

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
 Data File : BM022506.D
 Acq On : 03 Sep 2019 17:06
 Operator : HP/JU
 Sample : K4555-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TW-11

Quant Time: Sep 04 02:23:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 02 03:54:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	16180	20.00	ng	-0.01
21) Naphthalene-d8	10.28	136	55520	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	34051	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	69785	20.00	ng	0.00
76) Chrysene-d12	21.16	240	76650	20.00	ng	0.00
87) Perylene-d12	23.34	264	92598	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	65573	71.14	ng	0.00
7) Phenol-d6	6.70	99	52234	42.38	ng	0.00
23) Nitrobenzene-d5	8.68	82	119447	94.23	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	80786	115.94	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	262171	87.22	ng	0.00
79) Terphenyl-d14	19.58	244	558172	96.11	ng	0.00

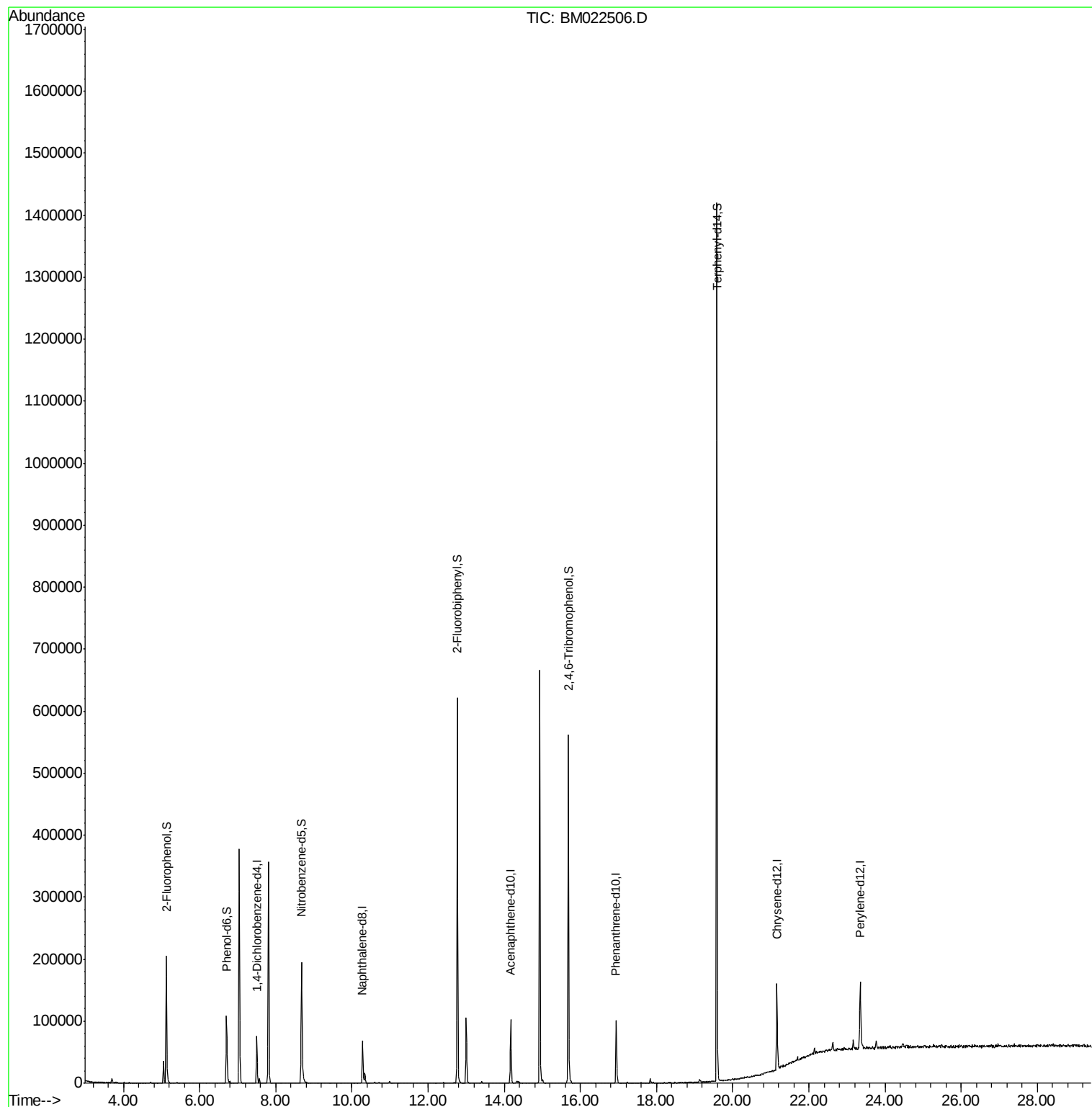
Target Compounds	Qvalue
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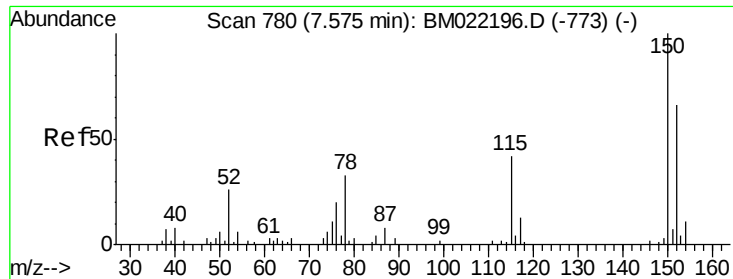
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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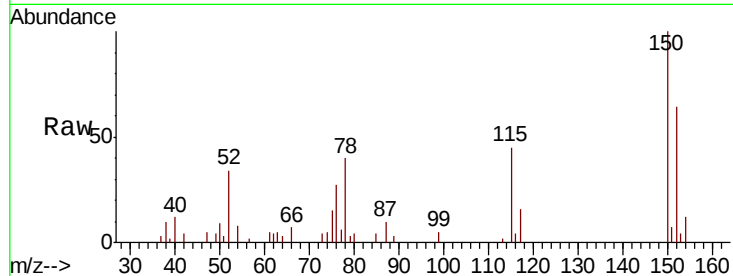


