

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
 Data File : BM022510.D
 Acq On : 03 Sep 2019 19:33
 Operator : HP/JU
 Sample : K4555-22
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TW-12

Quant Time: Sep 04 02:28:46 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

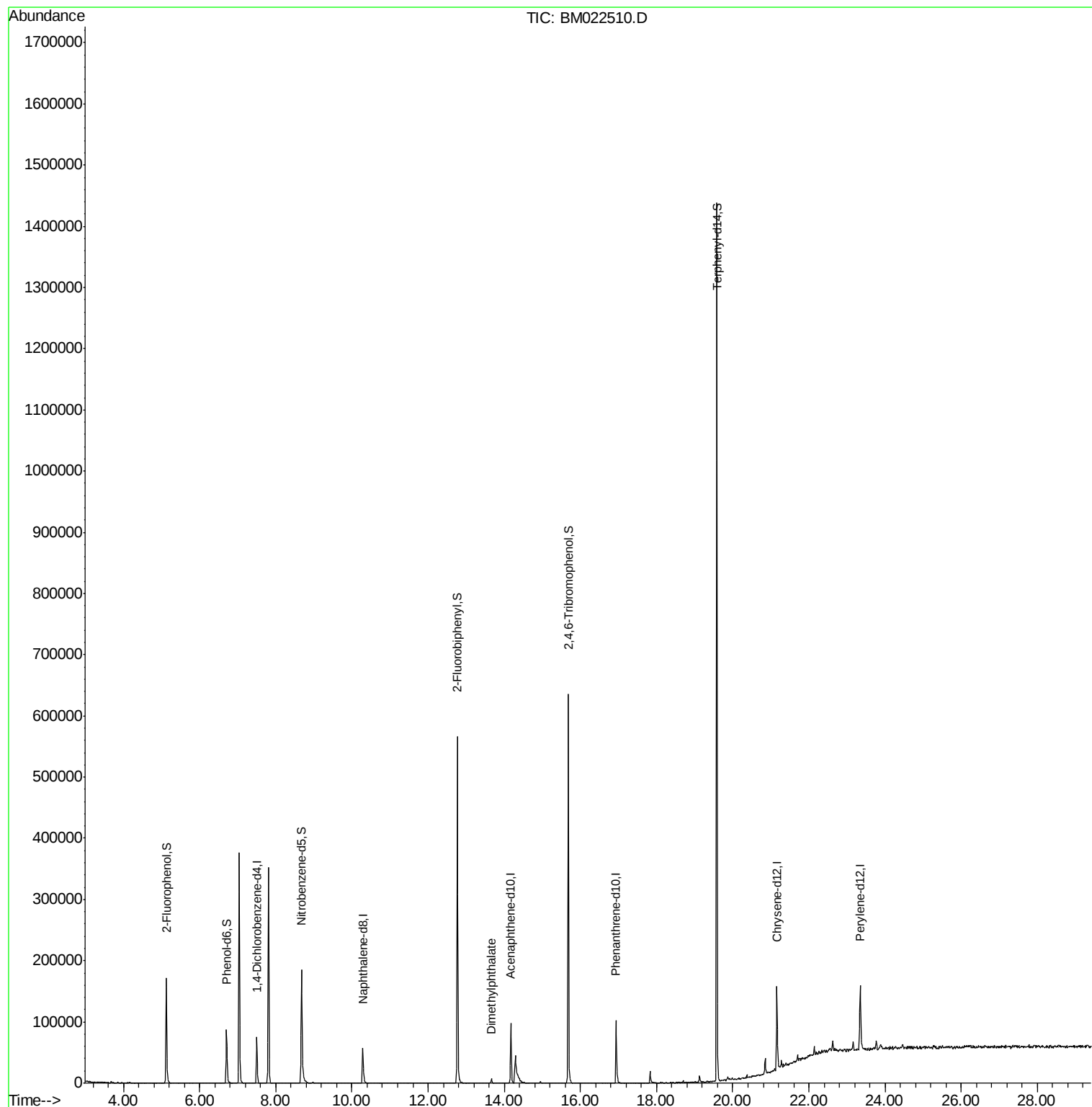
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	16184	20.00	ng	0.00
21) Naphthalene-d8	10.28	136	55123	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	33507	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	68711	20.00	ng	0.00
76) Chrysene-d12	21.16	240	74230	20.00	ng	0.00
87) Perylene-d12	23.34	264	92212	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	59250	64.26	ng	0.00
7) Phenol-d6	6.70	99	44905	36.42	ng	0.00
23) Nitrobenzene-d5	8.68	82	121384	96.45	ng	0.00
42) 2,4,6-Tribromophenol	15.68	330	83383	121.61	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	259367	87.69	ng	0.00
79) Terphenyl-d14	19.58	244	540230	96.05	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.66	163	6588	2.261	ng	Qvalue # 77

