

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
 Data File : BM022505.D
 Acq On : 03 Sep 2019 16:30
 Operator : HP/JU
 Sample : K4555-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TW-10

Quant Time: Sep 04 02:21:57 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	15904	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	53405	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	33200	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	66053	20.00	ng	0.00
76) Chrysene-d12	21.16	240	70520	20.00	ng	0.00
87) Perylene-d12	23.35	264	85306	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	52230	57.65	ng	0.00
7) Phenol-d6	6.70	99	37813	31.21	ng	0.00
23) Nitrobenzene-d5	8.68	82	115468	94.70	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	73083	107.58	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	250638	85.52	ng	0.00
79) Terphenyl-d14	19.58	244	513107	96.03	ng	0.00

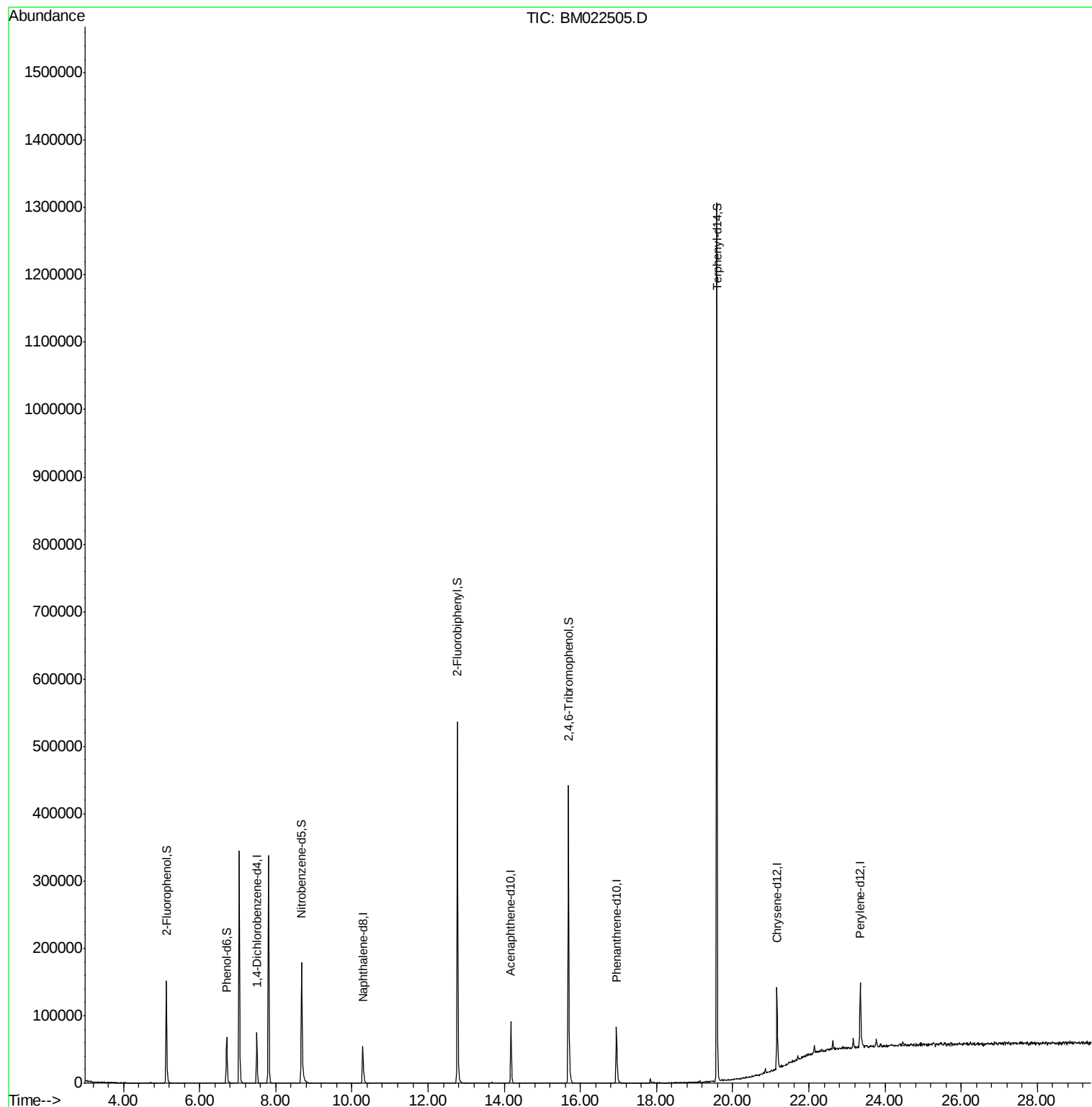
Target Compounds Qvalue

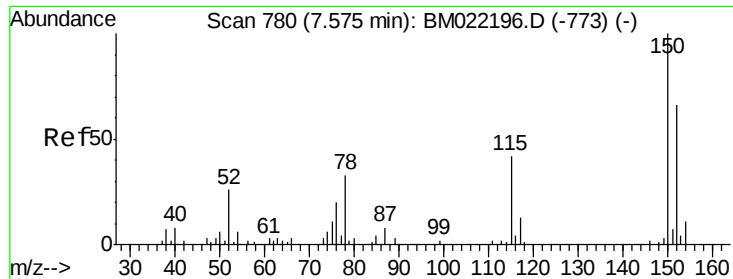
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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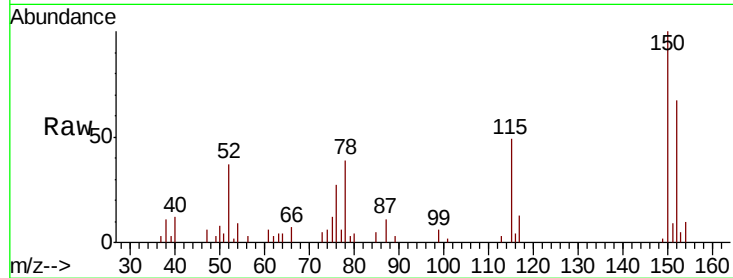


#1

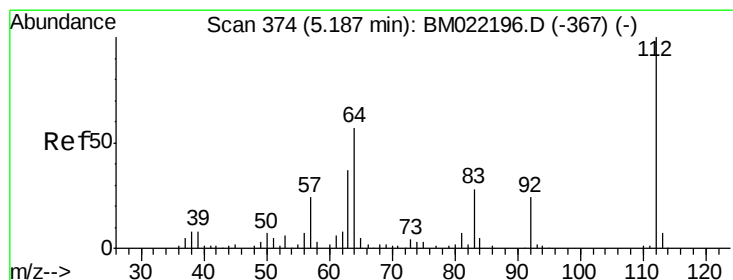
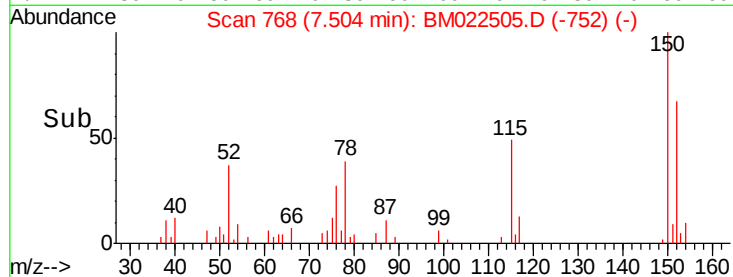
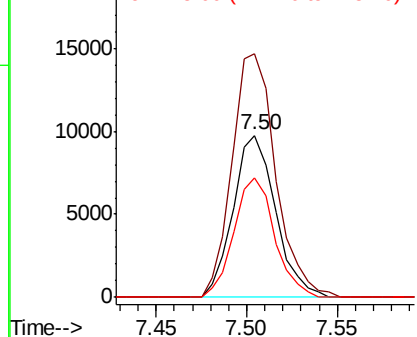
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM022505.D
Acq: 03 Sep 2019 16:30

Instrument :
BNA_M
ClientSampleId :
TW-10

Tot Ion:152 Resp: 15904
Ion Ratio Lower Upper
152 100
150 150.3 125.4 188.0
115 73.5 50.3 75.5



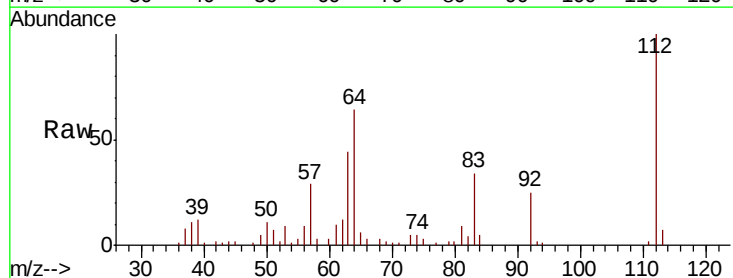
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



