

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051419\
 Data File : BM020332.D
 Acq On : 14 May 2019 14:51
 Operator : JU/SJ
 Sample : K2769-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 14 15:53:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 14 15:47:15 2019
 Response via : Initial Calibration

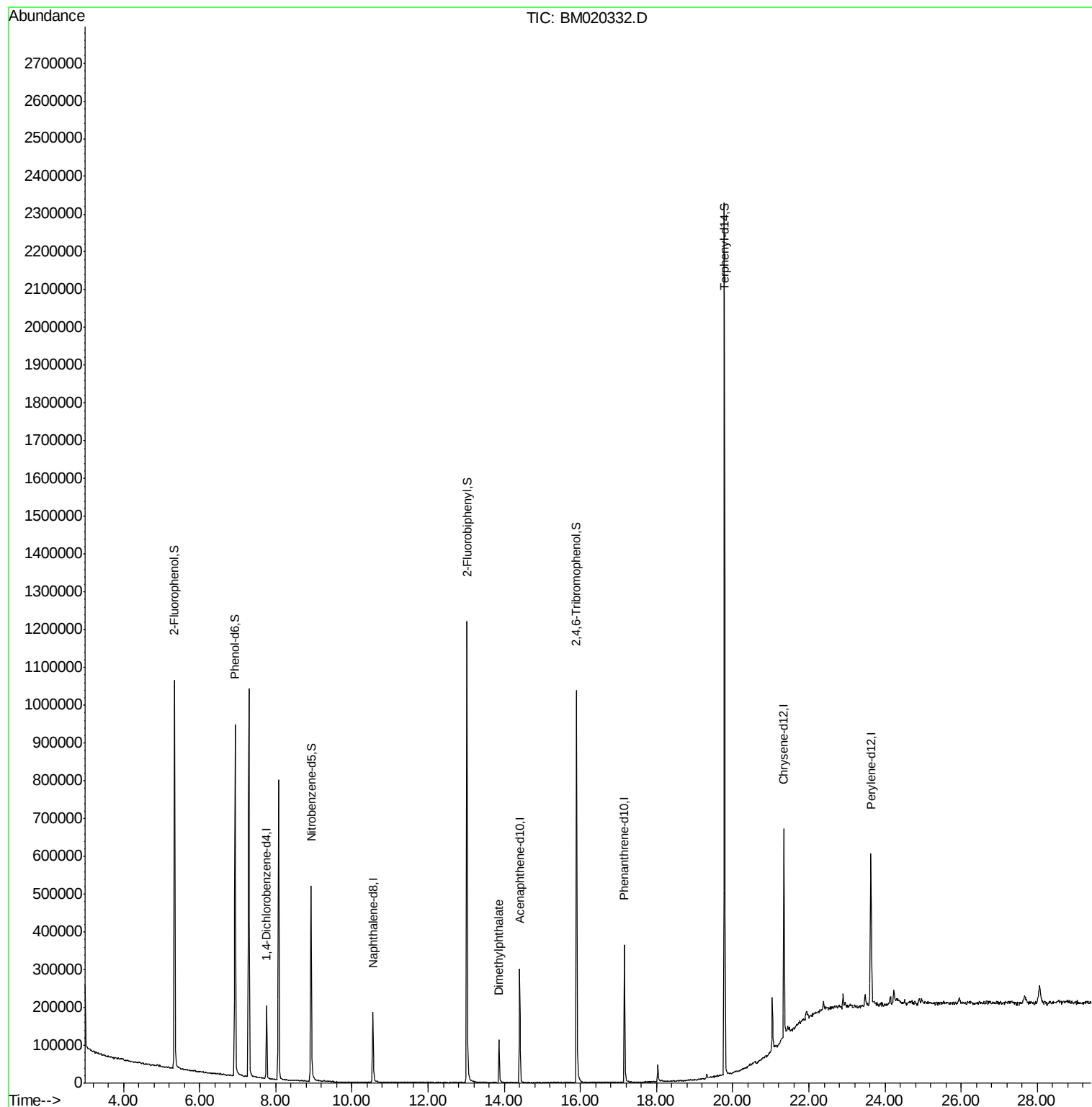
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	50691	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	165713	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	101944	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	241571	20.00	ng	0.00
76) Chrysene-d12	21.34	240	270514	20.00	ng	0.00
87) Perylene-d12	23.63	264	315471	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	426961	137.68	ng	0.00
7) Phenol-d6	6.93	99	537453	126.86	ng	0.00
23) Nitrobenzene-d5	8.93	82	364679	86.88	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	213177	134.72	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	671936	81.10	ng	0.00
79) Terphenyl-d14	19.79	244	1143837	73.75	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.86	163	80225	9.259	ng	Qvalue 100

