

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051019\
 Data File : BM020240.D
 Acq On : 10 May 2019 14:03
 Operator : JU/SJ
 Sample : K2746-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19

Quant Time: May 11 01:47:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

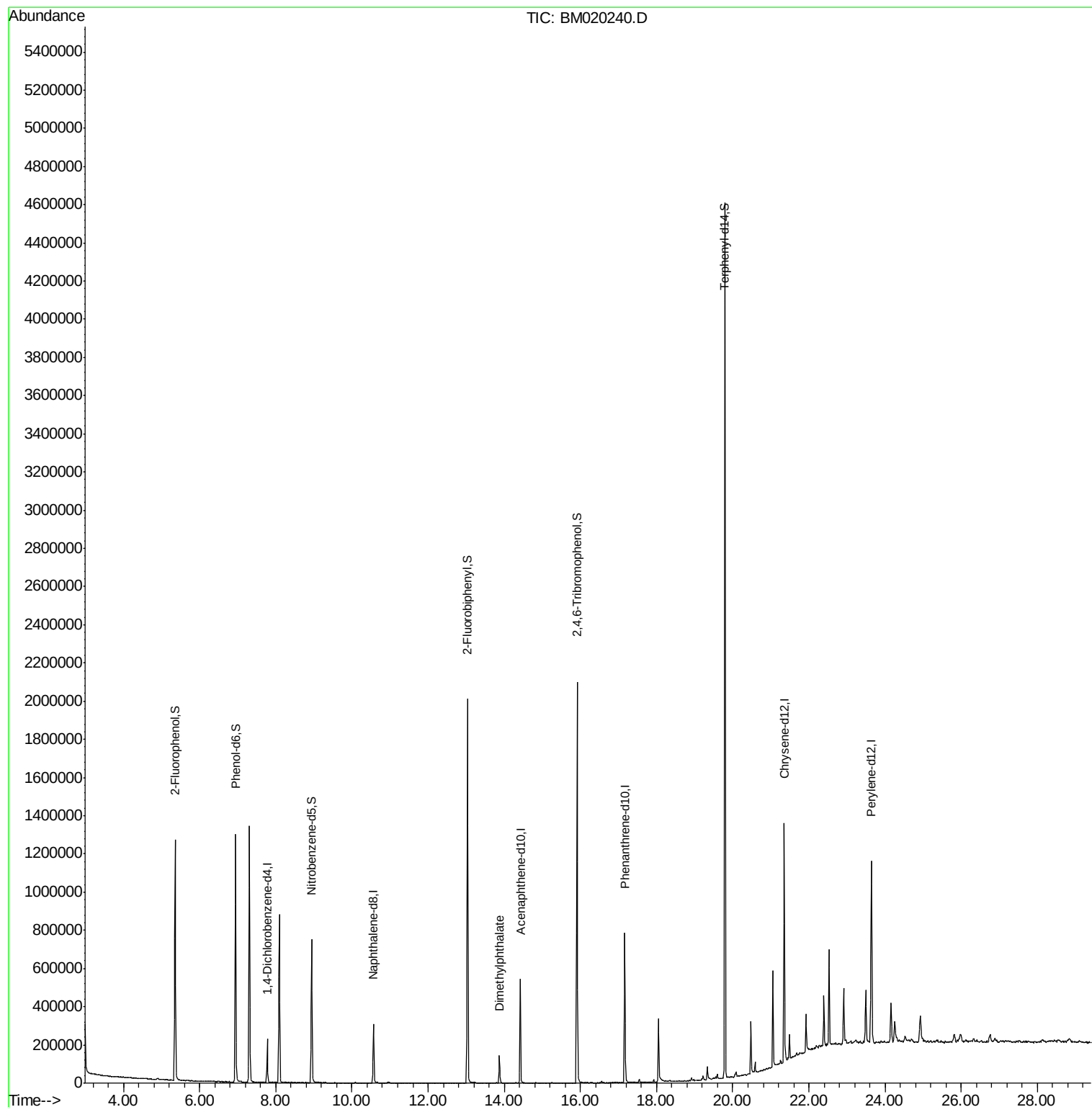
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	58525	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	245471	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	178935	20.00	ng	-0.02
64) Phenanthrene-d10	17.17	188	474132	20.00	ng	-0.01
76) Chrysene-d12	21.36	240	580162	20.00	ng	-0.01
87) Perylene-d12	23.64	264	722030	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	504397	140.88	ng	-0.01
7) Phenol-d6	6.95	99	733451	149.95	ng	0.00
23) Nitrobenzene-d5	8.94	82	491115	78.99	ng	-0.02
42) 2,4,6-Tribromophenol	15.92	330	397800	143.23	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1034589	71.14	ng	-0.02
79) Terphenyl-d14	19.79	244	2187206	65.76	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.87	163	90462	5.948	ng	Qvalue 98

