

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
 Data File : BM022507.D
 Acq On : 03 Sep 2019 17:43
 Operator : HP/JU
 Sample : K4555-13
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TW-4

Quant Time: Sep 04 02:24:36 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	16302	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	55074	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	33772	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	66089	20.00	ng	0.00
76) Chrysene-d12	21.16	240	74747	20.00	ng	0.00
87) Perylene-d12	23.34	264	97048	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	52873	56.93	ng	0.00
7) Phenol-d6	6.70	99	39601	31.89	ng	0.00
23) Nitrobenzene-d5	8.68	82	114259	90.87	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	71864	103.99	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	246498	82.69	ng	0.00
79) Terphenyl-d14	19.58	244	518375	91.53	ng	0.00

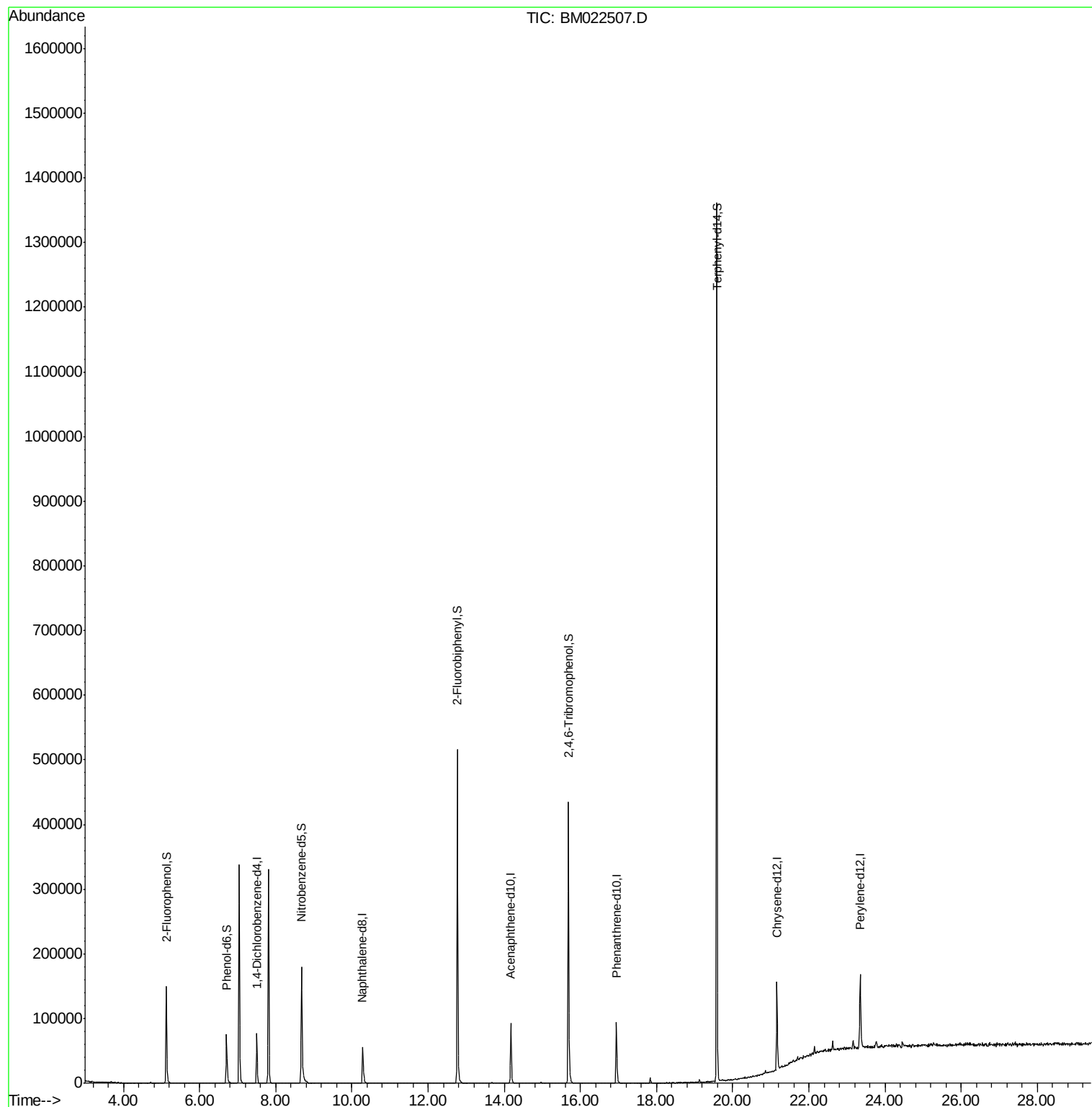
Target Compounds Qvalue

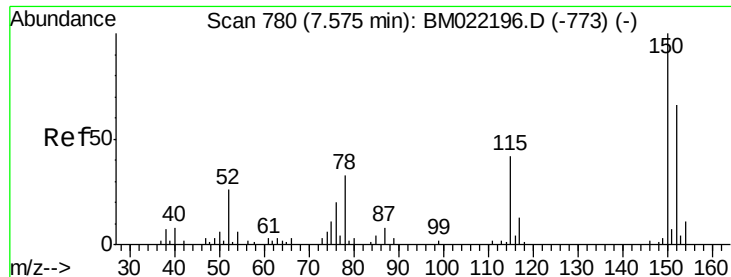
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
Data File : BM022507.D
Acq On : 03 Sep 2019 17:43
Operator : HP/JU
Sample : K4555-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TW-4

