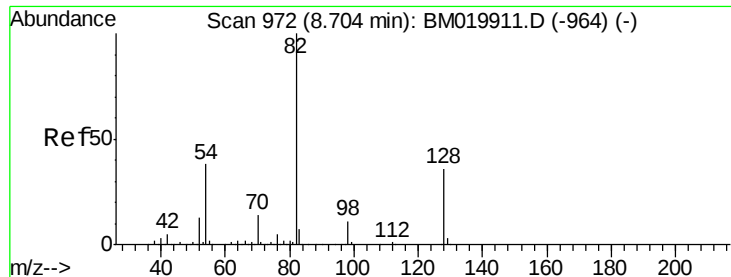
136 100

137 10.6 9.0 13.6

54 6.4 5.3 7.9

68 6.3 5.2 7.8

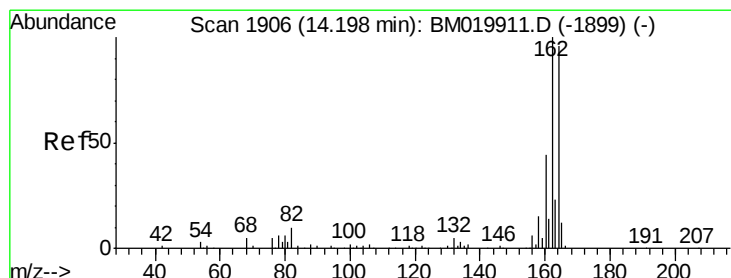
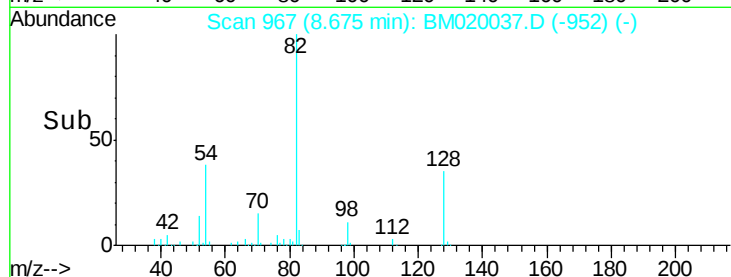
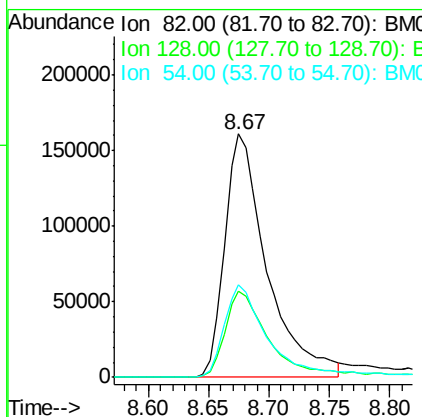
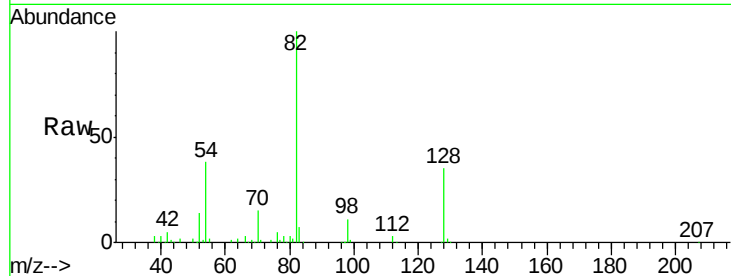




#23
 Nitrobenzene-d5
 Concen: 77.176 ng
 RT: 8.67 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BM020037.D
 Acq: 23 Apr 2019 15:27

