

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090119\
 Data File : BM022480.D
 Acq On : 01 Sep 2019 16:58
 Operator : HP/JU
 Sample : K4619-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 02 03:48:06 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 03:43:48 2019
 Response via : Initial Calibration

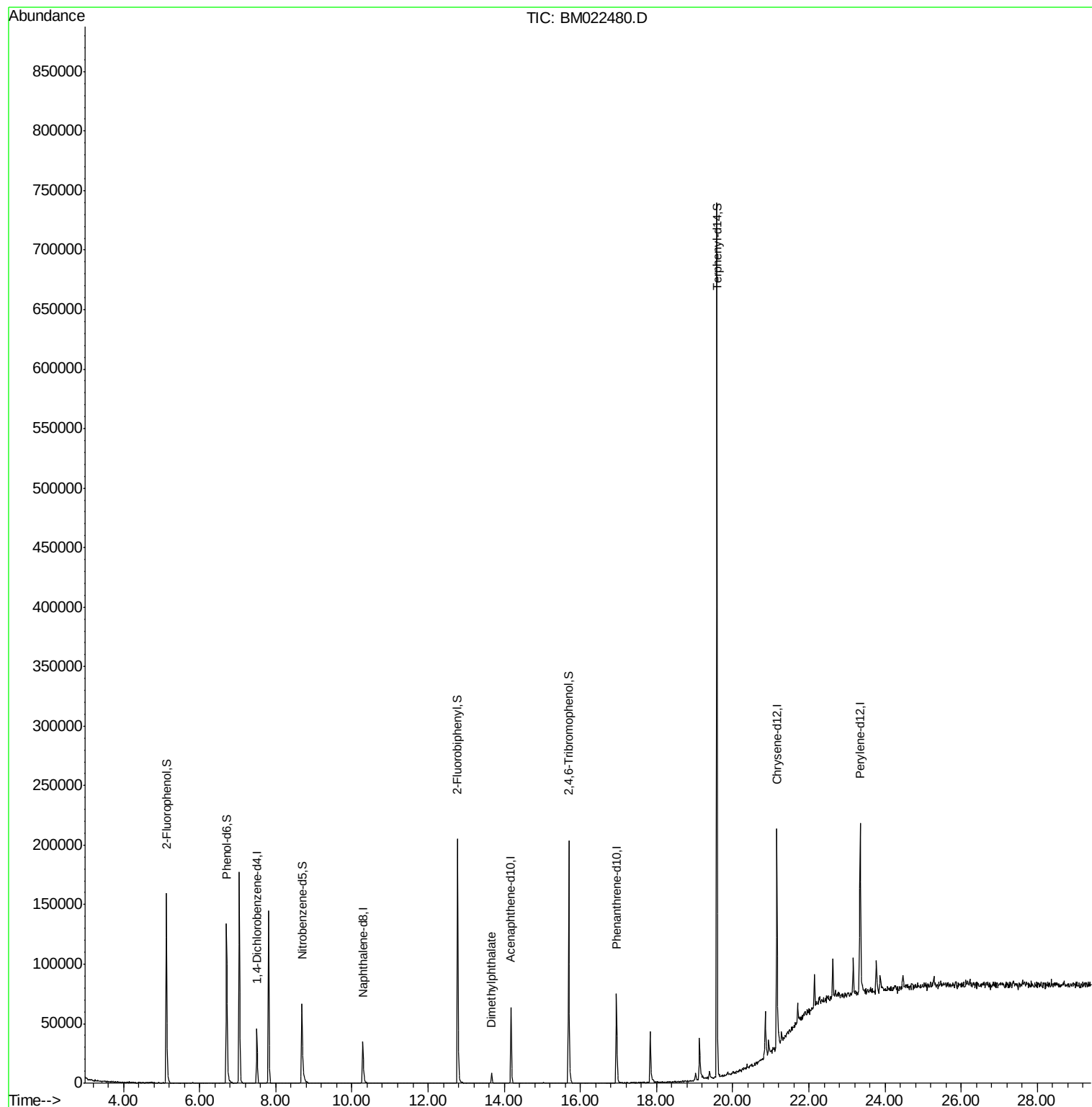
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	10762	20.00	ng	-0.02
21) Naphthalene-d8	10.29	136	35226	20.00	ng	-0.01
39) Acenaphthene-d10	14.17	164	23789	20.00	ng	-0.01
64) Phenanthrene-d10	16.95	188	56454	20.00	ng	0.00
76) Chrysene-d12	21.16	240	89669	20.00	ng	-0.01
87) Perylene-d12	23.34	264	110588	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	58387	95.23	ng	-0.02
7) Phenol-d6	6.70	99	71304	86.97	ng	-0.02
23) Nitrobenzene-d5	8.69	82	49345	61.36	ng	-0.01
42) 2,4,6-Tribromophenol	15.69	330	36505	74.99	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	110456	52.60	ng	-0.02
79) Terphenyl-d14	19.59	244	307364	45.24	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.67	163	8323	4.023	ng	Qvalue # 93