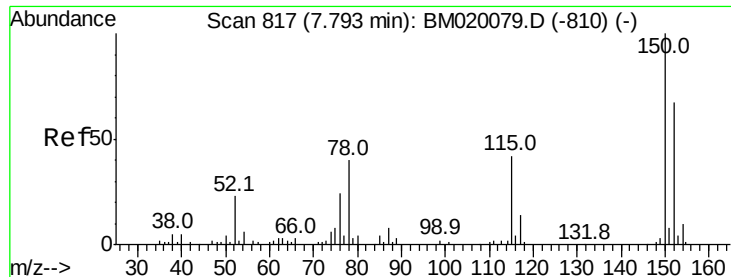
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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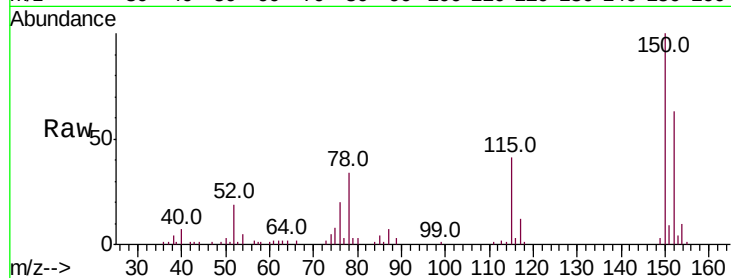


#1

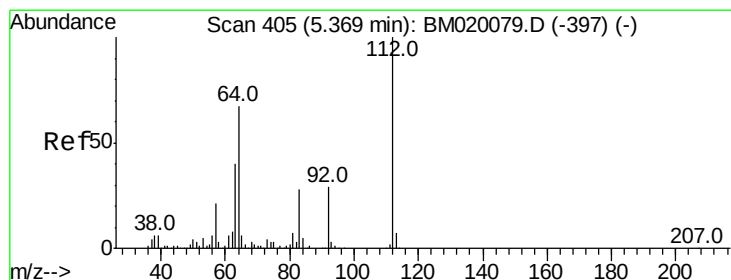
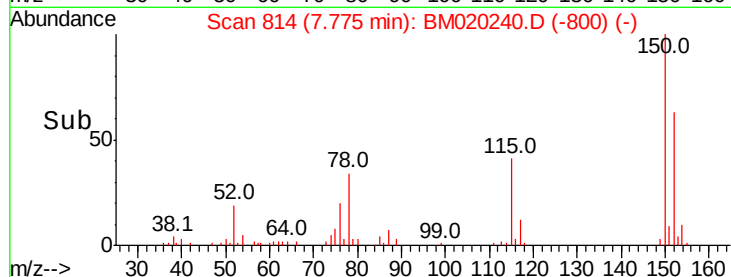
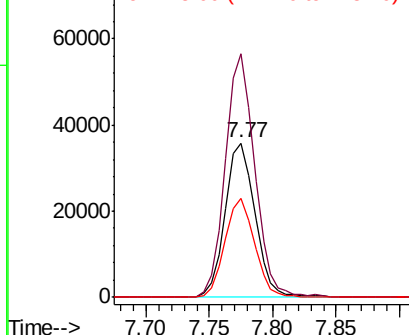
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.77 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BM020240.D
 Acq: 10 May 2019 14:03

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	119.8	179.8
115	64.2	50.8	76.2



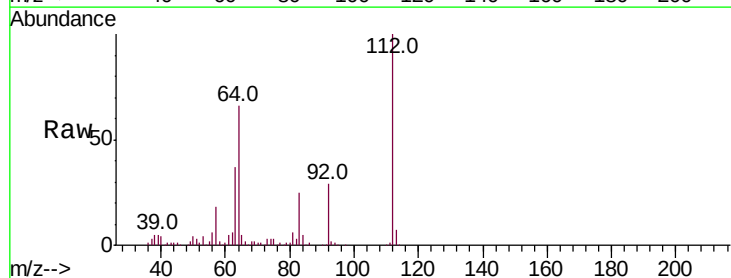
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



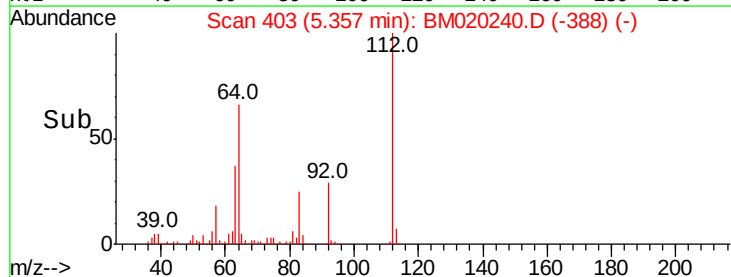
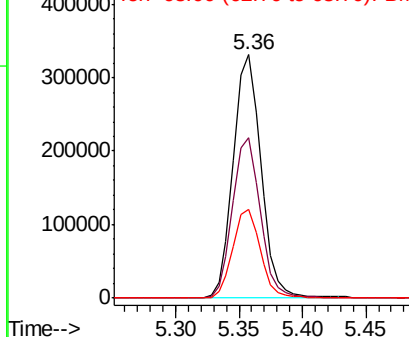
#5

