

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\
 Data File : BM020117.D
 Acq On : 03 May 2019 18:16
 Operator : JU/SJ
 Sample : K2584-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSSI-0419-S-DH-7

Quant Time: May 03 18:51:22 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

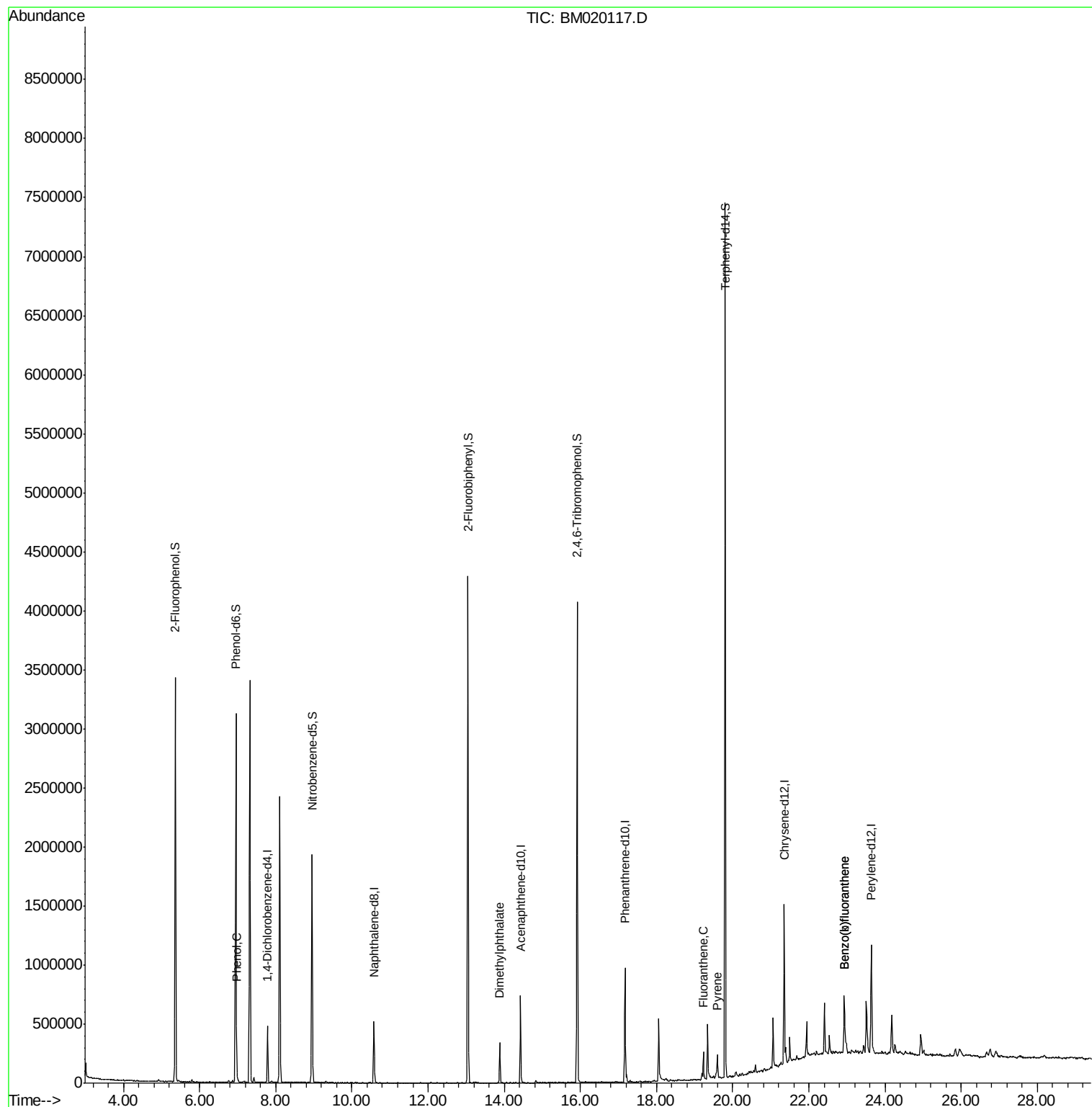
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	114421	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	392220	20.00	ng	-0.01
39) Acenaphthene-d10	14.43	164	230519	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	539422	20.00	ng	0.00
76) Chrysene-d12	21.36	240	569440	20.00	ng	-0.01
87) Perylene-d12	23.64	264	663538	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1167819	166.83	ng	0.00
7) Phenol-d6	6.95	99	1639006	171.39	ng	0.00
23) Nitrobenzene-d5	8.95	82	1170340	117.80	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	676623	189.10	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	2069512	110.46	ng	-0.01
79) Terphenyl-d14	19.80	244	3308727	101.35	ng	-0.01
Target Compounds						
10) Phenol	6.97	94	89605	8.704	ng	99
50) Dimethylphthalate	13.89	163	197999	10.106	ng	99
75) Fluoranthene	19.23	202	123500	3.278	ng	98
78) Pyrene	19.59	202	117427	3.071	ng	99
88) Benzo(b)fluoranthene	22.94	252	100656	2.297	ng	# 95
89) Benzo(k)fluoranthene	22.94	252	98347	2.461	ng	# 95