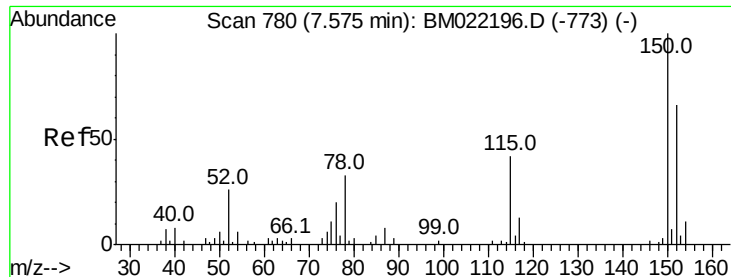
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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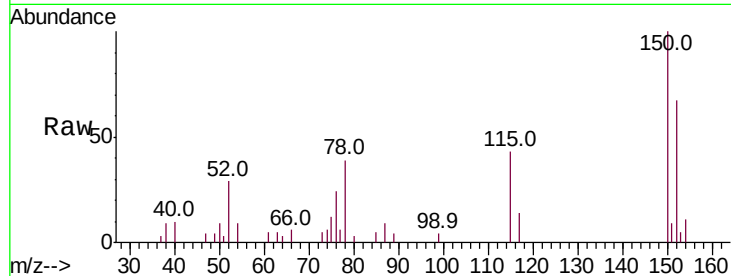


#1

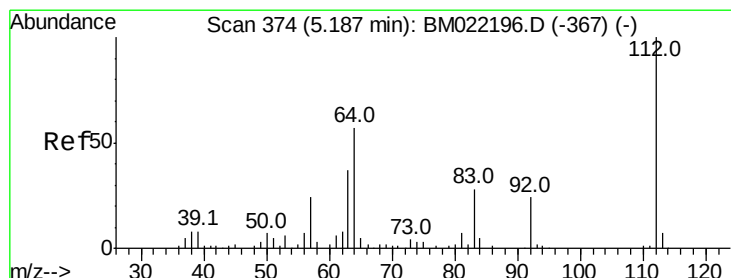
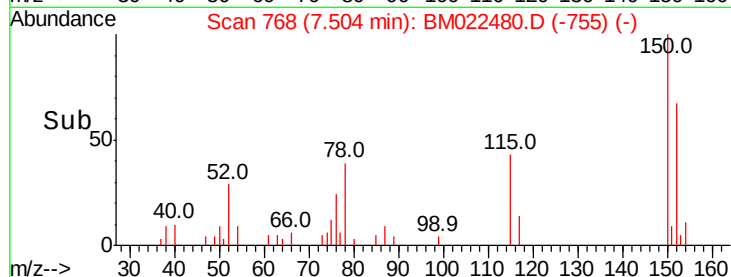
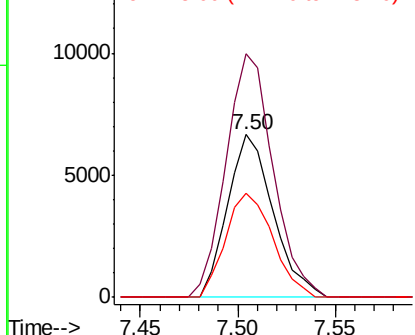
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.02 min
Lab File: BM022480.D
Acq: 01 Sep 2019 16:58

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 10762
Ion Ratio Lower Upper
152 100
150 149.9 125.4 188.0
115 63.9 50.3 75.5



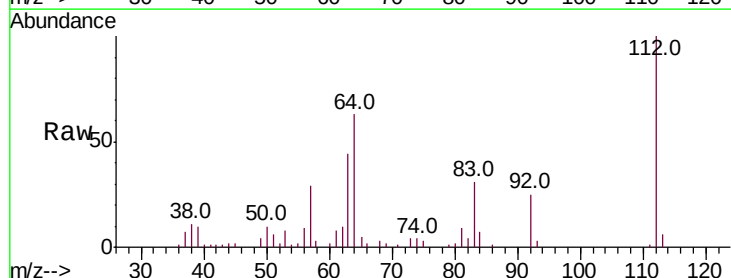
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



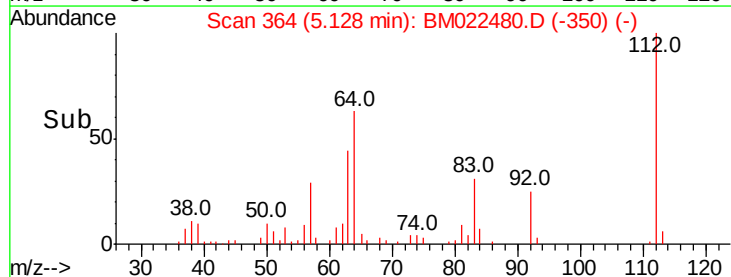
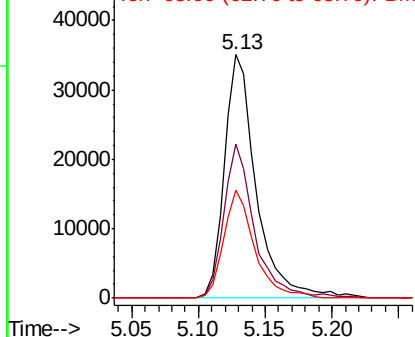
#5