Quant Time: Sep 04 02:24:36 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



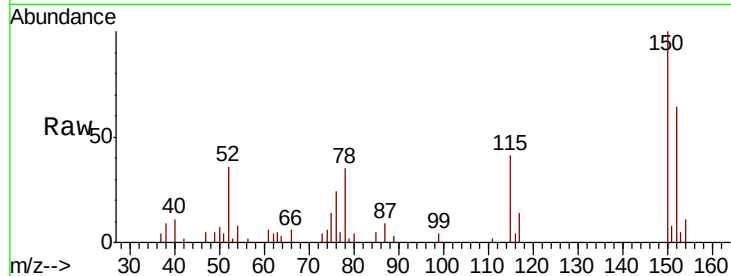


#1

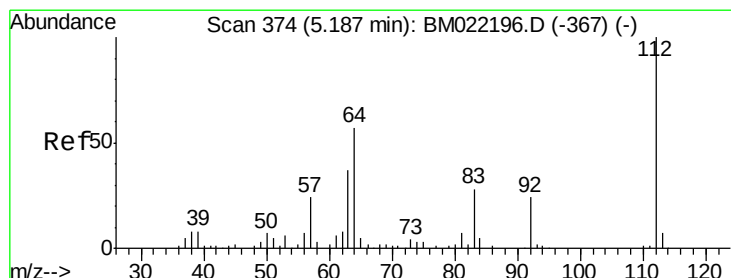
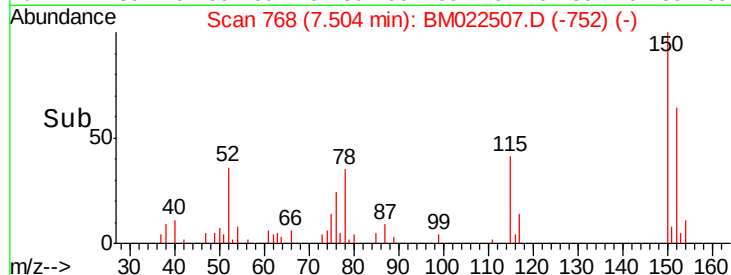
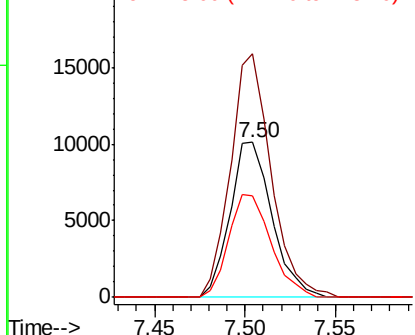
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM022507.D
Acq: 03 Sep 2019 17:43

Instrument :
BNA_M
ClientSampled :
TW-4

Tot Ion:152 Resp: 16302
Ion Ratio Lower Upper
152 100
150 157.3 125.4 188.0
115 65.2 50.3 75.5



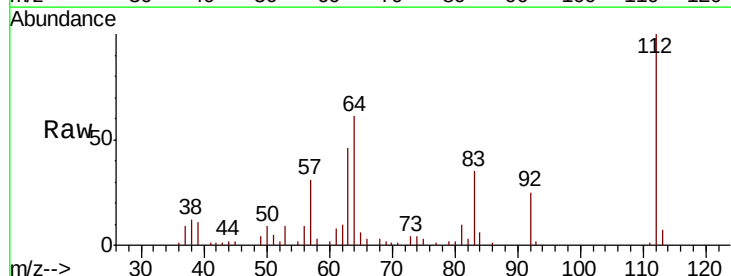
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



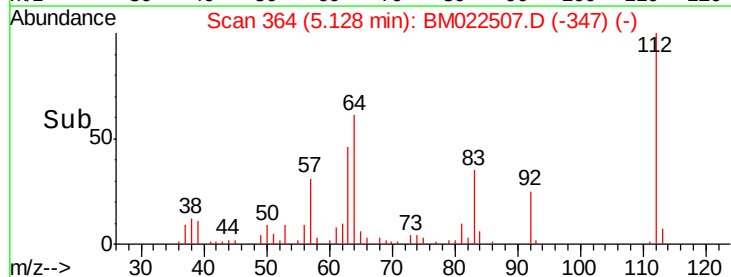
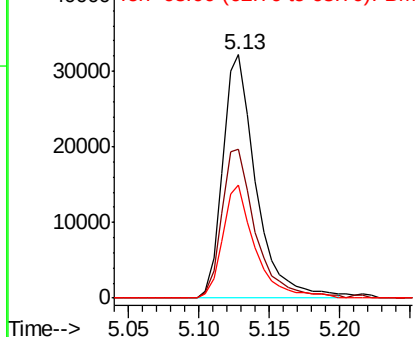
#5