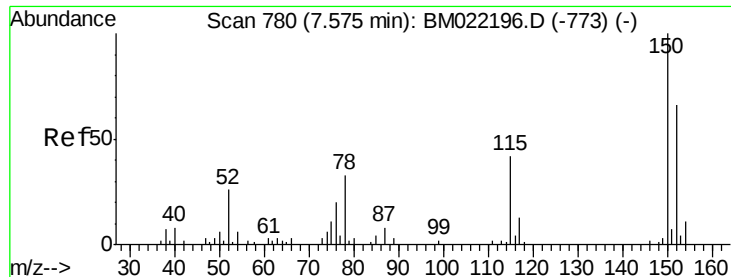
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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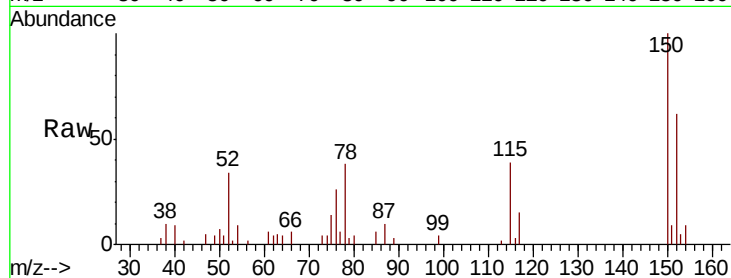


#1

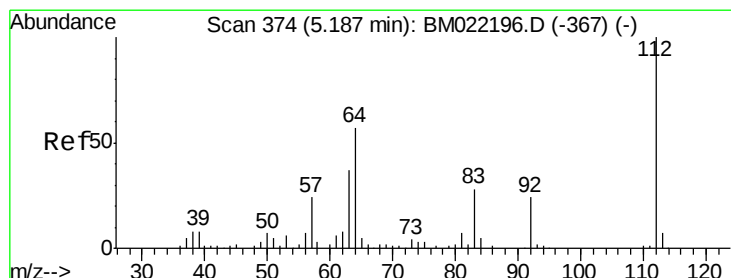
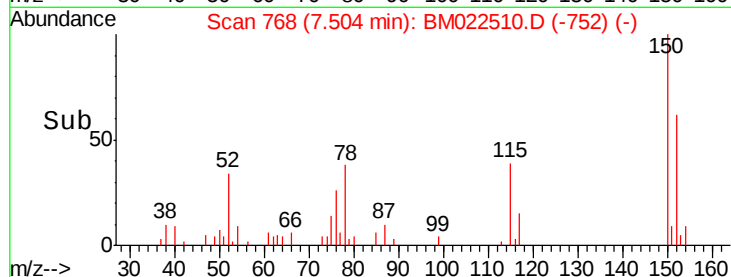
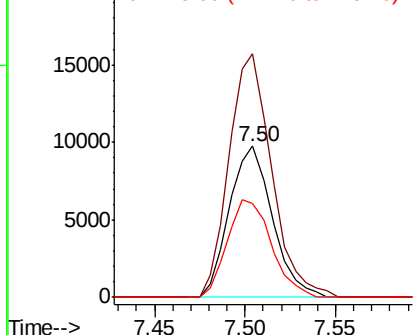
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM022510.D
Acq: 03 Sep 2019 19:33

Instrument :
BNA_M
ClientSampleId :
TW-12

Tot Ion:152 Resp: 16184
Ion Ratio Lower Upper
152 100
150 160.9 125.4 188.0
115 62.3 50.3 75.5



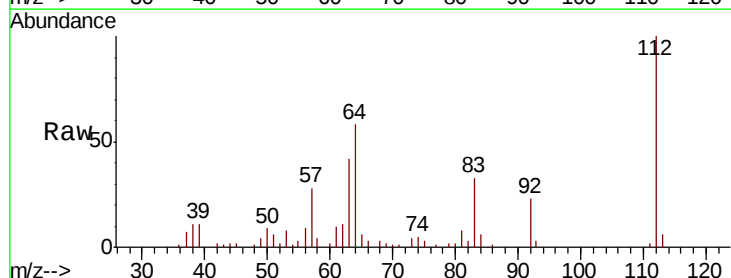
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



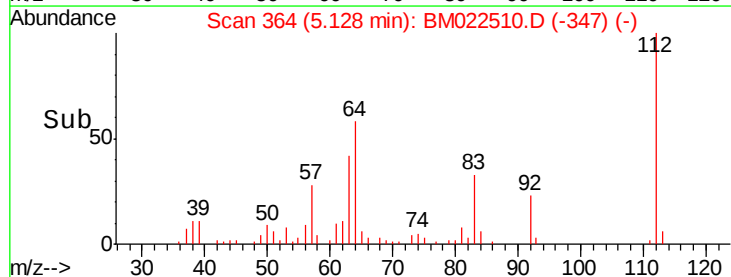
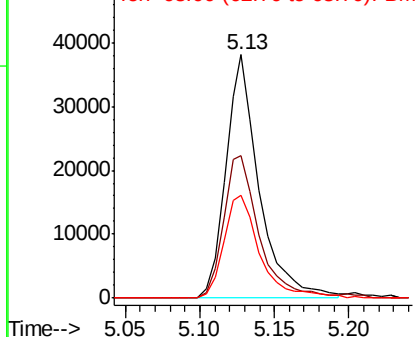
#5