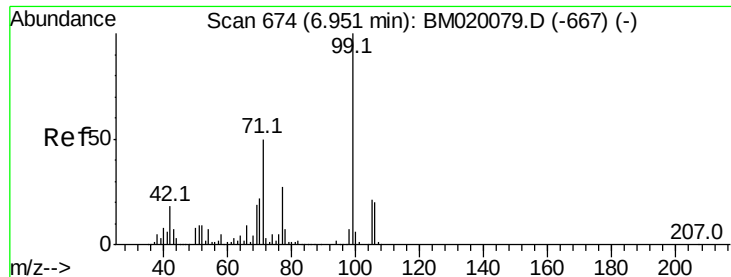
2-Fluorophenol
 Concen: 140.877 ng
 RT: 5.36 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: BM020240.D
 Acq: 10 May 2019 14:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.1	53.8	80.6
63	36.5	32.3	48.5



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: 149.949 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM020240.D

Acq: 10 May 2019 14:03

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19

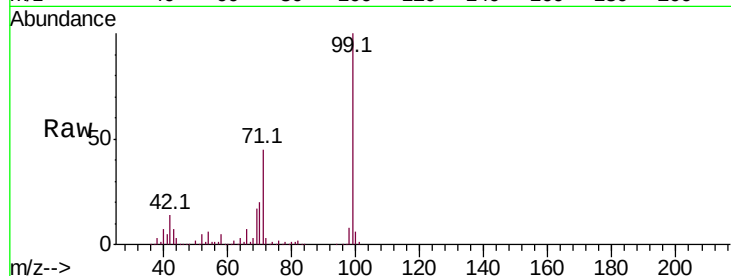
Tot Ion: 99 Resp: 733451

Ion Ratio Lower Upper

99 100

42 14.5 14.2 21.2

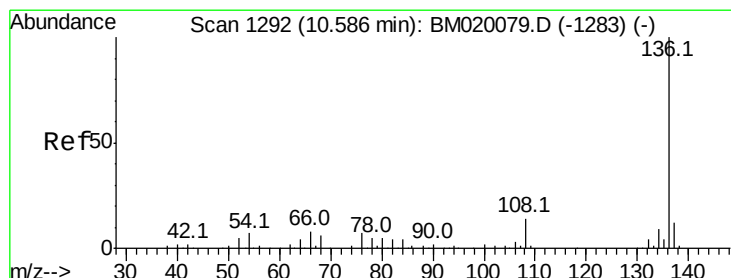
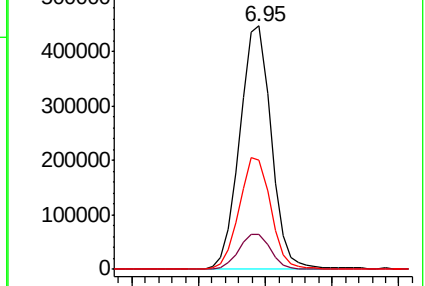
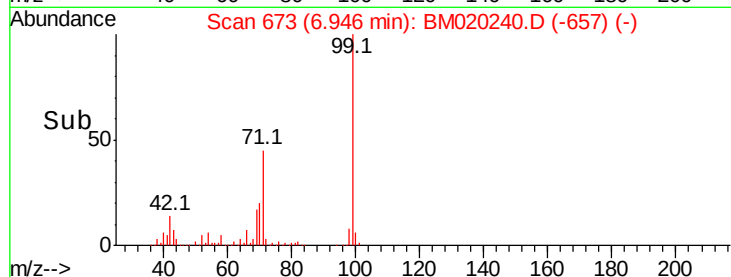
71 45.0 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020240.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020240.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020240.D (-667) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BM020240.D