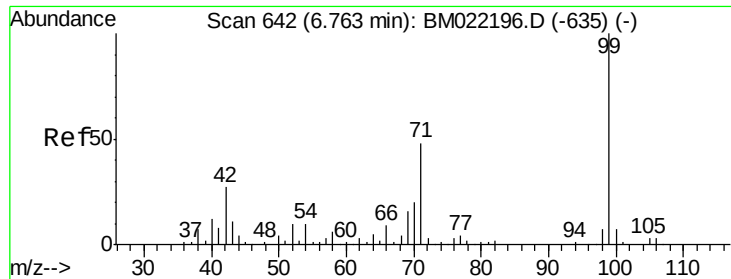
2-Fluorophenol
Concen: 56.931 ng
RT: 5.13 min Scan# 364
Delta R.T. -0.00 min
Lab File: BM022507.D
Acq: 03 Sep 2019 17:43

Tgt Ion:112 Resp: 52873
Ion Ratio Lower Upper
112 100
64 61.1 45.4 68.2
63 46.3 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: 31.887 ng

RT: 6.70 min Scan# 632

Delta R.T. -0.01 min

Lab File: BM022507.D

Acq: 03 Sep 2019 17:43

Instrument :

BNA_M

ClientSampled :

TW-4

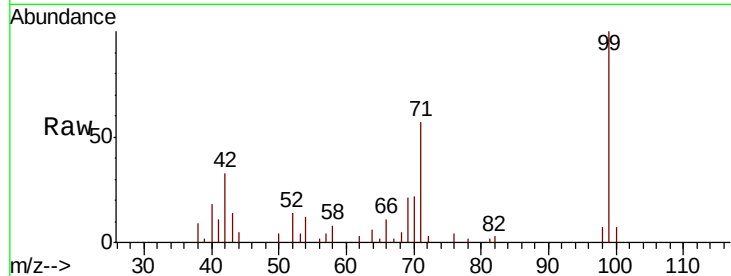
Tot Ion: 99 Resp: 39601

Ion Ratio Lower Upper

99 100

42 32.9 26.3 39.5

71 57.2 46.6 69.8

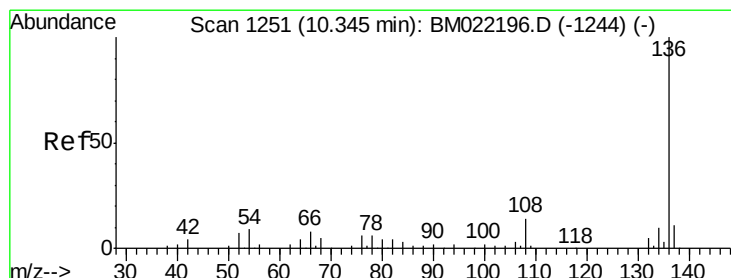
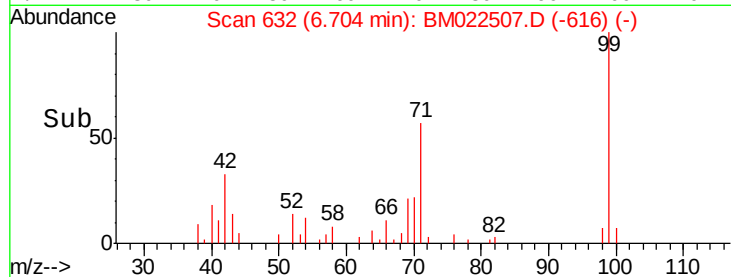
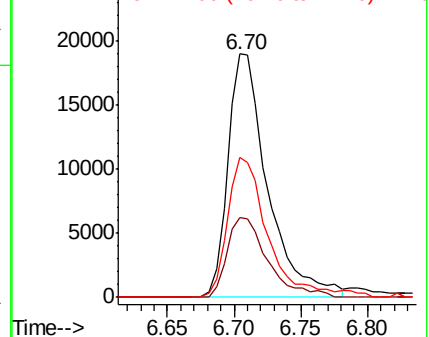


Abundance

Ion 99.00 (98.70 to 99.70): BM022196.D (-635) (-)

Ion 42.00 (41.70 to 42.70): BM022196.D (-635) (-)

Ion 71.00 (70.70 to 71.70): BM022196.D (-635) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1241