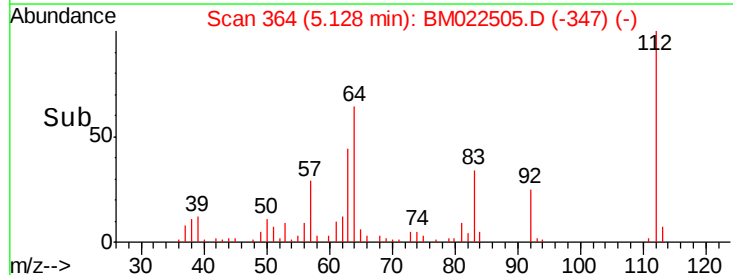
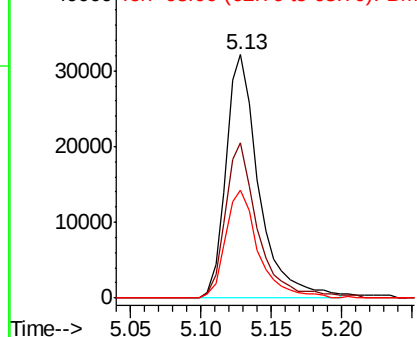
#5

2-Fluorophenol
Concen: 57.646 ng
RT: 5.13 min Scan# 364
Delta R.T. -0.00 min
Lab File: BM022505.D
Acq: 03 Sep 2019 16:30

Tgt Ion:112 Resp: 52230
Ion Ratio Lower Upper
112 100
64 63.7 45.4 68.2
63 44.3 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: 31.209 ng

RT: 6.70 min Scan# 632

Delta R.T. -0.01 min

Lab File: BM022505.D

Acq: 03 Sep 2019 16:30

Instrument :

BNA_M

ClientSampled :

TW-10

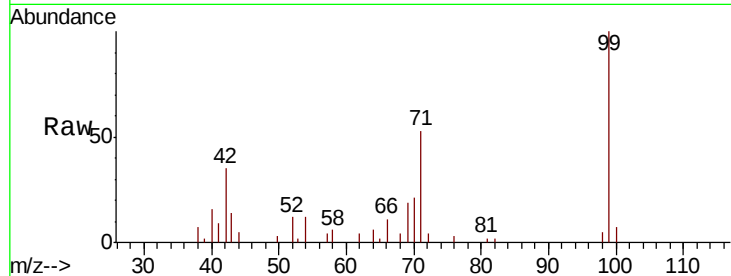
Tot Ion: 99 Resp: 37813

Ion Ratio Lower Upper

99 100

42 35.1 26.3 39.5

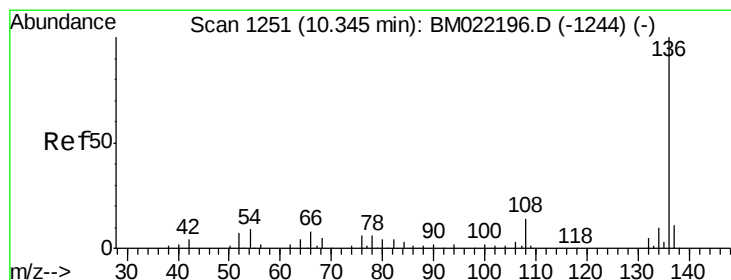
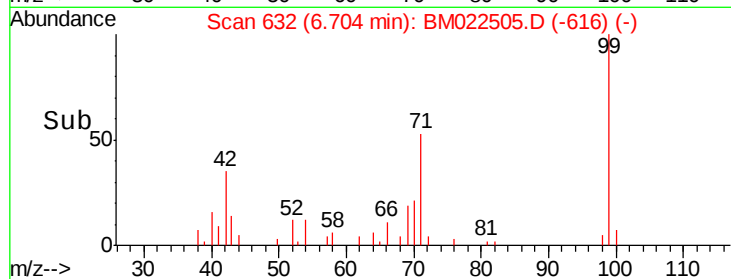
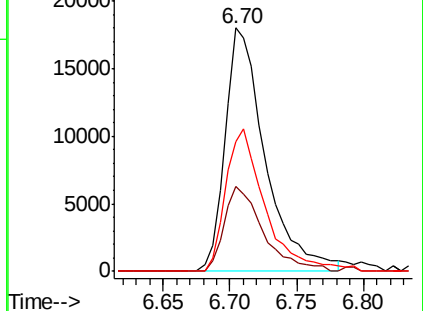
71 53.2 46.6 69.8



