

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041919\
 Data File : BM019996.D
 Acq On : 20 Apr 2019 07:18
 Operator : JU/SJ
 Sample : K2203-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-02-041819-B

Quant Time: Apr 21 22:08:19 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

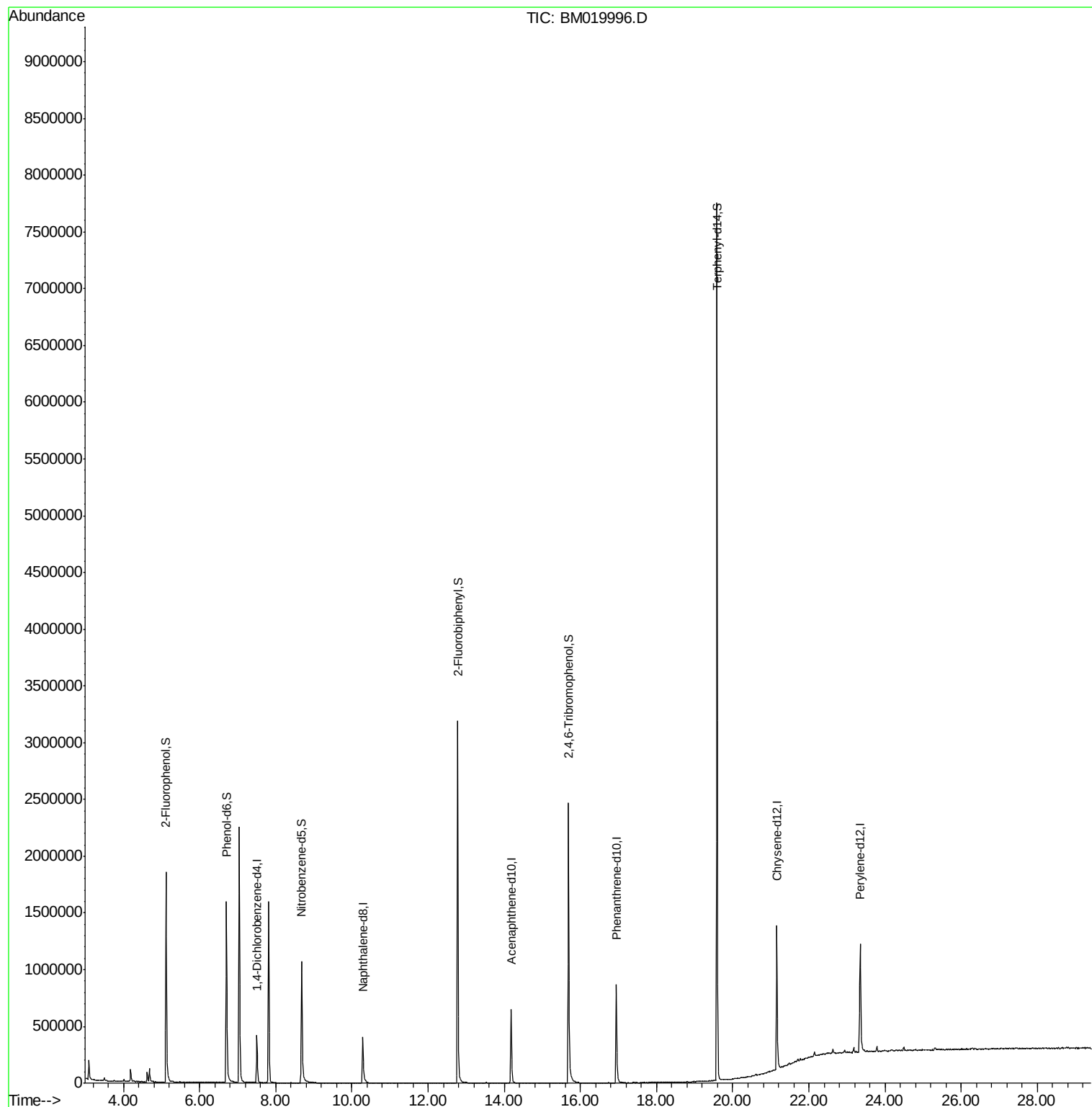
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	105939	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	399086	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	244286	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	580157	20.00	ng	0.00
76) Chrysene-d12	21.16	240	634750	20.00	ng	0.00
87) Perylene-d12	23.34	264	763402	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	819997	125.44	ng	0.00
7) Phenol-d6	6.70	99	984260	100.05	ng	0.00
23) Nitrobenzene-d5	8.68	82	788344	88.34	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	519426	132.09	ng	0.00
45) 2-Fluorobiphenyl	12.78	172	1659354	84.65	ng	0.00
79) Terphenyl-d14	19.59	244	3363021	93.45	ng	0.00
Target Compounds						
9) Benzaldehyde	6.70	77	2953	Below Cal	Qvalue #	7