2-Fluorophenol
Concen: 64.263 ng
RT: 5.13 min Scan# 364
Delta R.T. -0.00 min
Lab File: BM022510.D
Acq: 03 Sep 2019 19:33

Tgt Ion:112 Resp: 59250
Ion Ratio Lower Upper
112 100
64 58.5 45.4 68.2
63 42.1 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: 36.421 ng

RT: 6.70 min Scan# 632

Delta R.T. -0.01 min

Lab File: BM022510.D

Acq: 03 Sep 2019 19:33

Instrument :

BNA_M

ClientSampleId :

TW-12

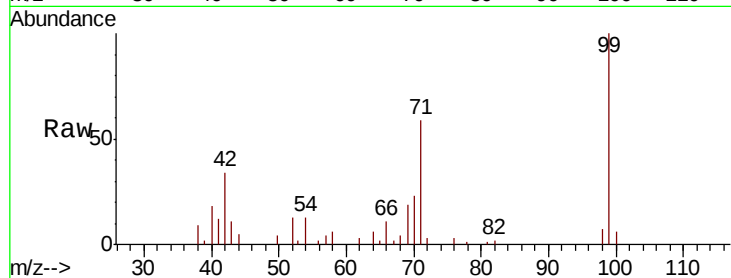
Tot Ion: 99 Resp: 44905

Ion Ratio Lower Upper

99 100

42 33.9 26.3 39.5

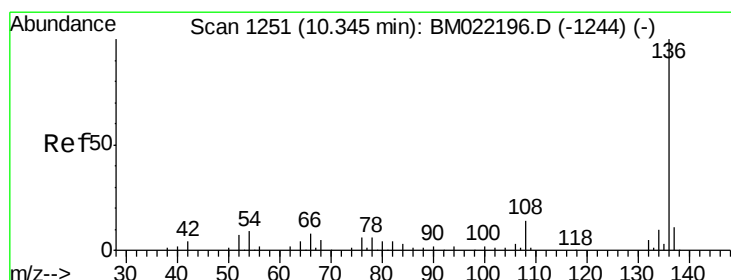
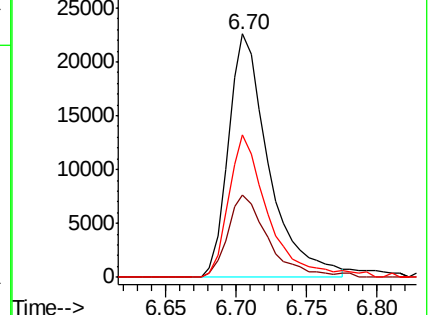
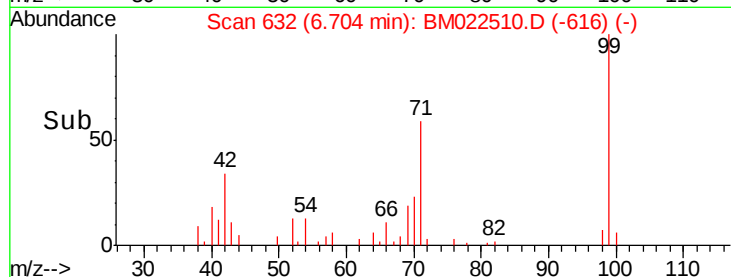
71 58.7 46.6 69.8



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: BM022510.D

Acq: 03 Sep 2019 19:33

Tgt Ion: 136 Resp: 55123

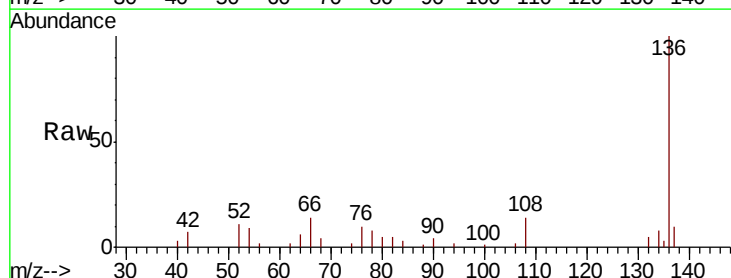
Ion Ratio Lower Upper

136 100

137 9.9 8.6 13.0

54 9.1 7.0 10.6

68 4.4 2.9 4.3#

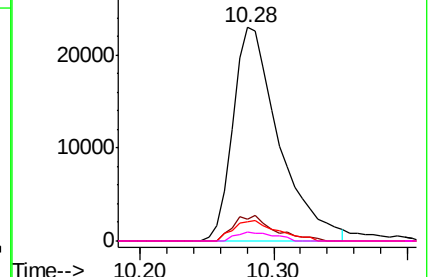
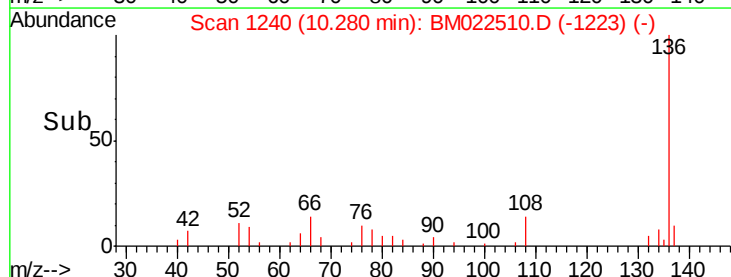