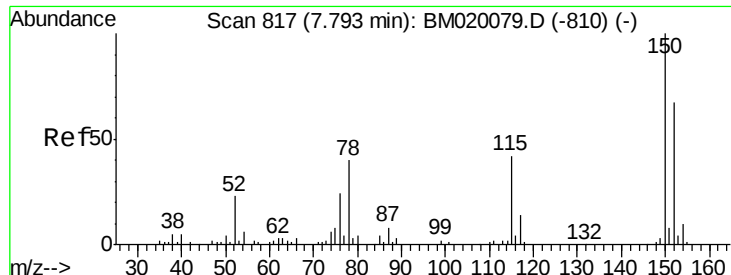
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 14 15:52:31 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 14 15:47:15 2019
Response via : Initial Calibration

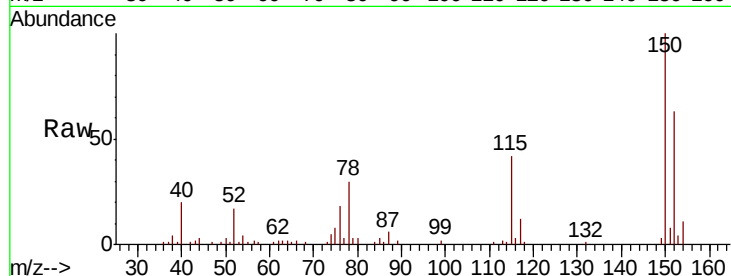




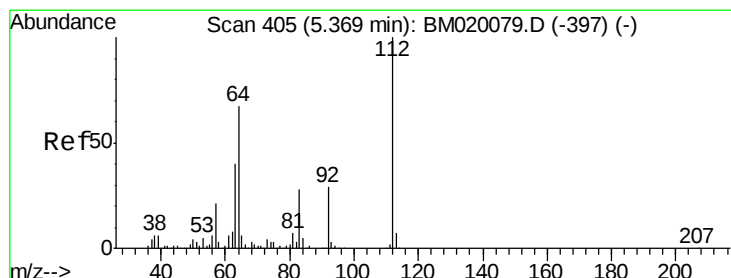
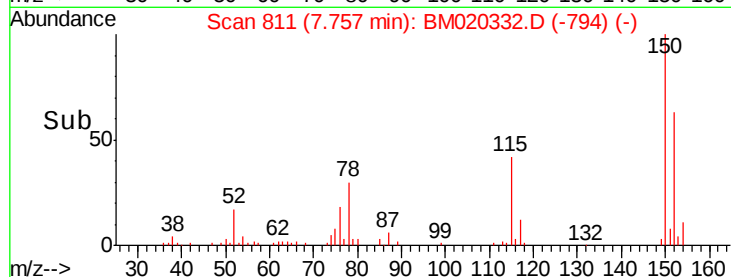
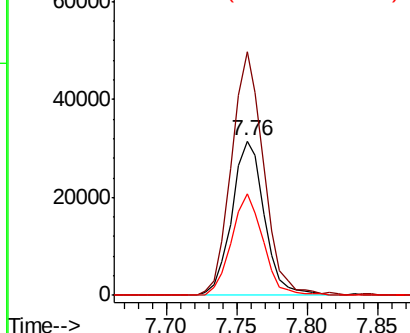
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.76 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BM020332.D
 Acq: 14 May 2019 14:51

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:152 Resp: 50691
 Ion Ratio Lower Upper
 152 100
 150 158.1 120.3 180.5
 115 66.1 49.2 73.8

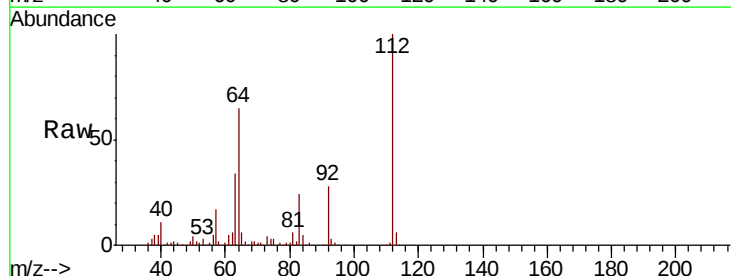


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

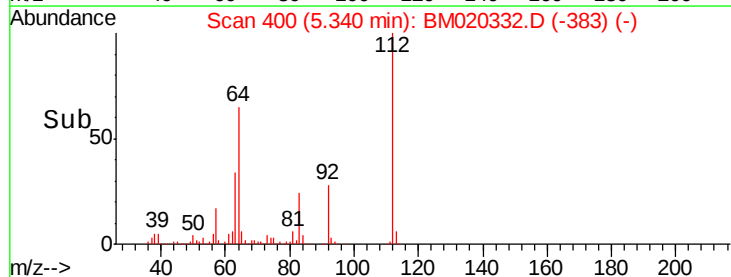
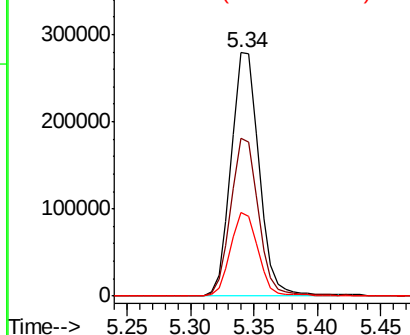