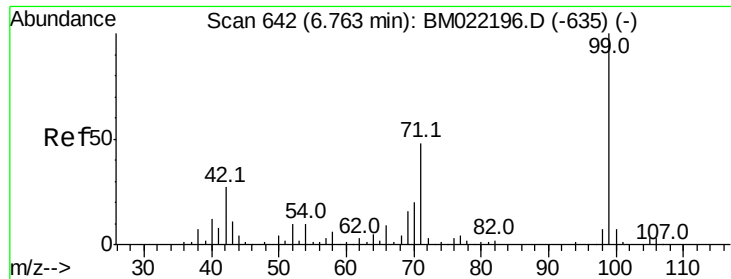
2-Fluorophenol
Concen: 95.232 ng
RT: 5.13 min Scan# 364
Delta R.T. -0.02 min
Lab File: BM022480.D
Acq: 01 Sep 2019 16:58

Tgt Ion:112 Resp: 58387
Ion Ratio Lower Upper
112 100
64 63.5 45.4 68.2
63 44.4 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: 86.969 ng

RT: 6.70 min Scan# 632

Delta R.T. -0.02 min

Lab File: BM022480.D

Acq: 01 Sep 2019 16:58

Instrument :

BNA_M

ClientSampled :

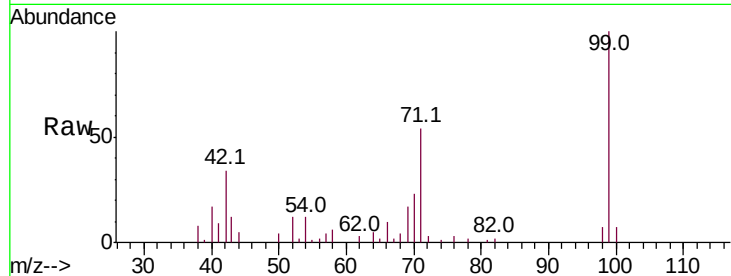
Tot Ion: 99 Resp: 71304

Ion Ratio Lower Upper

99 100

42 34.0 26.3 39.5

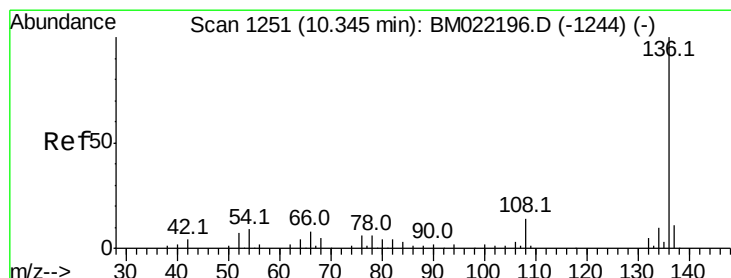
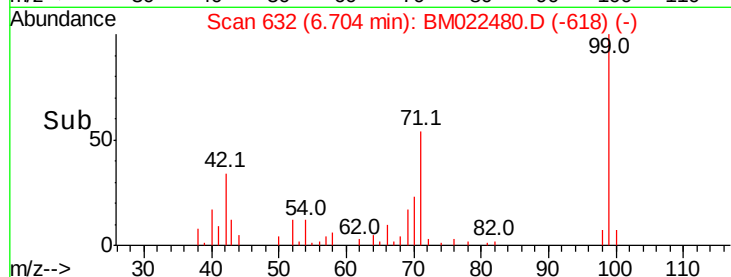
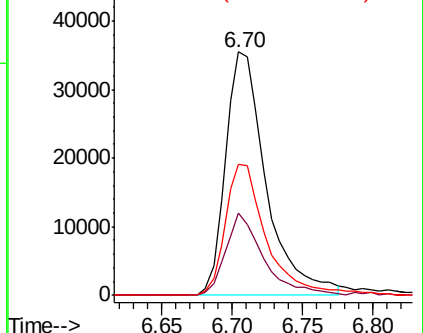
71 54.0 46.6 69.8



