

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041919\
 Data File : BM019984.D
 Acq On : 19 Apr 2019 22:46
 Operator : JU/SJ
 Sample : PB119069BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119069BL

Quant Time: Apr 19 23:36:26 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

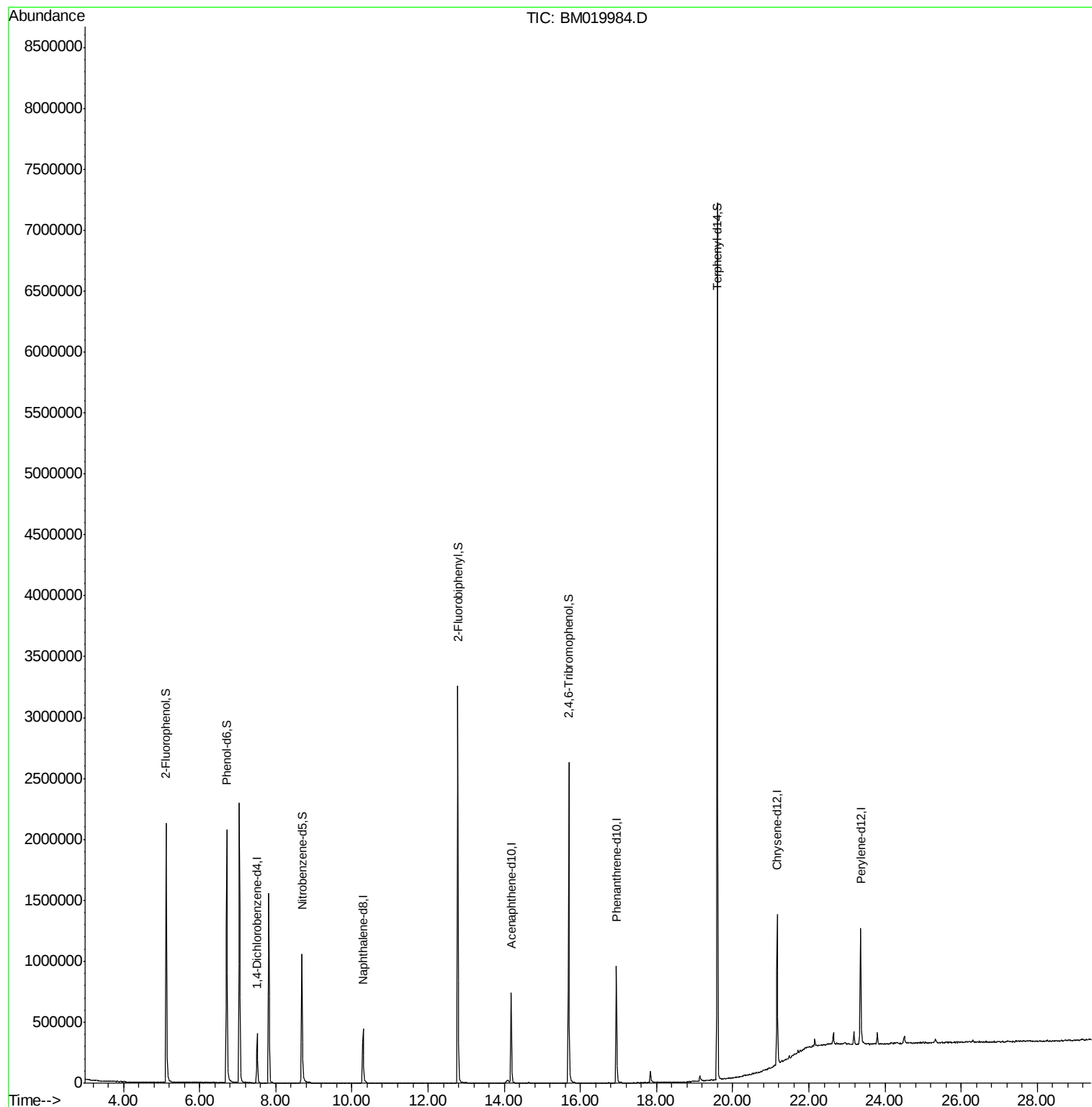
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	103231	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	405931	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	249496	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	575341	20.00	ng	0.00
76) Chrysene-d12	21.17	240	588807	20.00	ng	0.00
87) Perylene-d12	23.36	264	673093	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	894956	140.50	ng	0.00
7) Phenol-d6	6.71	99	1213460	126.58	ng	0.00
23) Nitrobenzene-d5	8.69	82	739036	81.42	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	511839	127.44	ng	0.00
45) 2-Fluorobiphenyl	12.78	172	1606736	80.26	ng	0.00
79) Terphenyl-d14	19.59	244	2904503	87.01	ng	0.00
Target Compounds						
9) Benzaldehyde	6.71	77	2514	Below Cal	Qvalue #	7