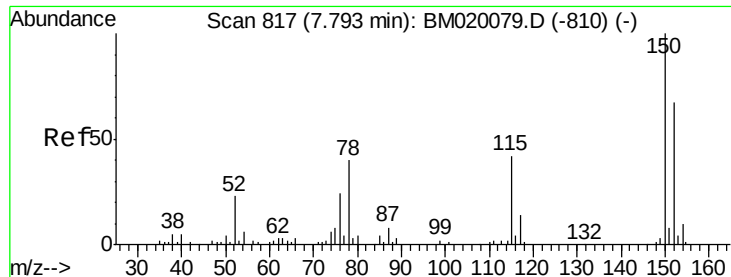
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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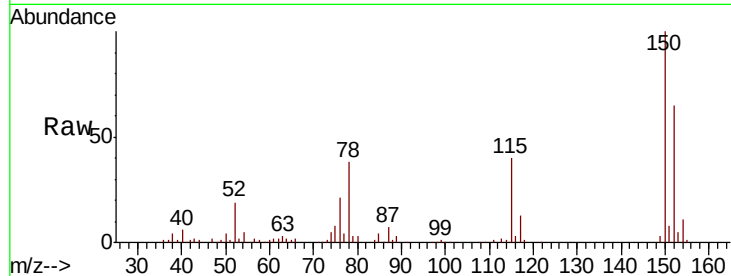


#1

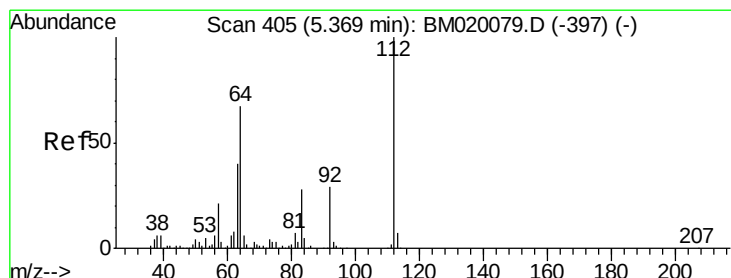
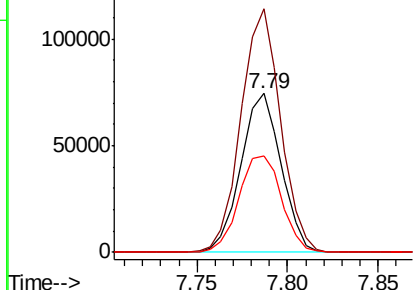
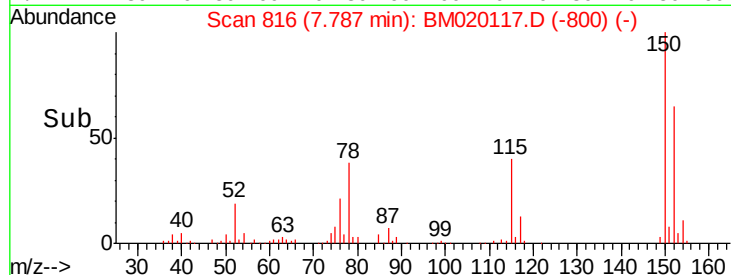
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020117.D
Acq: 03 May 2019 18:16