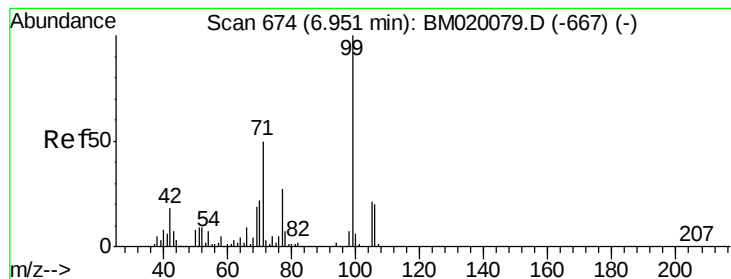
#5
 2-Fluorophenol
 Concen: 137.679 ng
 RT: 5.34 min Scan# 400
 Delta R.T. 0.00 min
 Lab File: BM020332.D
 Acq: 14 May 2019 14:51

Tgt Ion:112 Resp: 426961
 Ion Ratio Lower Upper
 112 100
 64 64.6 50.1 75.1
 63 34.4 27.4 41.2



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: 126.860 ng

RT: 6.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: BM020332.D

Acq: 14 May 2019 14:51

Instrument :

BNA_M

ClientSampleId :

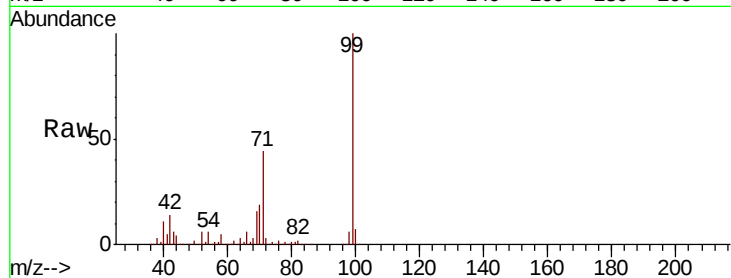
Tot Ion: 99 Resp: 537453

Ion Ratio Lower Upper

99 100

42 14.1 11.2 16.8

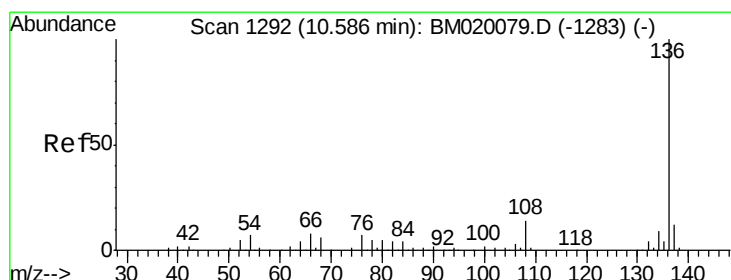
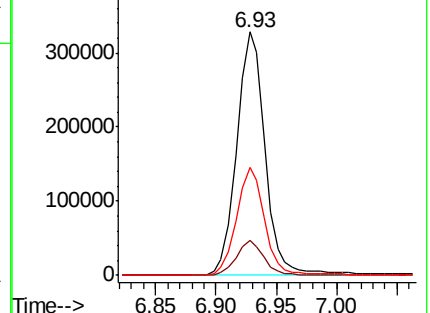
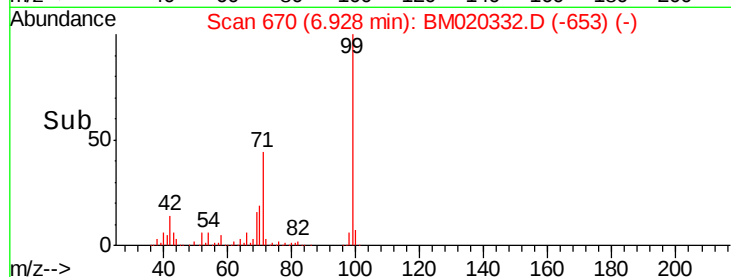
71 44.4 35.6 53.4



Abundance Ion 99.00 (98.70 to 99.70): BM020079.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020079.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020079.D (-667) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.55 min Scan# 1286