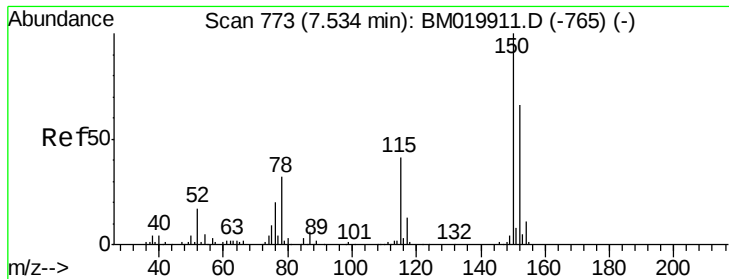
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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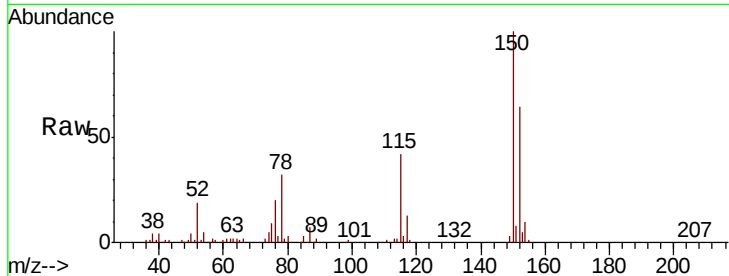


#1

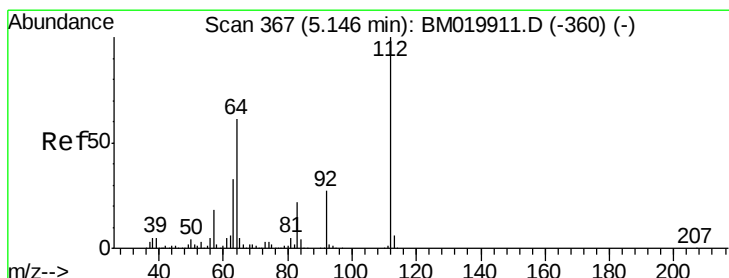
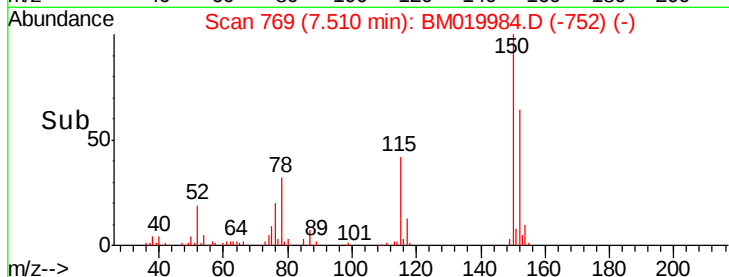
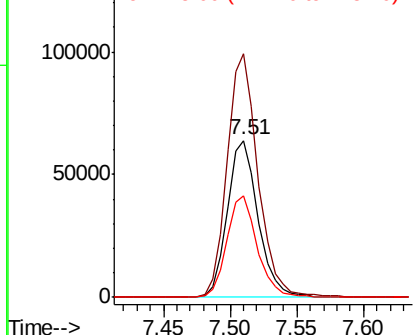
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 769
Delta R.T. -0.00 min
Lab File: BM019984.D
Acq: 19 Apr 2019 22:46

Instrument :
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ClientSampleId :
PB119069BL

Tgt Ion:152 Resp: 103231
Ion Ratio Lower Upper
152 100
150 155.4 122.1 183.1
115 65.0 50.0 75.0



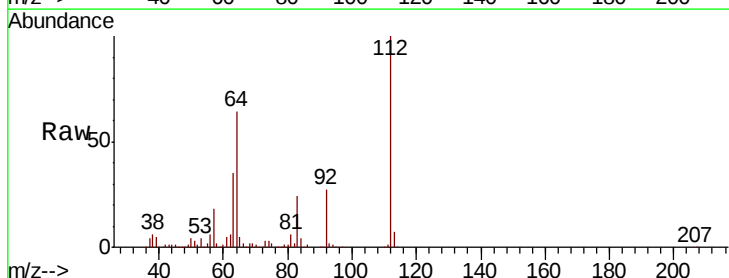
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