Instrument :
BNA_M
ClientSampleId :
SSSI-0419-S-DH-7

Tot Ion:152 Resp: 114421
Ion Ratio Lower Upper
152 100
150 153.3 119.8 179.8
115 60.8 50.8 76.2



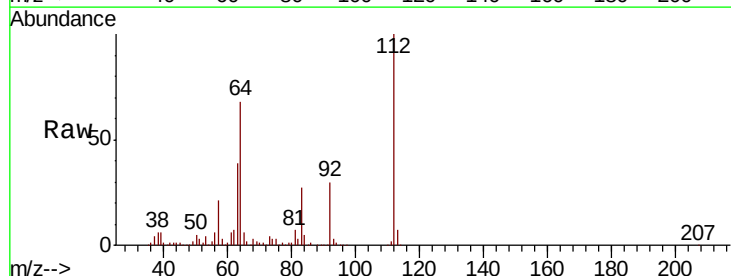
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



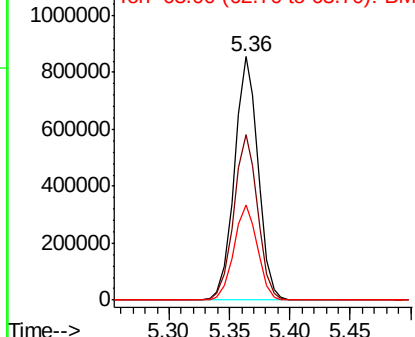
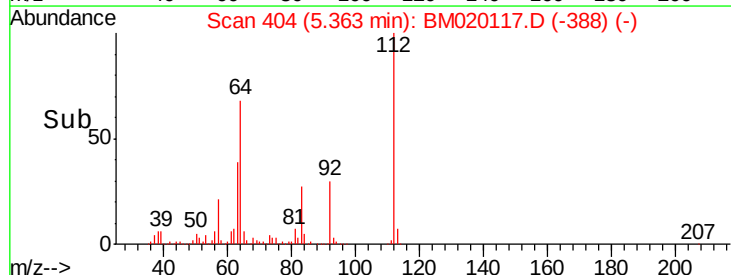
#5

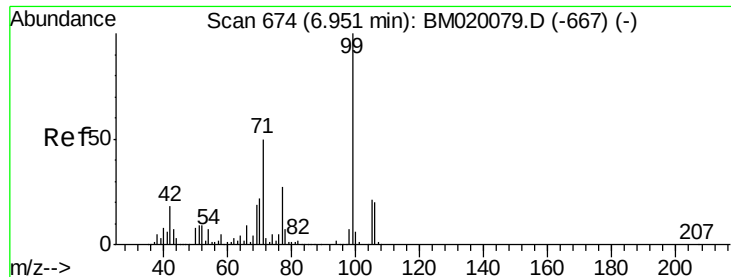
2-Fluorophenol
Concen: 166.832 ng
RT: 5.36 min Scan# 404
Delta R.T. -0.01 min
Lab File: BM020117.D
Acq: 03 May 2019 18:16

Tgt Ion:112 Resp: 1167819
Ion Ratio Lower Upper
112 100
64 68.1 53.8 80.6
63 39.1 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: 171.391 ng