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: BM022480.D

Acq: 01 Sep 2019 16:58

Tgt Ion: 136 Resp: 35226

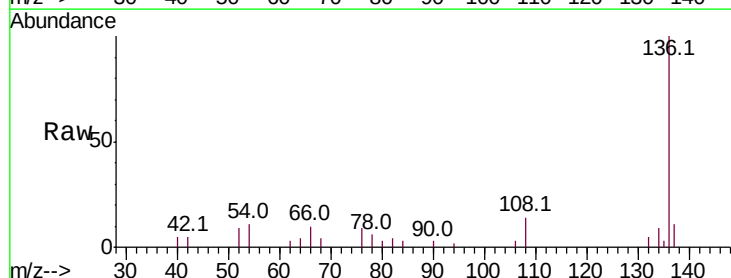
Ion Ratio Lower Upper

136 100

137 11.4 8.6 13.0

54 10.8 7.0 10.6#

68 4.0 2.9 4.3

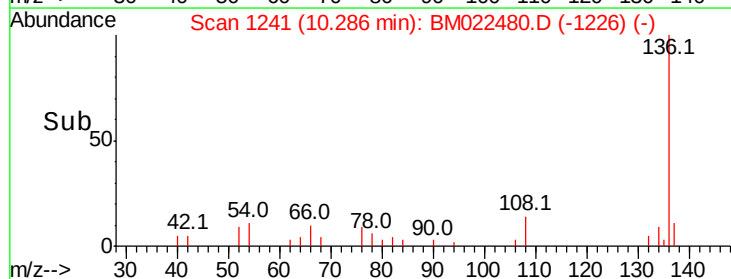
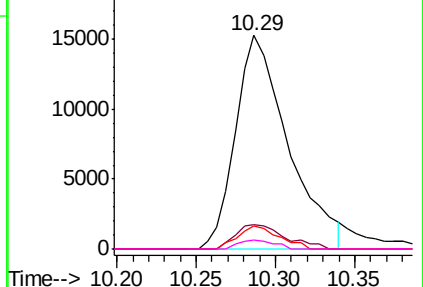


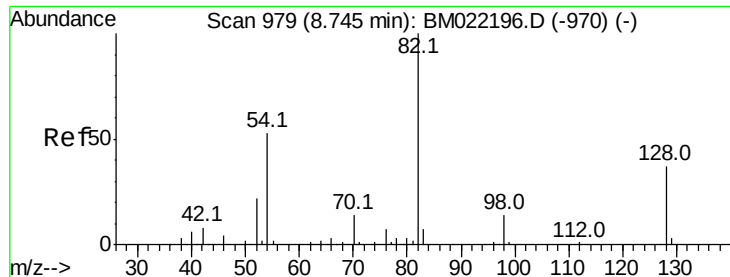
Abundance Ion 136.00 (135.70 to 136.70): BM022196.D (-1244) (-)

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: 61.356 ng

RT: 8.69 min Scan# 969

Delta R.T. -0.01 min

Lab File: BM022480.D

Acq: 01 Sep 2019 16:58

Instrument :

BNA_M

ClientSampled :

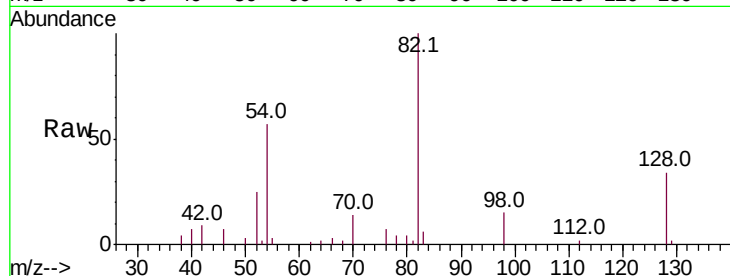
Tot Ion: 82 Resp: 49345

Ion Ratio Lower Upper

82 100

128 34.1 27.9 41.9

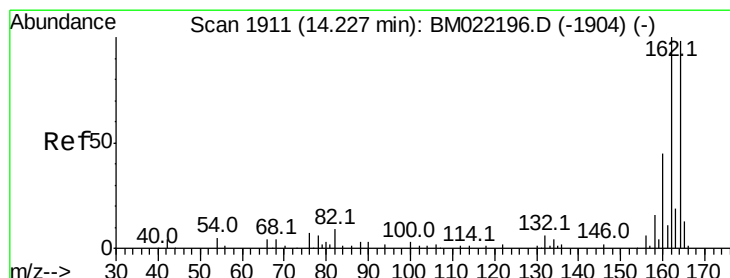
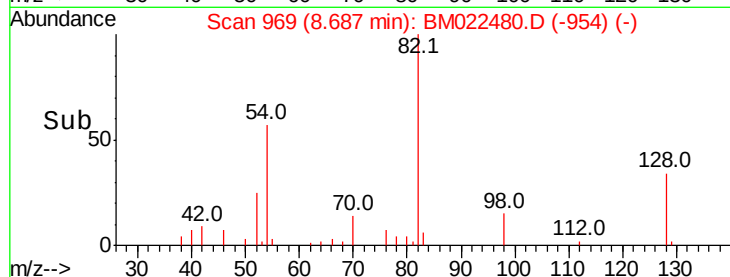
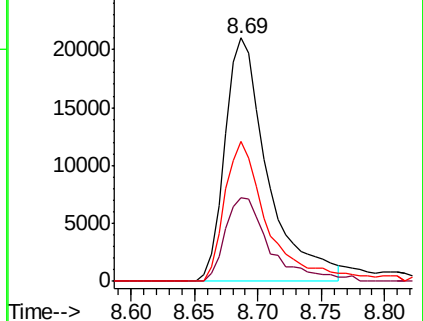
54 57.5 45.2 67.8



Abundance Ion 82.00 (81.70 to 82.70): BM022196.D (-970) (-)

Ion 128.00 (127.70 to 128.70): BM022196.D (-970) (-)

Ion 54.00 (53.70 to 54.70): BM022196.D (-970) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.17 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BM022480.D

