

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
 Data File : BM022503.D
 Acq On : 03 Sep 2019 15:16
 Operator : HP/JU
 Sample : K4555-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TW-13

Quant Time: Sep 04 02:18:26 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	15731	20.00	ng	0.00
21) Naphthalene-d8	10.28	136	52507	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	31557	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	62399	20.00	ng	0.00
76) Chrysene-d12	21.16	240	72177	20.00	ng	0.00
87) Perylene-d12	23.34	264	90233	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	55346	61.76	ng	0.00
7) Phenol-d6	6.70	99	39320	32.81	ng	0.00
23) Nitrobenzene-d5	8.67	82	121468	101.33	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	77645	120.24	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	261081	93.72	ng	0.00
79) Terphenyl-d14	19.58	244	529070	96.74	ng	0.00

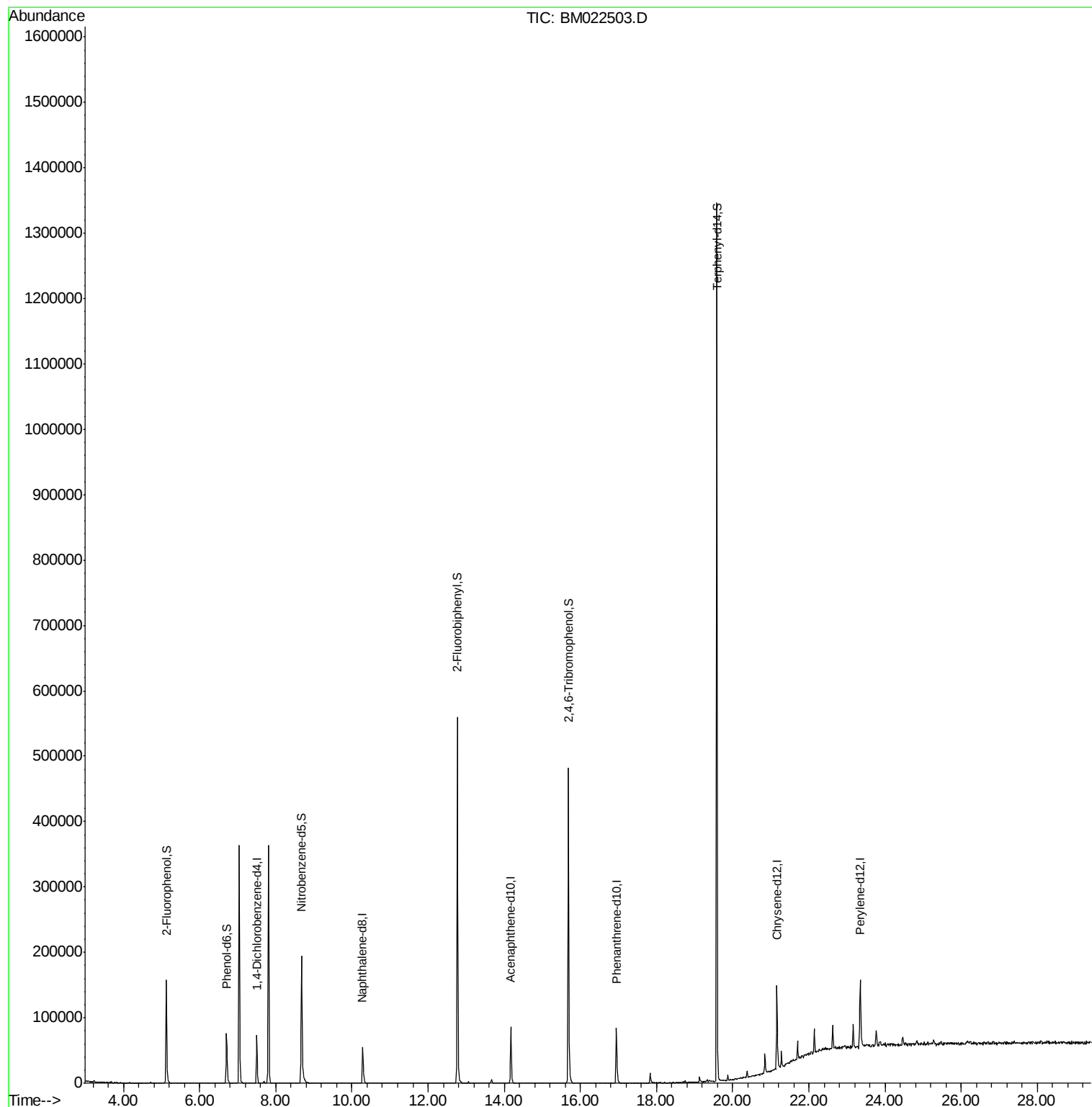
Target Compounds Qvalue

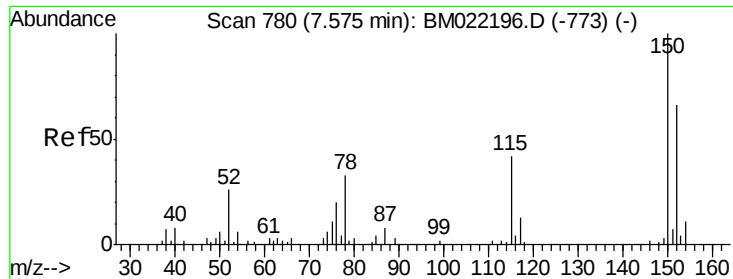
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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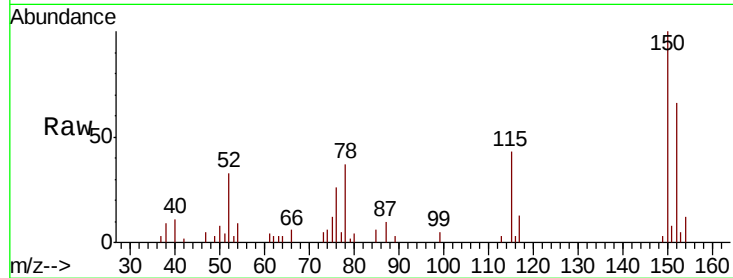


#1

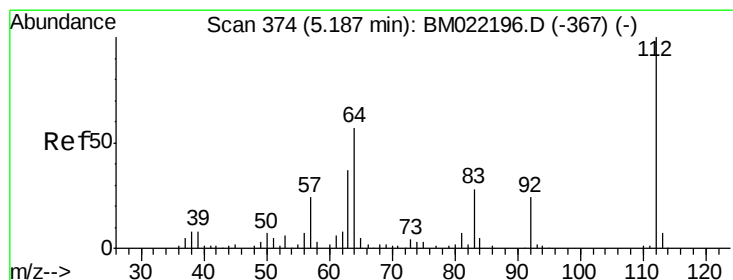
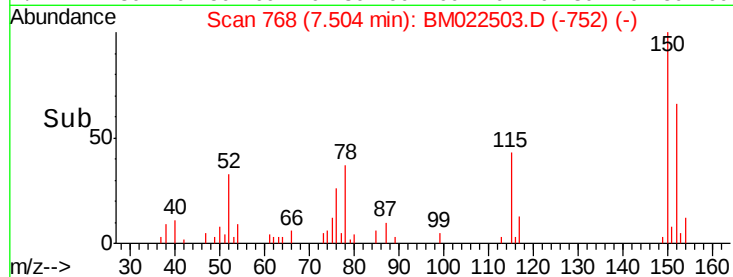
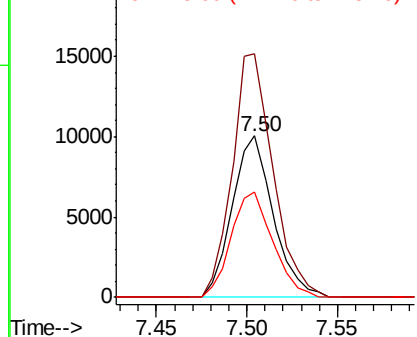
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM022503.D
Acq: 03 Sep 2019 15:16

Instrument :
BNA_M
ClientSampleId :
TW-13

Tot Ion:152 Resp: 15731
Ion Ratio Lower Upper
152 100
150 150.9 125.4 188.0
115 65.6 50.3 75.5



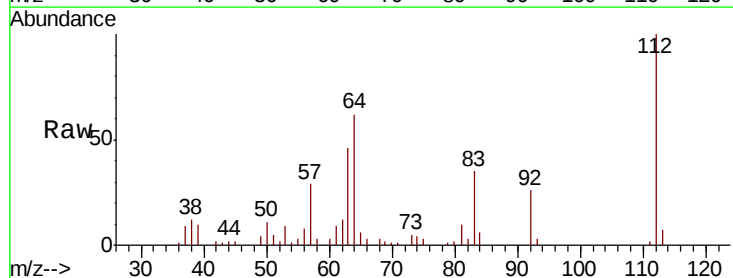
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