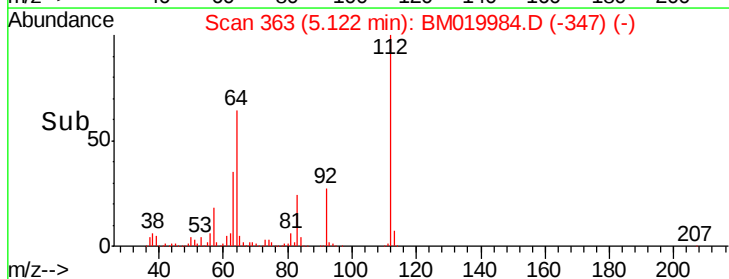
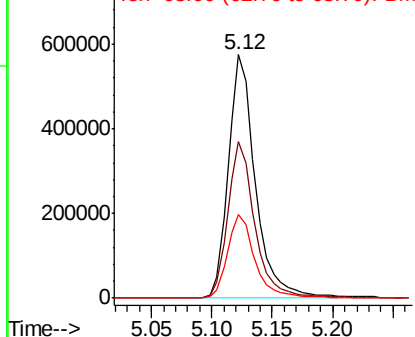
#5

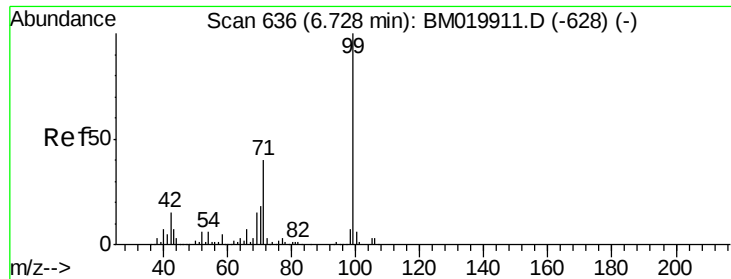
2-Fluorophenol
Concen: 140.501 ng
RT: 5.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: BM019984.D
Acq: 19 Apr 2019 22:46

Tgt Ion:112 Resp: 894956
Ion Ratio Lower Upper
112 100
64 64.4 49.1 73.7
63 34.5 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: 126.582 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.00 min

Lab File: BM019984.D

Acq: 19 Apr 2019 22:46

Instrument :

BNA_M

ClientSampleId :

PB119069BL

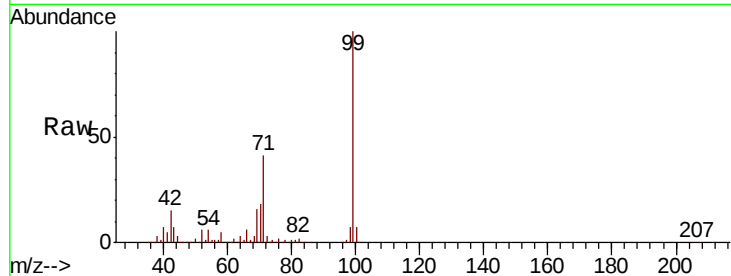
Tgt Ion: 99 Resp: 1213460

Ion Ratio Lower Upper

99 100

42 15.0 11.8 17.8

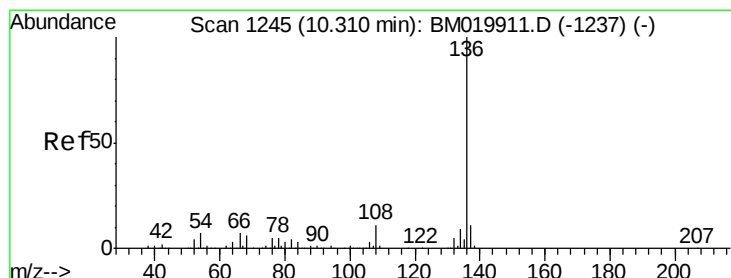
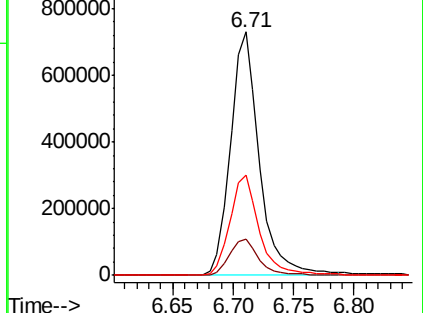
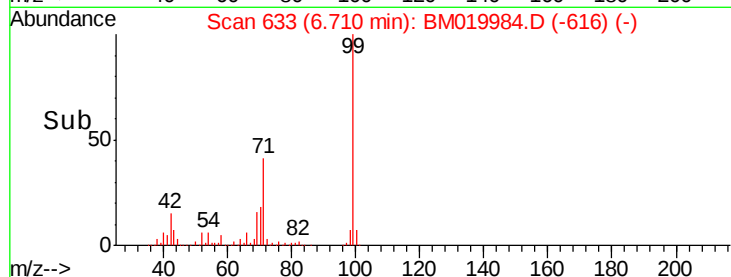
71 41.0 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM019984.D (-616) (-)

Ion 42.00 (41.70 to 42.70): BM019984.D (-616) (-)

Ion 71.00 (70.70 to 71.70): BM019984.D (-616) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1242