Delta R.T. 0.00 min

Lab File: BM020332.D

Acq: 14 May 2019 14:51

Tgt Ion: 136 Resp: 165713

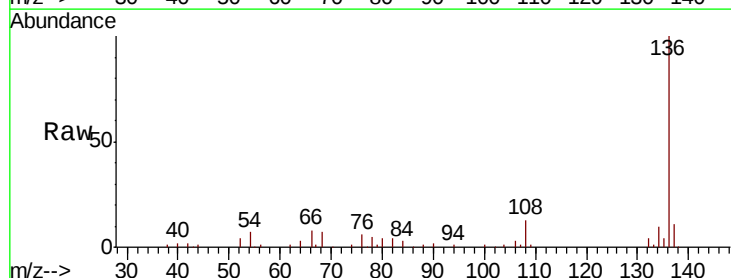
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.6

54 6.8 5.3 7.9

68 6.7 5.4 8.2

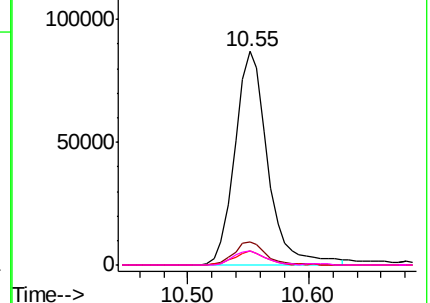
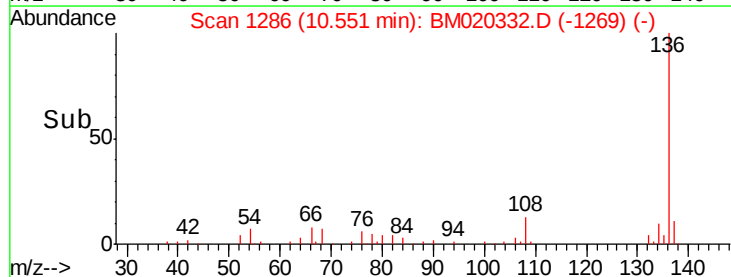


Abundance Ion 136.00 (135.70 to 136.70): BM020079.D (-1283) (-)

Ion 137.00 (136.70 to 137.70): BM020079.D (-1283) (-)

Ion 54.00 (53.70 to 54.70): BM020079.D (-1283) (-)

Ion 68.00 (67.70 to 68.70): BM020079.D (-1283) (-)

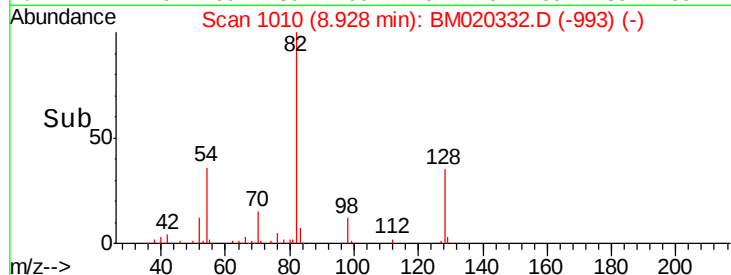
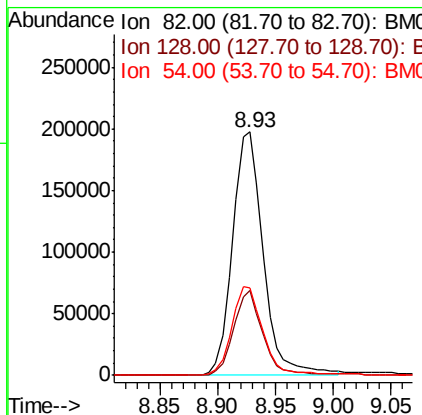
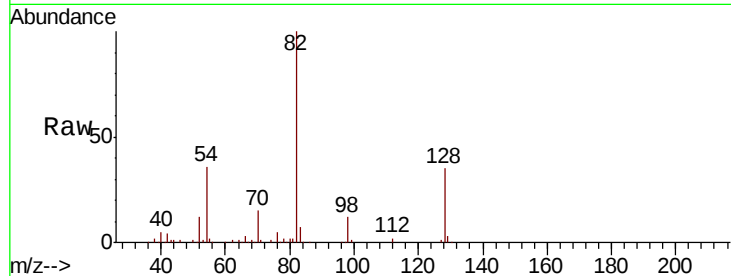




#23
 Nitrobenzene-d5
 Concen: 86.883 ng
 RT: 8.93 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BM020332.D
 Acq: 14 May 2019 14:51