#1

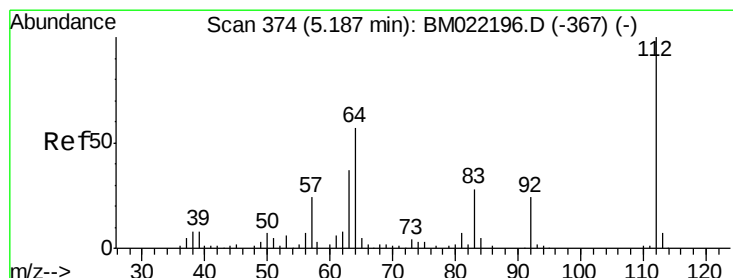
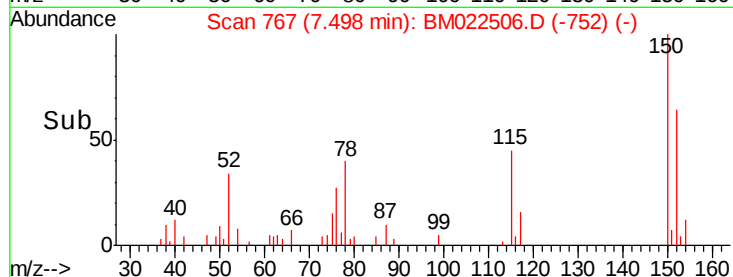
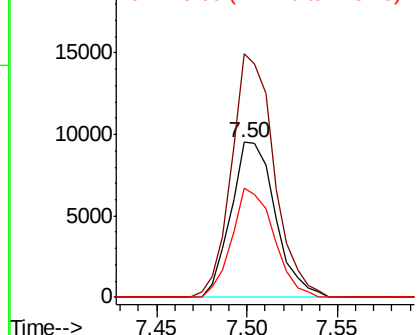
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 767
Delta R.T. -0.01 min
Lab File: BM022506.D
Acq: 03 Sep 2019 17:06

Instrument :
BNA_M
ClientSampleId :
TW-11

Tot Ion:152 Resp: 16180
Ion Ratio Lower Upper
152 100
150 156.9 125.4 188.0
115 70.7 50.3 75.5



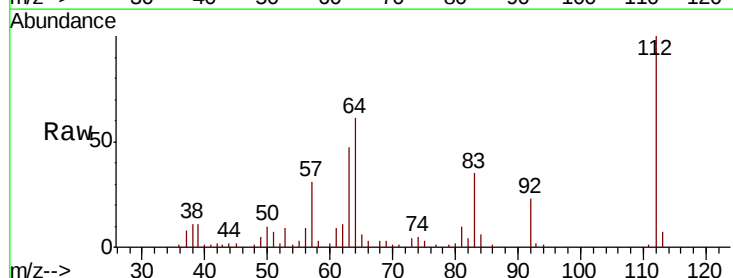
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



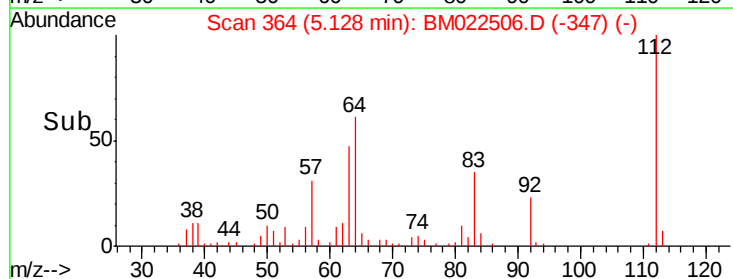
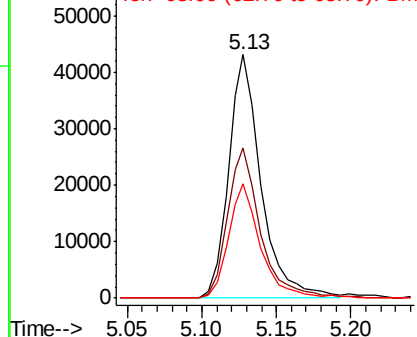
#5