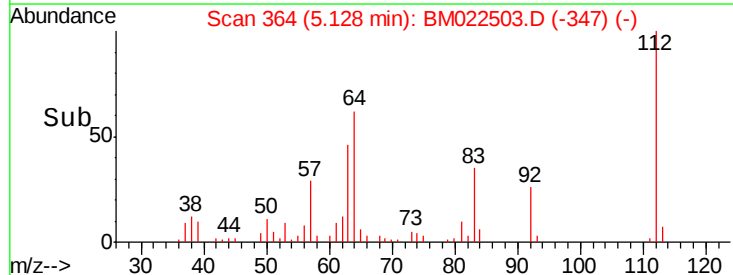
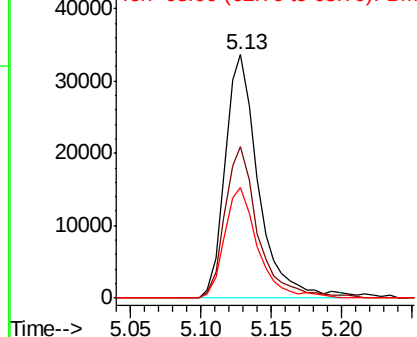
#5

2-Fluorophenol
Concen: 61.757 ng
RT: 5.13 min Scan# 364
Delta R.T. -0.00 min
Lab File: BM022503.D
Acq: 03 Sep 2019 15:16

Tgt Ion:112 Resp: 55346
Ion Ratio Lower Upper
112 100
64 62.3 45.4 68.2
63 45.5 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: 32.809 ng

RT: 6.70 min Scan# 632

Delta R.T. -0.01 min

Lab File: BM022503.D

Acq: 03 Sep 2019 15:16

Instrument :

BNA_M

ClientSampled :

TW-13

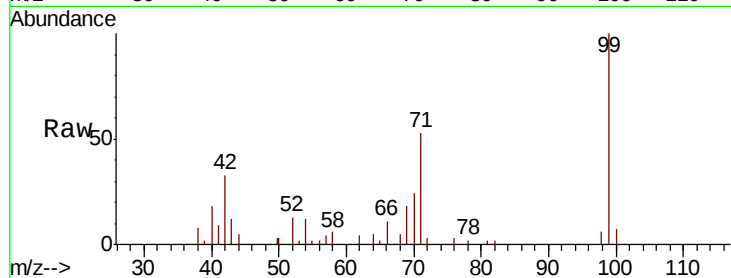
Tot Ion: 99 Resp: 39320

Ion Ratio Lower Upper

99 100

42 33.5 26.3 39.5

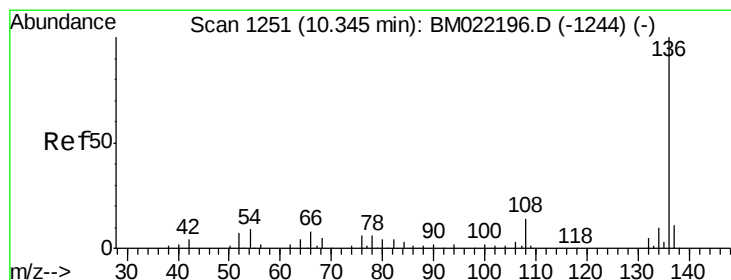
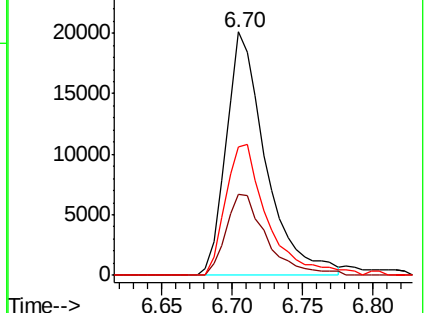
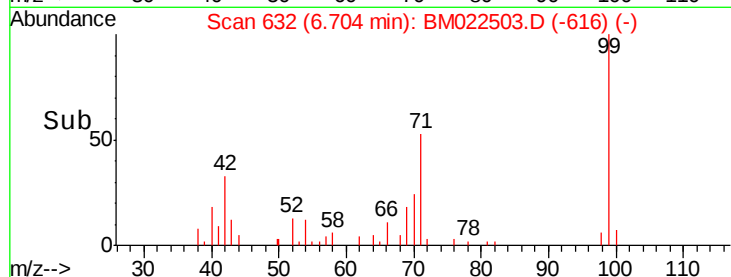
71 52.7 46.6 69.8