RT: 6.95 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM020117.D

Acq: 03 May 2019 18:16

Instrument :

BNA_M

ClientSampleId :

SSSI-0419-S-DH-7

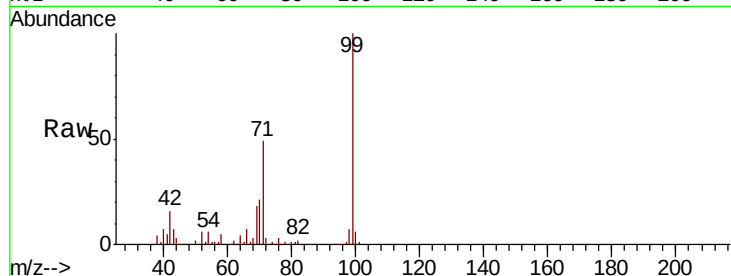
Tot Ion: 99 Resp: 1639006

Ion Ratio Lower Upper

99 100

42 15.7 14.2 21.2

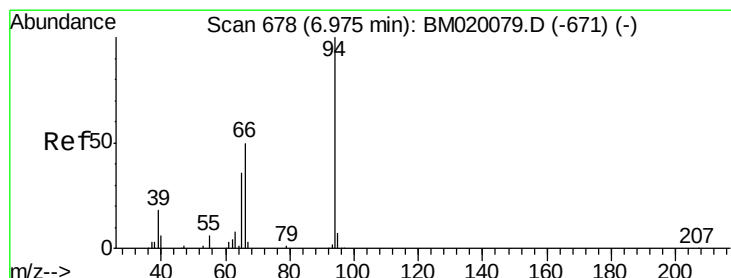
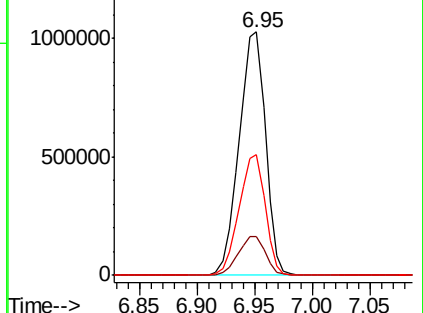
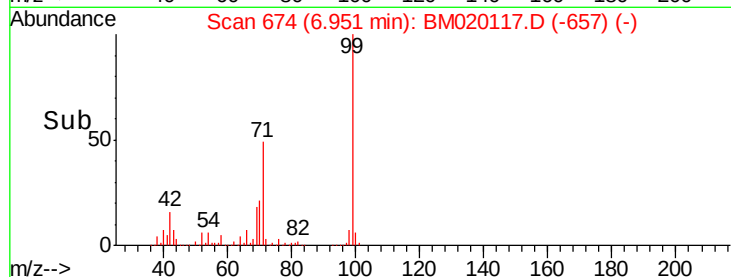
71 49.4 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020117.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM020117.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM020117.D (-657) (-)