Delta R.T. 0.01 min

Lab File: BM022507.D

Acq: 03 Sep 2019 17:43

Tgt Ion: 136 Resp: 55074

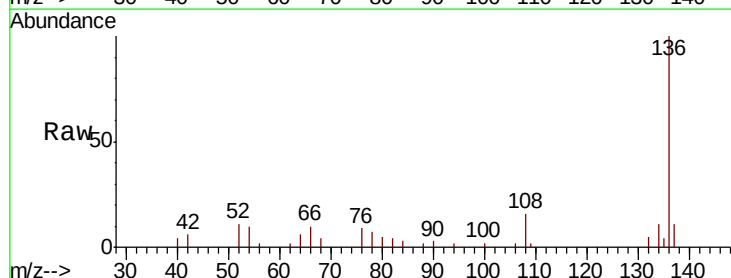
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 10.0 7.0 10.6

68 3.6 2.9 4.3



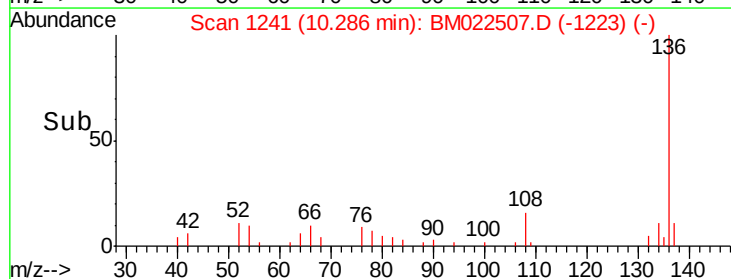
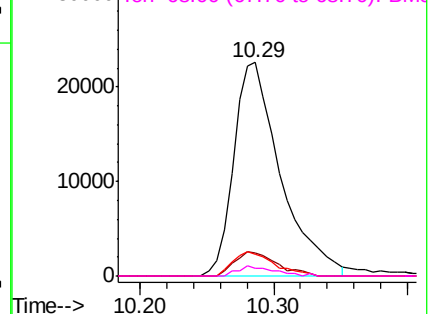
Abundance

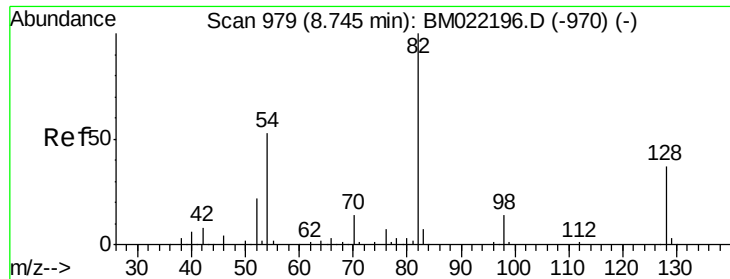
Ion 136.00 (135.70 to 136.70): BM022196.D (-1244) (-)

Ion 137.00 (136.70 to 137.70): BM022196.D (-1244) (-)

Ion 54.00 (53.70 to 54.70): BM022196.D (-1244) (-)

Ion 68.00 (67.70 to 68.70): BM022196.D (-1244) (-)

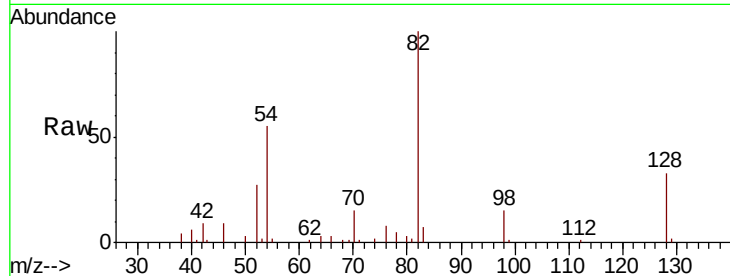




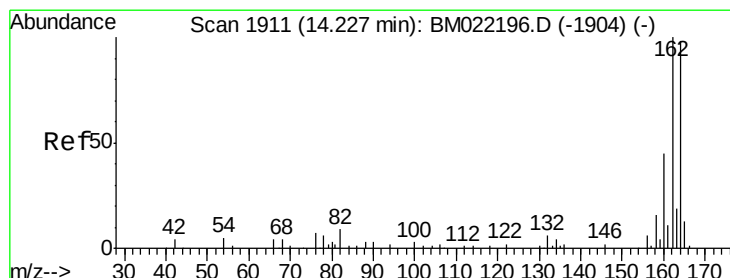
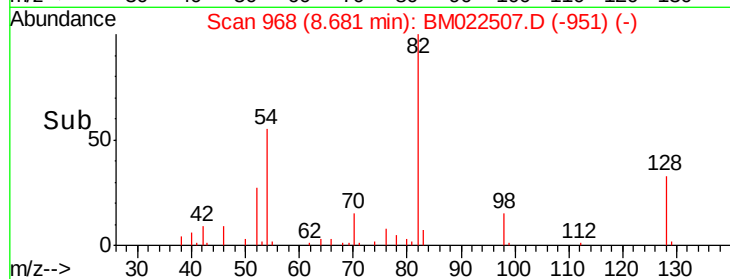
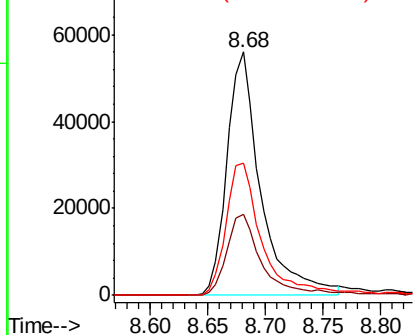
#23
Nitrobenzene-d5
Concen: 90.870 ng
RT: 8.68 min Scan# 968
Delta R.T. -0.00 min
Lab File: BM022507.D
Acq: 03 Sep 2019 17:43