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: 10.28 min Scan# 1240

Delta R.T. -0.00 min

Lab File: BM022503.D

Acq: 03 Sep 2019 15:16

Tgt Ion: 136 Resp: 52507

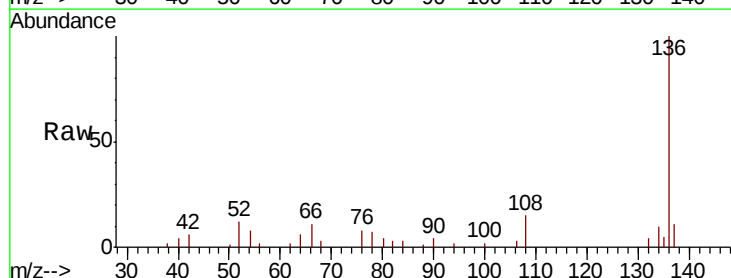
Ion Ratio Lower Upper

136 100

137 11.4 8.6 13.0

54 8.2 7.0 10.6

68 3.2 2.9 4.3

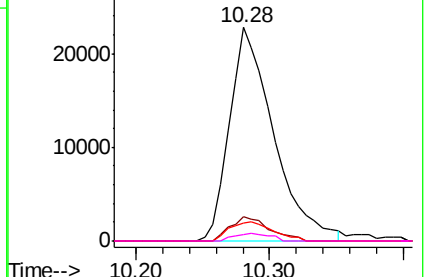
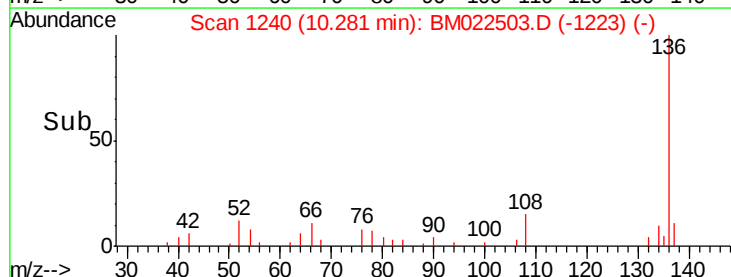


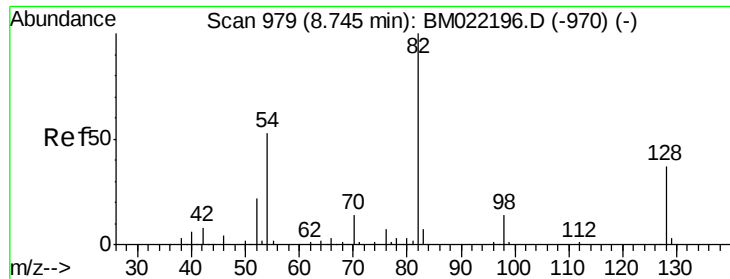
Abundance Ion 136.00 (135.70 to 136.70): BM022196.D (-1244) (-)

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) (-)

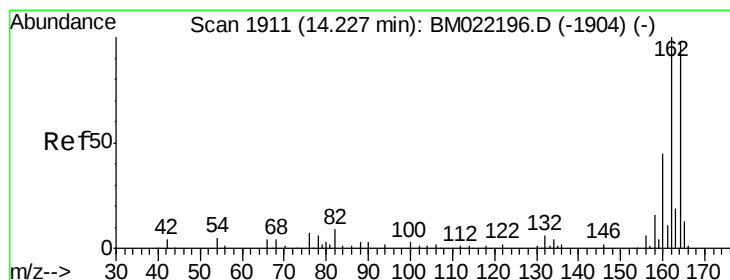
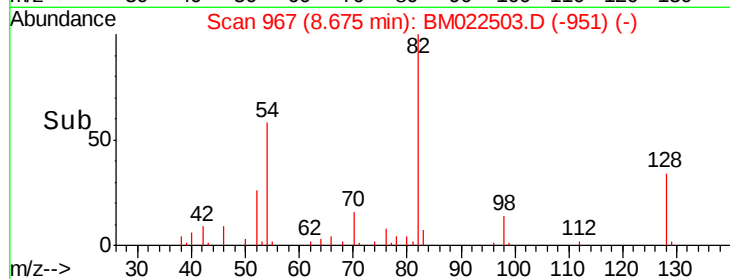
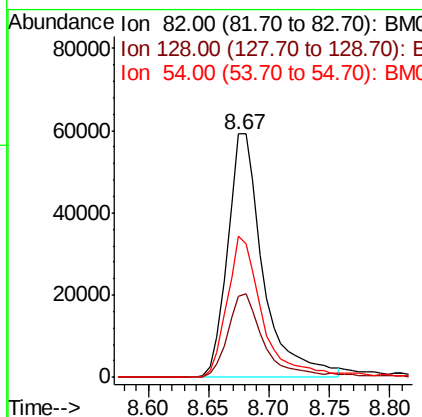
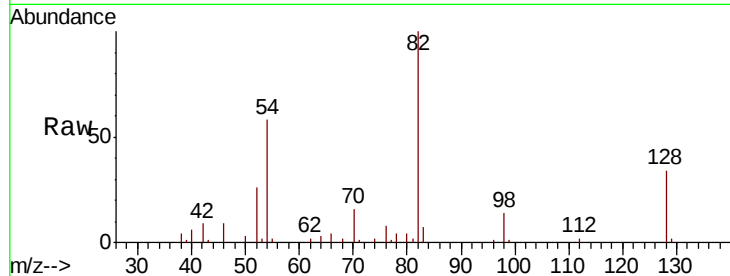




