

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090319\
 Data File : BM022497.D
 Acq On : 03 Sep 2019 11:38
 Operator : HP/JU
 Sample : K4619-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 04 02:00:29 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

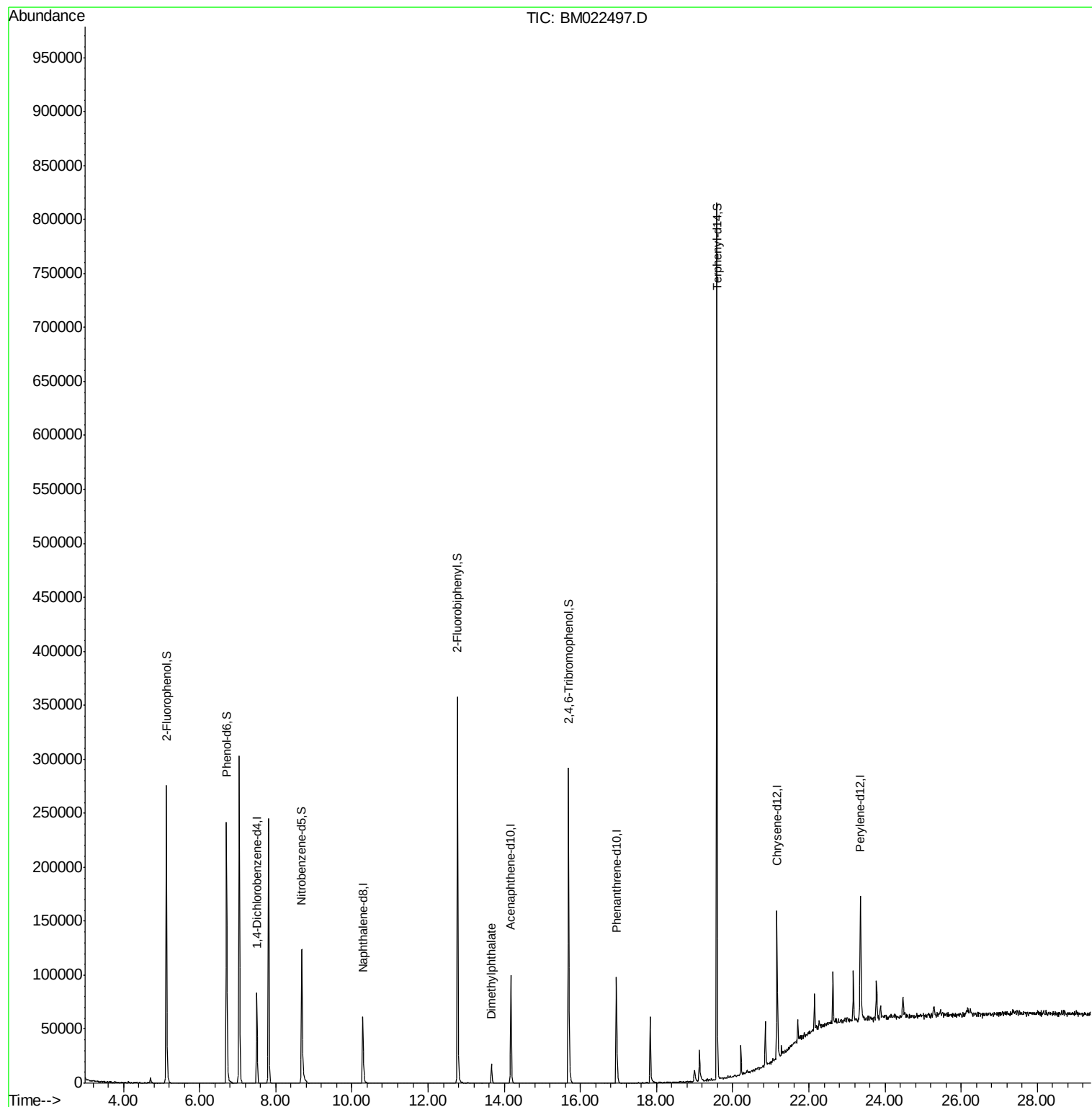
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	16841	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	58036	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	35367	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	70651	20.00	ng	0.00
76) Chrysene-d12	21.16	240	80405	20.00	ng	0.00
87) Perylene-d12	23.35	264	96062	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	89136	92.91	ng	0.00
7) Phenol-d6	6.70	99	107873	84.08	ng	0.00
23) Nitrobenzene-d5	8.69	82	82124	61.98	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	49740	68.73	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	175718	56.28	ng	0.00
79) Terphenyl-d14	19.58	244	333070	54.67	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.66	163	14661	4.766	ng	Qvalue 99