Delta R.T. 0.01 min

Lab File: BM019984.D

Acq: 19 Apr 2019 22:46

Tgt Ion: 136 Resp: 405931

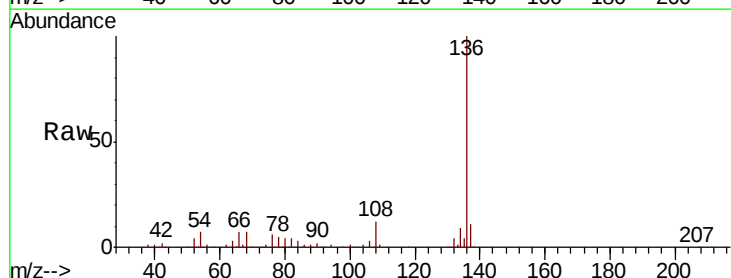
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 6.7 5.3 7.9

68 6.6 5.2 7.8

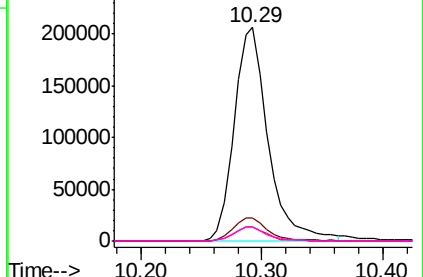
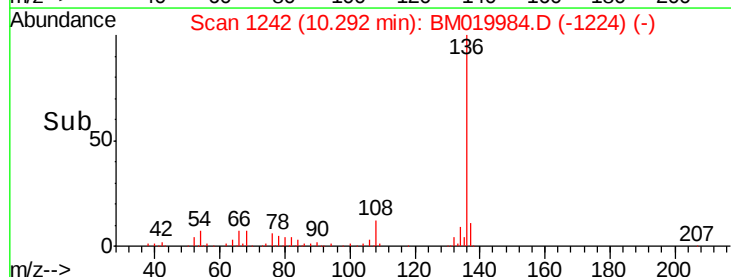


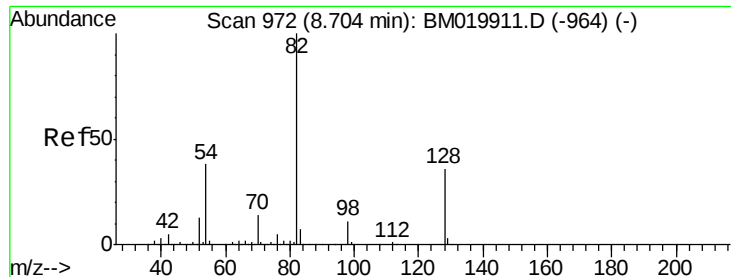
Abundance Ion 136.00 (135.70 to 136.70): BM019984.D (-1224) (-)

Ion 137.00 (136.70 to 137.70): BM019984.D (-1224) (-)

Ion 54.00 (53.70 to 54.70): BM019984.D (-1224) (-)

Ion 68.00 (67.70 to 68.70): BM019984.D (-1224) (-)

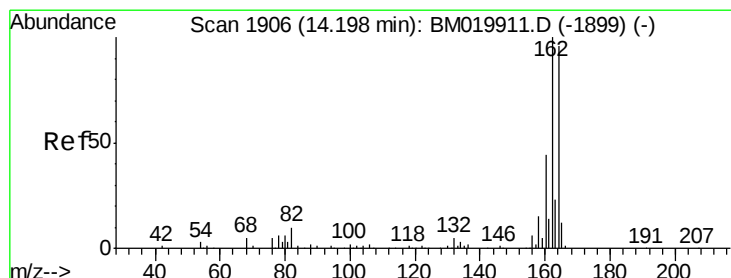
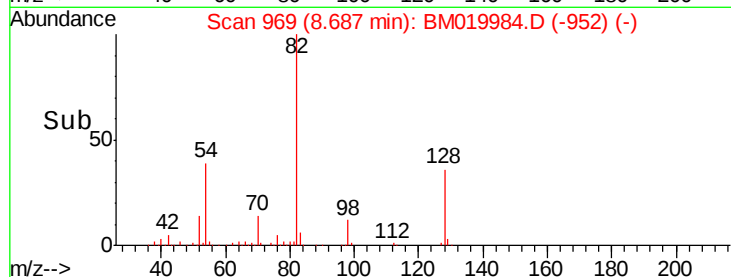
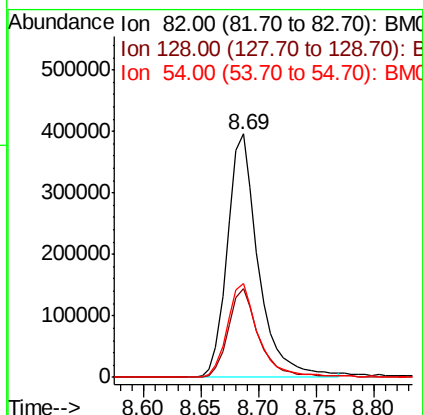
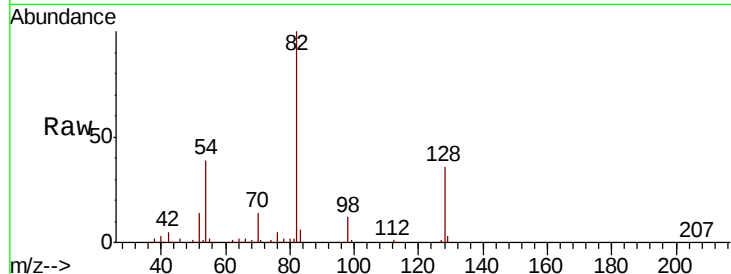