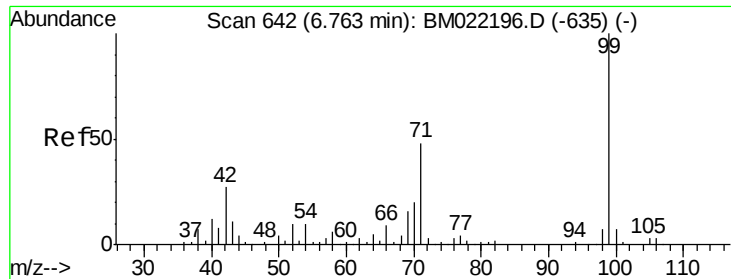
2-Fluorophenol
Concen: 71.139 ng
RT: 5.13 min Scan# 364
Delta R.T. -0.00 min
Lab File: BM022506.D
Acq: 03 Sep 2019 17:06

Tgt Ion:112 Resp: 65573
Ion Ratio Lower Upper
112 100
64 61.5 45.4 68.2
63 46.8 34.5 51.7



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: 42.376 ng

RT: 6.70 min Scan# 632

Delta R.T. -0.01 min

Lab File: BM022506.D

Acq: 03 Sep 2019 17:06

Instrument :

BNA_M

ClientSampleId :

TW-11

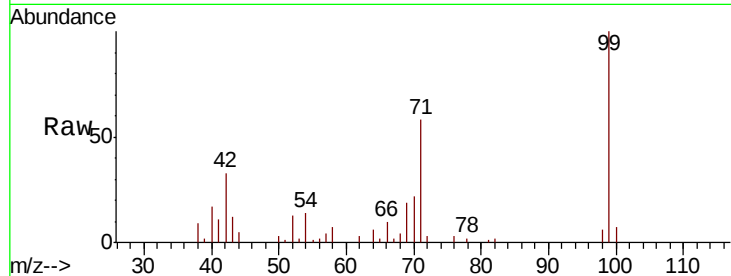
Tot Ion: 99 Resp: 52234

Ion Ratio Lower Upper

99 100

42 32.7 26.3 39.5

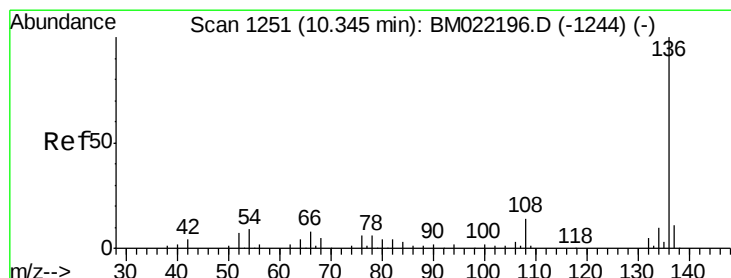
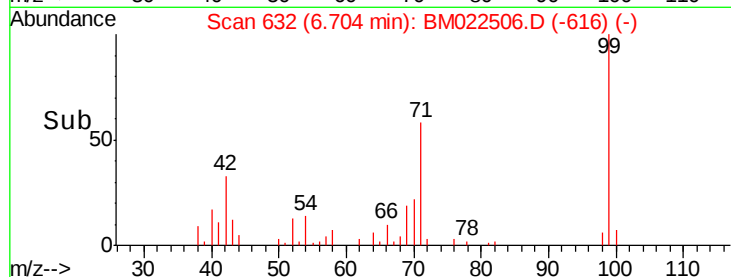
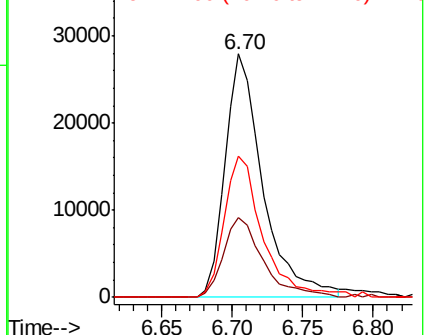
71 58.2 46.6 69.8



Abundance Ion 99.00 (98.70 to 99.70): BM022506.D (-616) (-)

Ion 42.00 (41.70 to 42.70): BM022506.D (-616) (-)

Ion 71.00 (70.70 to 71.70): BM022506.D (-616) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.28 min Scan# 1240