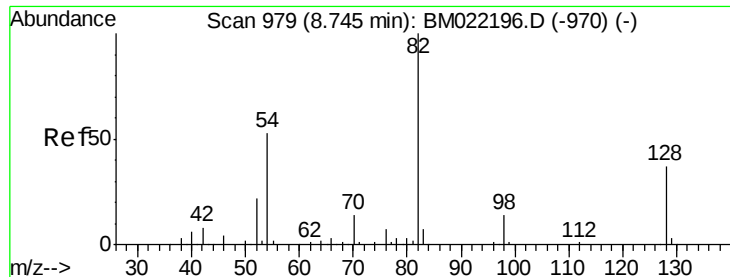
Abundance Ion 136.00 (135.70 to 136.70): BM022196.D (-1244) (-)

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) (-)

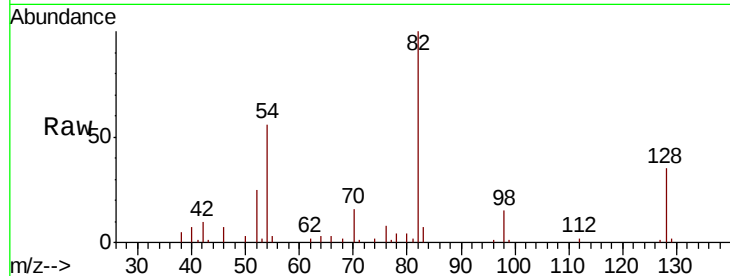




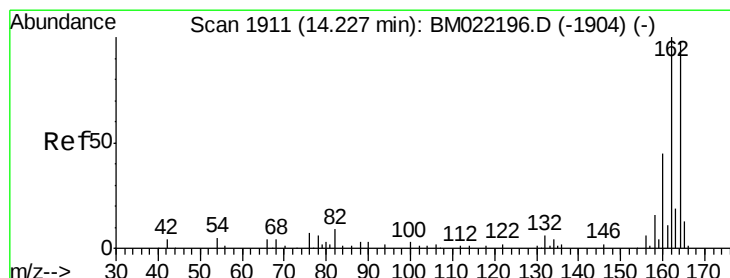
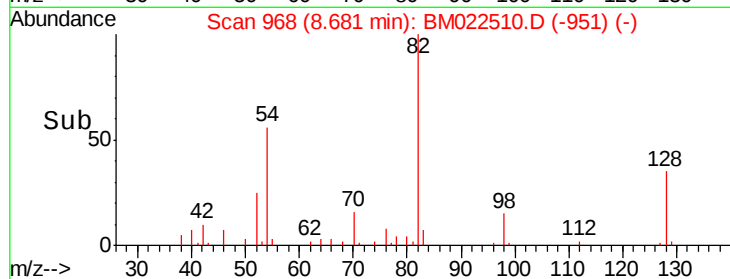
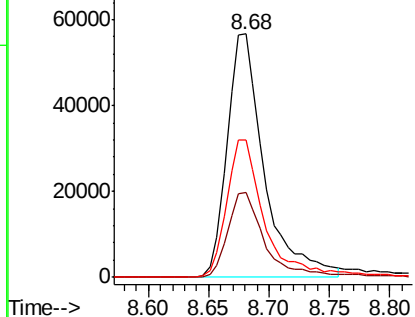
#23
Nitrobenzene-d5
Concen: 96.451 ng
RT: 8.68 min Scan# 968
Delta R.T. -0.00 min
Lab File: BM022510.D
Acq: 03 Sep 2019 19:33

Instrument :
BNA_M
ClientSampleID :
TW-12

Tot Ion: 82 Resp: 121384
Ion Ratio Lower Upper
82 100
128 34.8 27.9 41.9
54 56.3 45.2 67.8

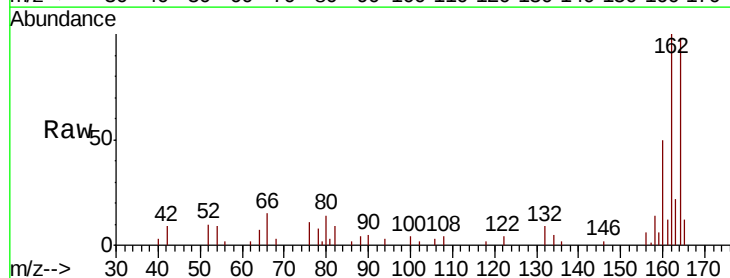


Abundance Ion 82.00 (81.70 to 82.70): BM022510.D (-951) (-)
Ion 128.00 (127.70 to 128.70): BM022510.D (-951) (-)
Ion 54.00 (53.70 to 54.70): BM022510.D (-951) (-)