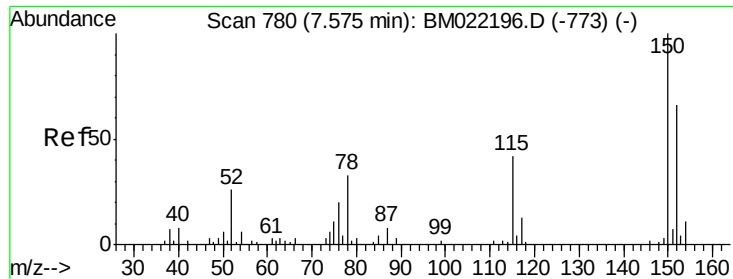
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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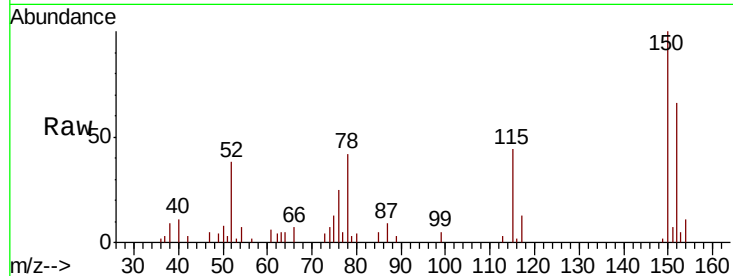




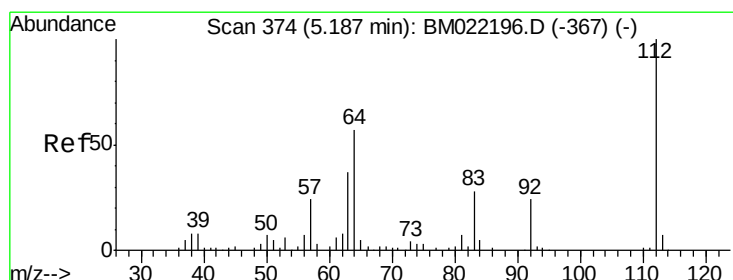
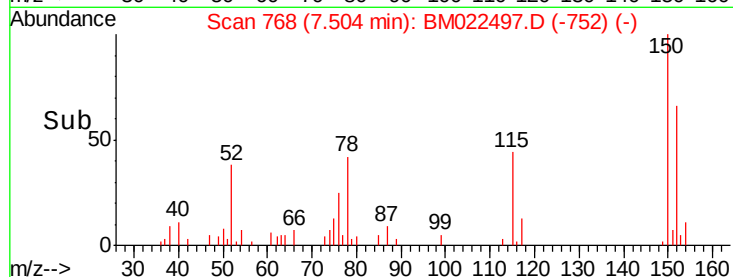
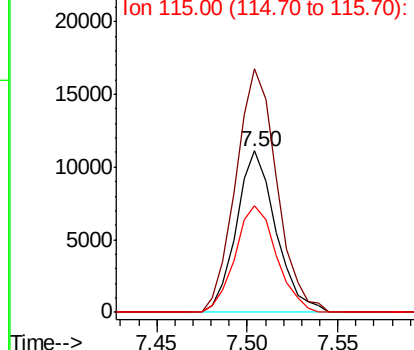
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.50 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BM022497.D
 Acq: 03 Sep 2019 11:38

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:152 Resp: 16841
 Ion Ratio Lower Upper
 152 100
 150 150.9 125.4 188.0
 115 66.3 50.3 75.5

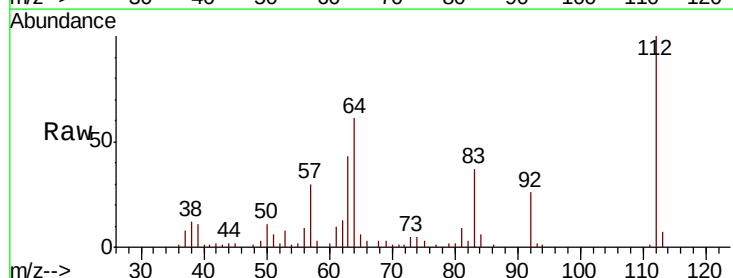


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

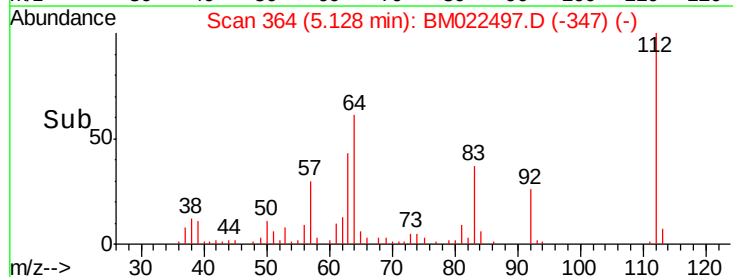
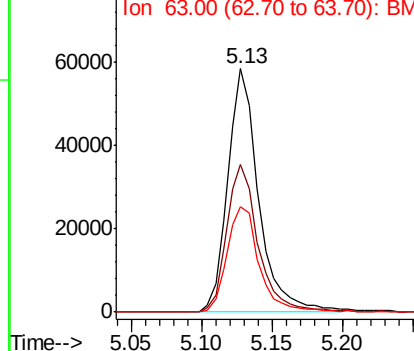