Delta R.T. -0.00 min

Lab File: BM022506.D

Acq: 03 Sep 2019 17:06

Tgt Ion: 136 Resp: 55520

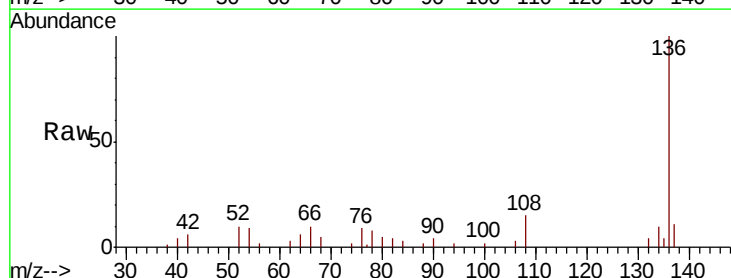
Ion Ratio Lower Upper

136 100

137 11.4 8.6 13.0

54 9.4 7.0 10.6

68 4.8 2.9 4.3#

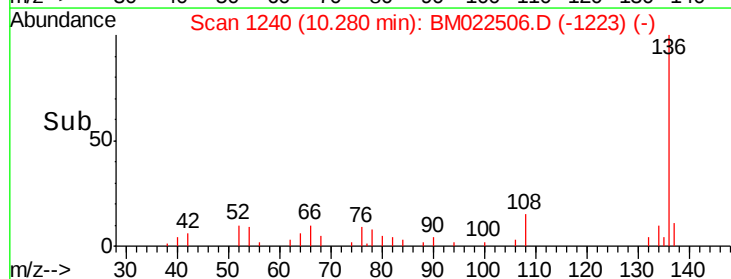
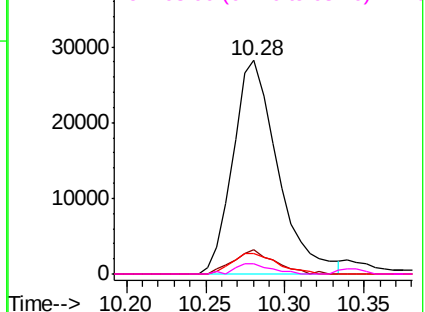


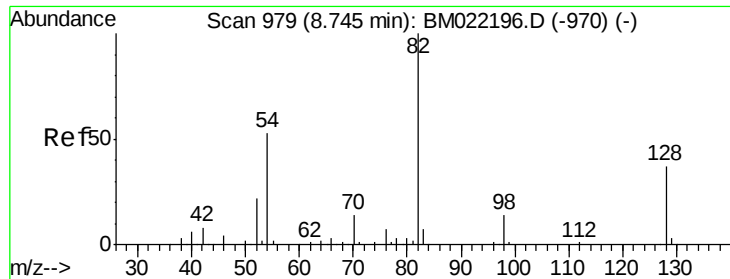
Abundance Ion 136.00 (135.70 to 136.70): BM022506.D (-1223) (-)

Ion 137.00 (136.70 to 137.70): BM022506.D (-1223) (-)

Ion 54.00 (53.70 to 54.70): BM022506.D (-1223) (-)

Ion 68.00 (67.70 to 68.70): BM022506.D (-1223) (-)

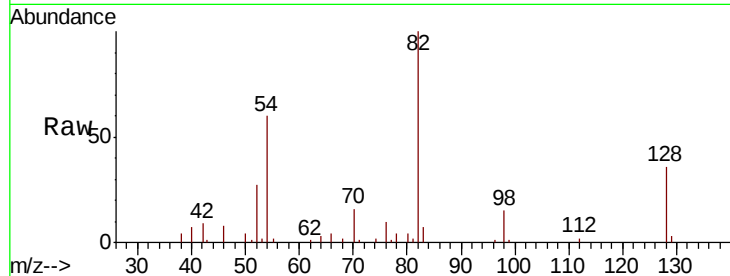




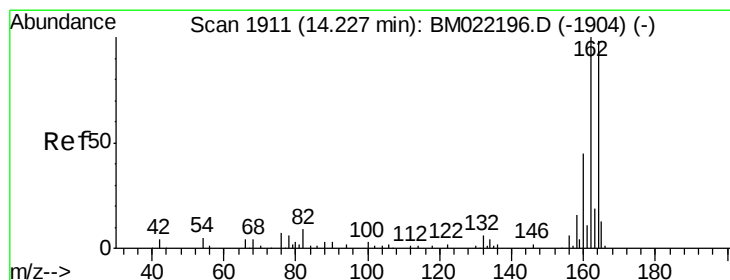
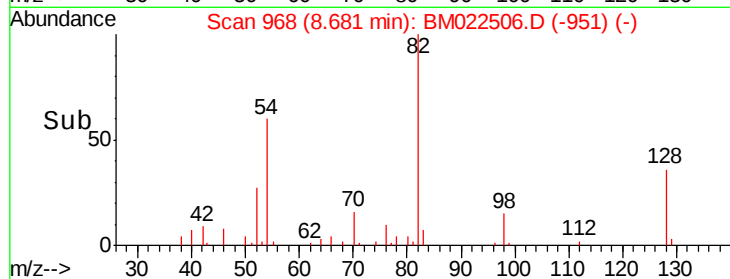
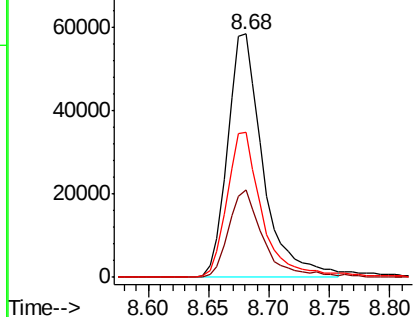
#23
Nitrobenzene-d5
Concen: 94.233 ng
RT: 8.68 min Scan# 968
Delta R.T. -0.00 min
Lab File: BM022506.D
Acq: 03 Sep 2019 17:06