Acq: 01 Sep 2019 16:58

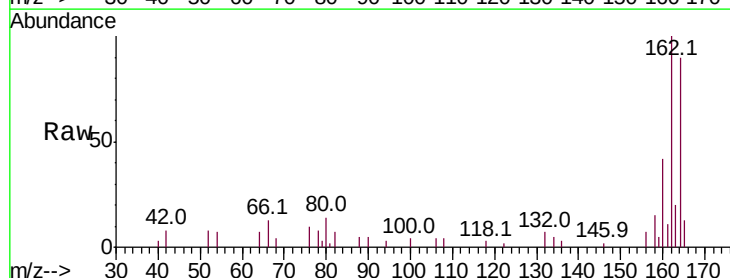
Tgt Ion: 164 Resp: 23789

Ion Ratio Lower Upper

164 100

162 111.6 80.6 121.0

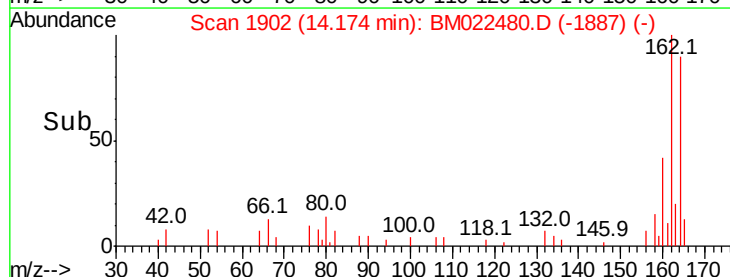
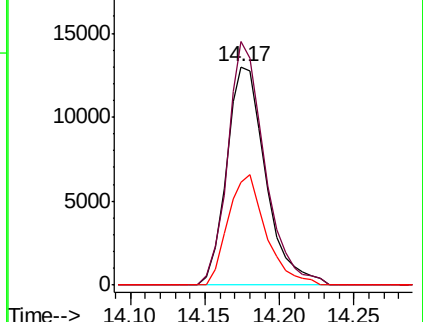
160 47.2 37.3 55.9

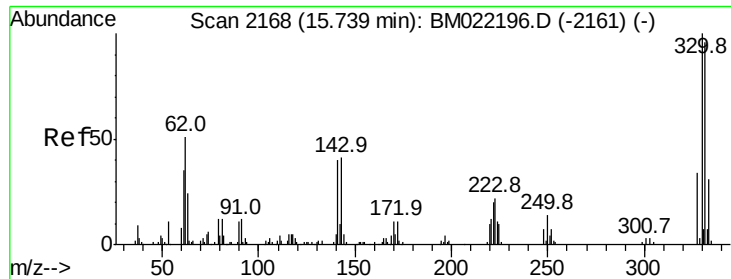


Abundance Ion 164.00 (163.70 to 164.70): BM022196.D (-1904) (-)

Ion 162.00 (161.70 to 162.70): BM022196.D (-1904) (-)

Ion 160.00 (159.70 to 160.70): BM022196.D (-1904) (-)

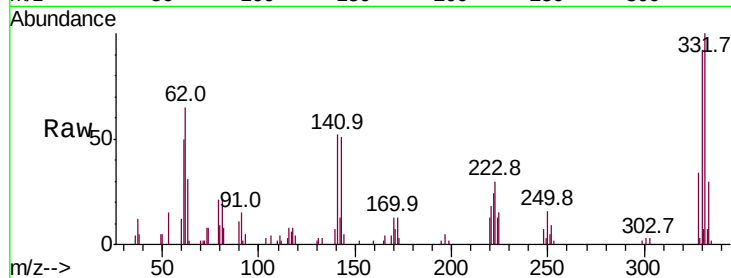




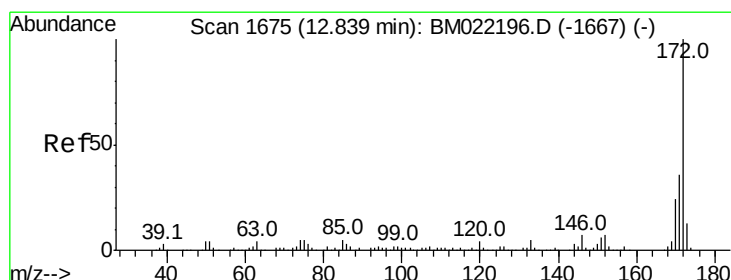
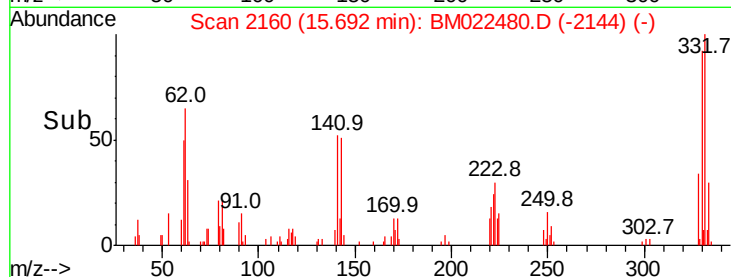
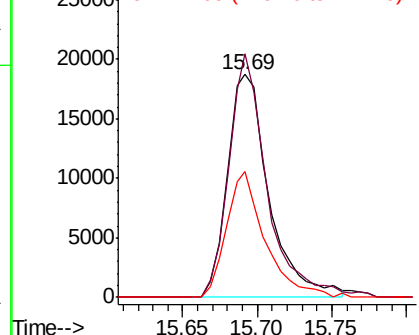
#42
 2,4,6-Tribromophenol
 Concen: 74.991 ng
 RT: 15.69 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM022480.D
 Acq: 01 Sep 2019 16:58