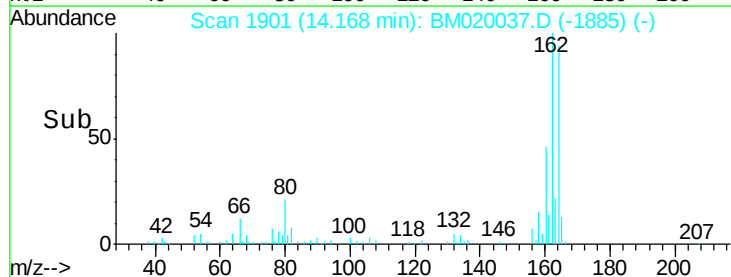
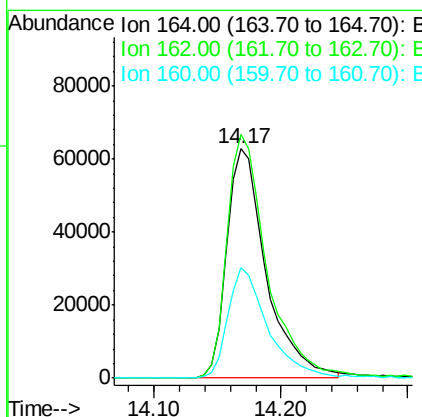
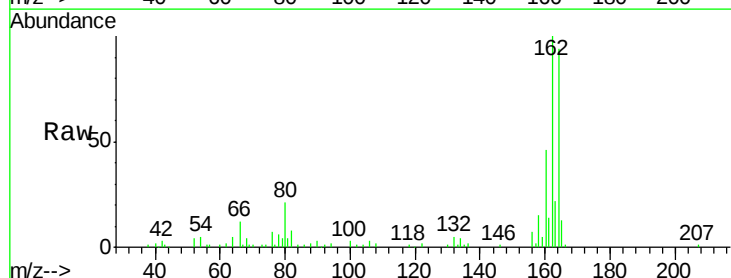
Instrument :
 BNA_M
 ClientSampleId :

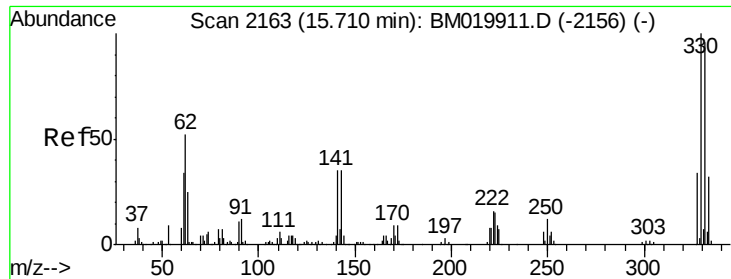
Tot Ion	82	Resp	391890
Ion Ratio	Lower	Upper	
82	100		
128	35.1	29.0	43.4
54	37.9	30.2	45.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.17 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BM020037.D
 Acq: 23 Apr 2019 15:27

Tgt Ion	164	Resp	135494
Ion Ratio	Lower	Upper	
164	100		
162	106.2	83.0	124.4
160	48.4	36.6	55.0

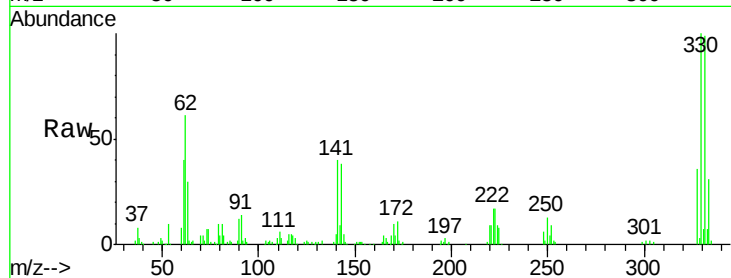




#42
 2,4,6-Tribromophenol
 Concen: 102.336 ng
 RT: 15.68 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BM020037.D
 Acq: 23 Apr 2019 15:27