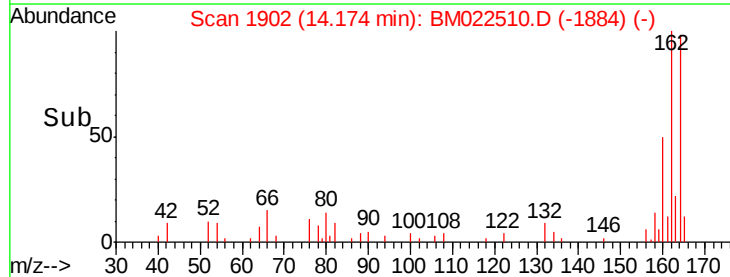
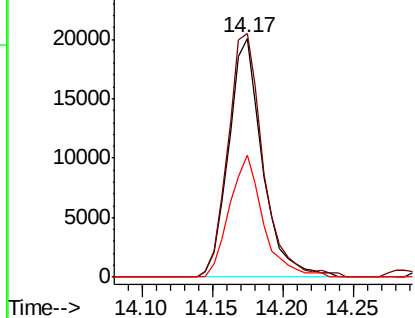


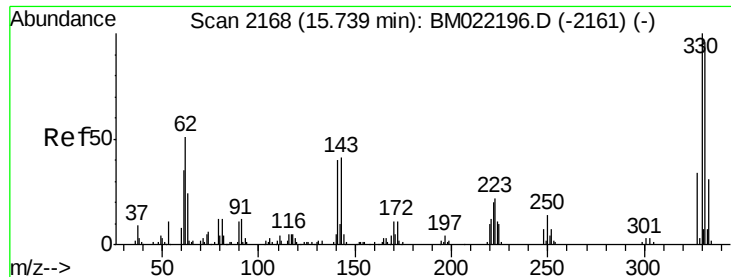
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.17 min Scan# 1902
Delta R.T. 0.01 min
Lab File: BM022510.D
Acq: 03 Sep 2019 19:33

Tgt Ion: 164 Resp: 33507
Ion Ratio Lower Upper
164 100
162 102.0 80.6 121.0
160 51.2 37.3 55.9



Abundance Ion 164.00 (163.70 to 164.70): BM022510.D (-1884) (-)
Ion 162.00 (161.70 to 162.70): BM022510.D (-1884) (-)
Ion 160.00 (159.70 to 160.70): BM022510.D (-1884) (-)





#42

2,4,6-Tribromophenol

Concen: 121.612 ng

RT: 15.68 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BM022510.D

Acq: 03 Sep 2019 19:33

Instrument :

BNA_M

ClientSampleId :

TW-12

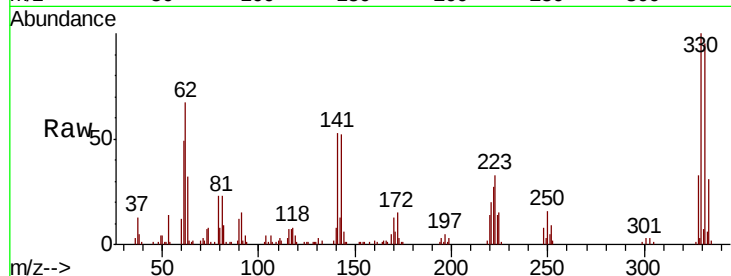
Tot Ion:330 Resp: 83383

Ion Ratio Lower Upper

330 100

332 97.2 77.8 116.8

141 55.1 35.6 53.4#

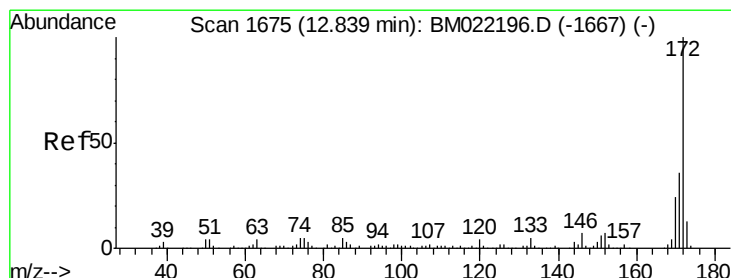
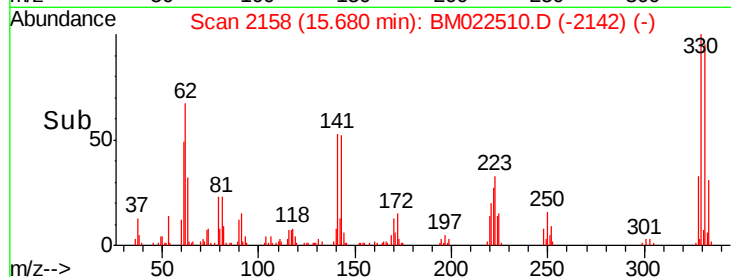
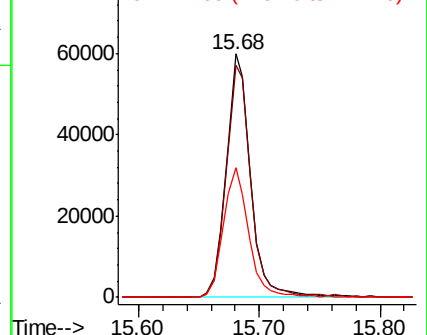