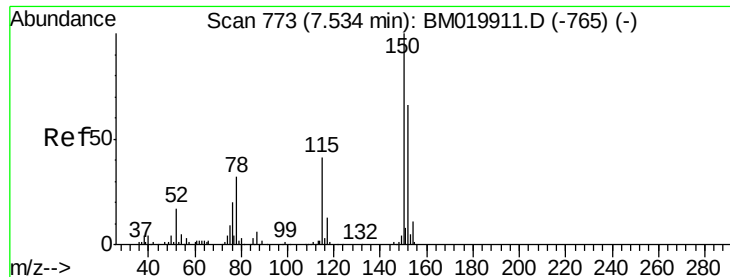
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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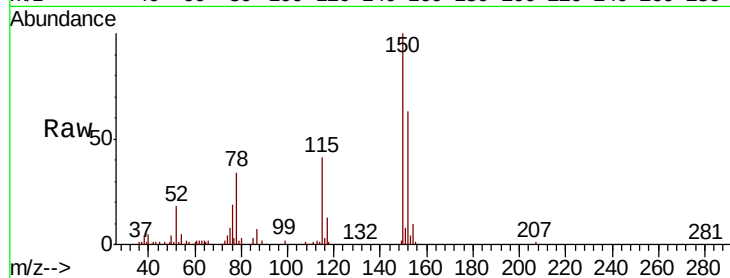


#1

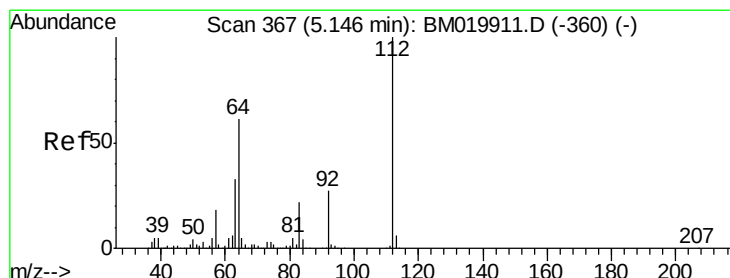
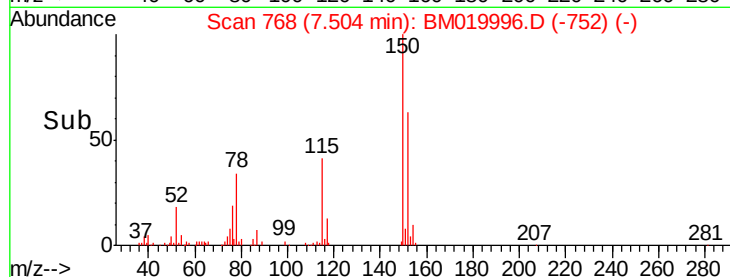
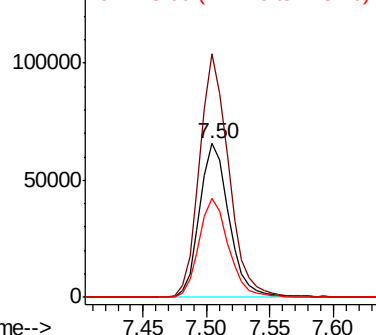
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM019996.D
Acq: 20 Apr 2019 07:18

Instrument :
BNA_M
ClientSampleId :
SU-02-041819-B

Tgt Ion:152 Resp: 105939
Ion Ratio Lower Upper
152 100
150 158.3 122.1 183.1
115 64.2 50.0 75.0



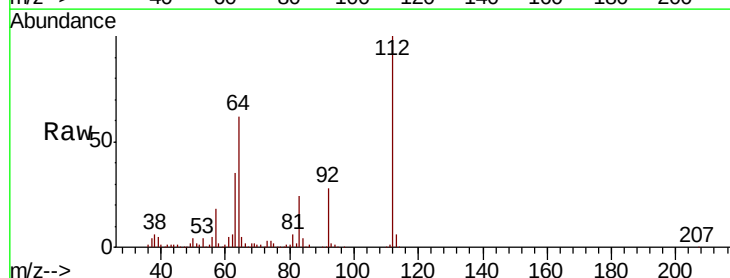
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