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.4	116.2
141	40.7	29.0	43.4

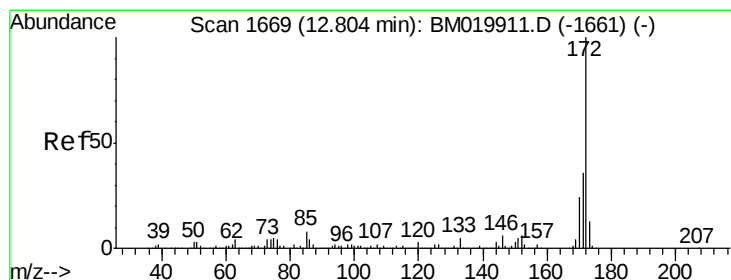
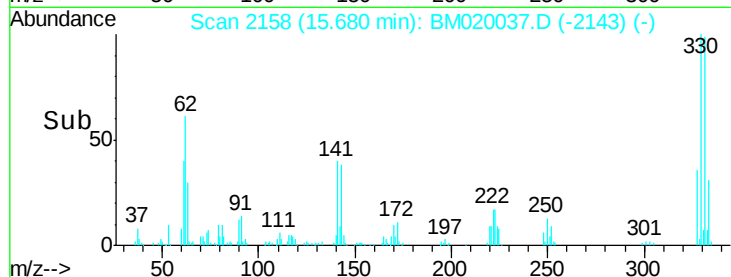
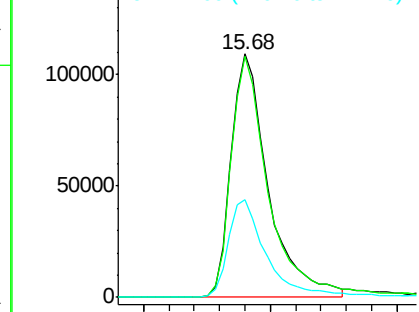


Abundance

Ion 329.80 (329.50 to 330.50): E

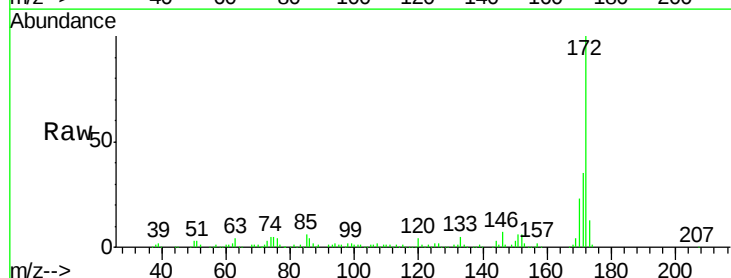
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 75.256 ng
 RT: 12.77 min Scan# 1663
 Delta R.T. -0.02 min
 Lab File: BM020037.D
 Acq: 23 Apr 2019 15:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.9	43.3
170	23.2	19.0	28.4

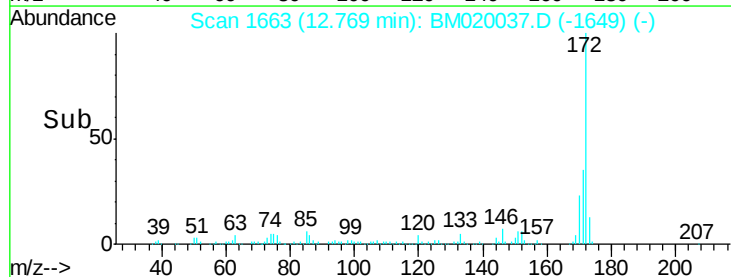
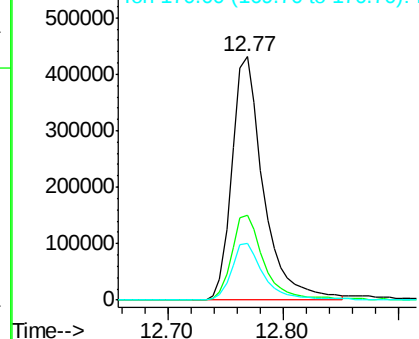


Abundance

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: 16.94 min Scan# 2372

Delta R.T. -0.01 min

Lab File: BM020037.D

Acq: 23 Apr 2019 15:27

Instrument :

BNA_M

ClientSampleId :