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.9	77.8	116.8
141	52.6	35.6	53.4

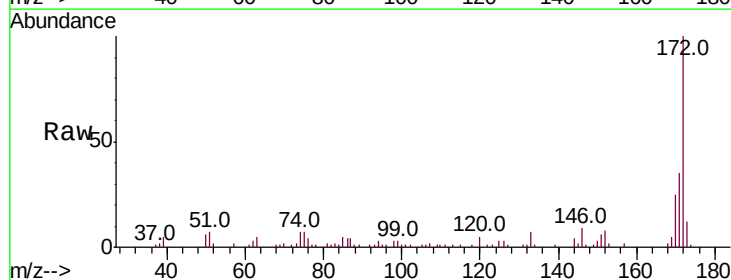


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

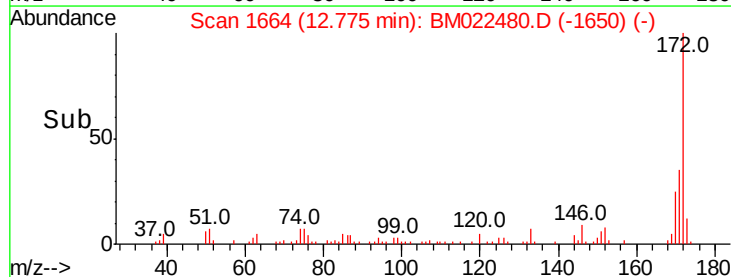
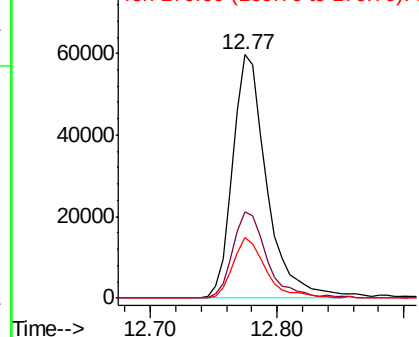


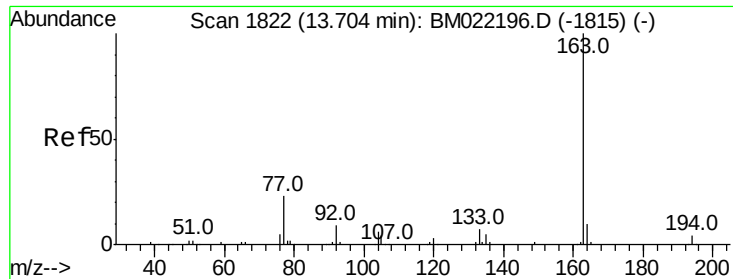
#45
 2-Fluorobiphenyl
 Concen: 52.600 ng
 RT: 12.77 min Scan# 1664
 Delta R.T. -0.02 min
 Lab File: BM022480.D
 Acq: 01 Sep 2019 16:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	24.7	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: 4.023 ng

RT: 13.67 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BM022480.D

Acq: 01 Sep 2019 16:58

Instrument :

BNA_M

ClientSampleId :

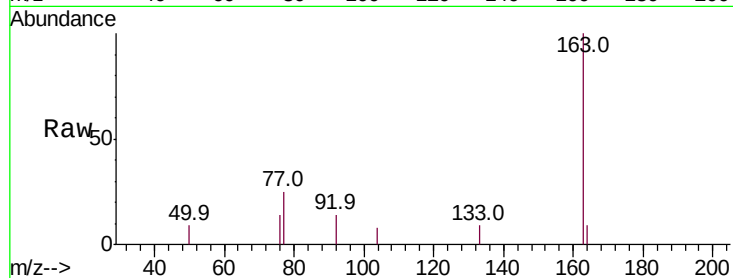
Tot Ion:163 Resp: 8323

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

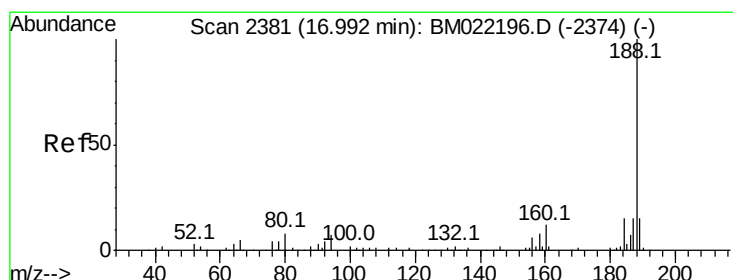
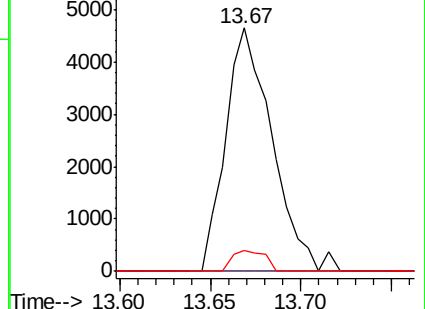
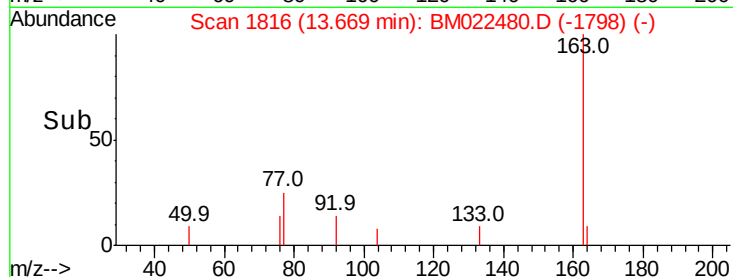
164 8.8 8.2 12.2