#23
 Nitrobenzene-d5
 Concen: 81.419 ng
 RT: 8.69 min Scan# 969
 Delta R.T. -0.00 min
 Lab File: BM019984.D
 Acq: 19 Apr 2019 22:46

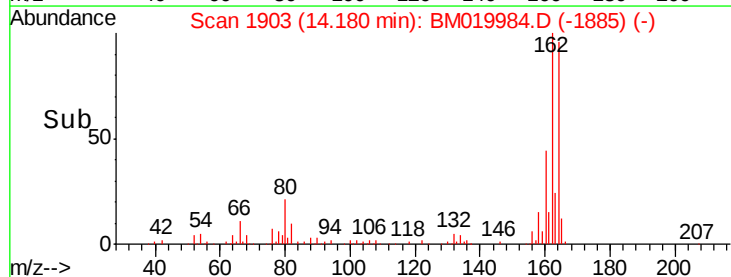
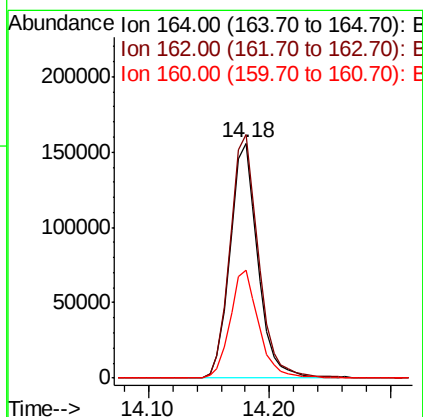
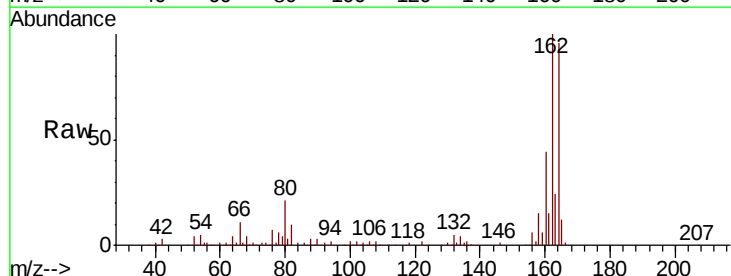
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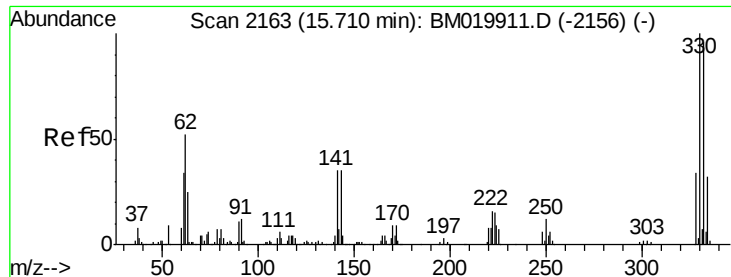
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.4	29.0	43.4
54	38.7	30.2	45.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.18 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: BM019984.D
 Acq: 19 Apr 2019 22:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.0	124.4
160	46.0	36.6	55.0

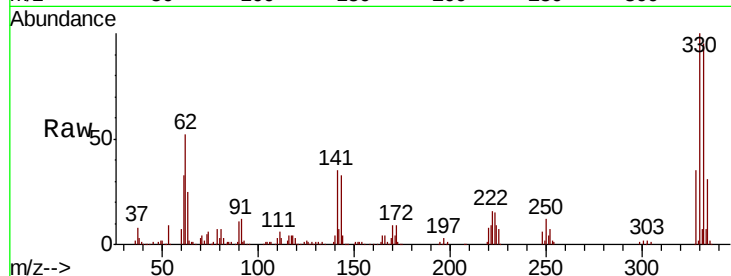




#42
 2,4,6-Tribromophenol
 Concen: 127.444 ng
 RT: 15.69 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BM019984.D
 Acq: 19 Apr 2019 22:46