Instrument :
BNA_M
ClientSampleId :
TW-11

Tot Ion: 82 Resp: 119447
Ion Ratio Lower Upper
82 100
128 35.8 27.9 41.9
54 59.7 45.2 67.8

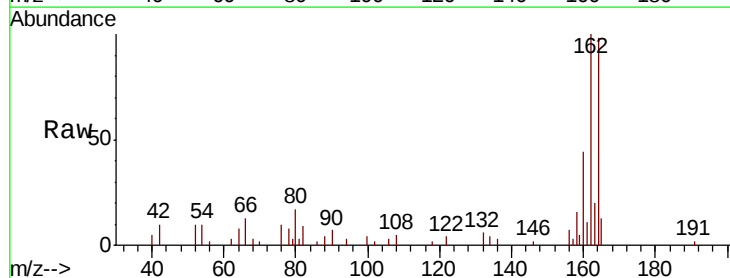


Abundance Ion 82.00 (81.70 to 82.70): BM022506.D (-951) (-)
Ion 128.00 (127.70 to 128.70): BM022506.D (-951) (-)
Ion 54.00 (53.70 to 54.70): BM022506.D (-951) (-)

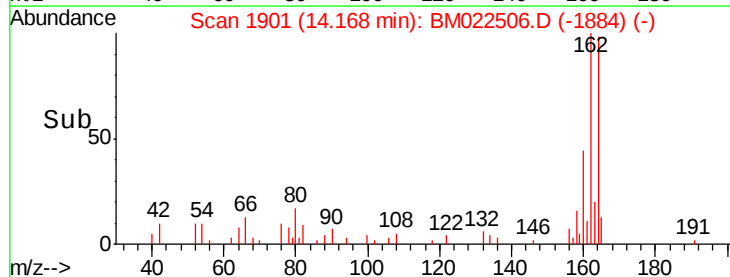
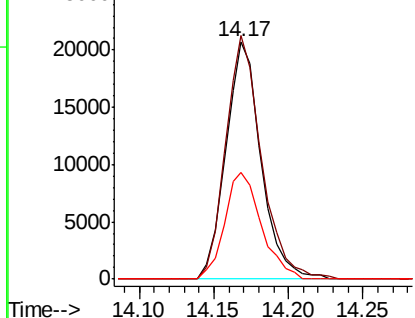


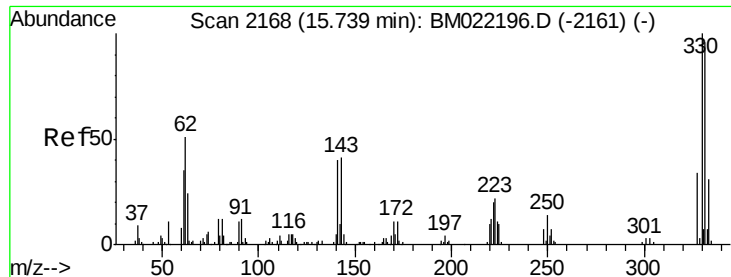
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.17 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BM022506.D
Acq: 03 Sep 2019 17:06

Tgt Ion: 164 Resp: 34051
Ion Ratio Lower Upper
164 100
162 102.4 80.6 121.0
160 45.1 37.3 55.9



Abundance Ion 164.00 (163.70 to 164.70): BM022506.D (-1884) (-)
Ion 162.00 (161.70 to 162.70): BM022506.D (-1884) (-)
Ion 160.00 (159.70 to 160.70): BM022506.D (-1884) (-)

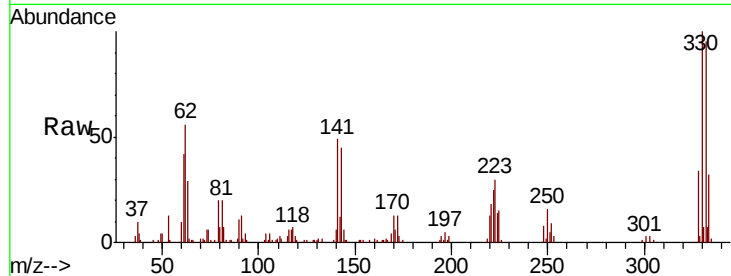




#42
 2,4,6-Tribromophenol
 Concen: 115.942 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BM022506.D
 Acq: 03 Sep 2019 17:06