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: 16.95 min Scan# 2374

Delta R.T. -0.00 min

Lab File: BM022480.D

Acq: 01 Sep 2019 16:58

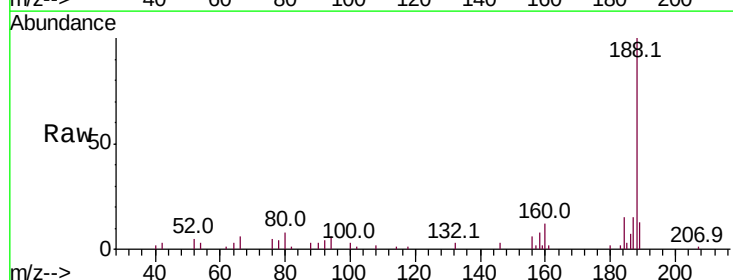
Tgt Ion:188 Resp: 56454

Ion Ratio Lower Upper

188 100

94 6.0 4.4 6.6

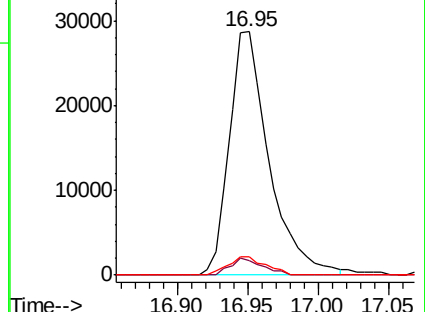
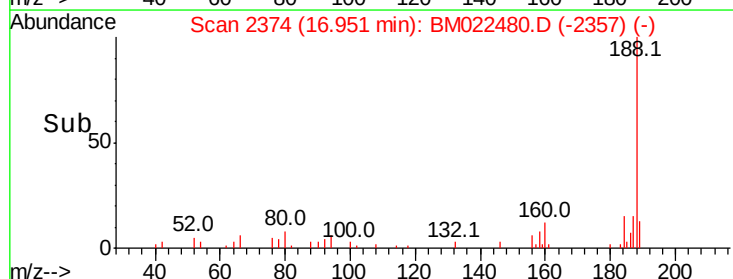
80 7.5 5.0 7.6

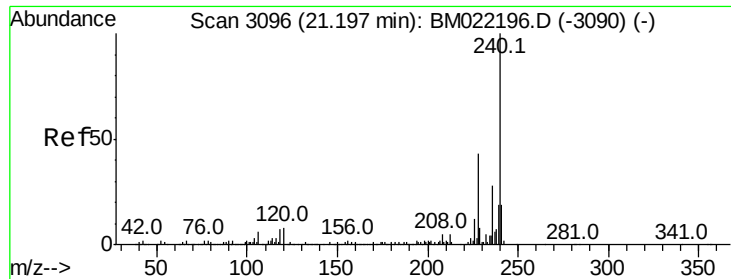


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

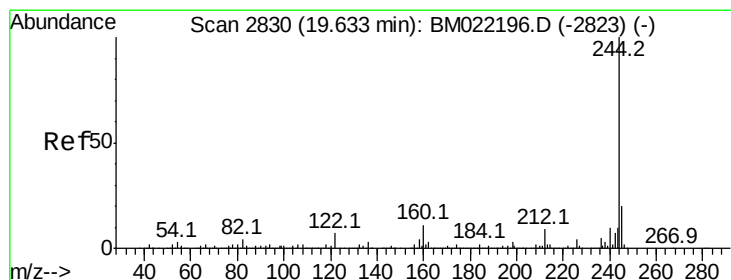
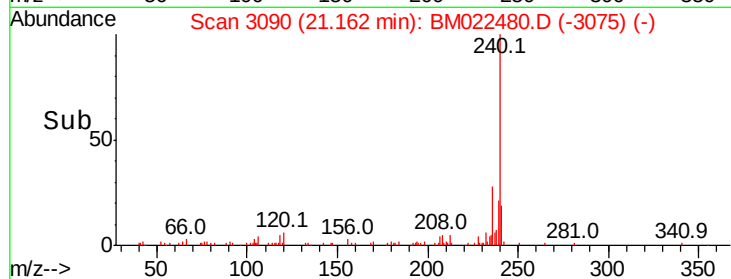
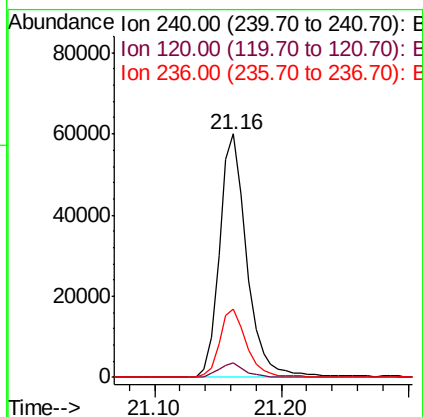
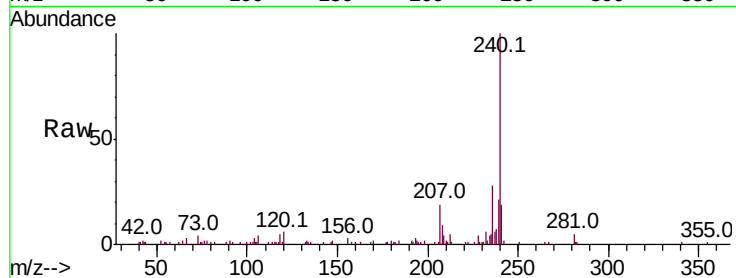