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: BM022505.D

Acq: 03 Sep 2019 16:30

Tgt Ion: 136 Resp: 53405

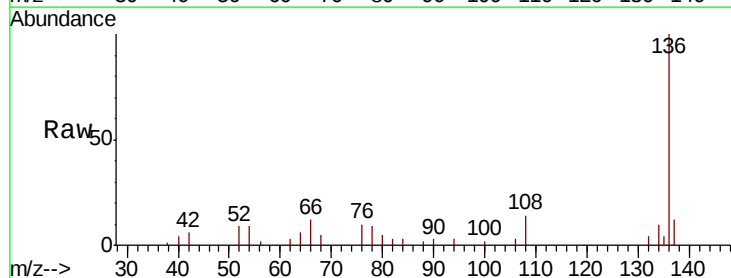
Ion Ratio Lower Upper

136 100

137 12.3 8.6 13.0

54 9.4 7.0 10.6

68 5.3 2.9 4.3#

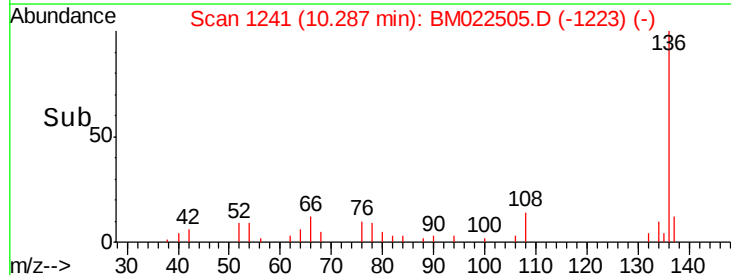
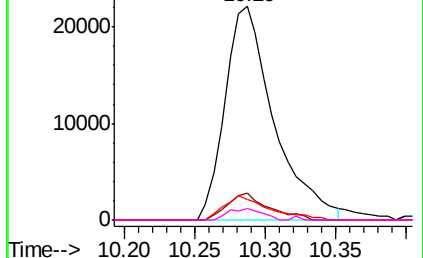


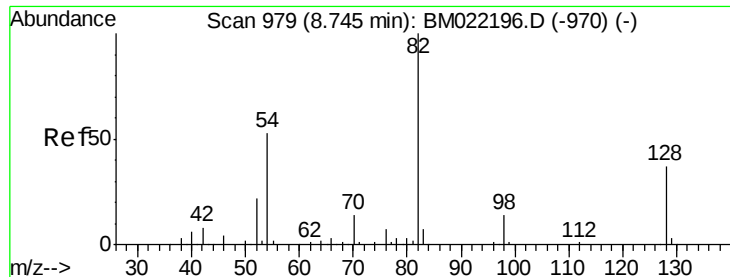
Abundance Ion 136.00 (135.70 to 136.70): BM022196.D (-1244) (-)

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) (-)

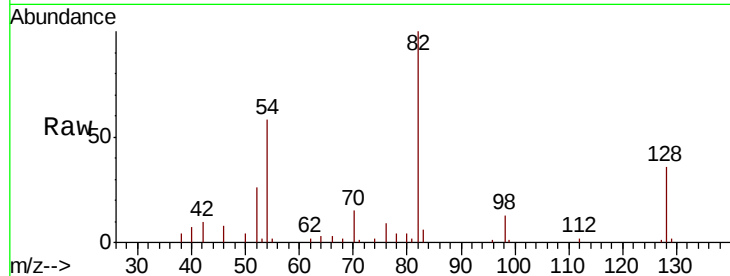




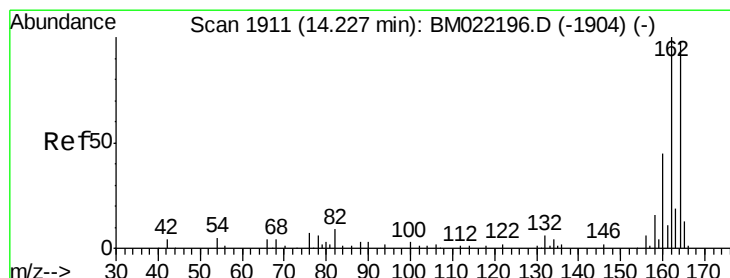
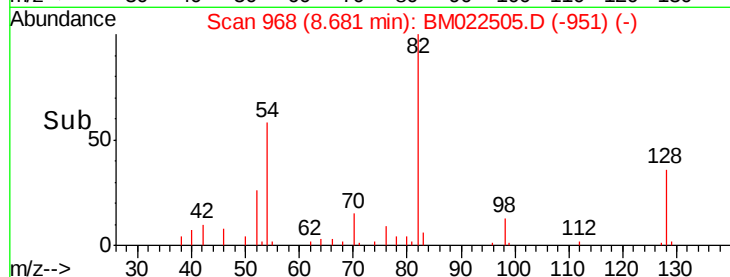
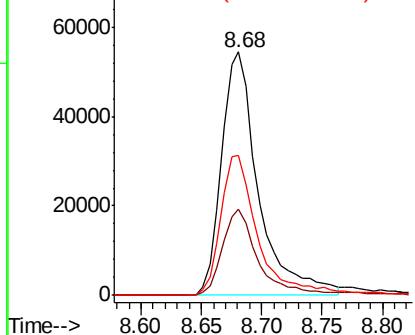
#23
Nitrobenzene-d5
Concen: 94.702 ng
RT: 8.68 min Scan# 968
Delta R.T. -0.00 min
Lab File: BM022505.D
Acq: 03 Sep 2019 16:30