Instrument :
 BNA_M
 ClientSampleId :
 TW-11

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.8	116.8
141	54.5	35.6	53.4

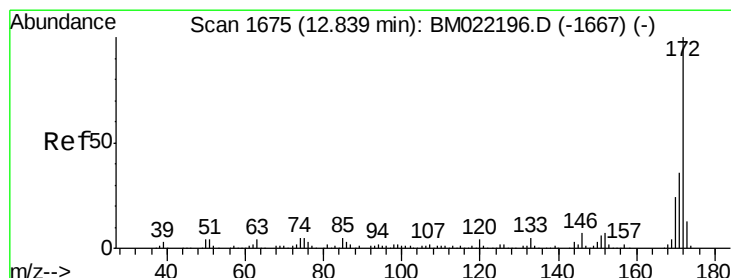
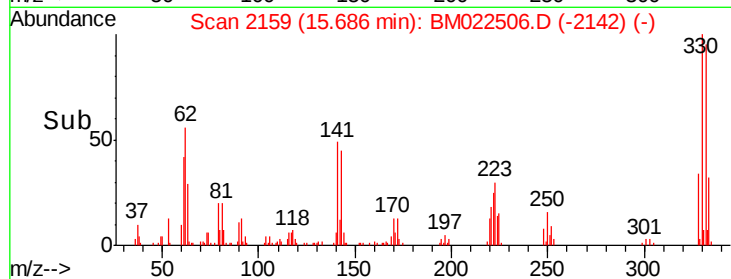
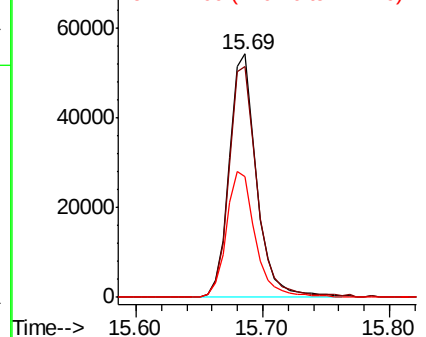


Abundance

Ion 329.80 (329.50 to 330.50): E

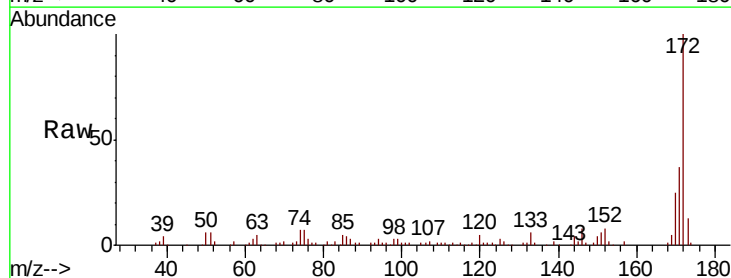
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 87.222 ng
 RT: 12.77 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: BM022506.D
 Acq: 03 Sep 2019 17:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.5	42.7
170	25.0	18.9	28.3

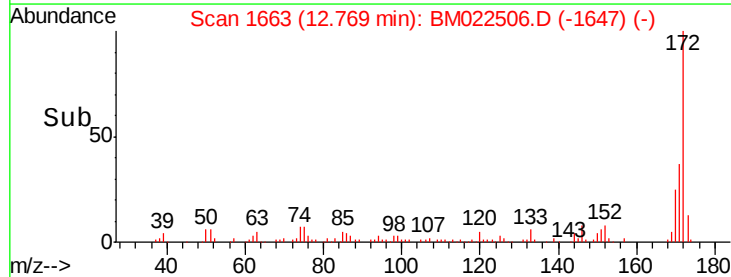
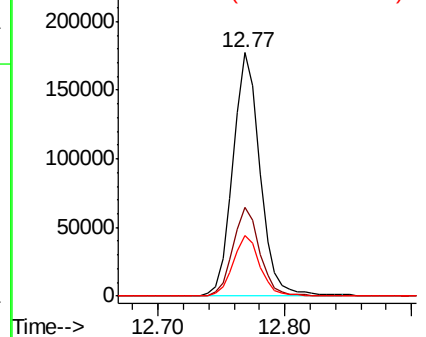


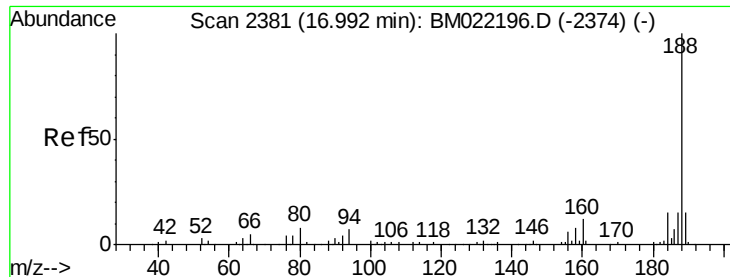
Abundance

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. -0.00 min

Lab File: BM022506.D

Acq: 03 Sep 2019 17:06

Instrument :