Instrument :
BNA_M
ClientSampleId :
TW-4

Tot Ion: 82 Resp: 114259
Ion Ratio Lower Upper
82 100
128 33.4 27.9 41.9
54 54.6 45.2 67.8

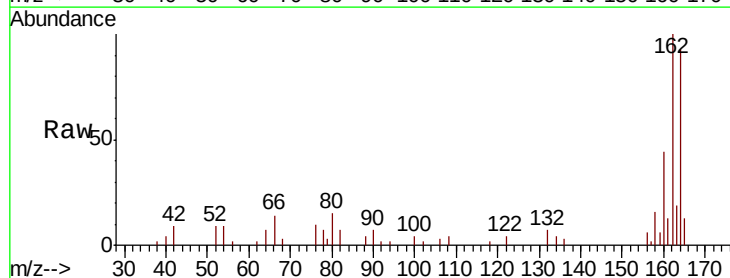


Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM

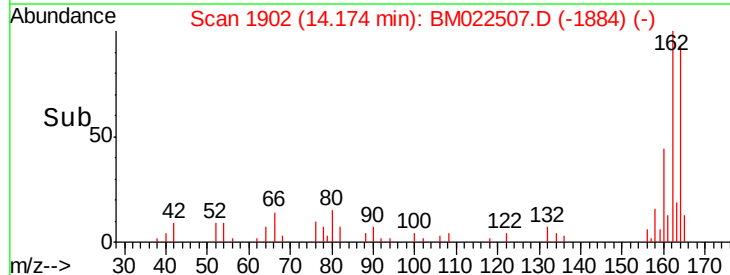
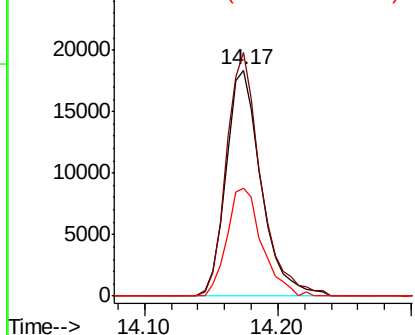


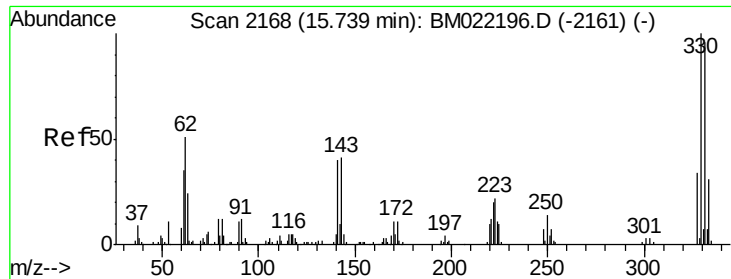
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.17 min Scan# 1902
Delta R.T. 0.01 min
Lab File: BM022507.D
Acq: 03 Sep 2019 17:43

Tgt Ion:164 Resp: 33772
Ion Ratio Lower Upper
164 100
162 107.8 80.6 121.0
160 47.9 37.3 55.9