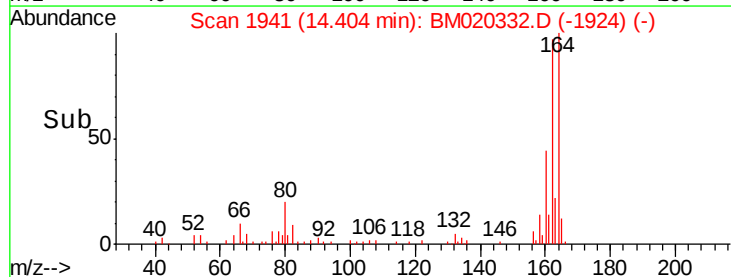
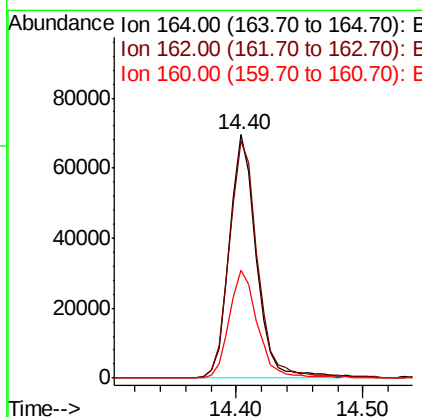
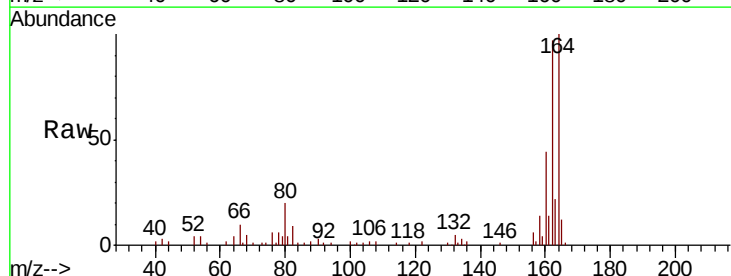
Instrument :
 BNA_M
 ClientSampled :

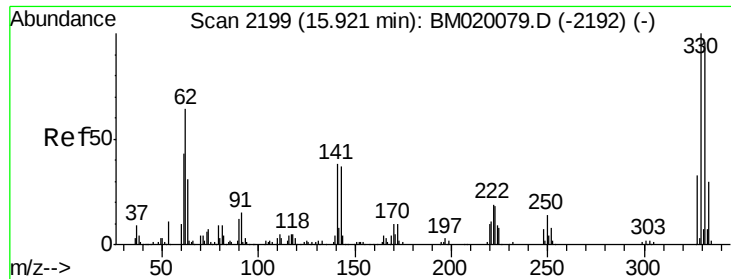
Tot Ion	82	Resp	364679
Ion Ratio	Lower	Upper	
82	100		
128	34.7	26.9	40.3
54	36.0	28.6	43.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.40 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: BM020332.D
 Acq: 14 May 2019 14:51

Tgt Ion	164	Resp	101944
Ion Ratio	Lower	Upper	
164	100		
162	97.5	77.5	116.3
160	44.2	35.8	53.6

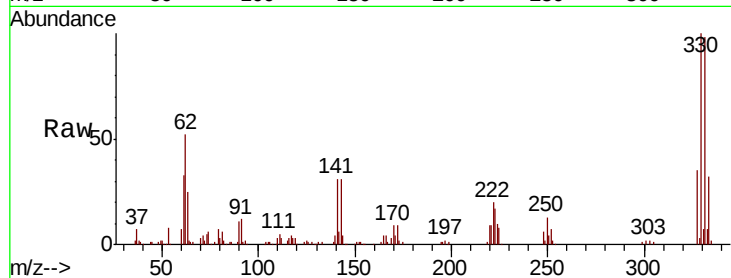




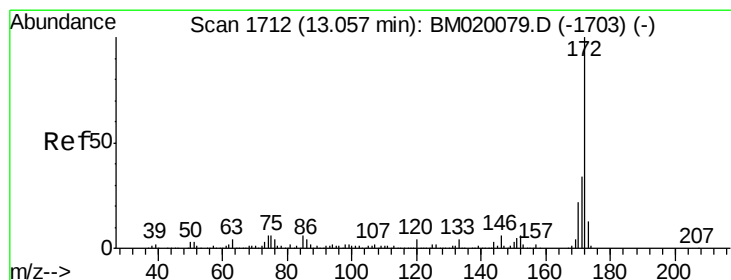
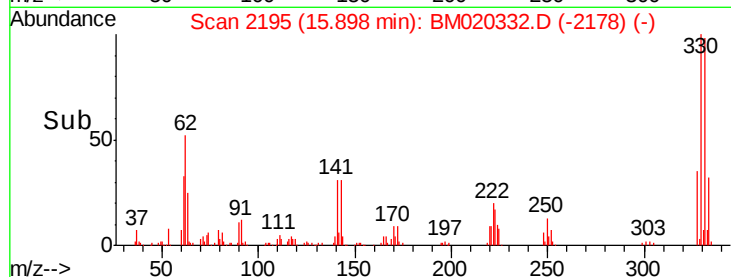
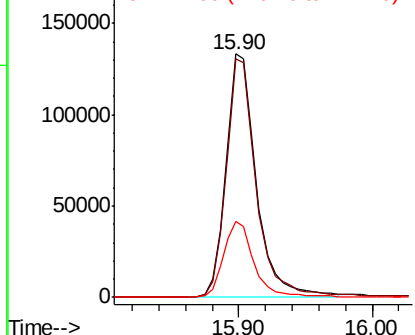
#42
 2,4,6-Tribromophenol
 Concen: 134.721 ng
 RT: 15.90 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: BM020332.D
 Acq: 14 May 2019 14:51