BNA_M

ClientSampleId :

TW-11

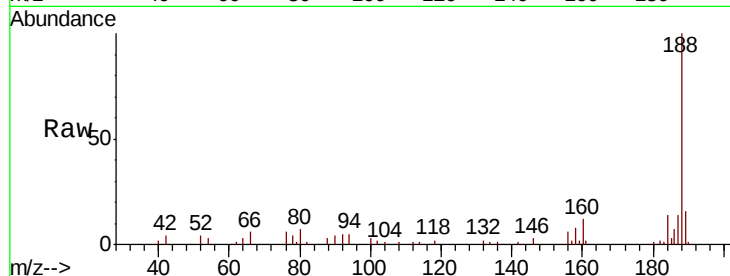
Tot Ion:188 Resp: 69785

Ion Ratio Lower Upper

188 100

94 5.3 4.4 6.6

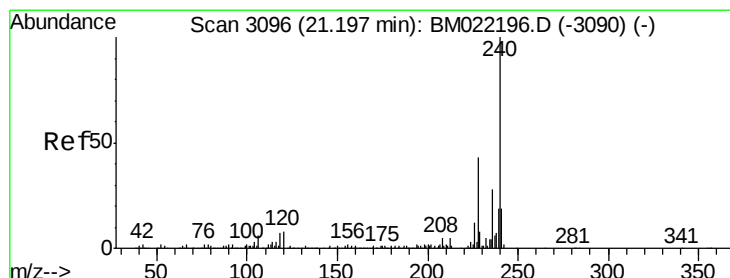
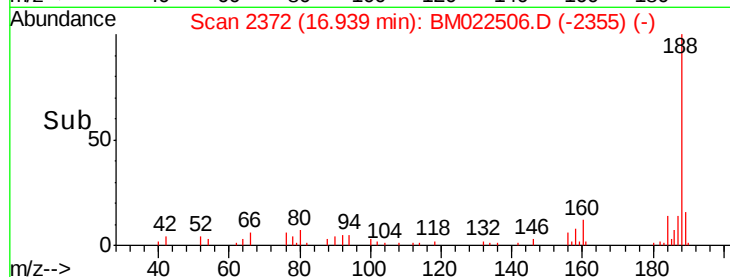
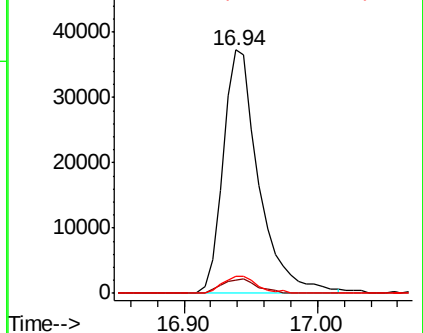
80 6.8 5.0 7.6



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: 21.16 min Scan# 3090

Delta R.T. 0.01 min

Lab File: BM022506.D

Acq: 03 Sep 2019 17:06

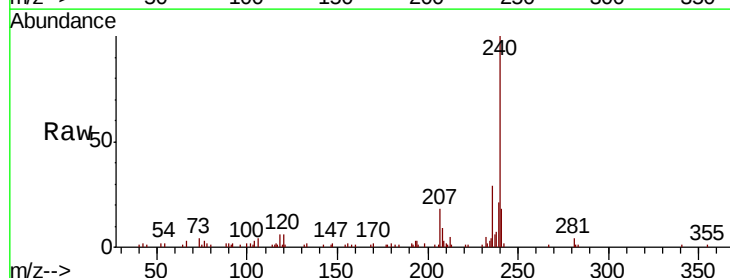
Tgt Ion:240 Resp: 76650

Ion Ratio Lower Upper

240 100

120 5.6 3.9 5.9

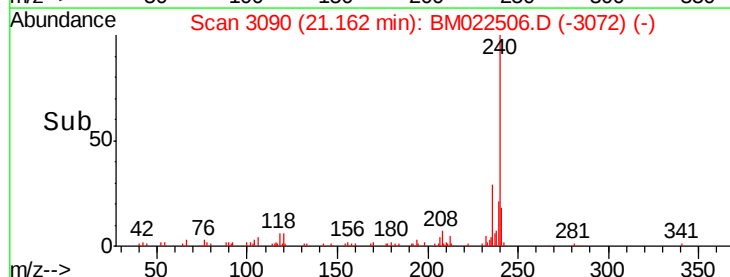
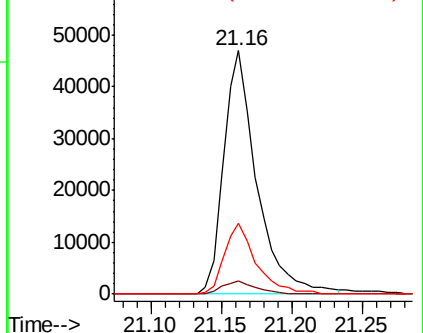
236 29.0 21.4 32.2