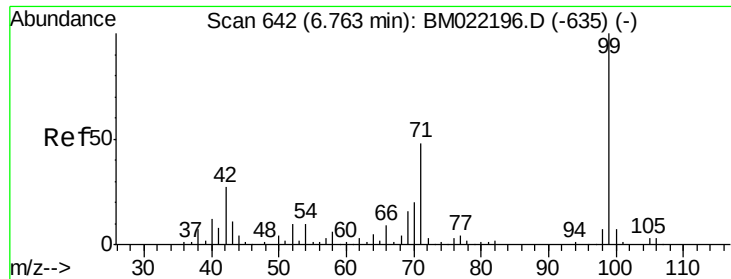
#5
 2-Fluorophenol
 Concen: 92.906 ng
 RT: 5.13 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: BM022497.D
 Acq: 03 Sep 2019 11:38

Tgt Ion:112 Resp: 89136
 Ion Ratio Lower Upper
 112 100
 64 60.8 45.4 68.2
 63 43.5 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: 84.079 ng

RT: 6.70 min Scan# 632

Delta R.T. -0.01 min

Lab File: BM022497.D

Acq: 03 Sep 2019 11:38

Instrument :

BNA_M

ClientSampleId :

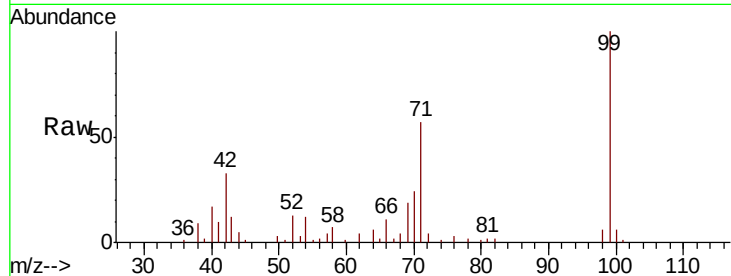
Tot Ion: 99 Resp: 107873

Ion Ratio Lower Upper

99 100

42 33.3 26.3 39.5

71 56.6 46.6 69.8

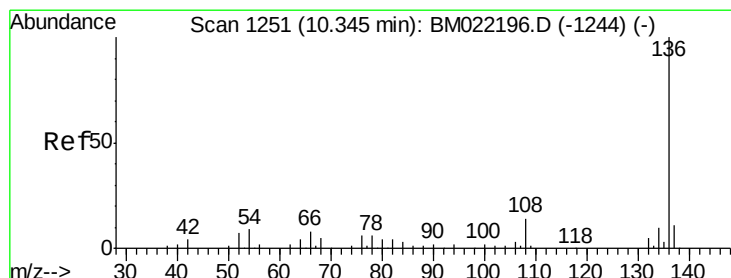
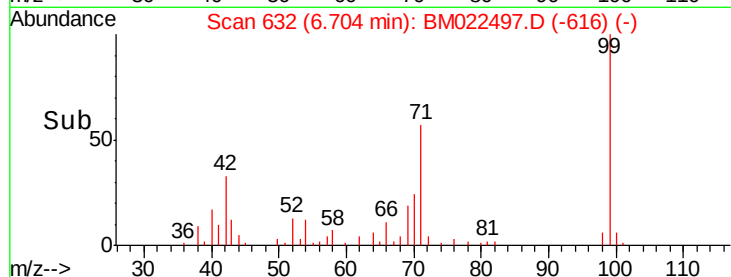
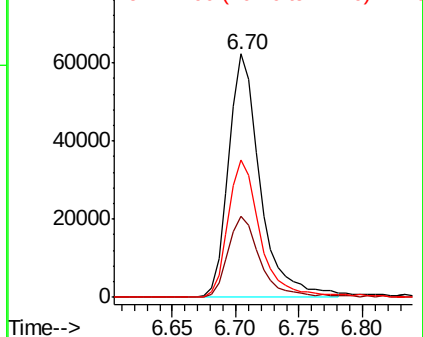