Abundance

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: 87.690 ng

RT: 12.77 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BM022510.D

Acq: 03 Sep 2019 19:33

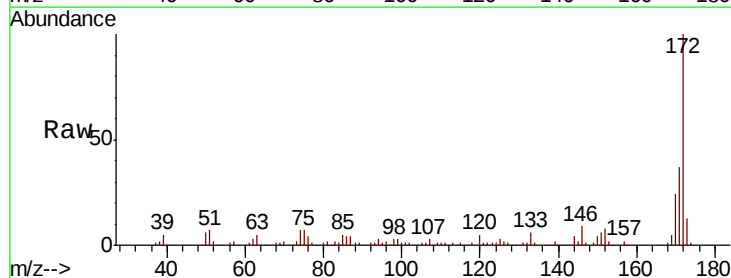
Tgt Ion:172 Resp: 259367

Ion Ratio Lower Upper

172 100

171 36.9 28.5 42.7

170 23.8 18.9 28.3

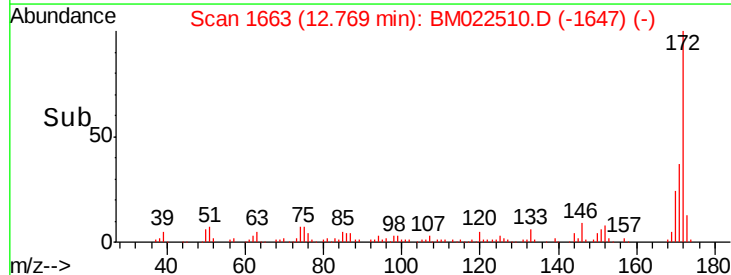
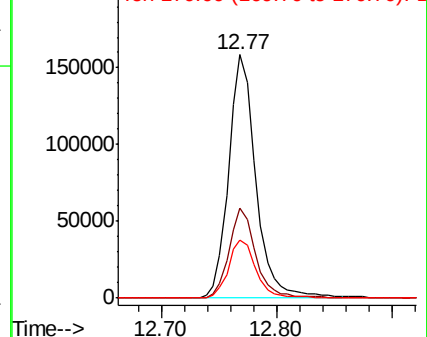


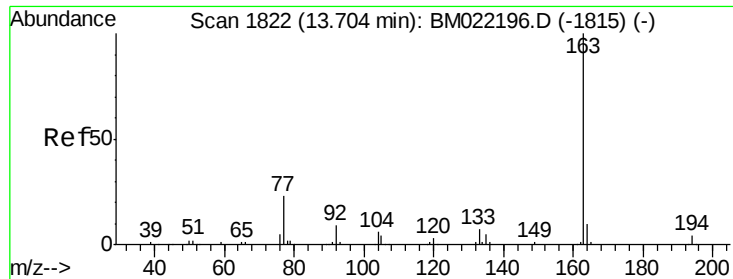
Abundance

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





#50

Dimethylphthalate

Concen: 2.261 ng

RT: 13.66 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BM022510.D

Acq: 03 Sep 2019 19:33

Instrument :

BNA_M

ClientSampleId :