Instrument :
BNA_M
ClientSampleId :
TW-10

Tot Ion: 82 Resp: 115468
Ion Ratio Lower Upper
82 100
128 35.6 27.9 41.9
54 57.6 45.2 67.8

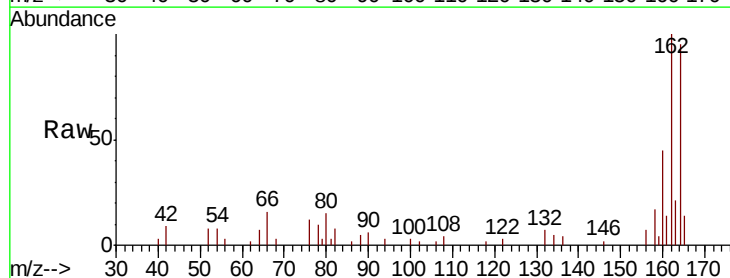


Abundance Ion 82.00 (81.70 to 82.70): BM022505.D (-951) (-)
Ion 128.00 (127.70 to 128.70): BM022505.D (-951) (-)
Ion 54.00 (53.70 to 54.70): BM022505.D (-951) (-)

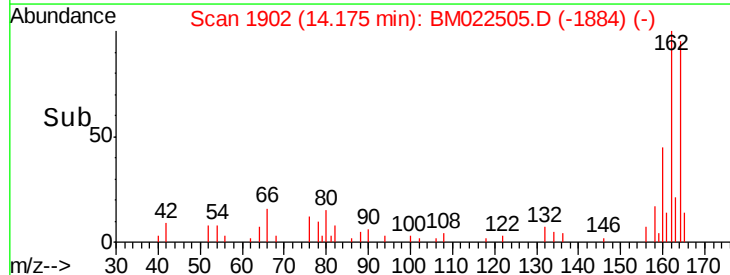
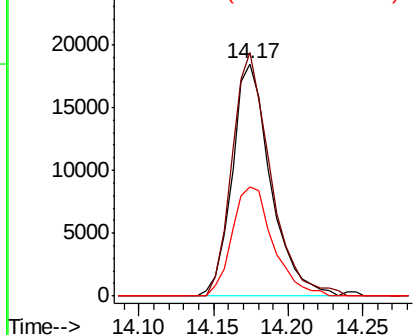


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.17 min Scan# 1902
Delta R.T. 0.01 min
Lab File: BM022505.D
Acq: 03 Sep 2019 16:30

Tgt Ion:164 Resp: 33200
Ion Ratio Lower Upper
164 100
162 104.9 80.6 121.0
160 47.1 37.3 55.9



Abundance Ion 164.00 (163.70 to 164.70): BM022505.D (-1884) (-)
Ion 162.00 (161.70 to 162.70): BM022505.D (-1884) (-)
Ion 160.00 (159.70 to 160.70): BM022505.D (-1884) (-)





#42

2,4,6-Tribromophenol

Concen: 107.576 ng

RT: 15.69 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BM022505.D

Acq: 03 Sep 2019 16:30

Instrument :

BNA_M

ClientSampleId :