Abundance

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: BM022497.D

Acq: 03 Sep 2019 11:38

Tgt Ion: 136 Resp: 58036

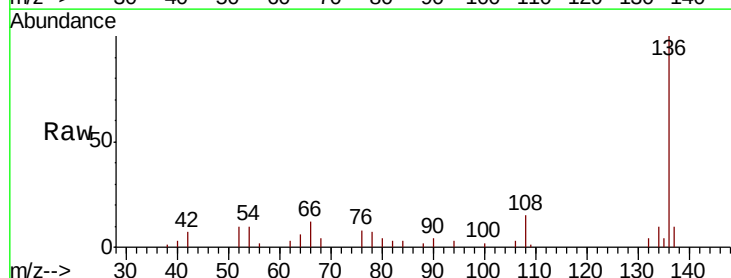
Ion Ratio Lower Upper

136 100

137 10.4 8.6 13.0

54 10.0 7.0 10.6

68 4.4 2.9 4.3#



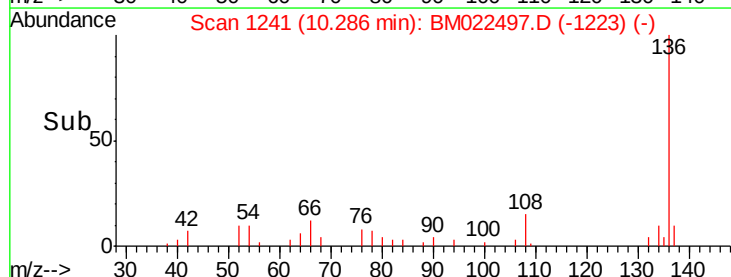
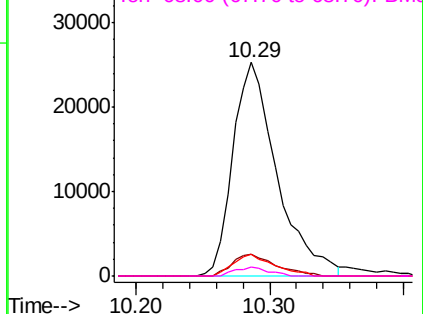
Abundance

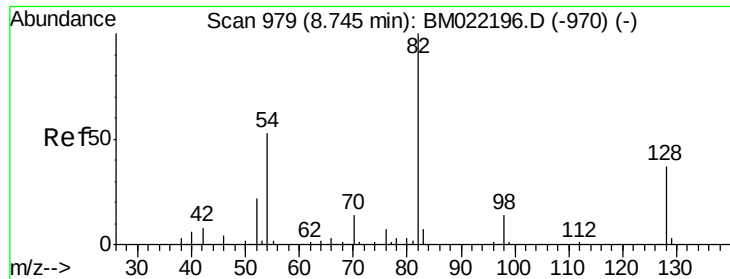
Ion 136.00 (135.70 to 136.70): BM022196.D (-1244) (-)

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) (-)

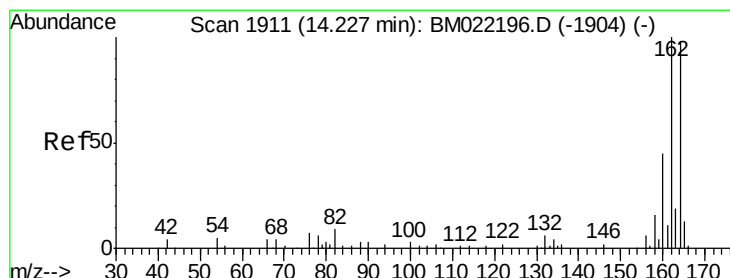
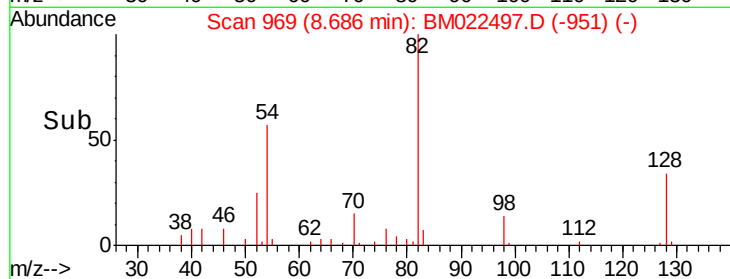
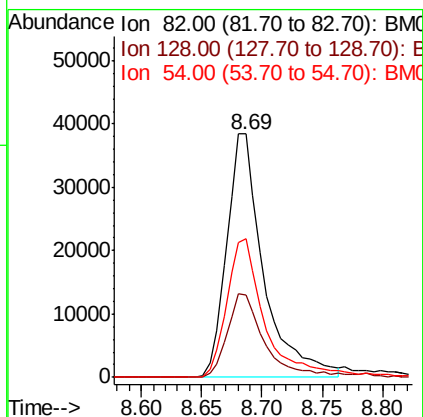
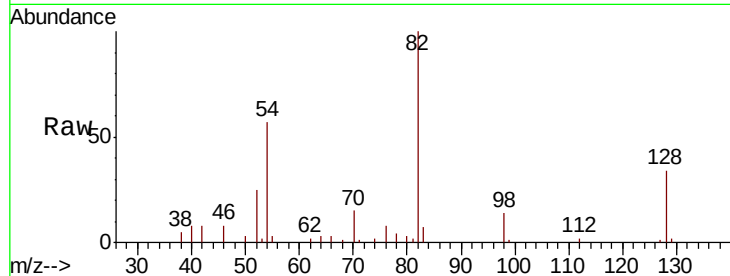




#23
Nitrobenzene-d5
Concen: 61.980 ng
RT: 8.69 min Scan# 969
Delta R.T. 0.01 min
Lab File: BM022497.D
Acq: 03 Sep 2019 11:38