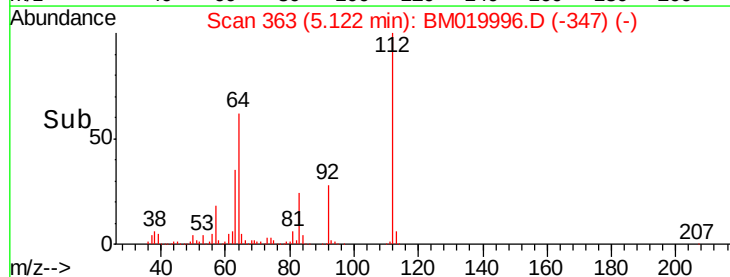
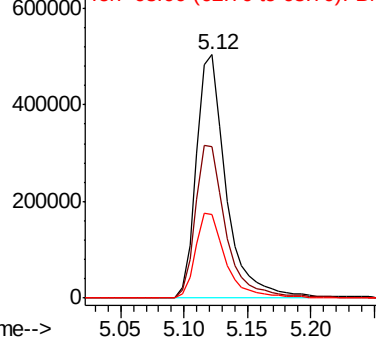
#5

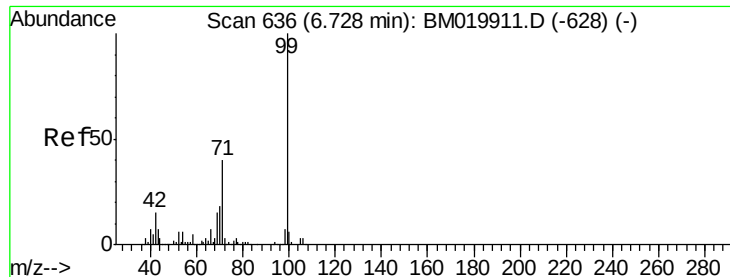
2-Fluorophenol
Concen: 125.443 ng
RT: 5.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: BM019996.D
Acq: 20 Apr 2019 07:18

Tgt Ion:112 Resp: 819997
Ion Ratio Lower Upper
112 100
64 62.3 49.1 73.7
63 34.6 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: 100.049 ng

RT: 6.70 min Scan# 632

Delta R.T. -0.01 min

Lab File: BM019996.D

Acq: 20 Apr 2019 07:18

Instrument :

BNA_M

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SU-02-041819-B

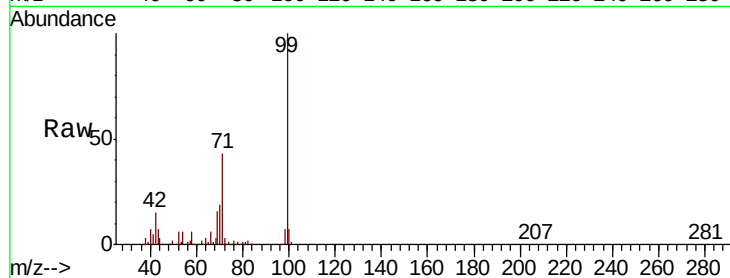
Tgt Ion: 99 Resp: 984260

Ion Ratio Lower Upper

99 100

42 15.4 11.8 17.8

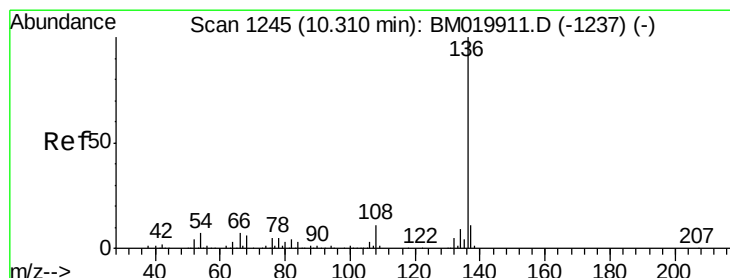
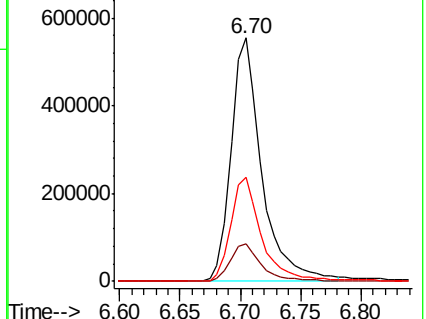
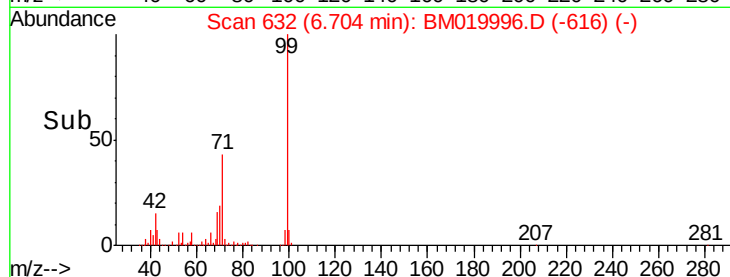
71 42.6 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM019996.D (-616) (-)

Ion 42.00 (41.70 to 42.70): BM019996.D (-616) (-)

Ion 71.00 (70.70 to 71.70): BM019996.D (-616) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1241