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.6	116.4
141	31.4	25.7	38.5

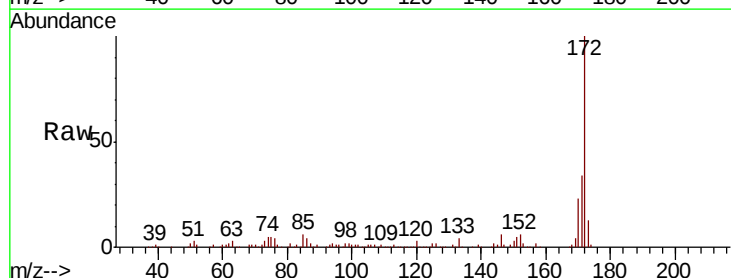


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

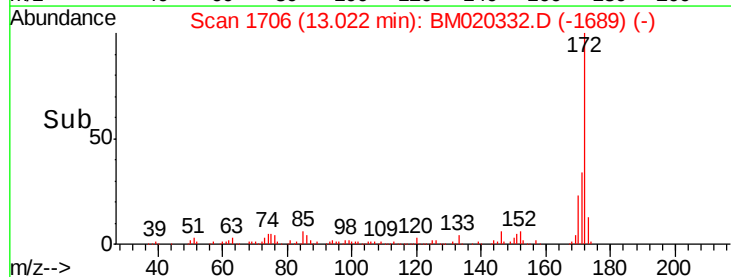
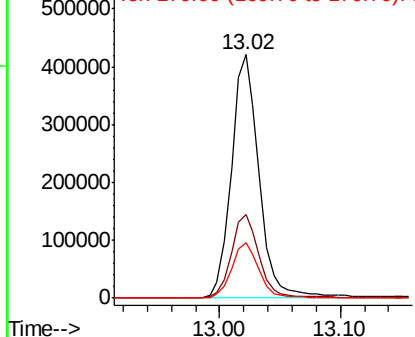


#45
 2-Fluorobiphenyl
 Concen: 81.096 ng
 RT: 13.02 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: BM020332.D
 Acq: 14 May 2019 14:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.2	42.4
170	22.5	18.3	27.5



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

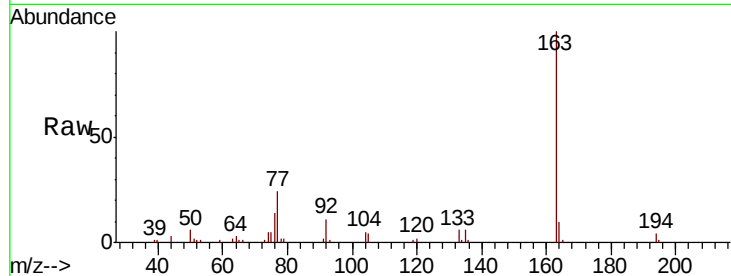




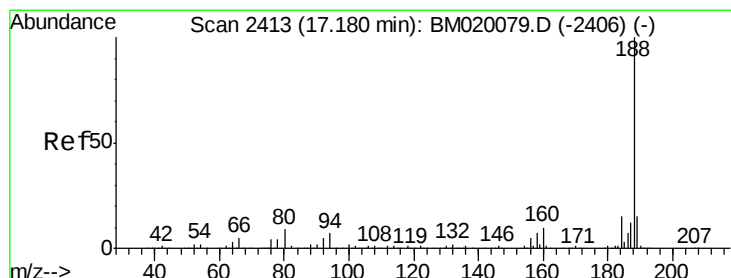
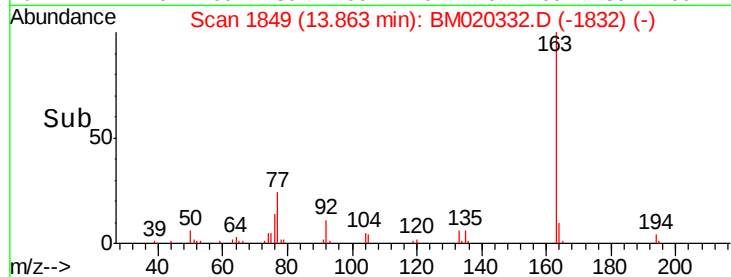
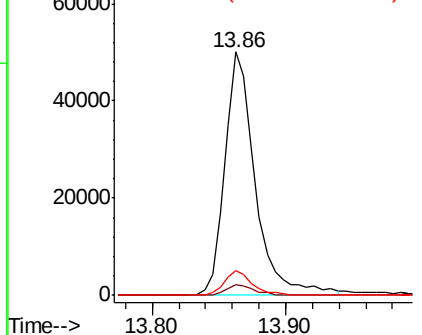
#50
Dimethylphthalate
Concen: 9.259 ng
RT: 13.86 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BM020332.D
Acq: 14 May 2019 14:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion:163 Resp: 80225
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.0 8.2 12.2