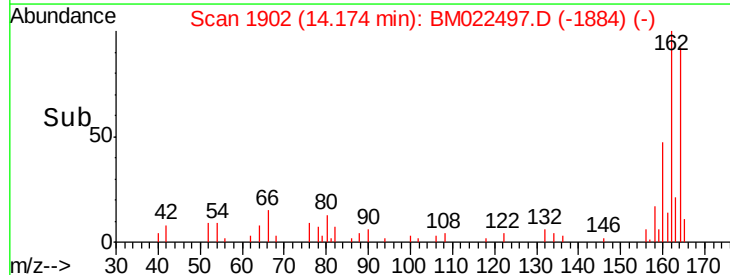
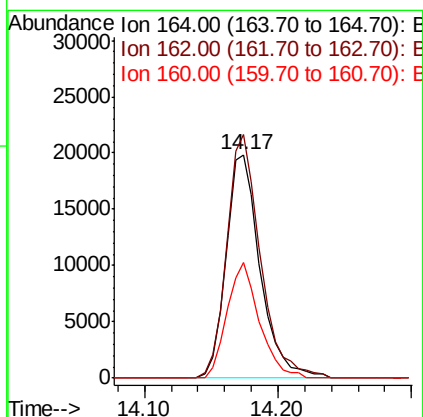
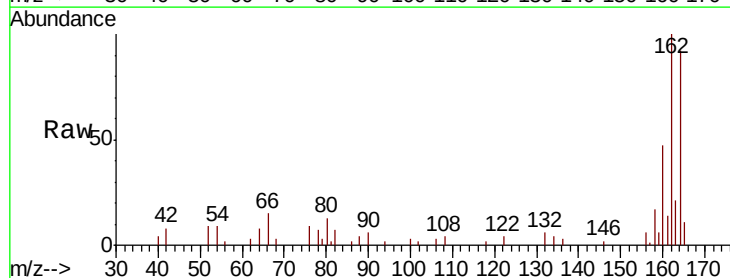
Instrument :
BNA_M
ClientSampled :

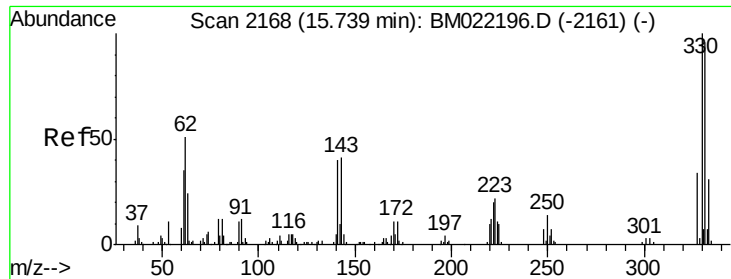
Tot Ion: 82 Resp: 82124
Ion Ratio Lower Upper
82 100
128 34.0 27.9 41.9
54 57.0 45.2 67.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.17 min Scan# 1902
Delta R.T. 0.01 min
Lab File: BM022497.D
Acq: 03 Sep 2019 11:38

Tgt Ion:164 Resp: 35367
Ion Ratio Lower Upper
164 100
162 109.0 80.6 121.0
160 51.7 37.3 55.9





#42

2,4,6-Tribromophenol

Concen: 68.730 ng

RT: 15.69 min Scan# 2160

Delta R.T. 0.01 min

Lab File: BM022497.D

Acq: 03 Sep 2019 11:38

Instrument :

BNA_M

ClientSampleId :

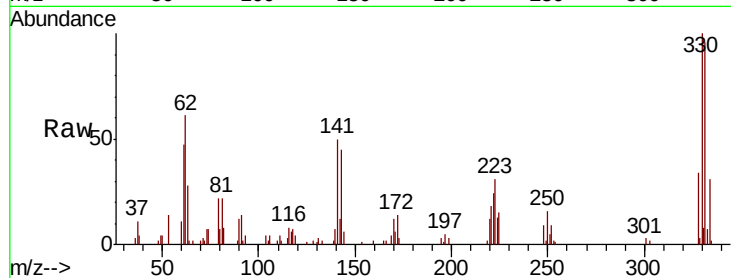
Tot Ion:330 Resp: 49740

Ion Ratio Lower Upper

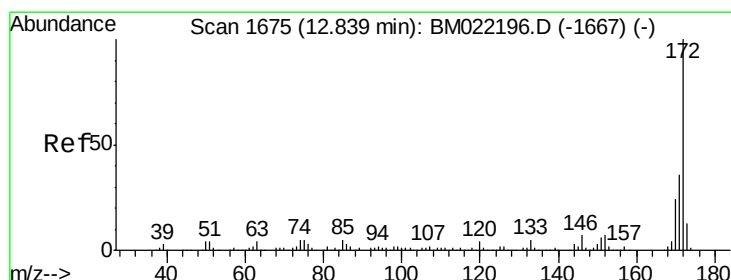
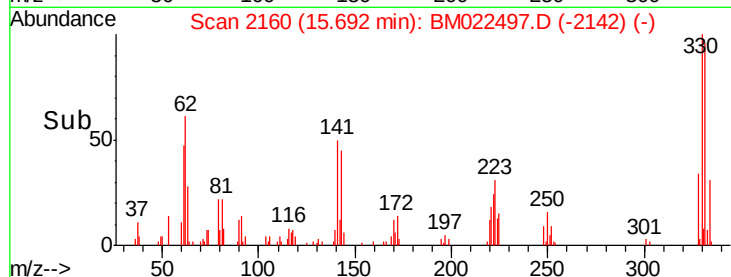
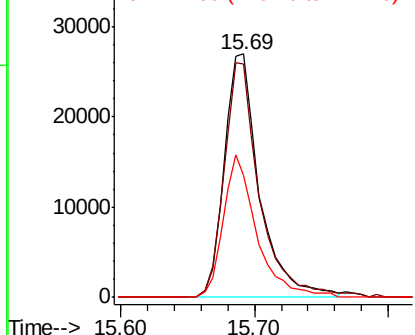
330 100