Delta R.T. -0.00 min

Lab File: BM019996.D

Acq: 20 Apr 2019 07:18

Tgt Ion: 136 Resp: 399086

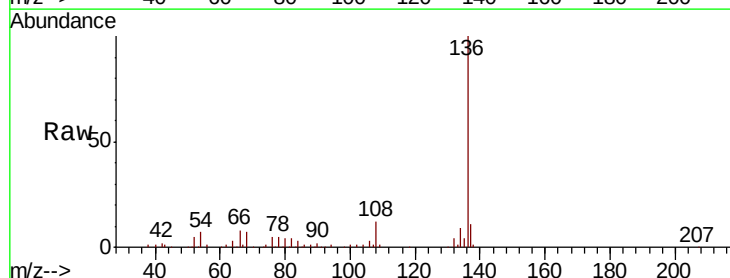
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 6.8 5.3 7.9

68 6.6 5.2 7.8

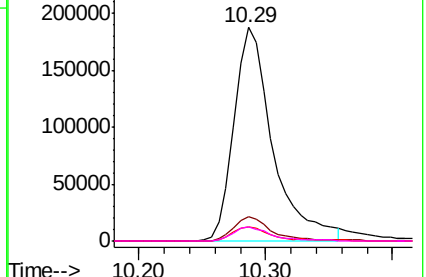
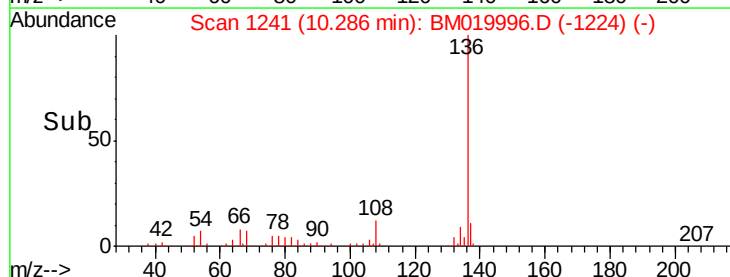


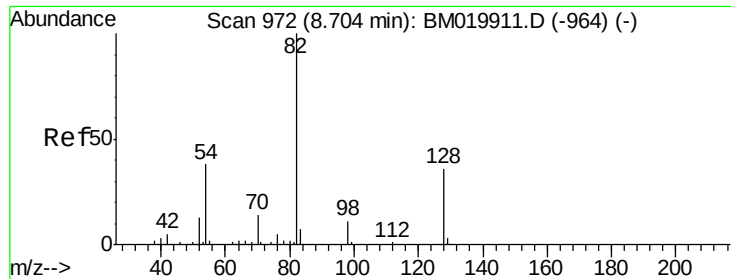
Abundance Ion 136.00 (135.70 to 136.70): BM019996.D (-1224) (-)

Ion 137.00 (136.70 to 137.70): BM019996.D (-1224) (-)

Ion 54.00 (53.70 to 54.70): BM019996.D (-1224) (-)

Ion 68.00 (67.70 to 68.70): BM019996.D (-1224) (-)

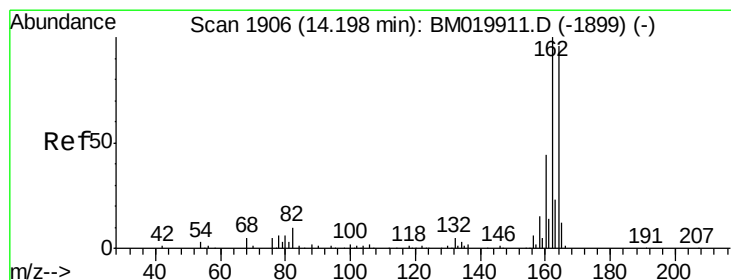
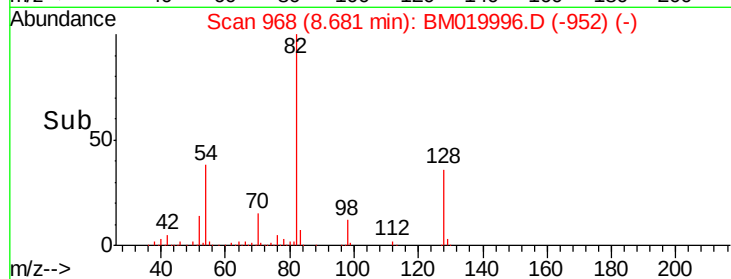
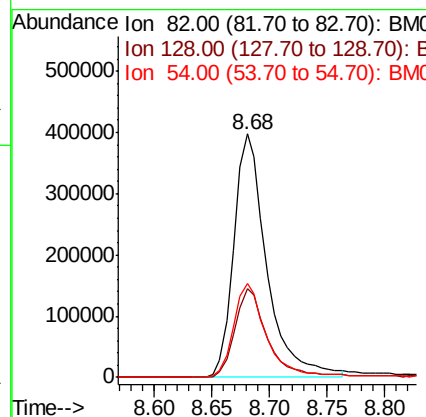
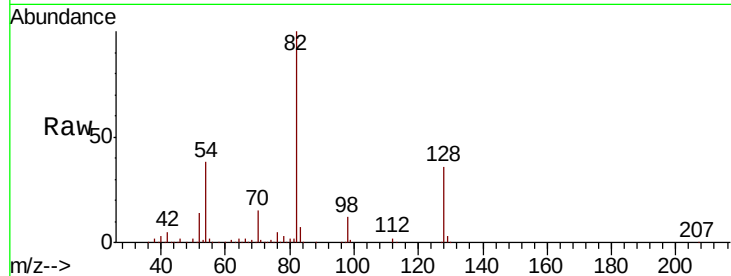