TW-10

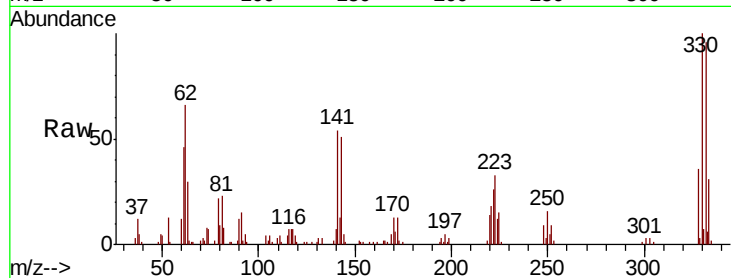
Tot Ion:330 Resp: 73083

Ion Ratio Lower Upper

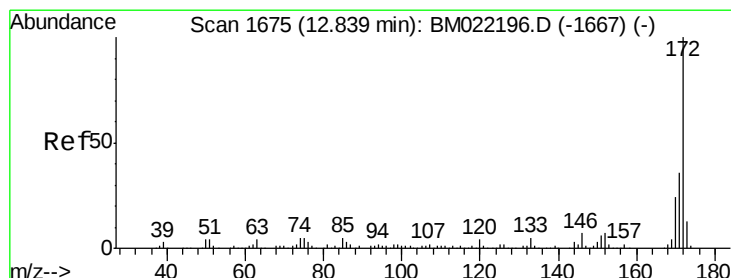
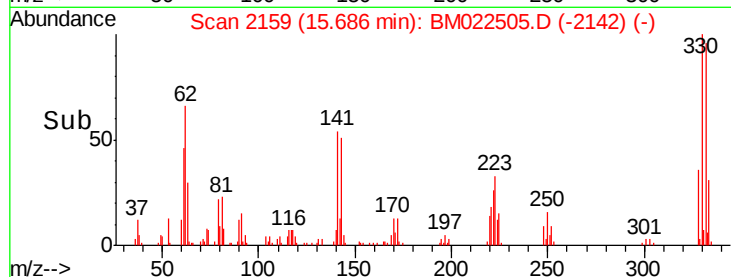
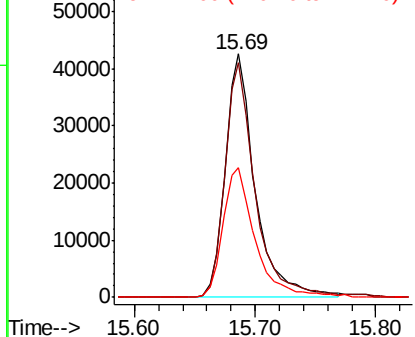
330 100

332 96.8 77.8 116.8

141 56.9 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: 85.522 ng

RT: 12.77 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BM022505.D

Acq: 03 Sep 2019 16:30

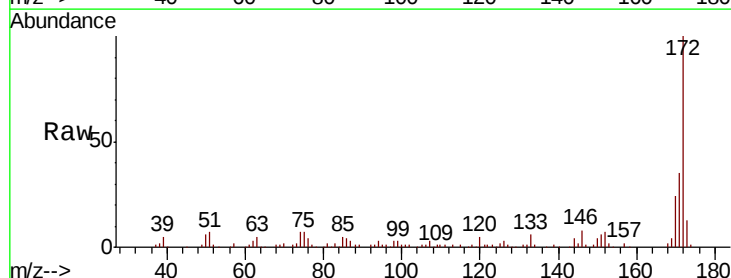
Tgt Ion:172 Resp: 250638

Ion Ratio Lower Upper

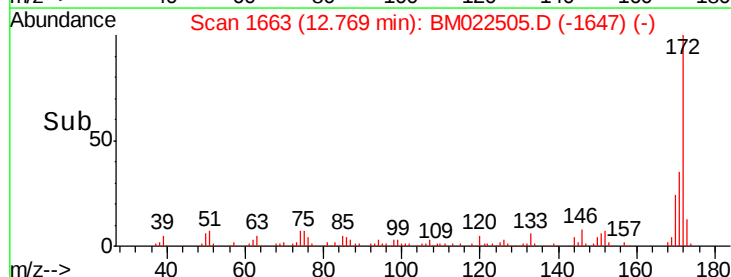
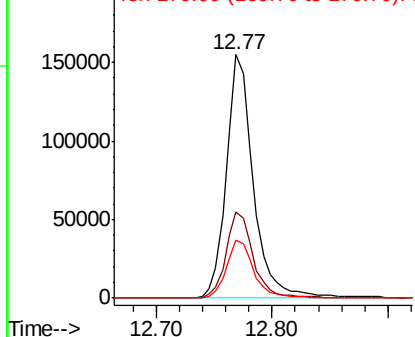
172 100