332 96.6 77.8 116.8

141 55.6 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: 56.285 ng

RT: 12.77 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BM022497.D

Acq: 03 Sep 2019 11:38

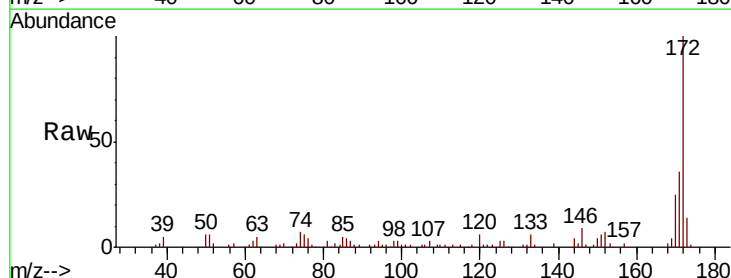
Tgt Ion:172 Resp: 175718

Ion Ratio Lower Upper

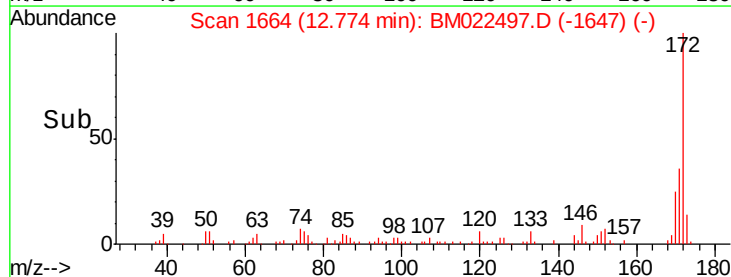
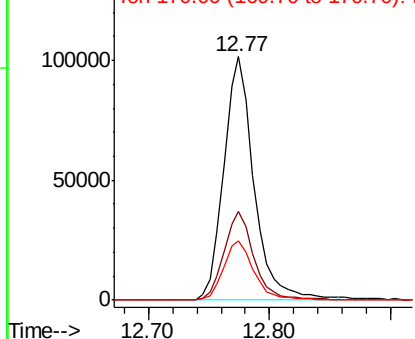
172 100

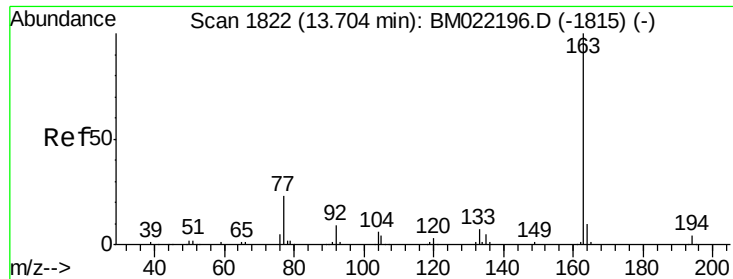
171 36.3 28.5 42.7

170 24.5 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: 4.766 ng

RT: 13.66 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BM022497.D

Acq: 03 Sep 2019 11:38

Instrument :

BNA_M

ClientSampled :