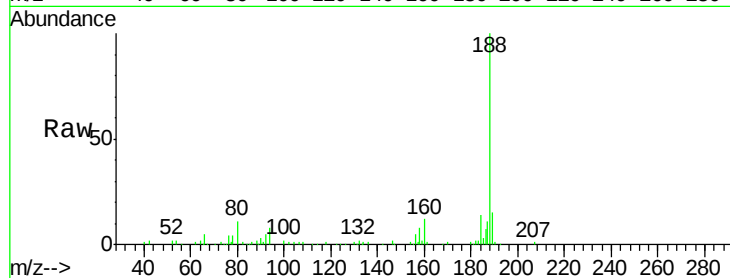
Tot Ion:188 Resp: 286260

Ion Ratio Lower Upper

188 100

94 8.1 7.6 11.4

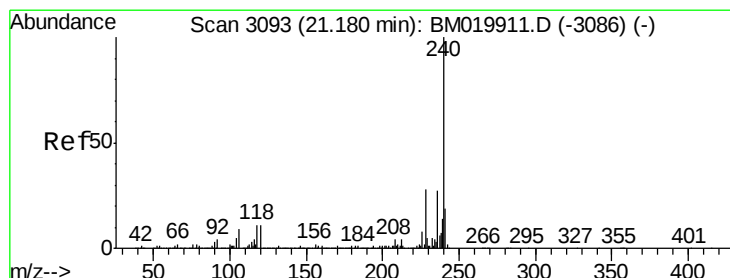
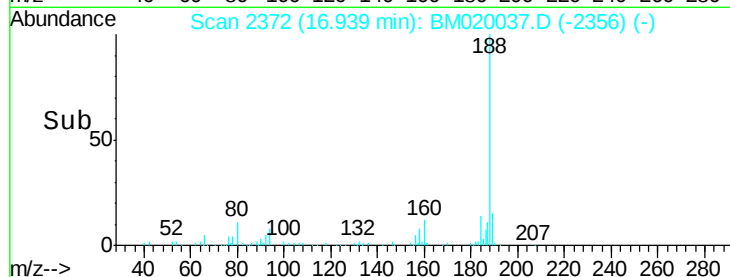
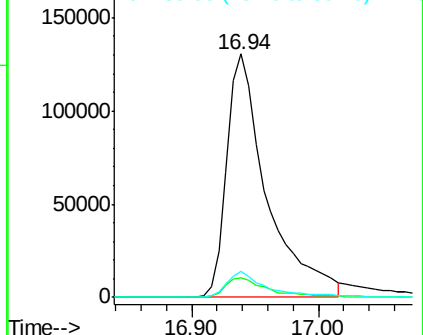
80 10.7 9.4 14.0



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: 21.16 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM020037.D

Acq: 23 Apr 2019 15:27

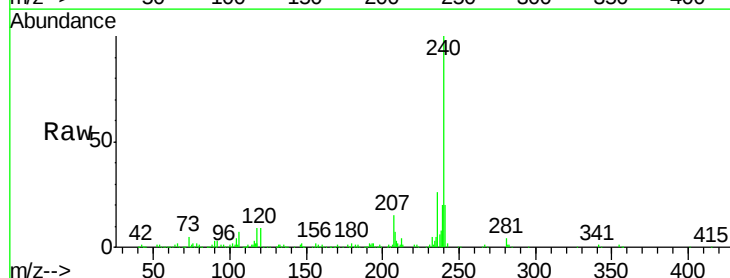
Tgt Ion:240 Resp: 310190

Ion Ratio Lower Upper

240 100

120 8.6 8.6 13.0#

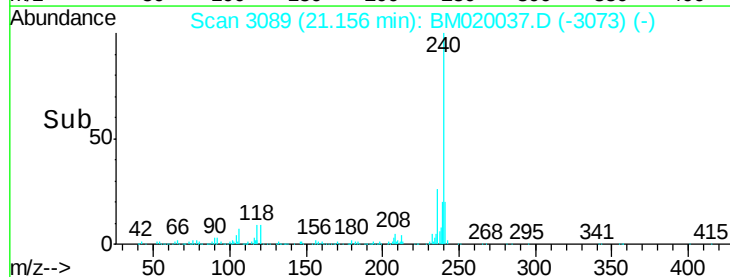
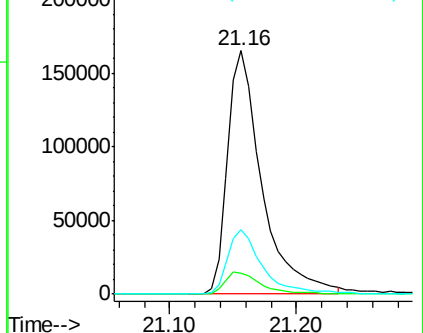
236 26.4 21.4 32.2