TW-12

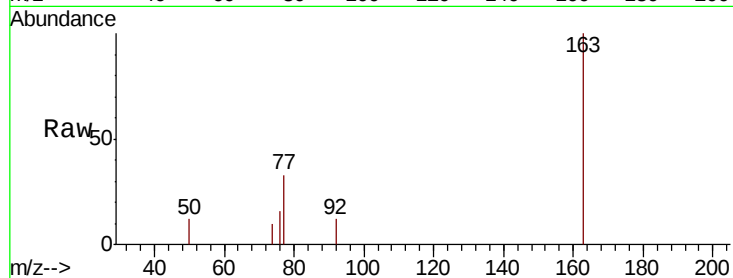
Tot Ion:163 Resp: 6588

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

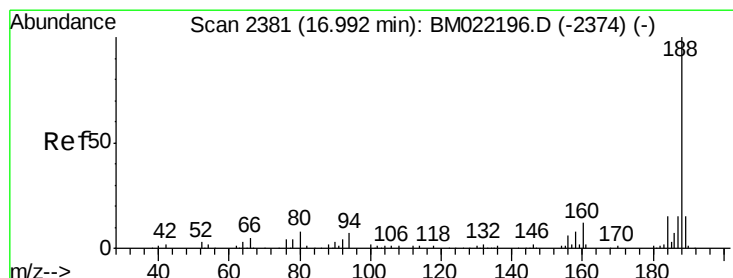
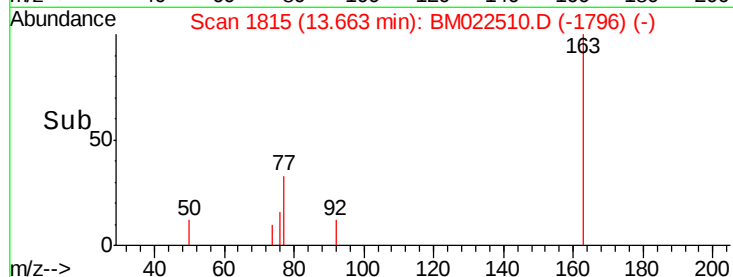
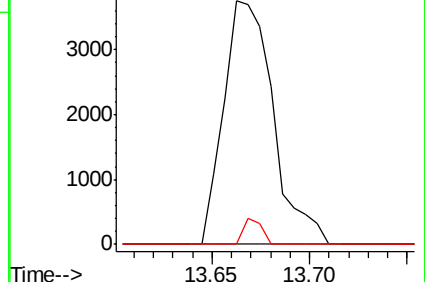
164 0.0 8.2 12.2#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.94 min Scan# 2372

Delta R.T. -0.00 min

Lab File: BM022510.D

Acq: 03 Sep 2019 19:33

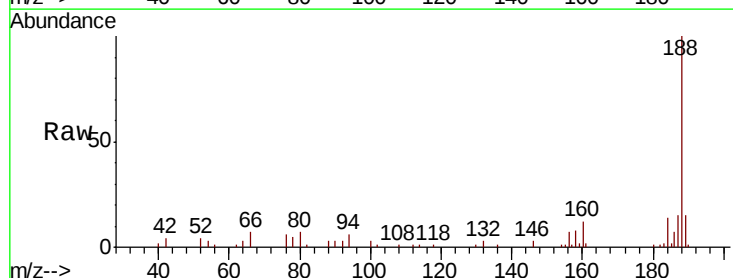
Tgt Ion:188 Resp: 68711

Ion Ratio Lower Upper

188 100

94 5.9 4.4 6.6

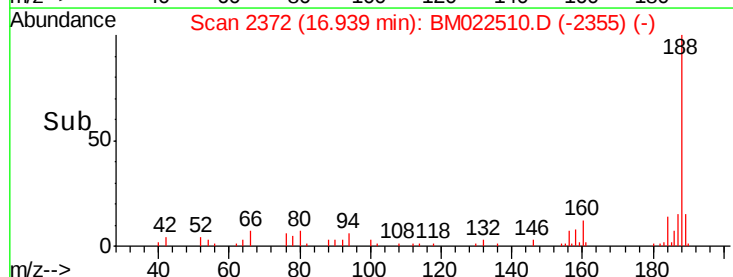
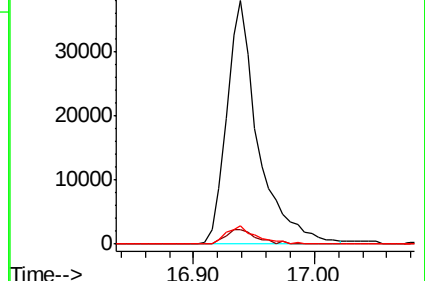
80 7.4 5.0 7.6