Instrument :
 BNA_M
 ClientSampleId :
 PB119069BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	38.1	29.0	43.4

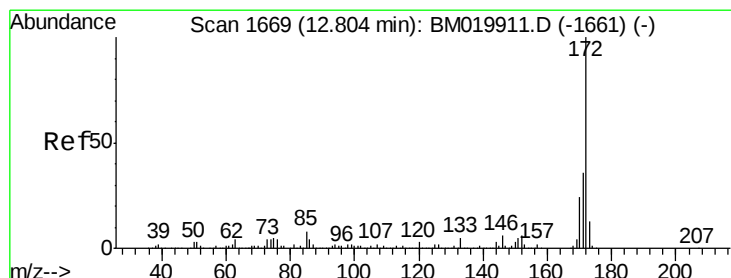
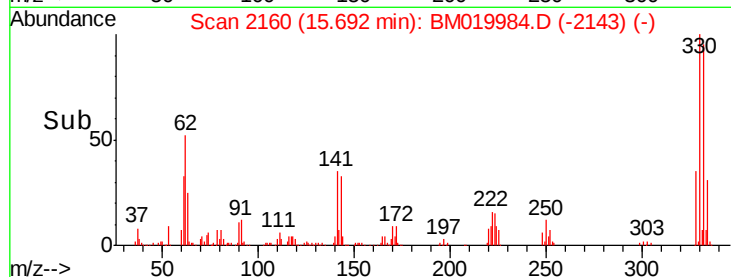
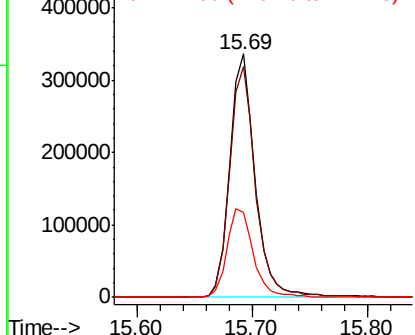


Abundance

Ion 329.80 (329.50 to 330.50): E

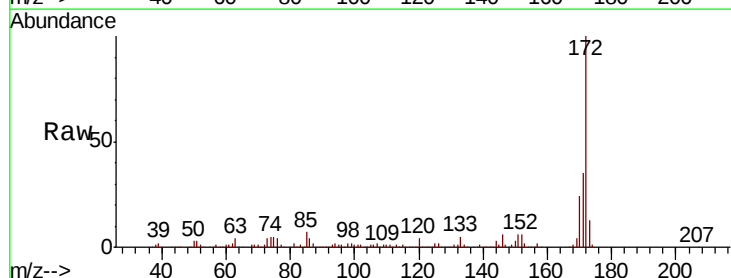
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 80.256 ng
 RT: 12.78 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BM019984.D
 Acq: 19 Apr 2019 22:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.9	43.3
170	23.6	19.0	28.4

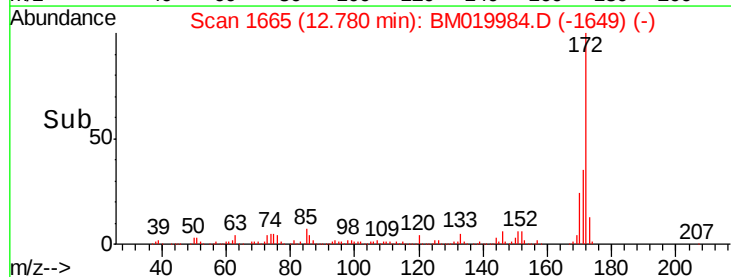
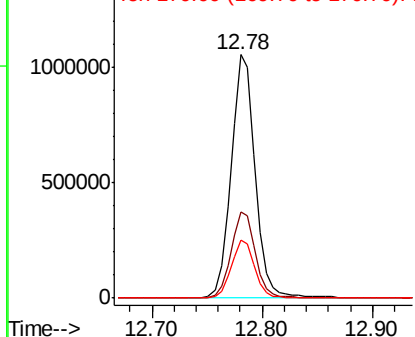