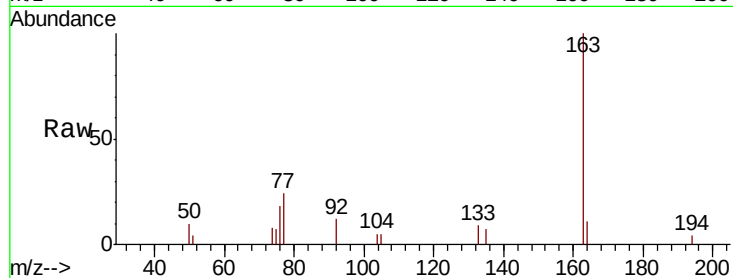
Tot Ion:163 Resp: 14661

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

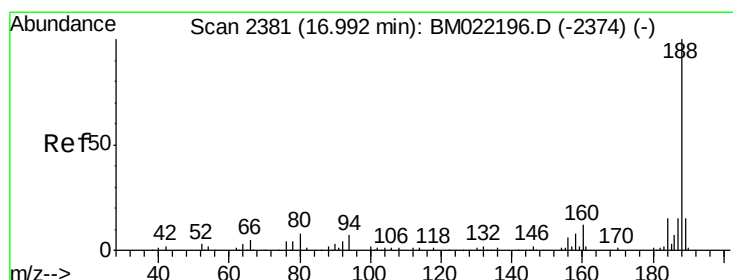
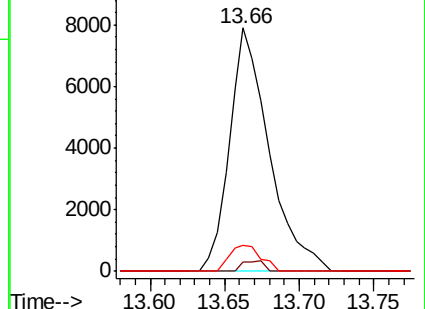
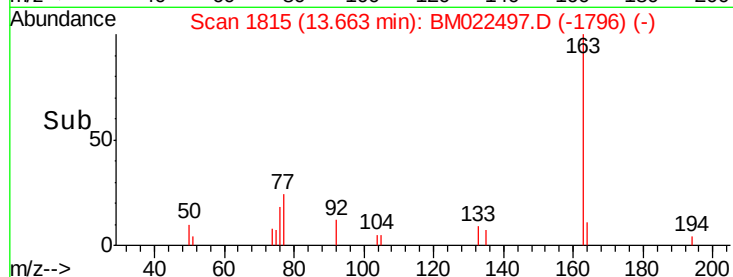
164 10.6 8.2 12.2



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# 2373

Delta R.T. 0.01 min

Lab File: BM022497.D

Acq: 03 Sep 2019 11:38

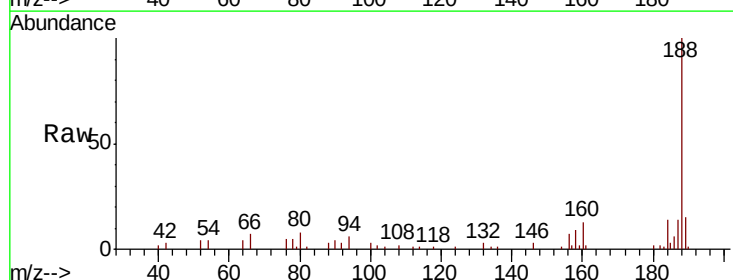
Tgt Ion:188 Resp: 70651

Ion Ratio Lower Upper

188 100

94 5.6 4.4 6.6

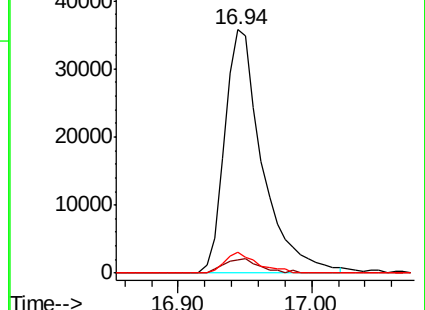
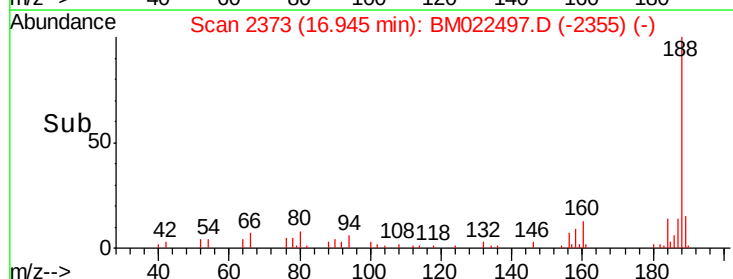
80 8.5 5.0 7.6