Acq: 10 May 2019 14:03

Tgt Ion: 136 Resp: 245471

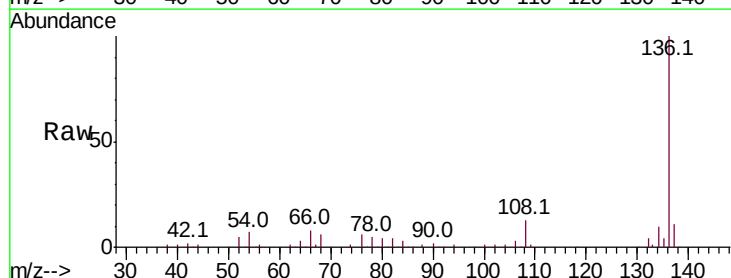
Ion Ratio Lower Upper

136 100

137 11.1 9.6 14.4

54 6.5 5.5 8.3

68 6.5 4.6 6.8

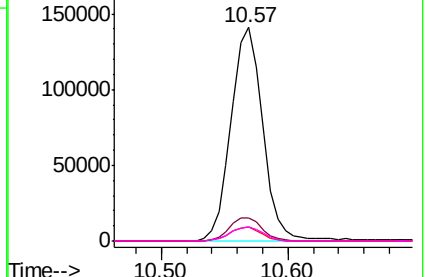
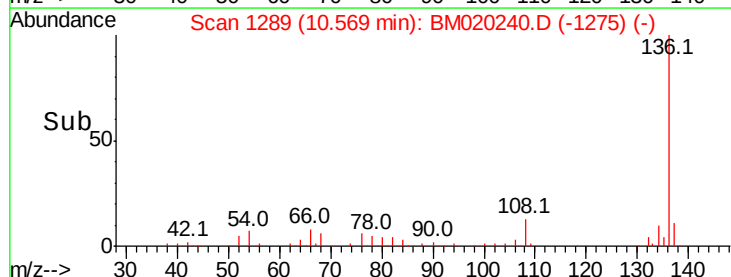


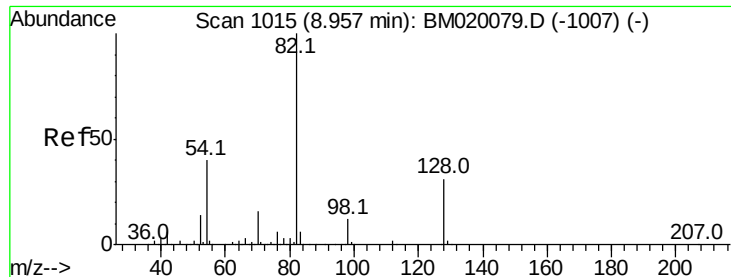
Abundance Ion 136.00 (135.70 to 136.70): BM020240.D (-1283) (-)

Ion 137.00 (136.70 to 137.70): BM020240.D (-1283) (-)

Ion 54.00 (53.70 to 54.70): BM020240.D (-1283) (-)

Ion 68.00 (67.70 to 68.70): BM020240.D (-1283) (-)

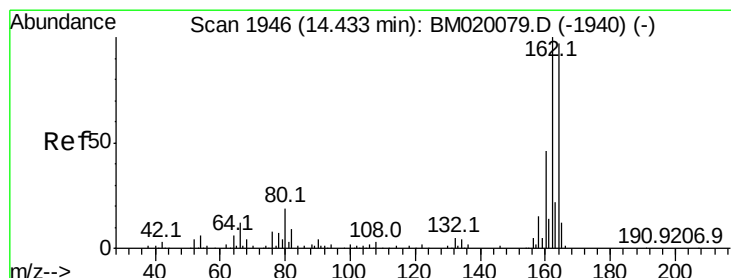
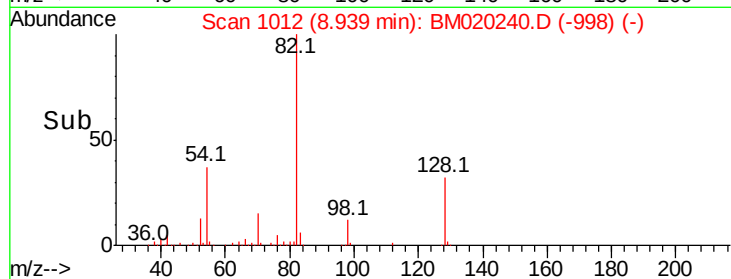
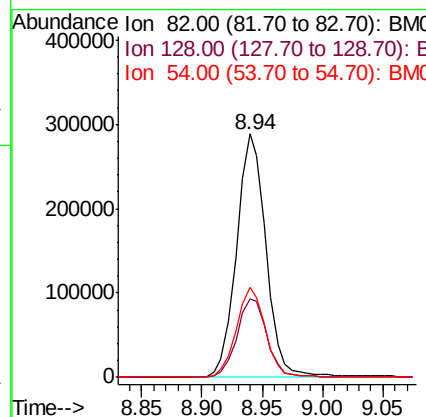
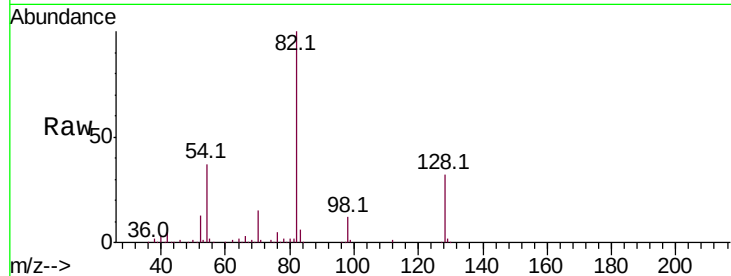




#23
Nitrobenzene-d5
Concen: 78.988 ng
RT: 8.94 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BM020240.D
Acq: 10 May 2019 14:03