#23
 Nitrobenzene-d5
 Concen: 88.341 ng
 RT: 8.68 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM019996.D
 Acq: 20 Apr 2019 07:18

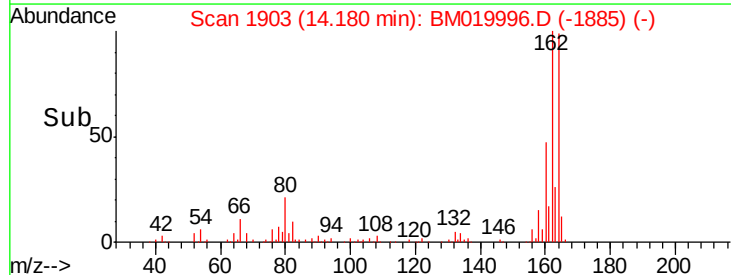
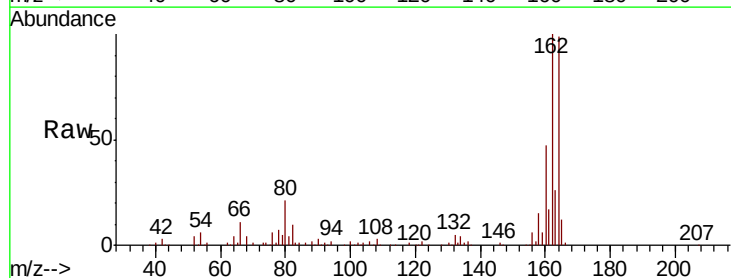
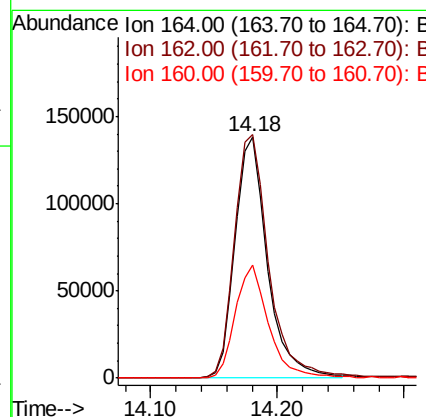
Instrument :
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 SU-02-041819-B

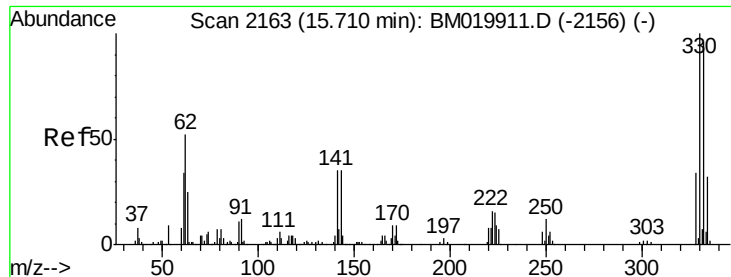
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.4	29.0	43.4
54	38.4	30.2	45.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.18 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: BM019996.D
 Acq: 20 Apr 2019 07:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	83.0	124.4
160	46.9	36.6	55.0

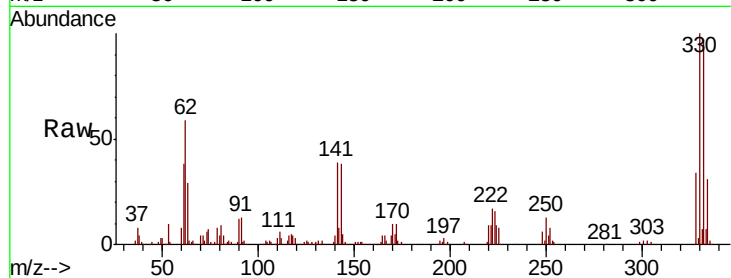




#42
 2,4,6-Tribromophenol
 Concen: 132.091 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BM019996.D
 Acq: 20 Apr 2019 07:18