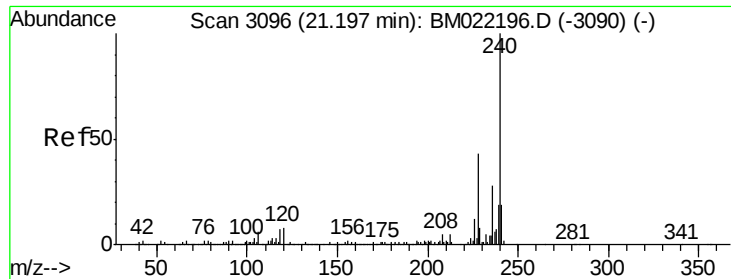


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

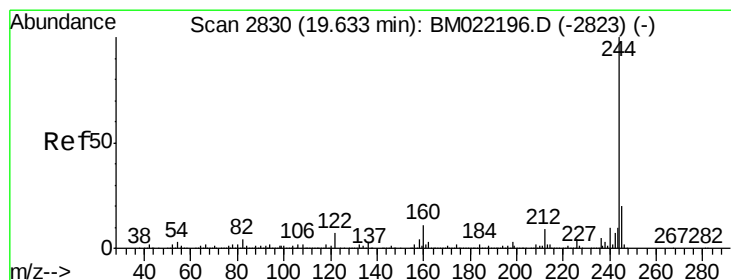
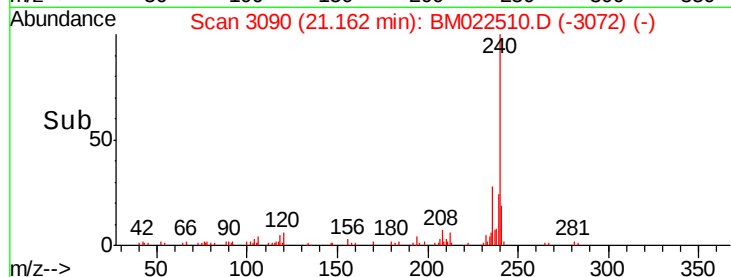
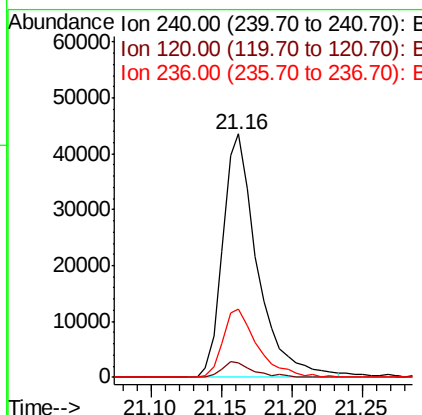
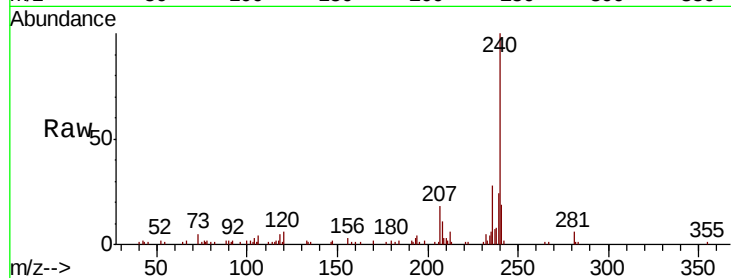




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. 0.01 min
Lab File: BM022510.D
Acq: 03 Sep 2019 19:33

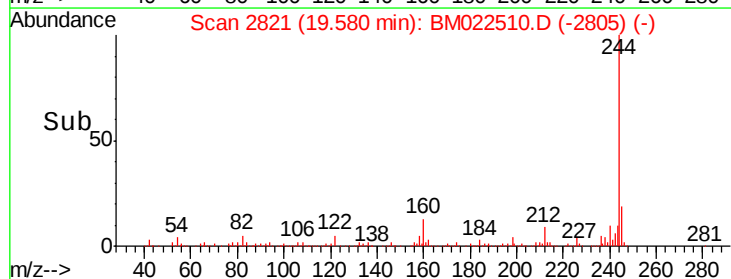
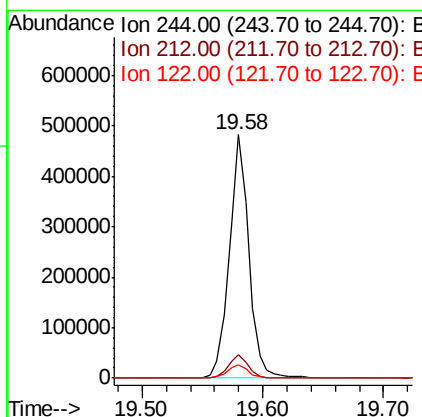
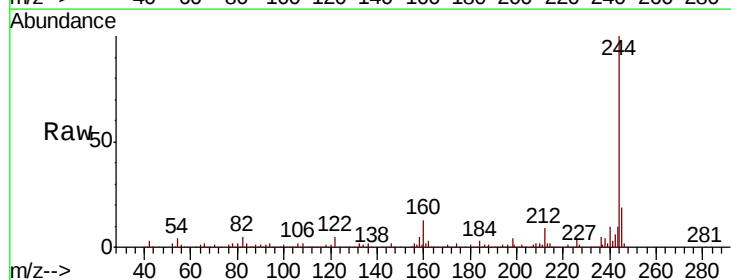
Instrument :
BNA_M
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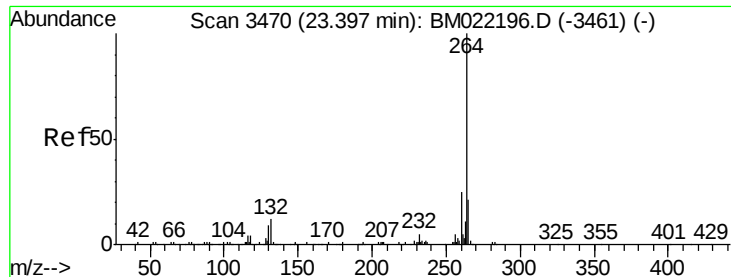
Tot Ion:240 Resp: 74230
Ion Ratio Lower Upper
240 100
120 5.8 3.9 5.9
236 28.3 21.4 32.2



#79
Terphenyl-d14
Concen: 96.049 ng
RT: 19.58 min Scan# 2821
Delta R.T. -0.01 min
Lab File: BM022510.D
Acq: 03 Sep 2019 19:33

Tgt Ion:244 Resp: 540230
Ion Ratio Lower Upper
244 100
212 9.4 7.0 10.4
122 5.3 3.9 5.9





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.34 min Scan# 3461
Delta R.T. -0.00 min
Lab File: BM022510.D
Acq: 03 Sep 2019 19:33

Instrument :
BNA_M
ClientSampleId :
TW-12

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	20.2	30.2
265	20.6	18.2	27.2