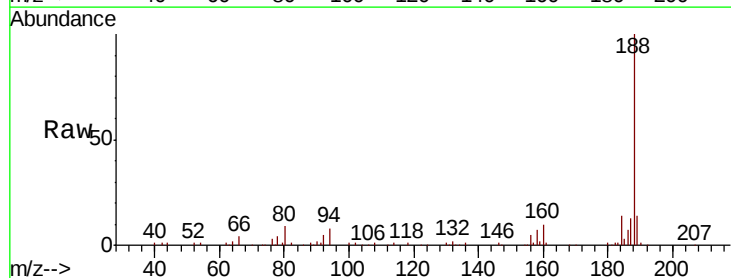


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

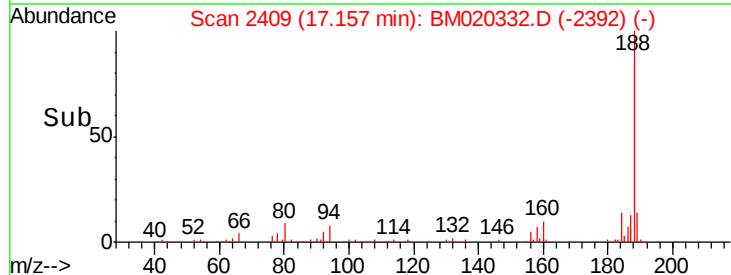
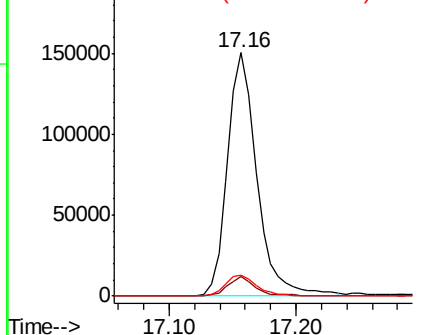


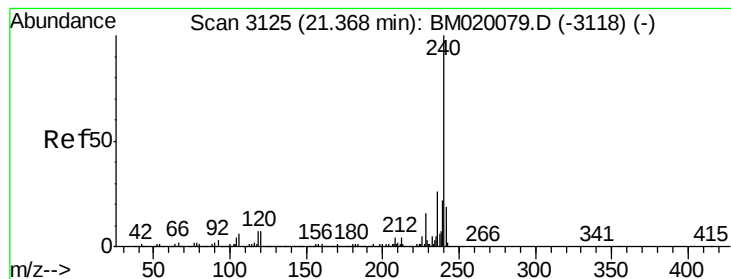
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2409
Delta R.T. 0.00 min
Lab File: BM020332.D
Acq: 14 May 2019 14:51

Tgt Ion:188 Resp: 241571
Ion Ratio Lower Upper
188 100
94 8.0 5.8 8.6
80 8.8 7.4 11.2



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: 21.34 min Scan# 3121

Delta R.T. 0.00 min

Lab File: BM020332.D

Acq: 14 May 2019 14:51

Instrument :

BNA_M

ClientSampled :