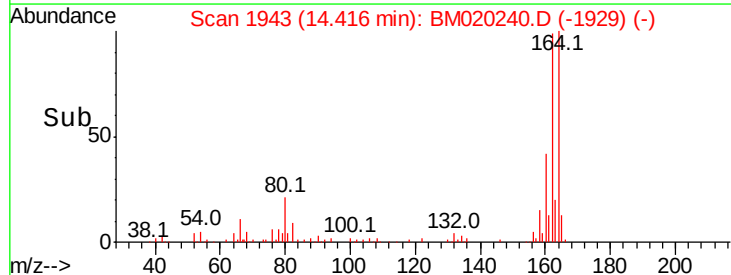
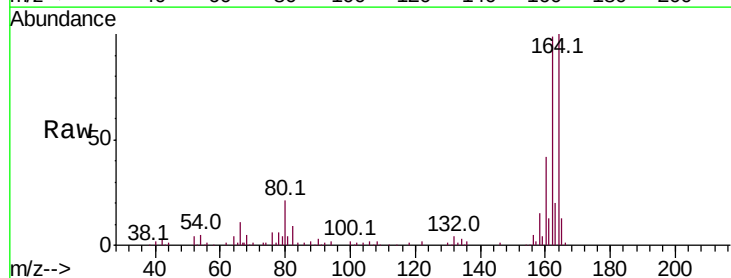
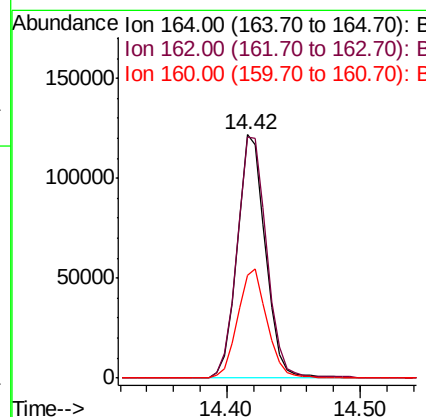
Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19

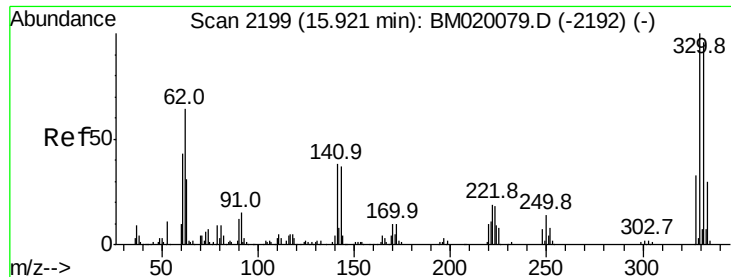
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.3	25.2	37.8
54	36.9	31.9	47.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.42 min Scan# 1943
Delta R.T. -0.02 min
Lab File: BM020240.D
Acq: 10 May 2019 14:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.0	82.2	123.2
160	42.3	37.6	56.4

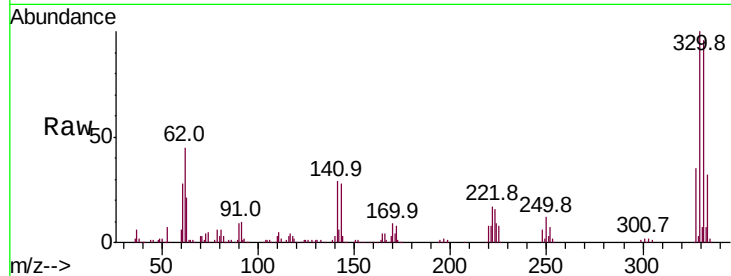




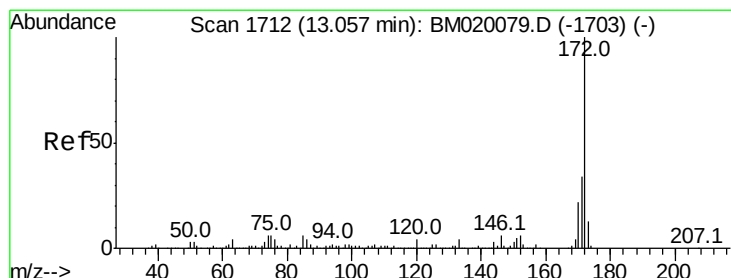
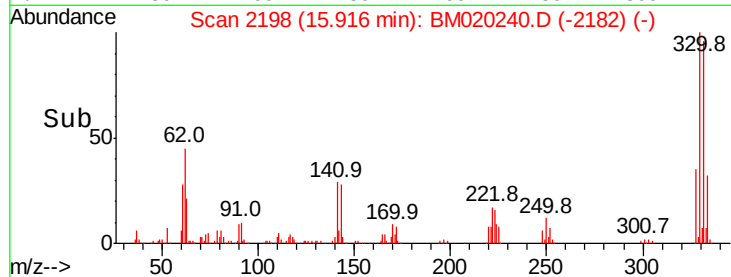
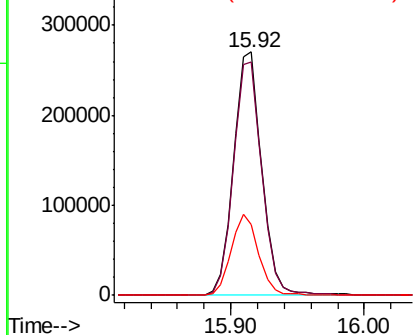
#42
 2,4,6-Tribromophenol
 Concen: 143.227 ng
 RT: 15.92 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BM020240.D
 Acq: 10 May 2019 14:03