#23
 Nitrobenzene-d5
 Concen: 101.326 ng
 RT: 8.67 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BM022503.D
 Acq: 03 Sep 2019 15:16

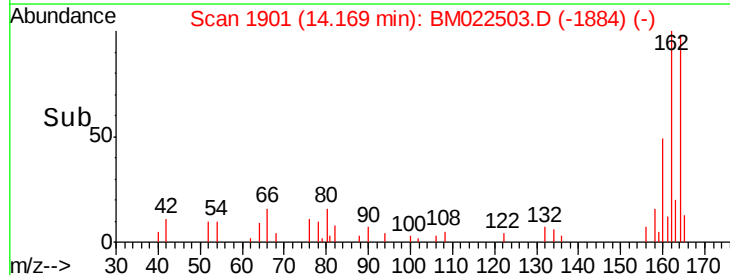
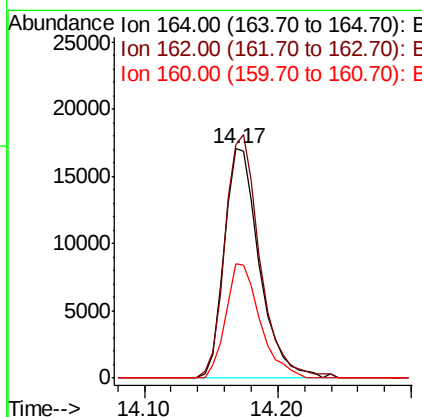
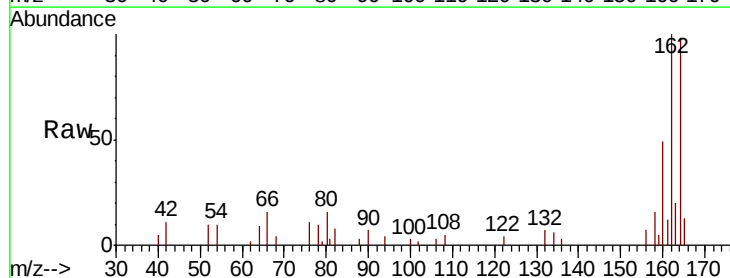
Instrument :
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 TW-13

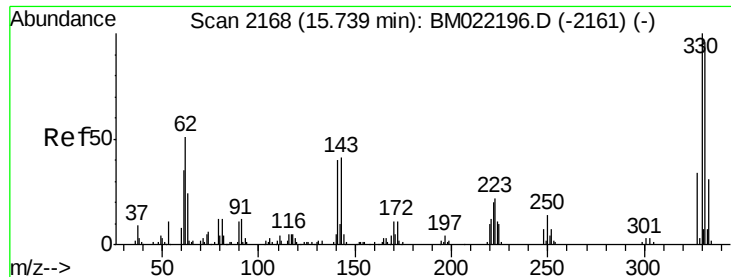
Tot Ion	82	Resp	121468
Ion Ratio	100	Lower	Upper
128	33.5	27.9	41.9
54	58.2	45.2	67.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.17 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: BM022503.D
 Acq: 03 Sep 2019 15:16

Tgt Ion	164	Resp	31557
Ion Ratio	100	Lower	Upper
162	101.6	80.6	121.0
160	49.9	37.3	55.9