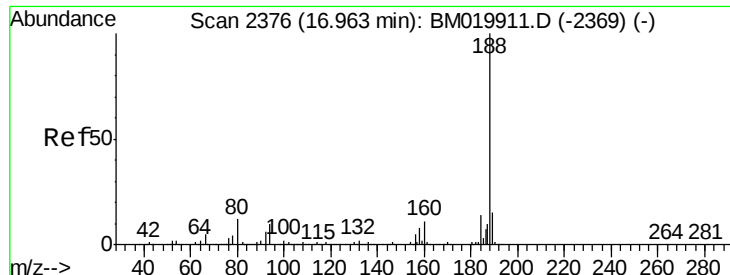
Abundance

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

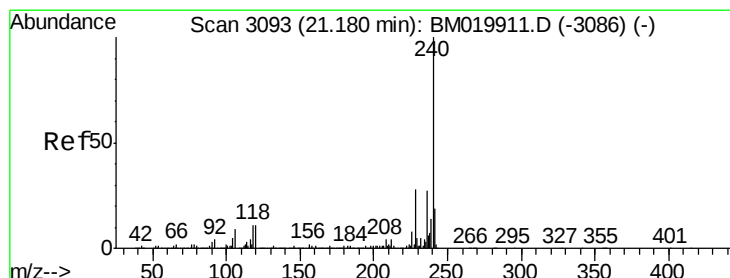
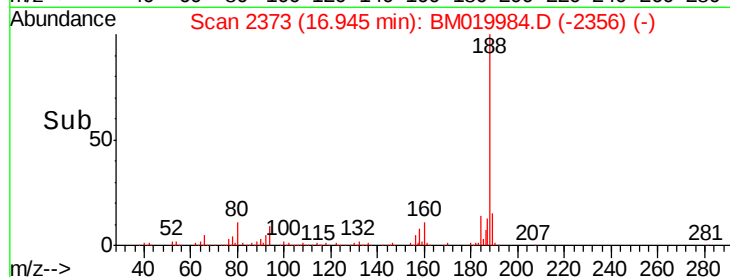
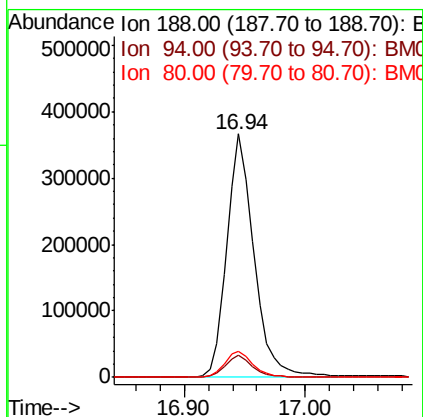
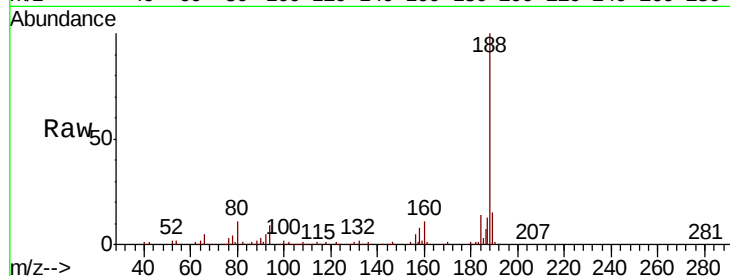




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BM019984.D
Acq: 19 Apr 2019 22:46

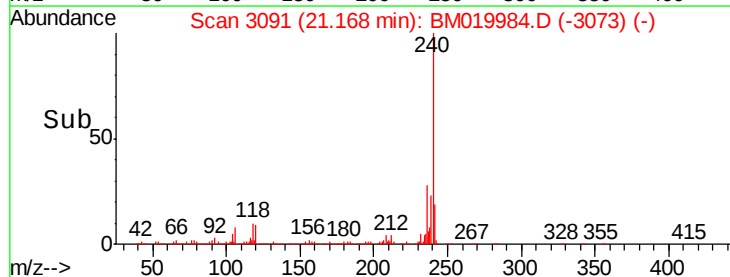
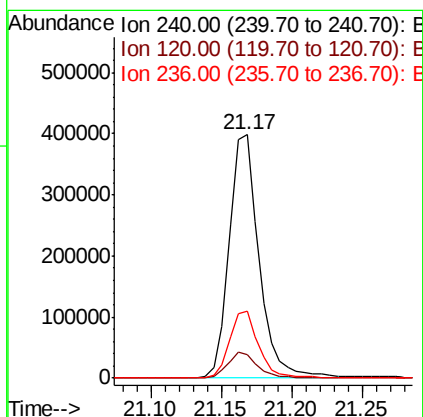
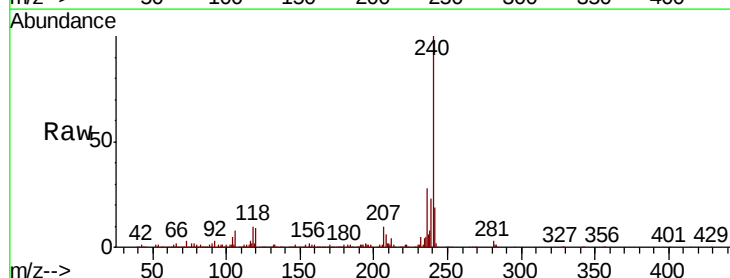
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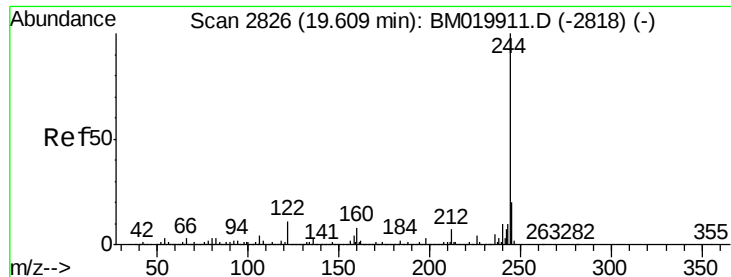
Tgt Ion:188 Resp: 575341
Ion Ratio Lower Upper
188 100
94 9.0 7.6 11.4
80 10.9 9.4 14.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3091
Delta R.T. 0.01 min
Lab File: BM019984.D
Acq: 19 Apr 2019 22:46