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

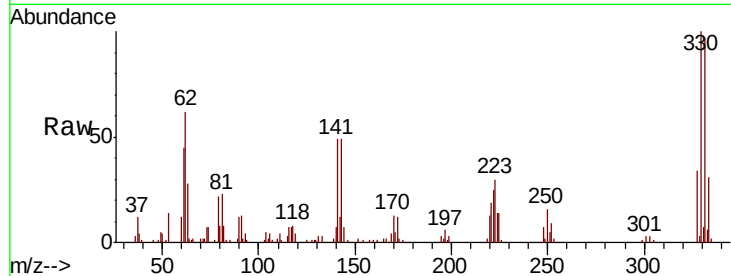




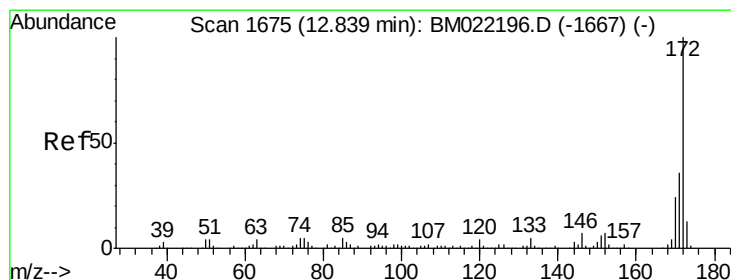
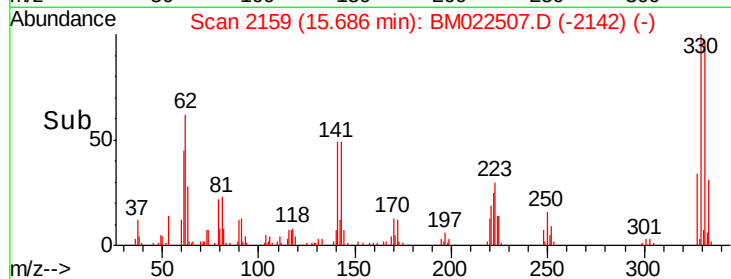
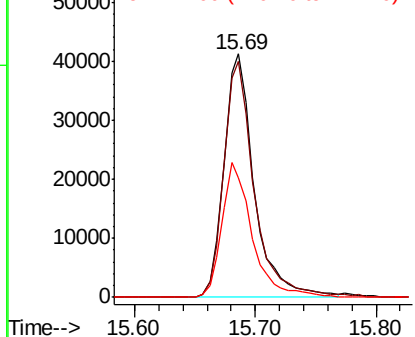
#42
 2,4,6-Tribromophenol
 Concen: 103.990 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BM022507.D
 Acq: 03 Sep 2019 17:43

Instrument :
 BNA_M
 ClientSampled :
 TW-4

Tot Ion:330 Resp: 71864
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.8 116.8
 141 55.3 35.6 53.4#

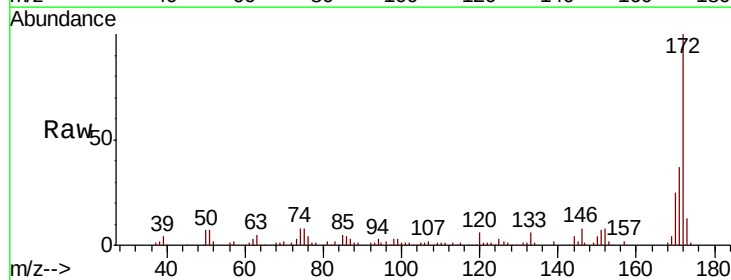


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

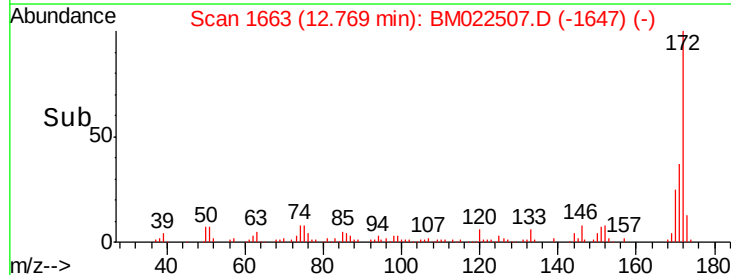
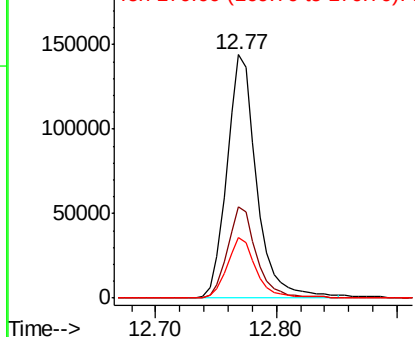


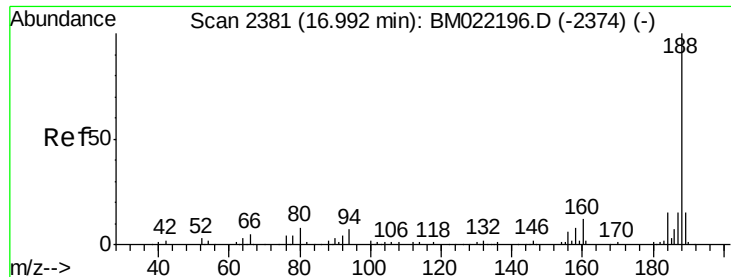
#45
 2-Fluorobiphenyl
 Concen: 82.685 ng
 RT: 12.77 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: BM022507.D
 Acq: 03 Sep 2019 17:43

Tgt Ion:172 Resp: 246498
 Ion Ratio Lower Upper
 172 100
 171 37.4 28.5 42.7
 170 24.8 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