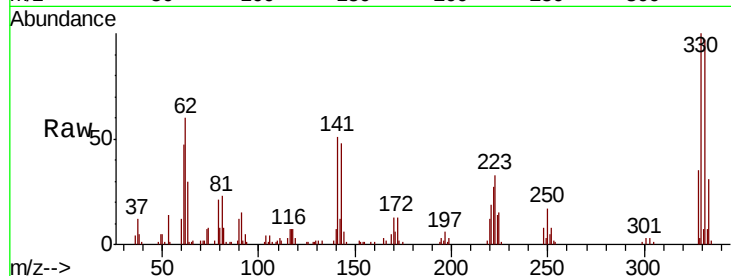




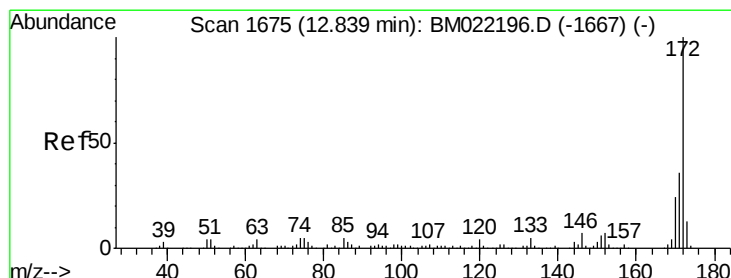
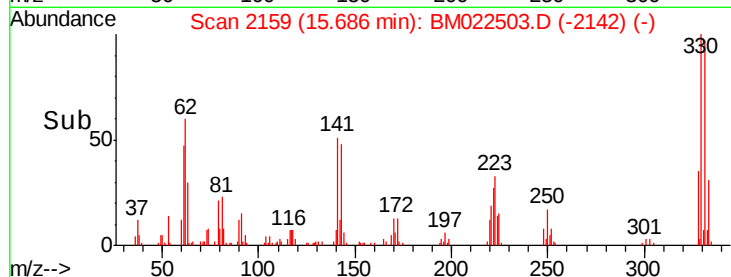
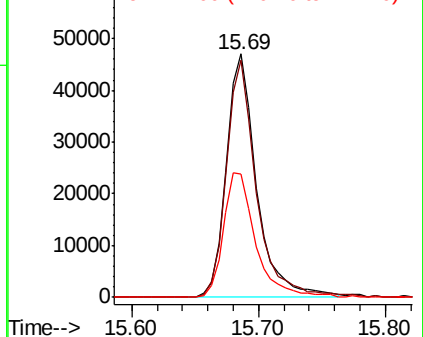
#42
 2,4,6-Tribromophenol
 Concen: 120.241 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BM022503.D
 Acq: 03 Sep 2019 15:16

Instrument :
 BNA_M
 ClientSampleId :
 TW-13

Tot Ion:330 Resp: 77645
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.8 116.8
 141 54.2 35.6 53.4#

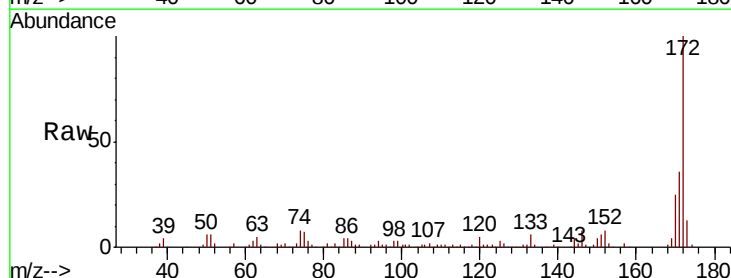


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

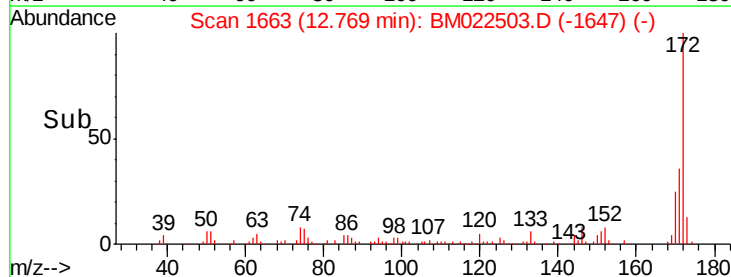
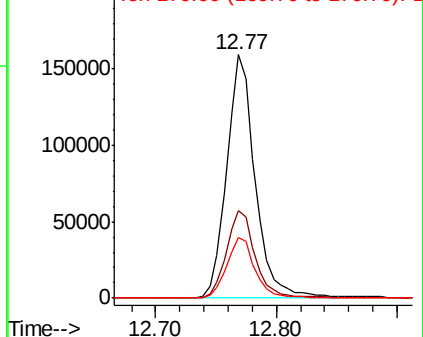


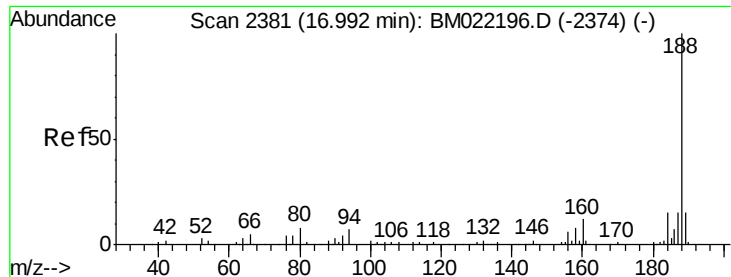
#45
 2-Fluorobiphenyl
 Concen: 93.724 ng
 RT: 12.77 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: BM022503.D
 Acq: 03 Sep 2019 15:16

Tgt Ion:172 Resp: 261081
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.5 42.7
 170 24.9 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