Tgt Ion:240 Resp: 588807
Ion Ratio Lower Upper
240 100
120 9.5 8.6 13.0
236 27.6 21.4 32.2





#79

Terphenyl-d14

Concen: 87.007 ng

RT: 19.59 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BM019984.D

Acq: 19 Apr 2019 22:46

Instrument :

BNA_M

ClientSampleId :

PB119069BL

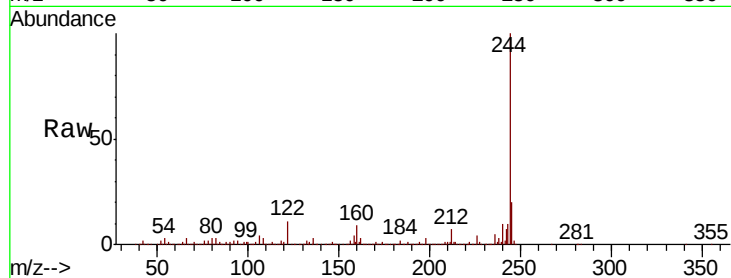
Tgt Ion:244 Resp: 2904503

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

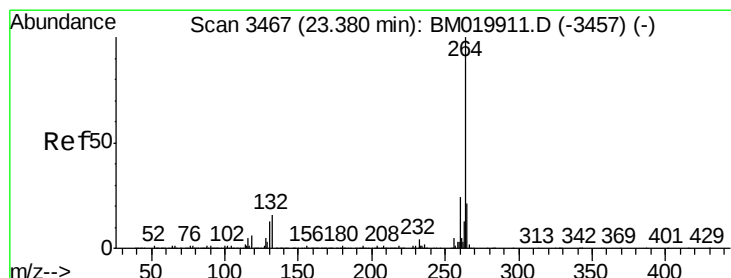
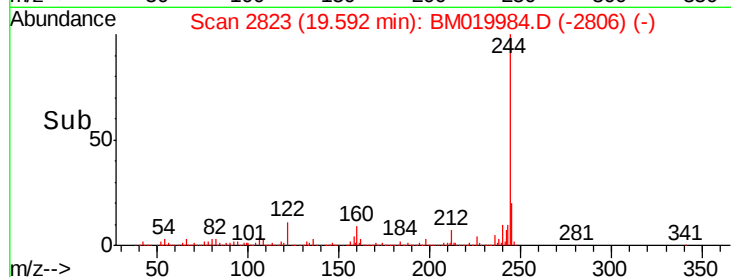
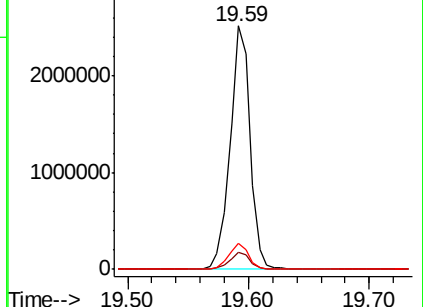
122 10.8 9.1 13.7



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: 23.36 min Scan# 3463

Delta R.T. 0.01 min

Lab File: BM019984.D

Acq: 19 Apr 2019 22:46

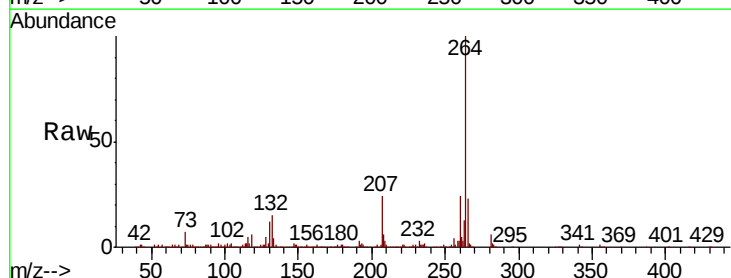
Tgt Ion:264 Resp: 673093

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.7 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