#10

Phenol

Concen: 8.704 ng

RT: 6.97 min Scan# 678

Delta R.T. 0.00 min

Lab File: BM020117.D

Acq: 03 May 2019 18:16

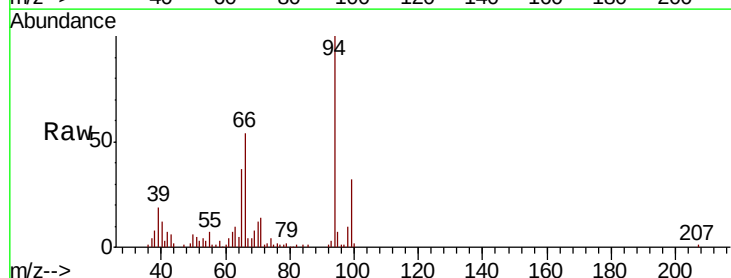
Tgt Ion: 94 Resp: 89605

Ion Ratio Lower Upper

94 100

65 37.3 17.0 57.0

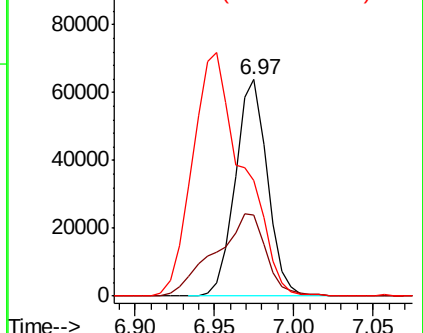
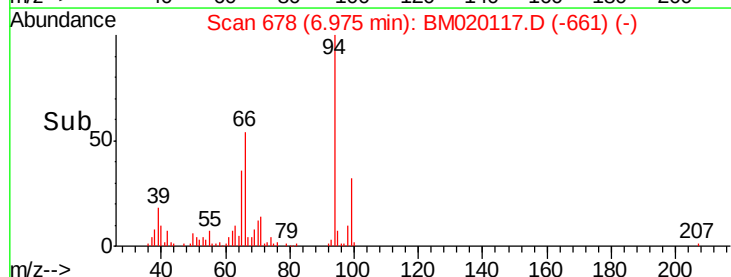
66 53.5 34.5 74.5

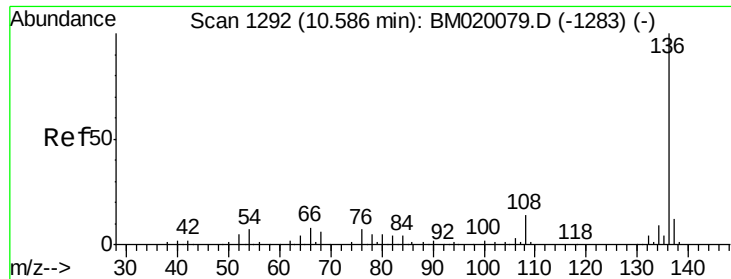


Abundance Ion 94.00 (93.70 to 94.70): BM020117.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM020117.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM020117.D (-661) (-)

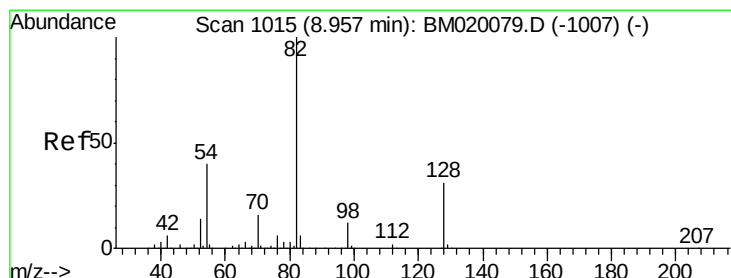
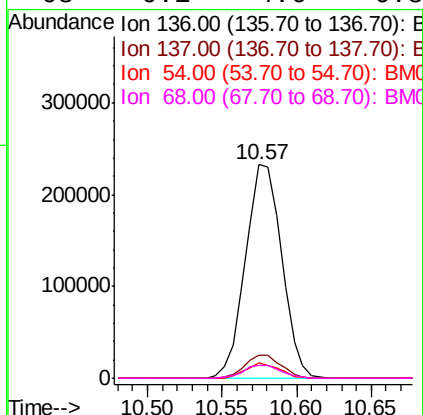
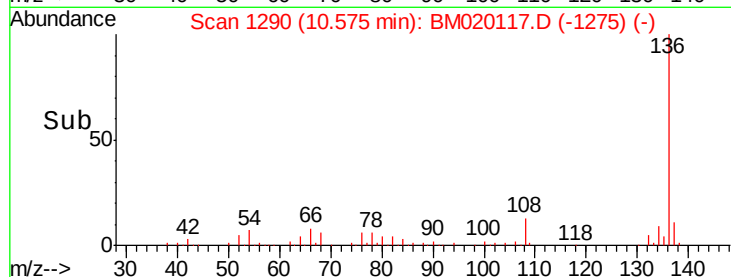
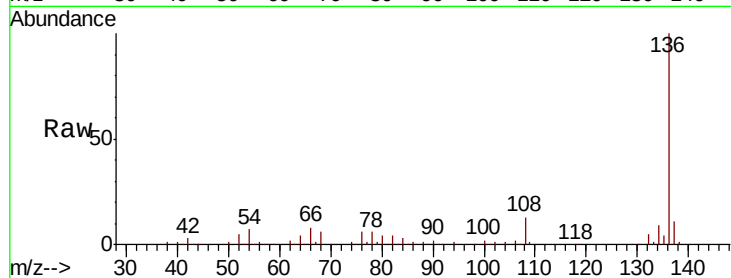