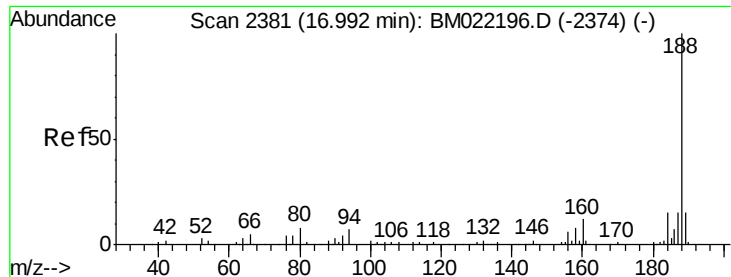
171 35.2 28.5 42.7

170 23.9 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

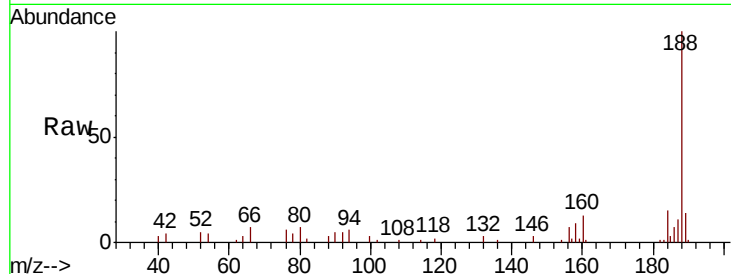




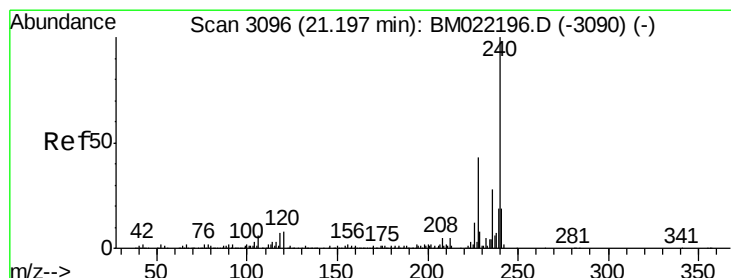
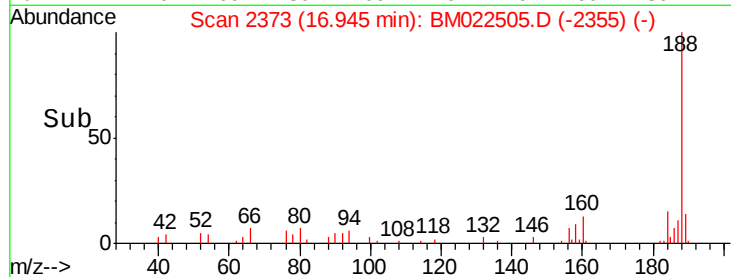
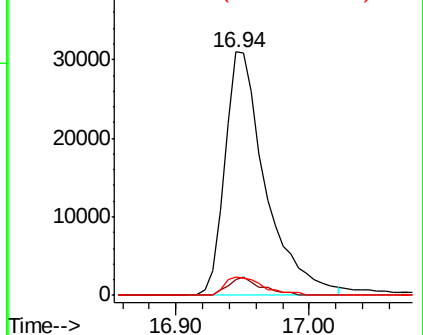
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. 0.01 min
Lab File: BM022505.D
Acq: 03 Sep 2019 16:30

Instrument :
BNA_M
ClientSampleId :
TW-10

Tot Ion:188 Resp: 66053
Ion Ratio Lower Upper
188 100
94 6.2 4.4 6.6
80 7.5 5.0 7.6

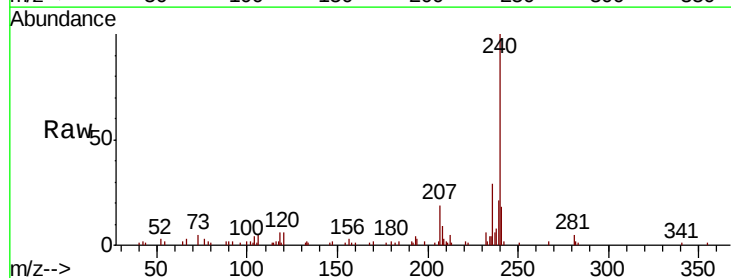


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

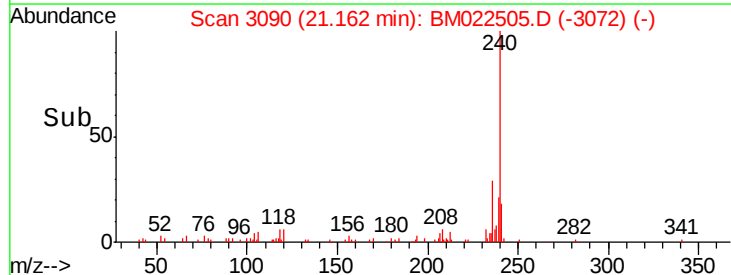
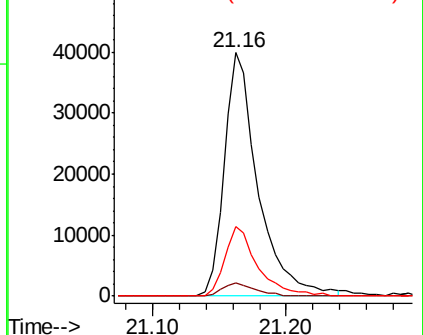