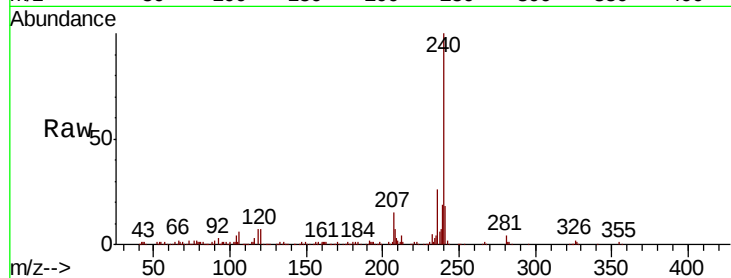
Tot Ion:240 Resp: 270514

Ion Ratio Lower Upper

240 100

120 7.3 6.1 9.1

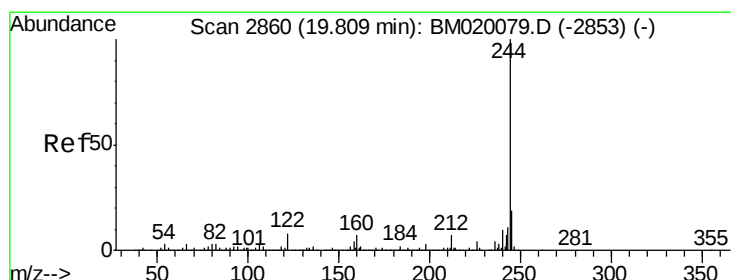
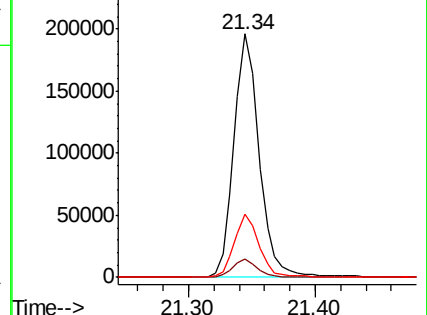
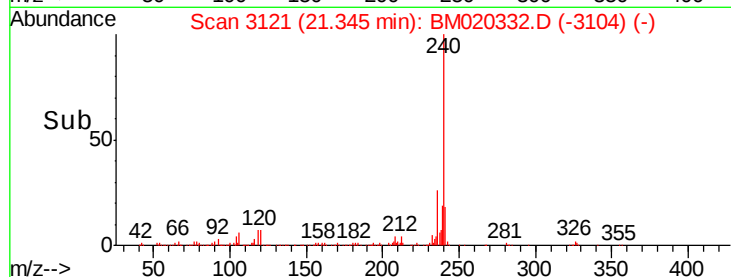
236 25.7 20.2 30.2



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: 73.752 ng

RT: 19.79 min Scan# 2856

Delta R.T. 0.01 min

Lab File: BM020332.D

Acq: 14 May 2019 14:51

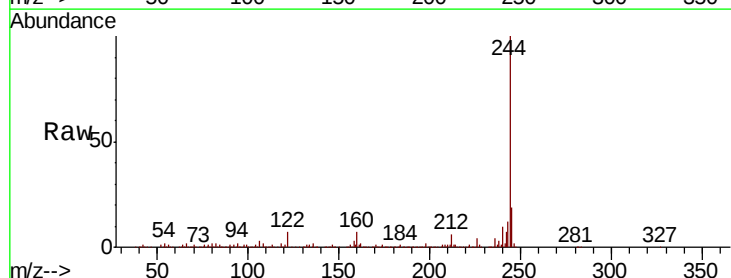
Tgt Ion:244 Resp: 1143837

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

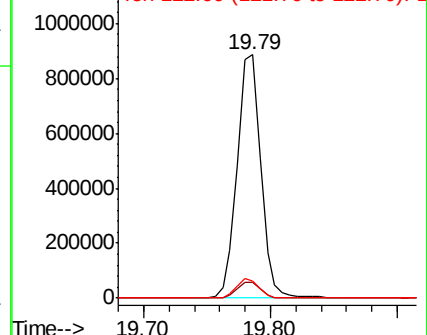
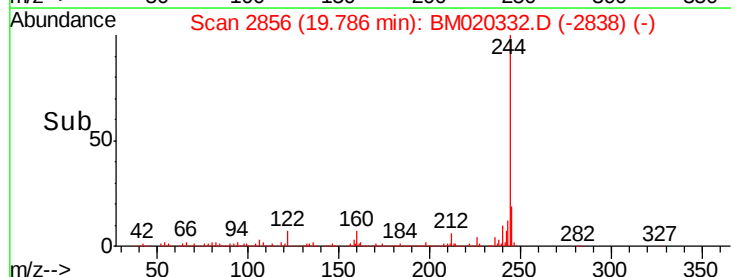
122 6.8 6.3 9.5

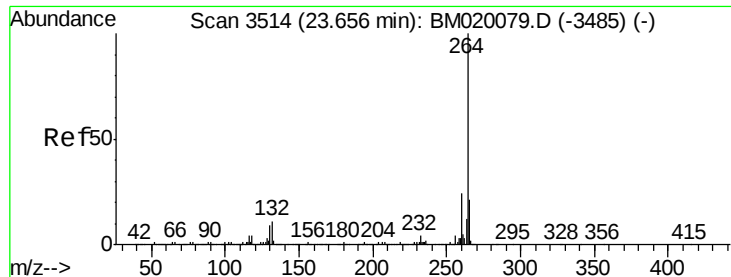


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.63 min Scan# 3509
 Delta R.T. 0.00 min
 Lab File: BM020332.D
 Acq: 14 May 2019 14:51

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	22.7	18.1	27.1	
265	23.4	17.6	26.4	