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.8	115.2
141	32.5	29.2	43.8

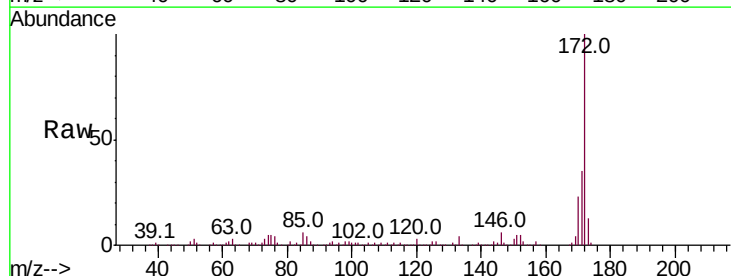


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

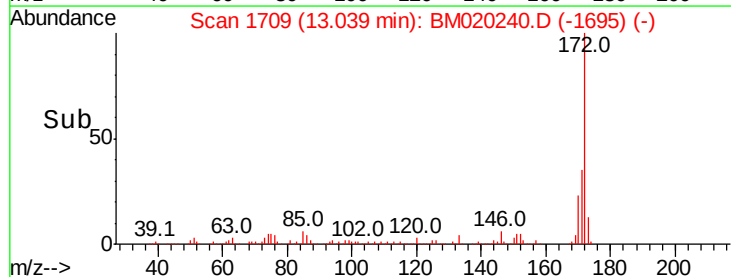
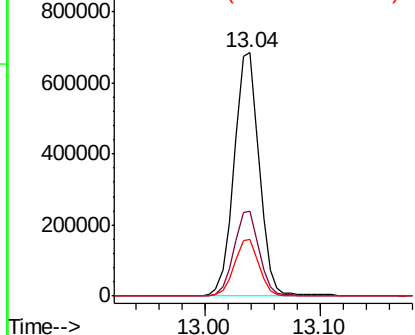


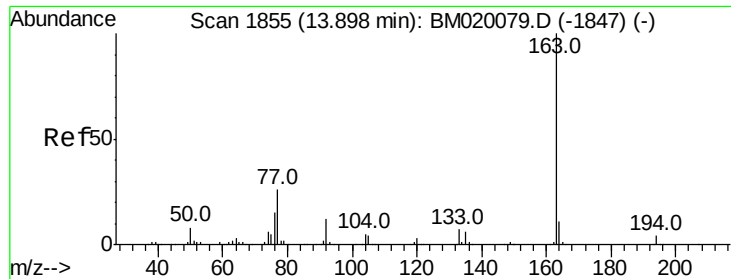
#45
 2-Fluorobiphenyl
 Concen: 71.139 ng
 RT: 13.04 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BM020240.D
 Acq: 10 May 2019 14:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.3	40.9
170	23.1	17.9	26.9