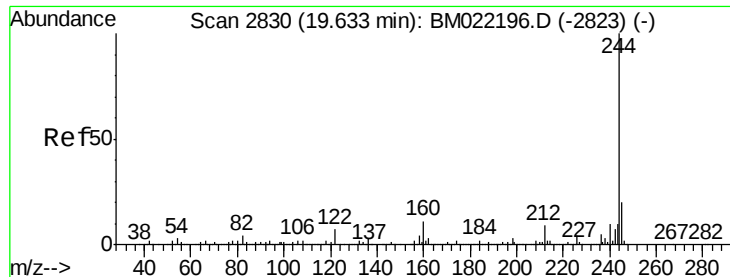


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

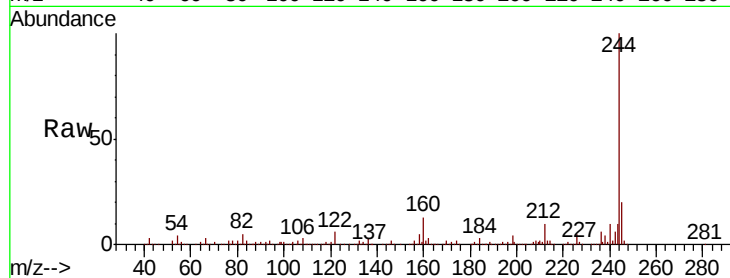




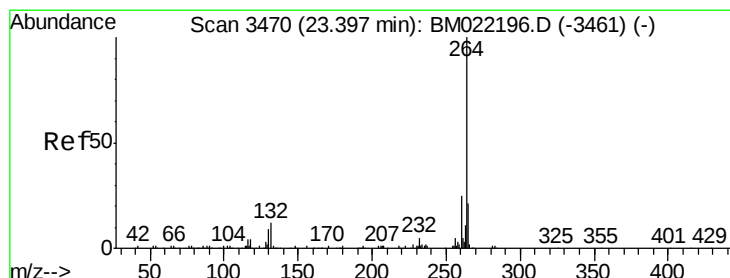
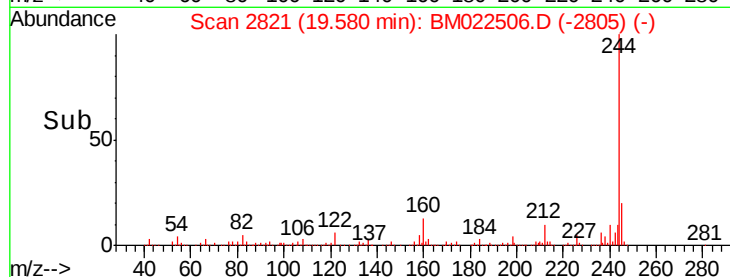
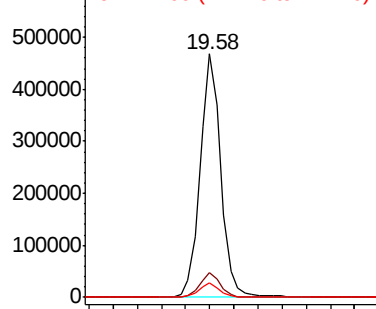
#79
 Terphenyl-d14
 Concen: 96.105 ng
 RT: 19.58 min Scan# 2821
 Delta R.T. -0.01 min
 Lab File: BM022506.D
 Acq: 03 Sep 2019 17:06

Instrument :
 BNA_M
 ClientSampleId :
 TW-11

Tot Ion:244 Resp: 558172
 Ion Ratio Lower Upper
 244 100
 212 9.9 7.0 10.4
 122 5.7 3.9 5.9

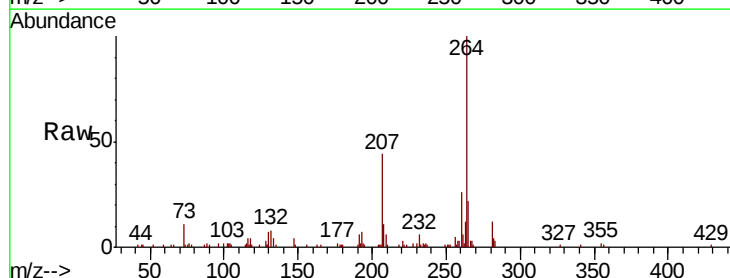


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.34 min Scan# 3461
 Delta R.T. -0.00 min
 Lab File: BM022506.D
 Acq: 03 Sep 2019 17:06

Tgt Ion:264 Resp: 92598
 Ion Ratio Lower Upper
 264 100
 260 26.3 20.2 30.2
 265 22.3 18.2 27.2



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