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BM020117.D
Acq: 03 May 2019 18:16

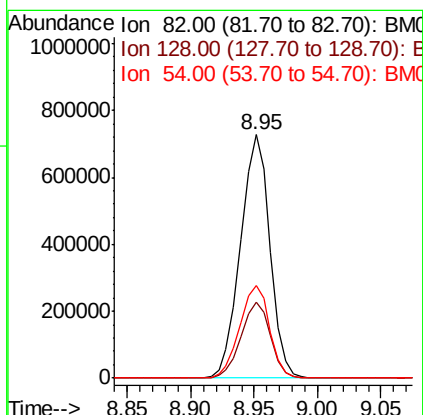
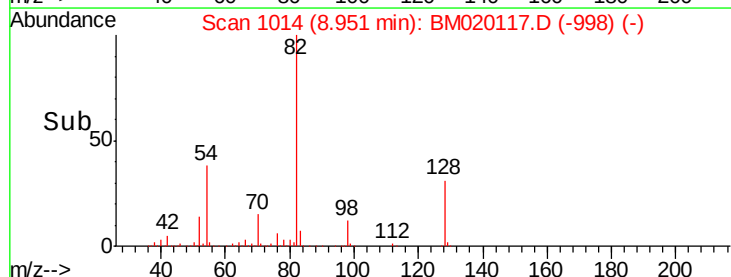
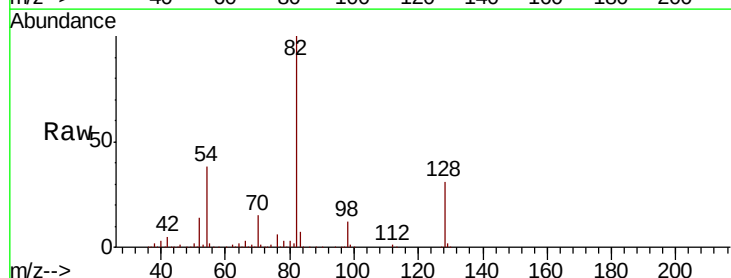
Instrument :
BNA_M
ClientSampleId :
SSSI-0419-S-DH-7

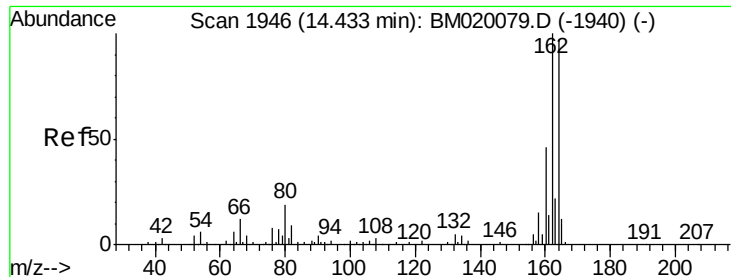
Tot Ion:136	Resp:	392220	
Ion Ratio	Lower	Upper	
136 100			
137 11.1	9.6	14.4	
54 6.9	5.5	8.3	
68 6.1	4.6	6.8	