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: 5.948 ng

RT: 13.87 min Scan# 1851

Delta R.T. -0.02 min

Lab File: BM020240.D

Acq: 10 May 2019 14:03

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19

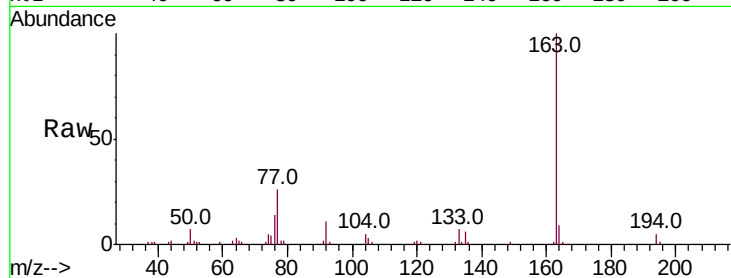
Tot Ion:163 Resp: 90462

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

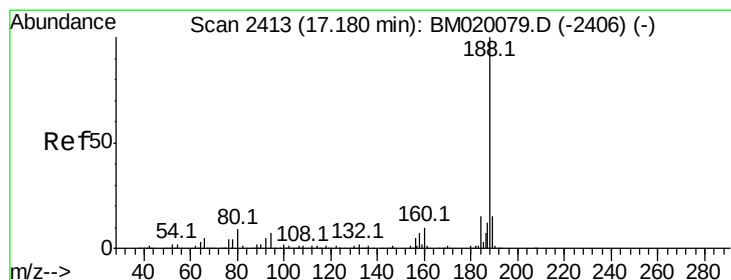
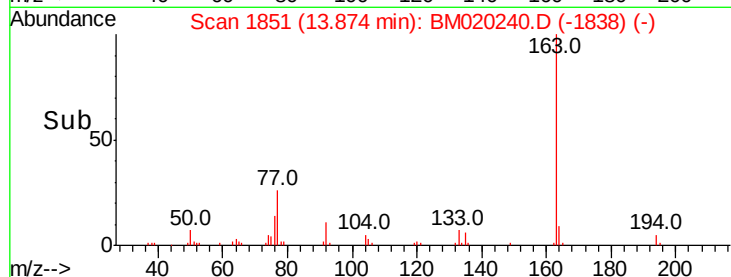
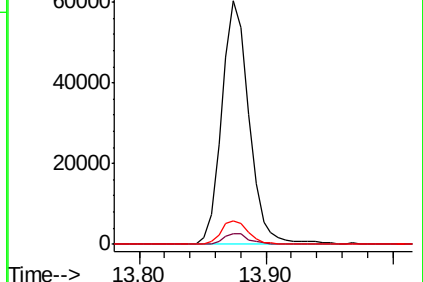
164 9.4 8.4 12.6



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: 17.17 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BM020240.D

Acq: 10 May 2019 14:03

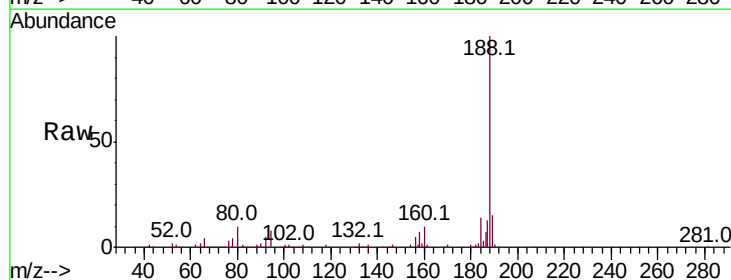
Tgt Ion:188 Resp: 474132

Ion Ratio Lower Upper

188 100

94 7.6 5.8 8.6

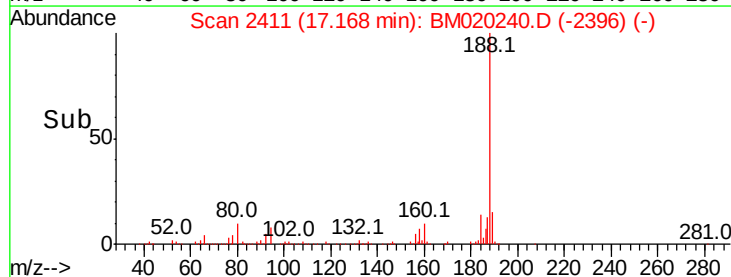
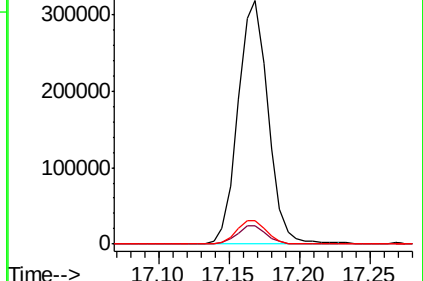
80 9.8 7.4 11.2