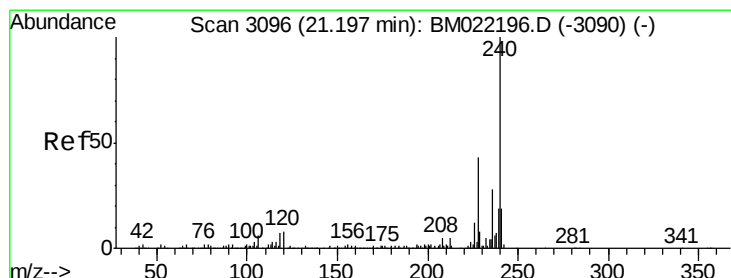
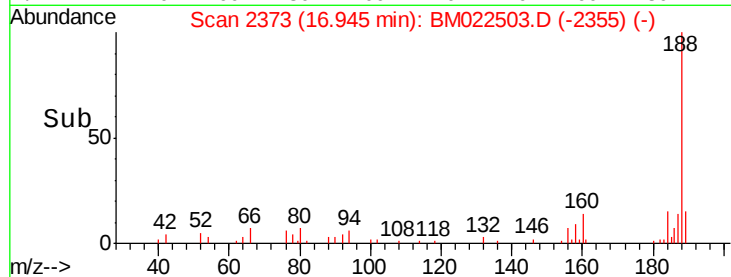
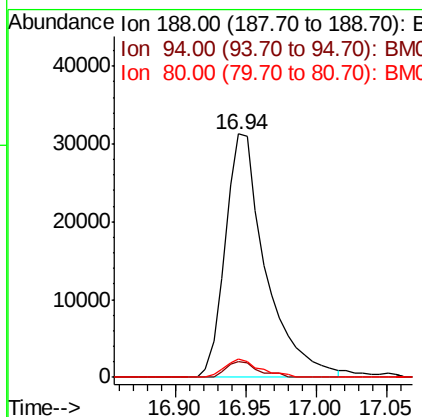
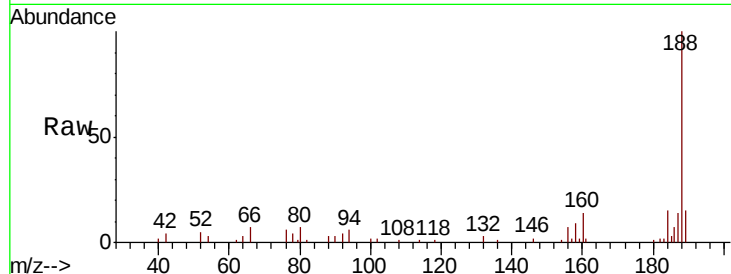




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. 0.01 min
Lab File: BM022503.D
Acq: 03 Sep 2019 15:16

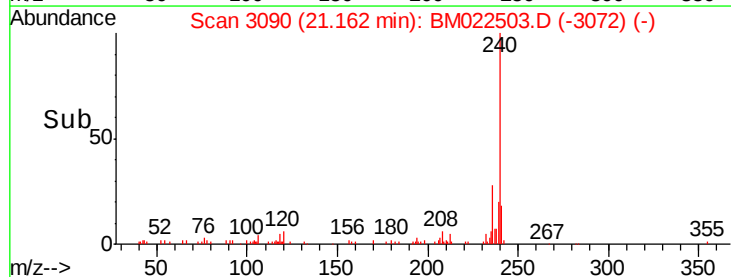
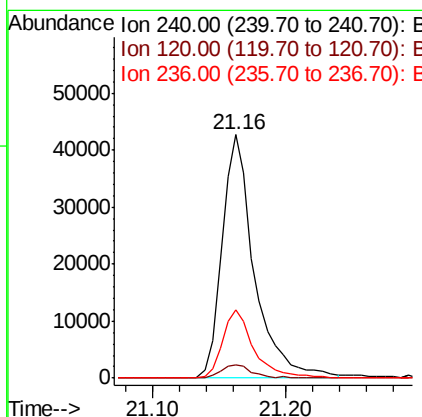
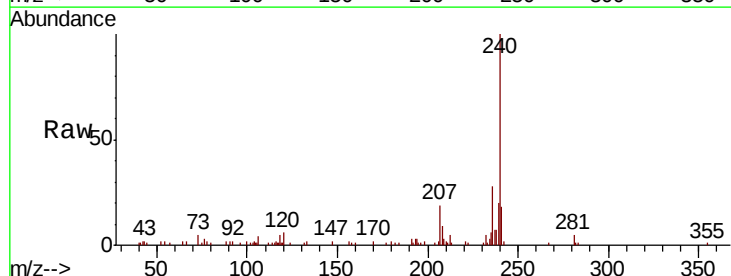
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ClientSampleId :
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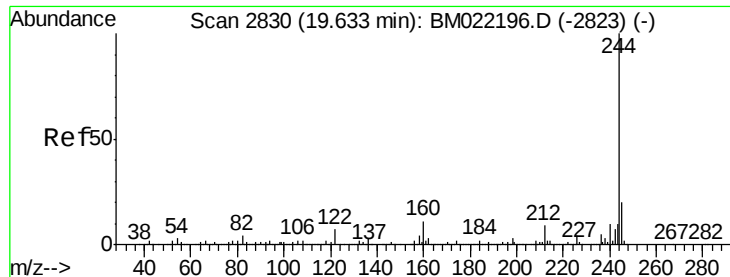
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.2	4.4	6.6
80	7.4	5.0	7.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. 0.01 min
Lab File: BM022503.D
Acq: 03 Sep 2019 15:16