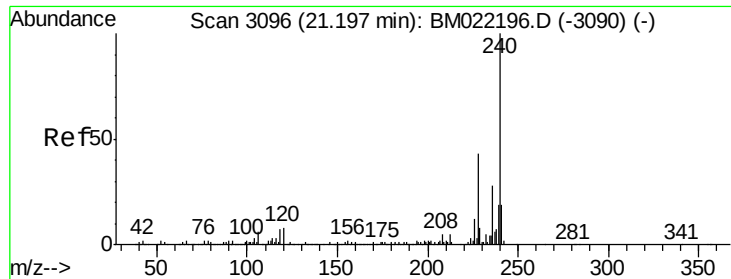


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

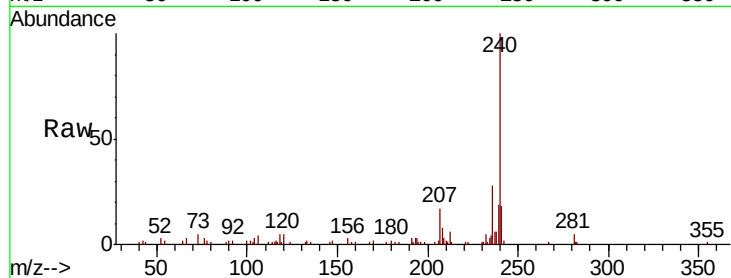




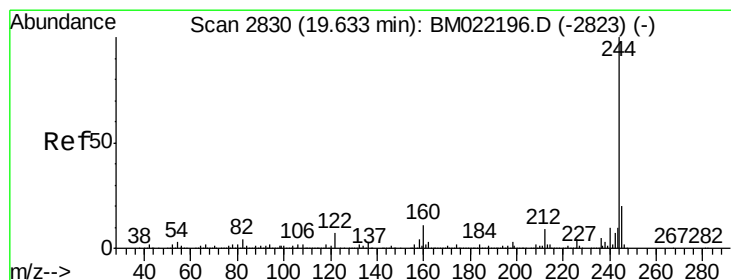
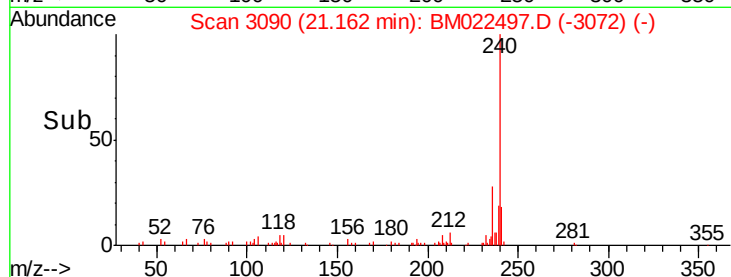
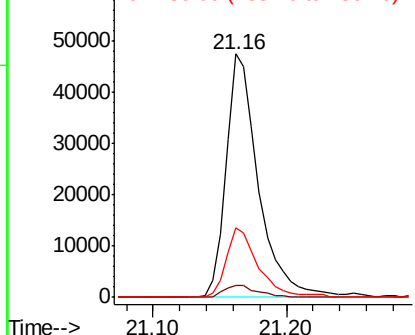
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. 0.01 min
Lab File: BM022497.D
Acq: 03 Sep 2019 11:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion:240 Resp: 80405
Ion Ratio Lower Upper
240 100
120 5.0 3.9 5.9
236 28.4 21.4 32.2

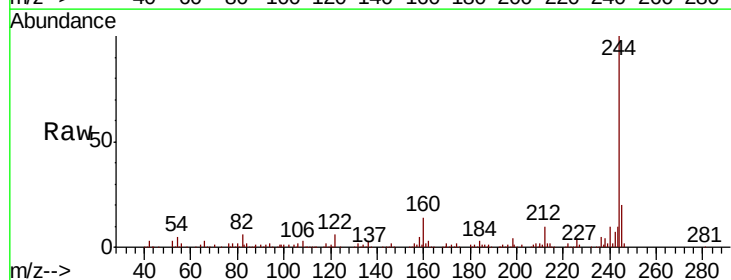


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

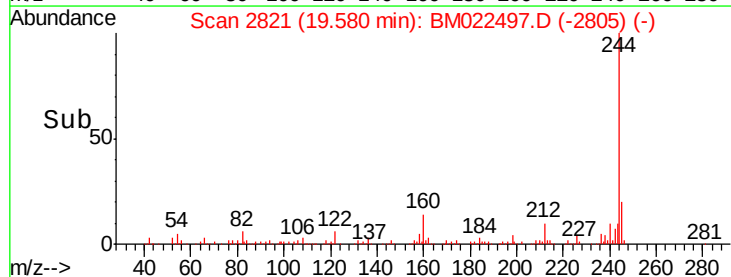
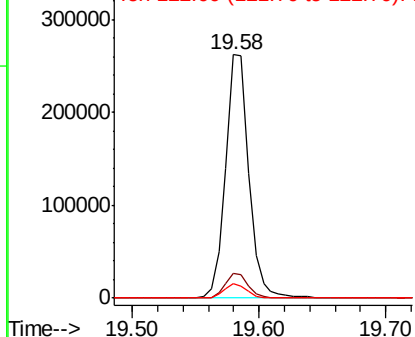


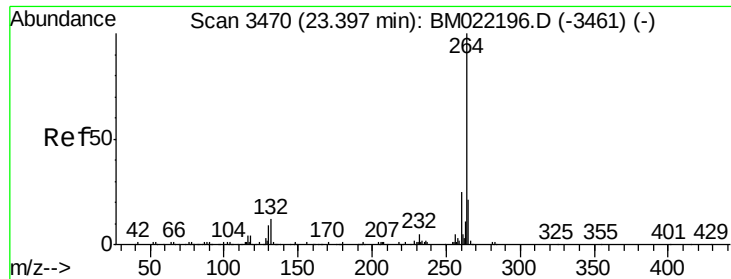
#79
Terphenyl-d14
Concen: 54.669 ng
RT: 19.58 min Scan# 2821
Delta R.T. -0.01 min
Lab File: BM022497.D
Acq: 03 Sep 2019 11:38

Tgt Ion:244 Resp: 333070
Ion Ratio Lower Upper
244 100
212 10.1 7.0 10.4
122 6.1 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
Pervlene-d12
Concen: 20.000 ng
RT: 23.35 min Scan# 3462
Delta R.T. 0.01 min
Lab File: BM022497.D
Acq: 03 Sep 2019 11:38

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.2	30.2
265	22.1	18.2	27.2