Instrument :
 BNA_M
 ClientSampleId :
 SU-02-041819-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.4	116.2
141	38.6	29.0	43.4

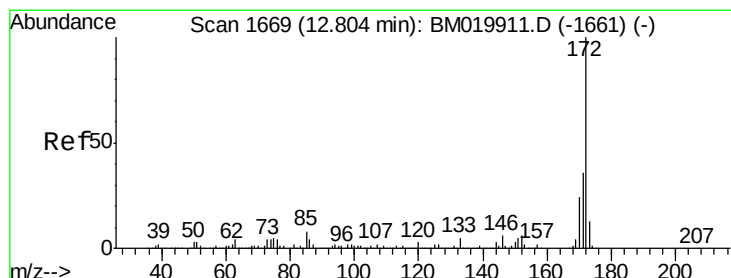
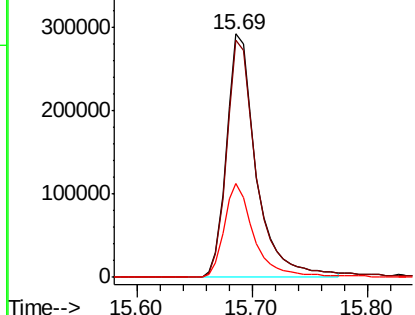
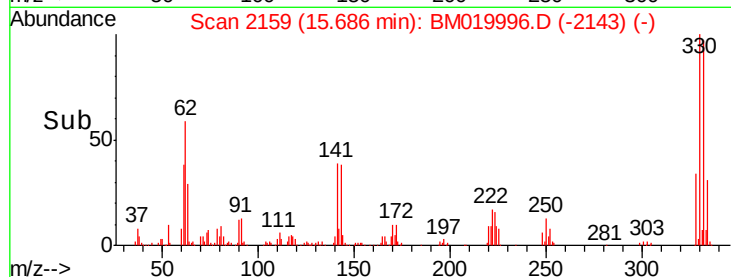


Abundance

Ion 329.80 (329.50 to 330.50): E

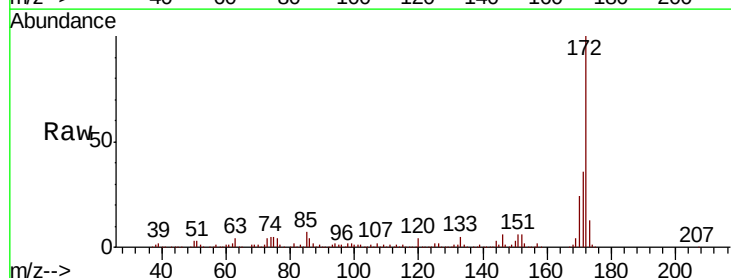
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 84.652 ng
 RT: 12.78 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BM019996.D
 Acq: 20 Apr 2019 07:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	23.7	19.0	28.4

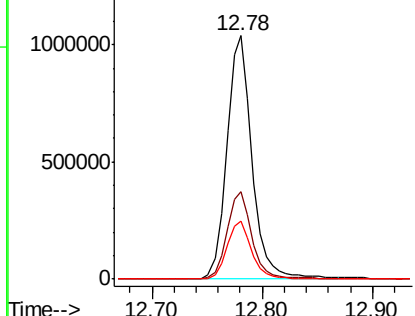
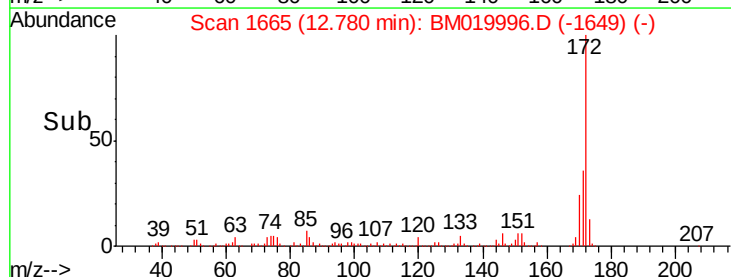