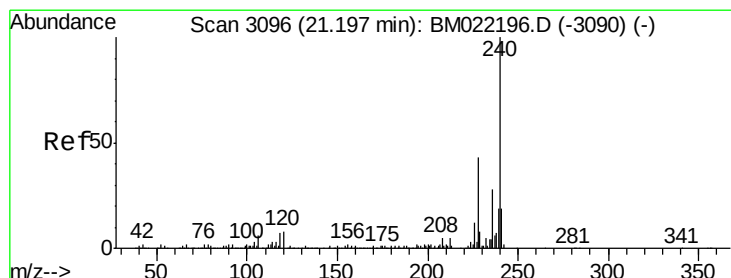
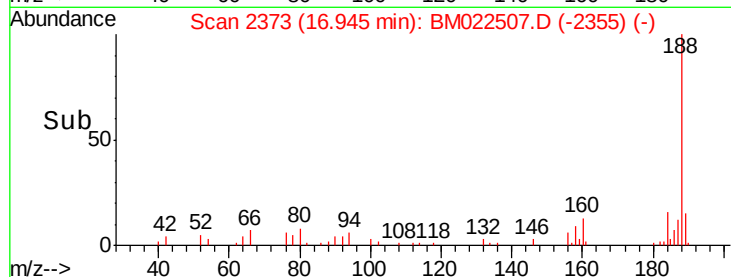
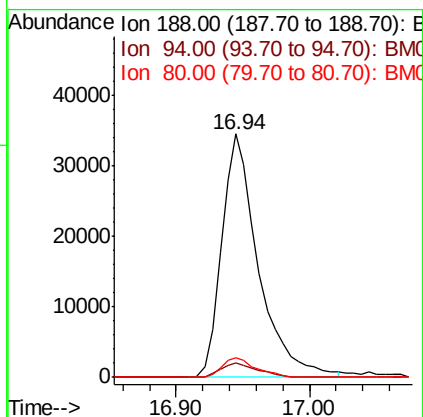
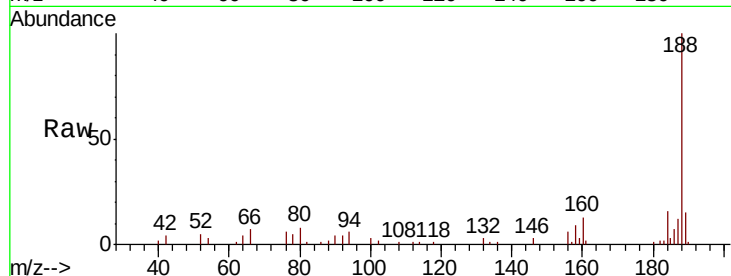




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. 0.01 min
Lab File: BM022507.D
Acq: 03 Sep 2019 17:43

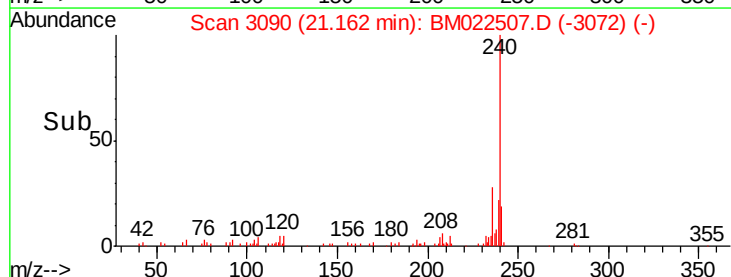
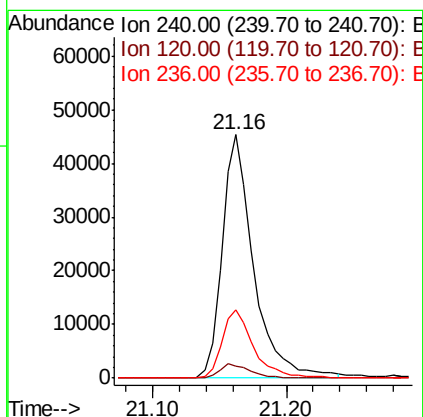
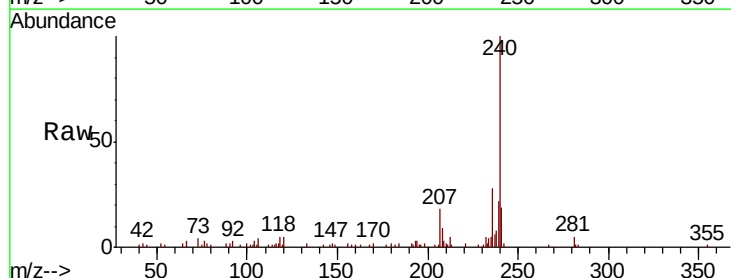
Instrument :
BNA_M
ClientSampleId :
TW-4