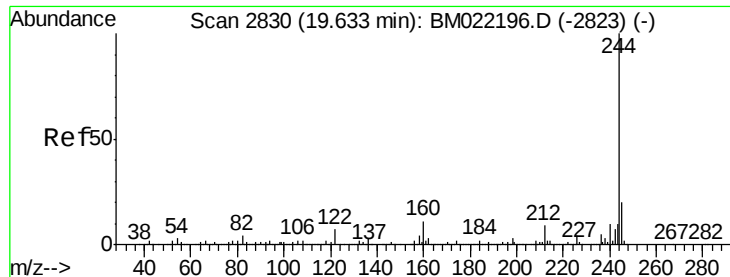
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. 0.01 min
Lab File: BM022505.D
Acq: 03 Sep 2019 16:30

Tgt Ion:240 Resp: 70520
Ion Ratio Lower Upper
240 100
120 5.7 3.9 5.9
236 28.6 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: 96.026 ng

RT: 19.58 min Scan# 2821

Delta R.T. -0.01 min

Lab File: BM022505.D

Acq: 03 Sep 2019 16:30

Instrument :

BNA_M

ClientSampleId :

TW-10

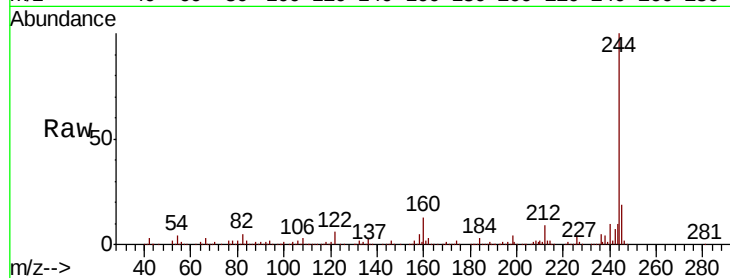
Tot Ion:244 Resp: 513107

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.4

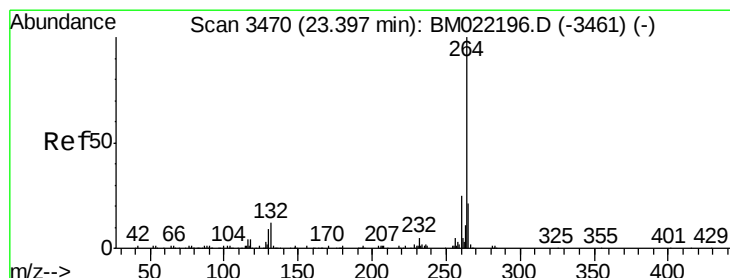
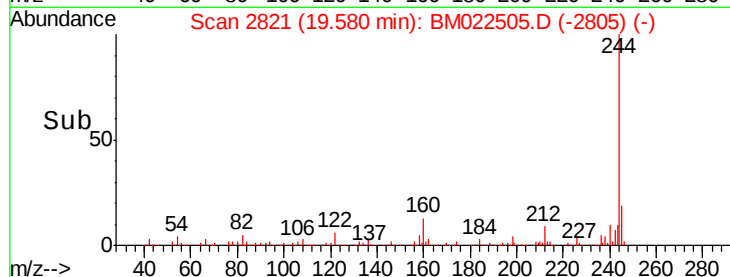
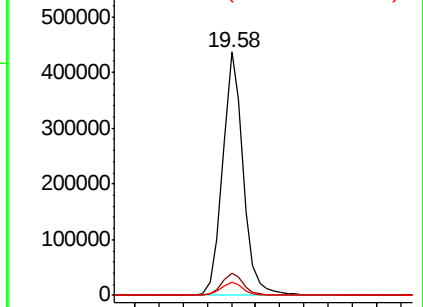
122 5.6 3.9 5.9



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: 23.35 min Scan# 3462

Delta R.T. 0.01 min

Lab File: BM022505.D

Acq: 03 Sep 2019 16:30

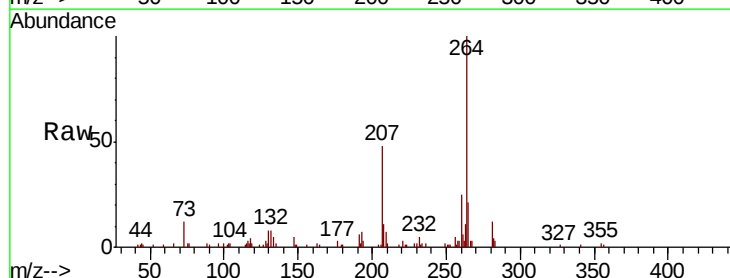
Tgt Ion:264 Resp: 85306

Ion Ratio Lower Upper

264 100

260 24.6 20.2 30.2

265 20.9 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