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM022480.D
Acq: 01 Sep 2019 16:58

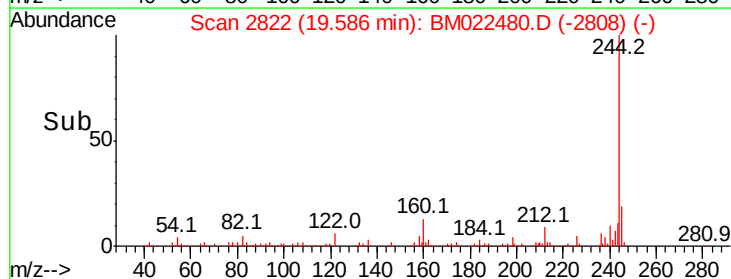
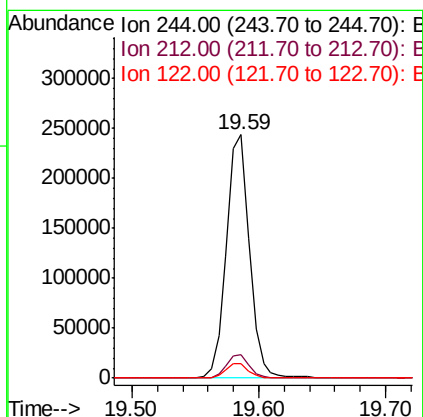
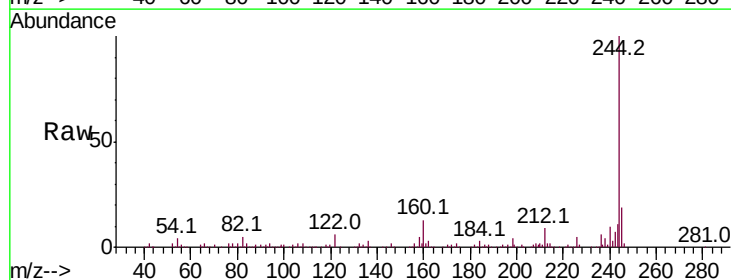
Instrument :
BNA_M
ClientSampleId :

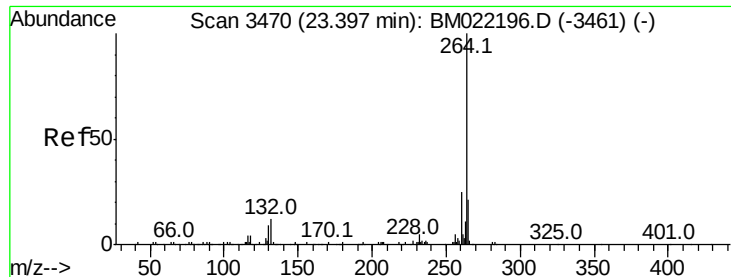
Tot Ion:240 Resp: 89669
Ion Ratio Lower Upper
240 100
120 5.9 3.9 5.9#
236 28.0 21.4 32.2



#79
Terphenyl-d14
Concen: 45.238 ng
RT: 19.59 min Scan# 2822
Delta R.T. -0.02 min
Lab File: BM022480.D
Acq: 01 Sep 2019 16:58

Tgt Ion:244 Resp: 307364
Ion Ratio Lower Upper
244 100
212 9.4 7.0 10.4
122 5.8 3.9 5.9

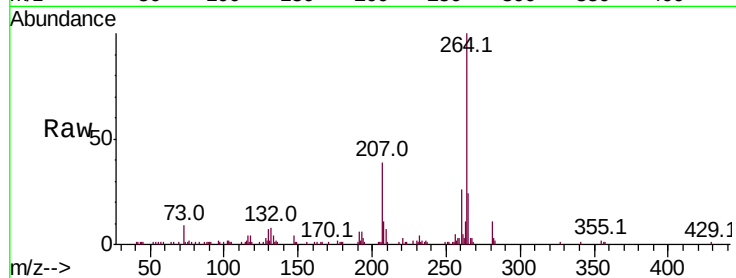




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.34 min Scan# 3461
 Delta R.T. -0.02 min
 Lab File: BM022480.D
 Acq: 01 Sep 2019 16:58

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.2	30.2
265	24.3	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