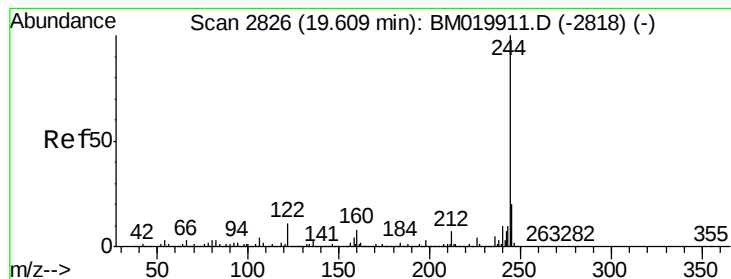


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.637 ng

RT: 19.57 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BM020037.D

Acq: 23 Apr 2019 15:27

Instrument :

BNA_M

ClientSampled :

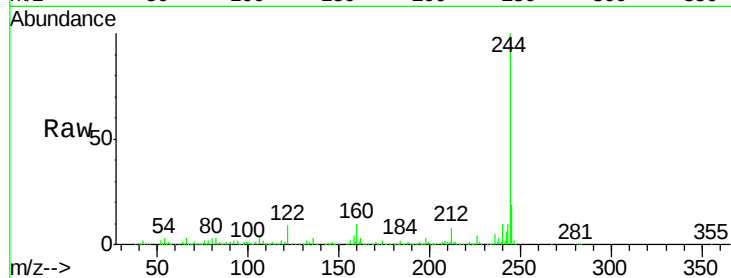
Tot Ion:244 Resp: 1347755

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

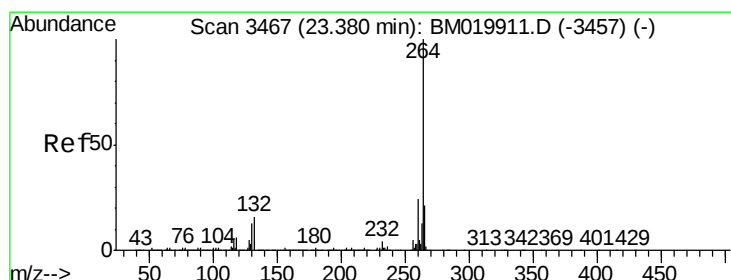
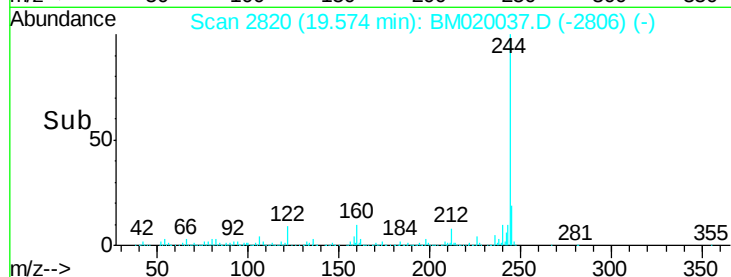
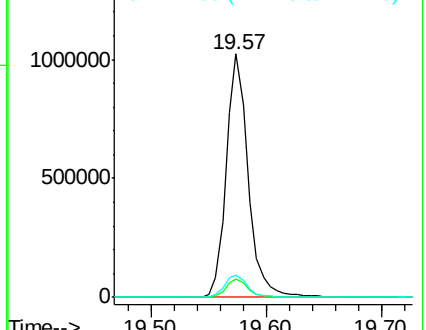
122 9.2 9.1 13.7



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: 23.33 min Scan# 3459

Delta R.T. -0.02 min

Lab File: BM020037.D

Acq: 23 Apr 2019 15:27

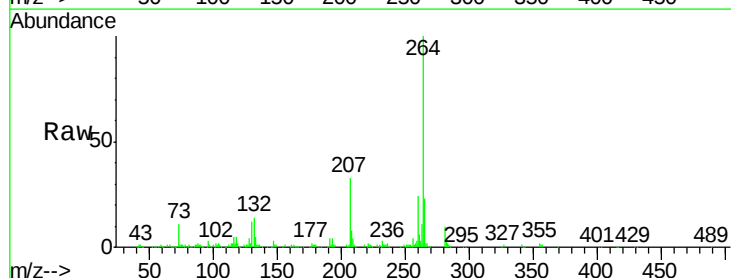
Tgt Ion:264 Resp: 395808

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 23.5 17.2 25.8



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