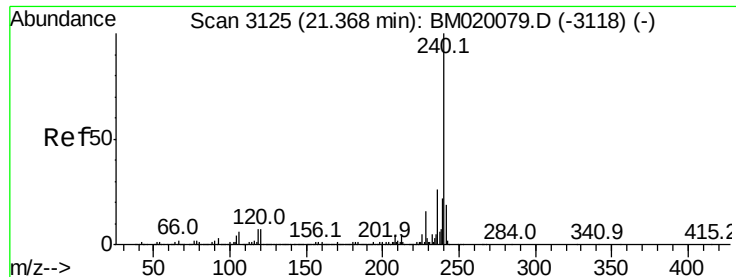


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM020240.D

Acq: 10 May 2019 14:03

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19

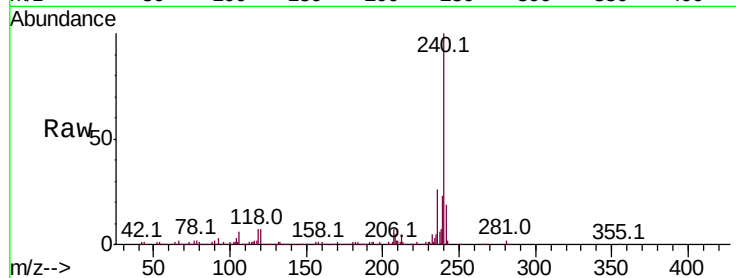
Tot Ion:240 Resp: 580162

Ion Ratio Lower Upper

240 100

120 6.9 5.6 8.4

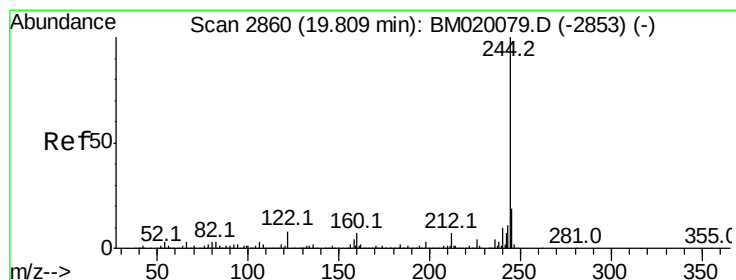
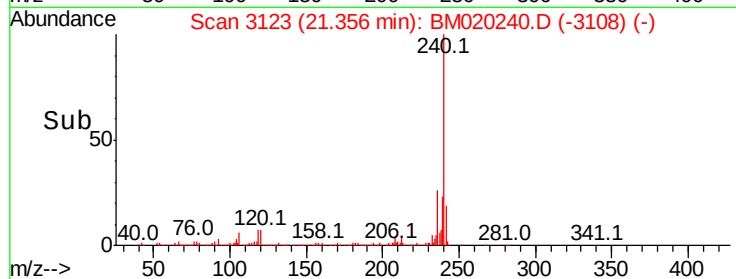
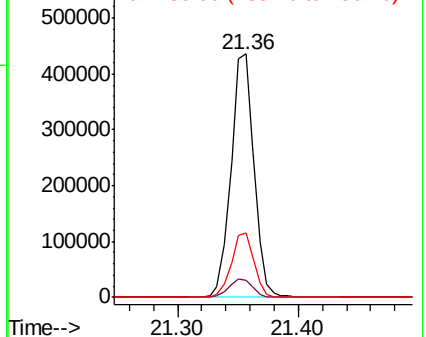
236 26.2 20.9 31.3



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: 65.757 ng

RT: 19.79 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BM020240.D

Acq: 10 May 2019 14:03

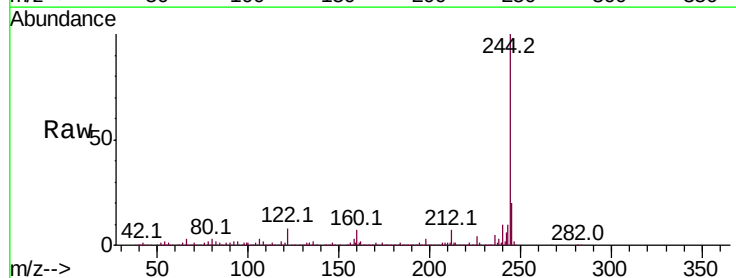
Tgt Ion:244 Resp: 2187206

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

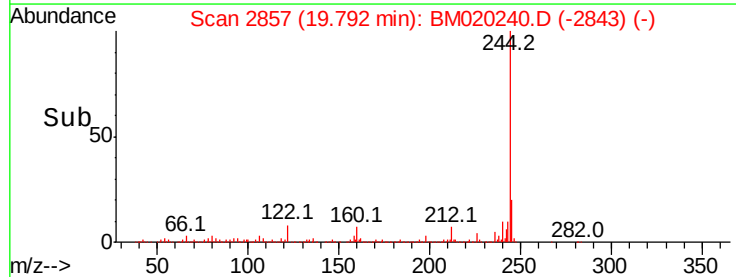
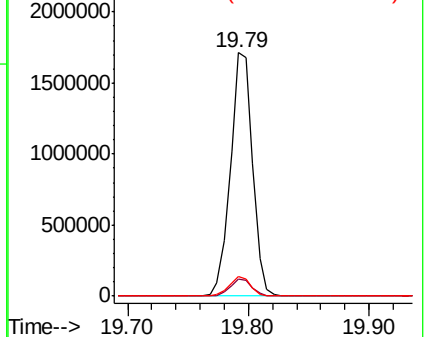
122 8.3 6.2 9.2

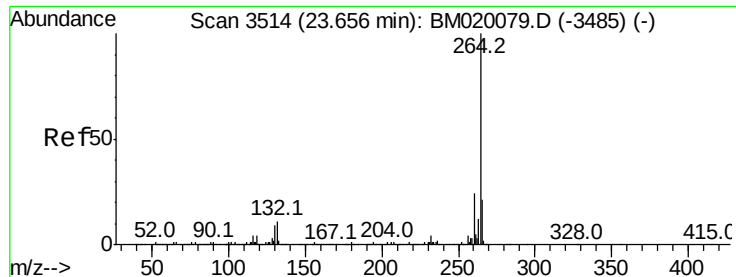


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.64 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BM020240.D
Acq: 10 May 2019 14:03

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.9	16.9	25.3