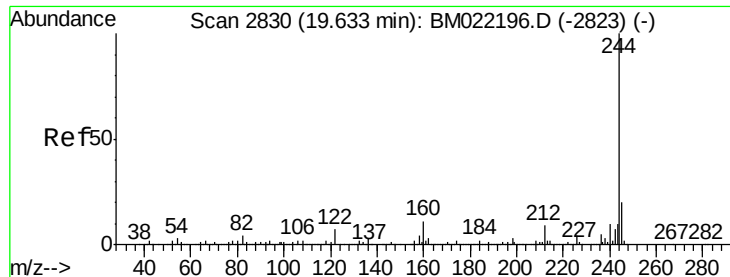
Tot Ion:188 Resp: 66089
Ion Ratio Lower Upper
188 100
94 6.1 4.4 6.6
80 8.0 5.0 7.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. 0.01 min
Lab File: BM022507.D
Acq: 03 Sep 2019 17:43

Tgt Ion:240 Resp: 74747
Ion Ratio Lower Upper
240 100
120 5.0 3.9 5.9
236 27.9 21.4 32.2

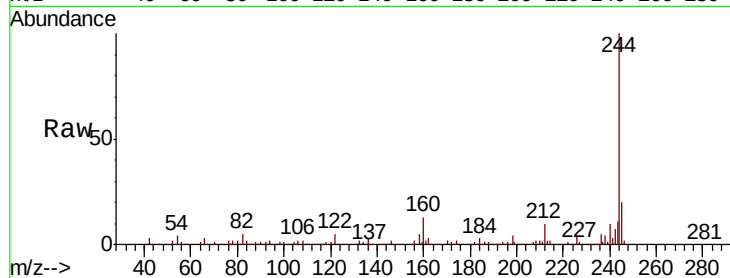




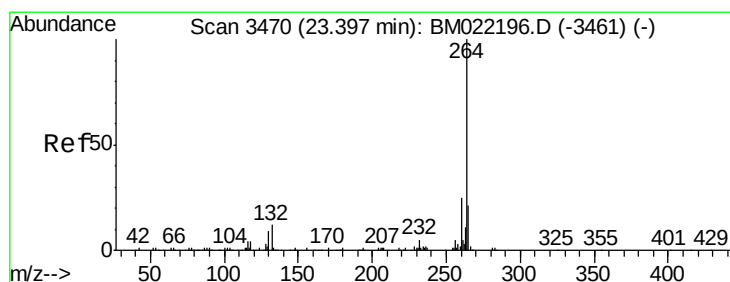
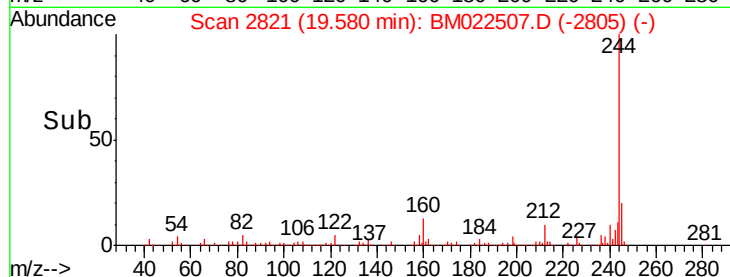
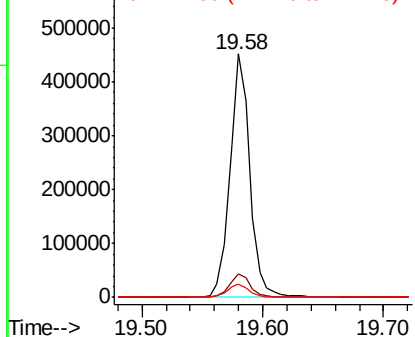
#79
 Terphenyl-d14
 Concen: 91.525 ng
 RT: 19.58 min Scan# 2821
 Delta R.T. -0.01 min
 Lab File: BM022507.D
 Acq: 03 Sep 2019 17:43

Instrument :
 BNA_M
 ClientSampleId :
 TW-4

Tot Ion:	244	Resp:	518375
Ion	Ratio	Lower	Upper
244	100		
212	9.7	7.0	10.4
122	5.5	3.9	5.9

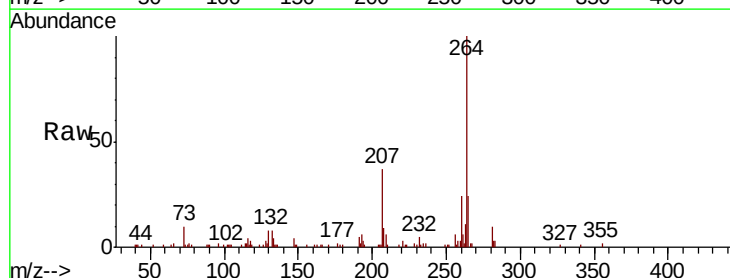


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.34 min Scan# 3461
 Delta R.T. -0.00 min
 Lab File: BM022507.D
 Acq: 03 Sep 2019 17:43

Tgt Ion:	264	Resp:	97048
Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.2	30.2
265	23.8	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