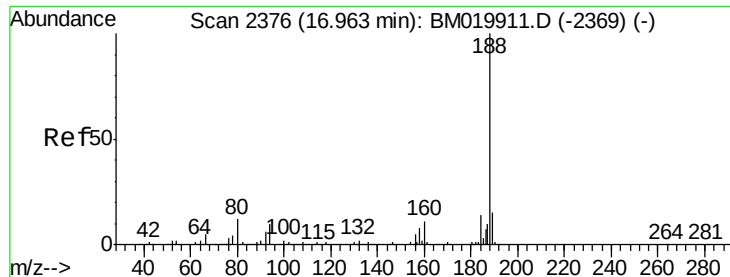
Abundance

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

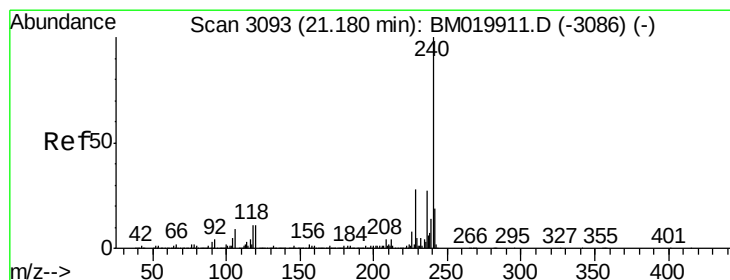
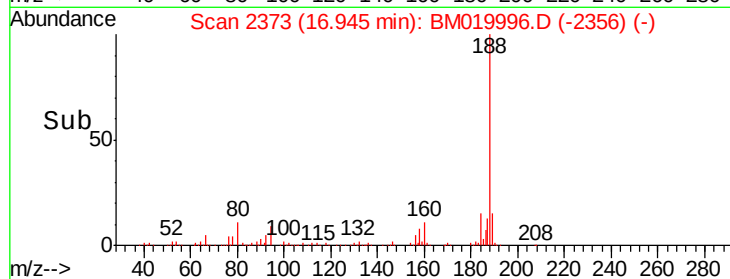
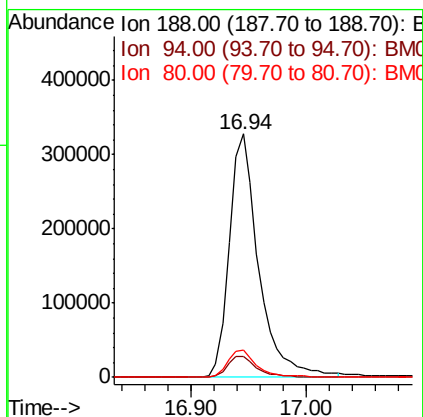
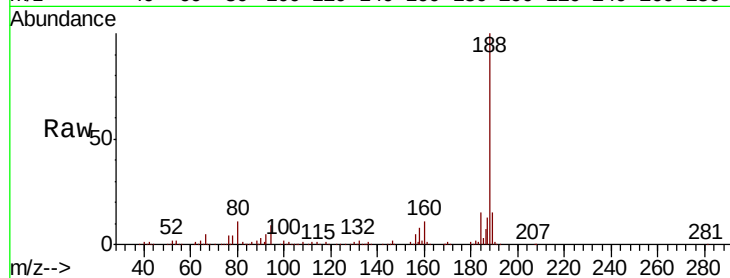




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BM019996.D
Acq: 20 Apr 2019 07:18

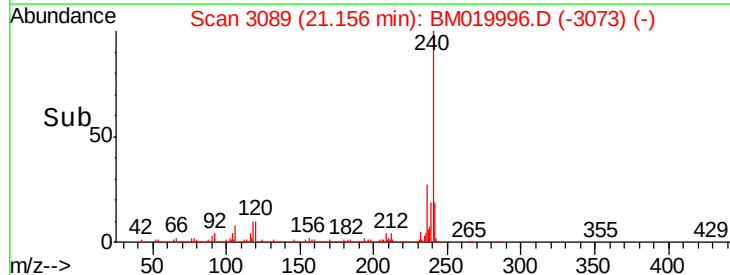
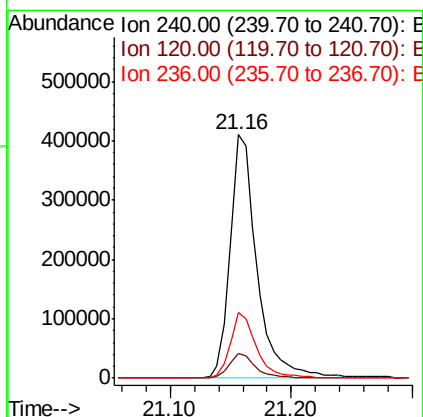
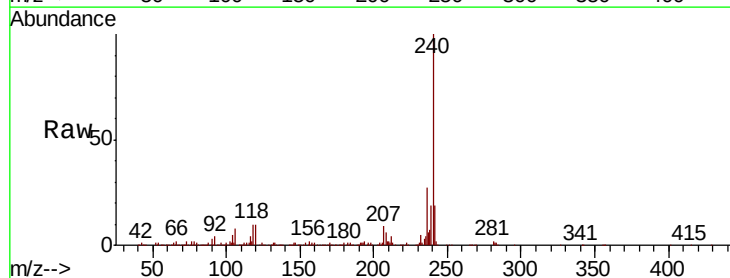
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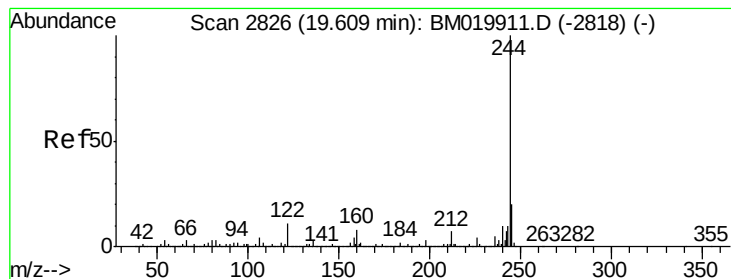
Tgt Ion:188 Resp: 580157
Ion Ratio Lower Upper
188 100
94 8.8 7.6 11.4
80 11.1 9.4 14.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM019996.D
Acq: 20 Apr 2019 07:18