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.7	3.9	5.9
236	27.8	21.4	32.2





#79

Terphenyl-d14

Concen: 96.740 ng

RT: 19.58 min Scan# 2821

Delta R.T. -0.01 min

Lab File: BM022503.D

Acq: 03 Sep 2019 15:16

Instrument :

BNA_M

ClientSampleId :

TW-13

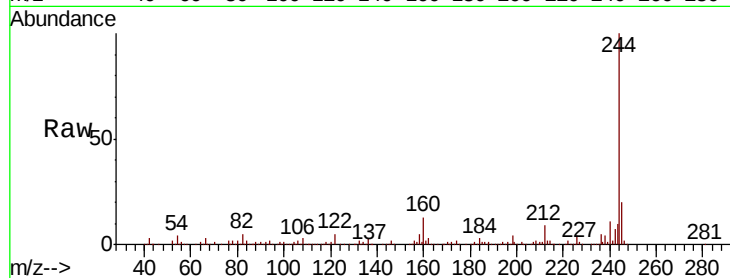
Tot Ion:244 Resp: 529070

Ion Ratio Lower Upper

244 100

212 9.3 7.0 10.4

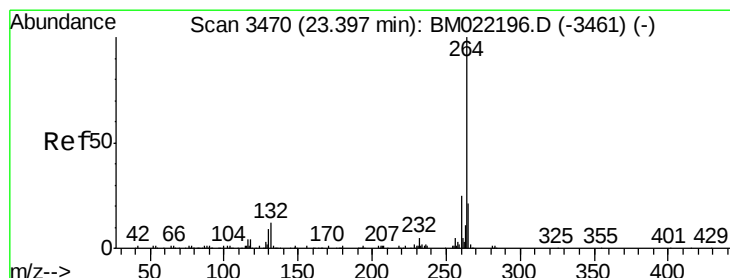
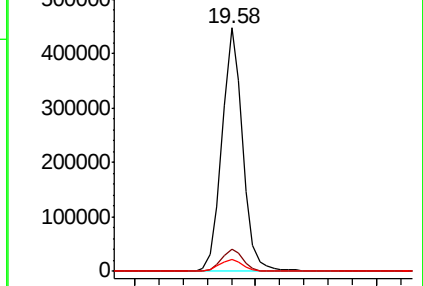
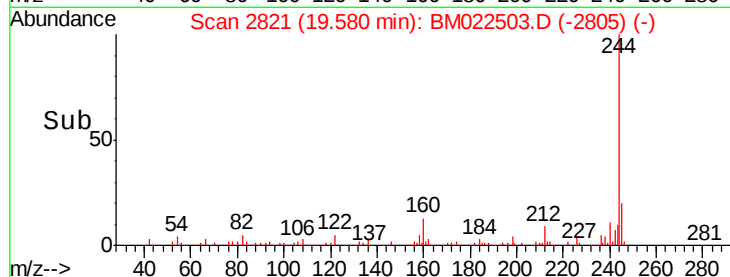
122 5.2 3.9 5.9



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: BM022503.D

Acq: 03 Sep 2019 15:16

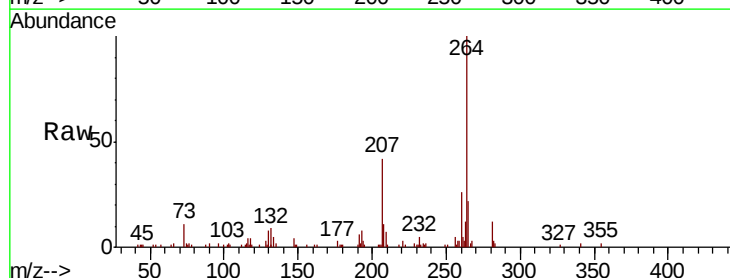
Tgt Ion:264 Resp: 90233

Ion Ratio Lower Upper

264 100

260 26.0 20.2 30.2

265 21.7 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