Tgt Ion:240 Resp: 634750
Ion Ratio Lower Upper
240 100
120 10.1 8.6 13.0
236 26.7 21.4 32.2





#79

Terphenyl-d14

Concen: 93.451 ng

RT: 19.59 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BM019996.D

Acq: 20 Apr 2019 07:18

Instrument :

BNA_M

ClientSampleId :

SU-02-041819-B

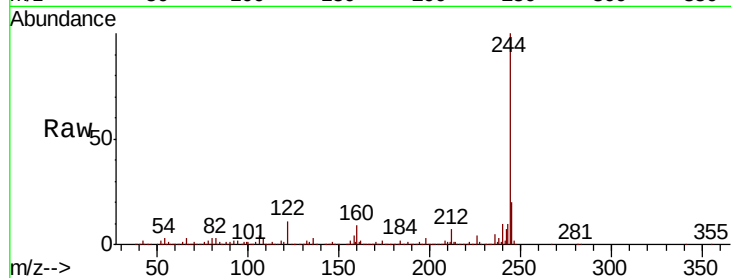
Tgt Ion:244 Resp: 3363021

Ion Ratio Lower Upper

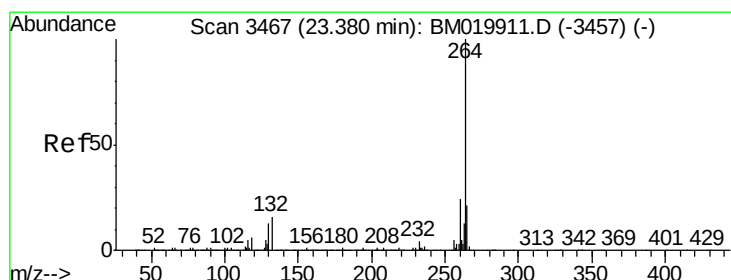
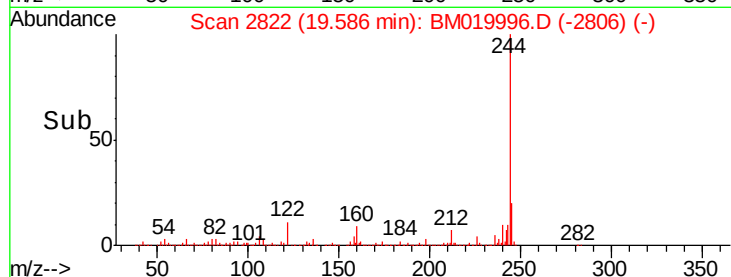
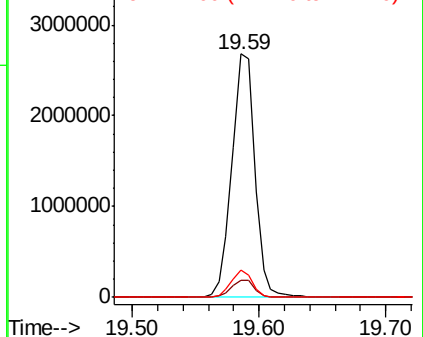
244 100

212 7.3 5.7 8.5

122 11.0 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: 23.34 min Scan# 3461

Delta R.T. -0.01 min

Lab File: BM019996.D

Acq: 20 Apr 2019 07:18

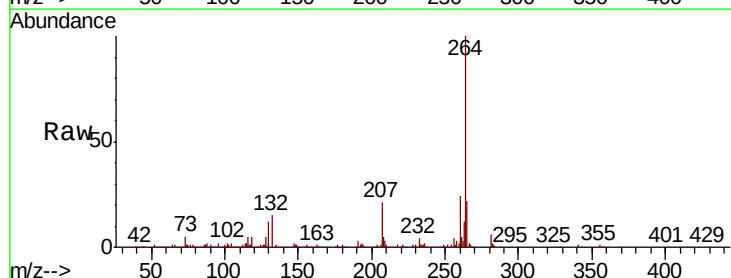
Tgt Ion:264 Resp: 763402

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.0 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