#23
Nitrobenzene-d5
Concen: 117.804 ng
RT: 8.95 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BM020117.D
Acq: 03 May 2019 18:16

Tgt Ion: 82	Resp: 1170340
Ion Ratio	Lower Upper
82 100	
128 31.1	25.2 37.8
54 37.9	31.9 47.9

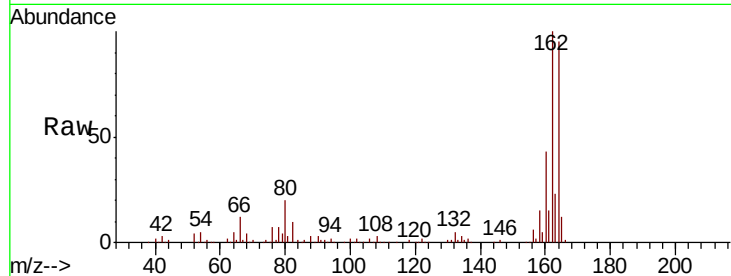




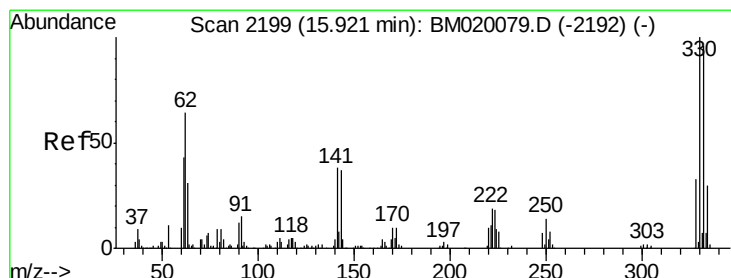
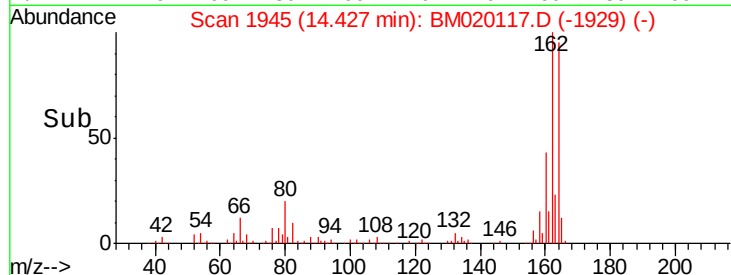
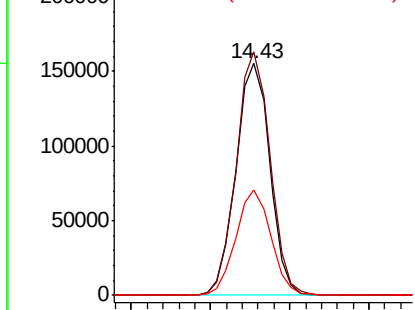
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM020117.D
Acq: 03 May 2019 18:16

Instrument :
BNA_M
ClientSampleId :
SSSI-0419-S-DH-7

Tot Ion:164 Resp: 230519
Ion Ratio Lower Upper
164 100
162 105.0 82.2 123.2
160 45.6 37.6 56.4

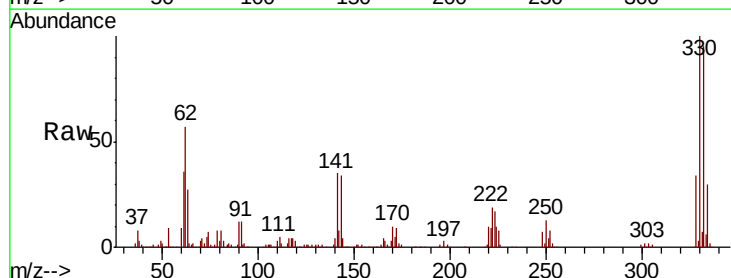


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

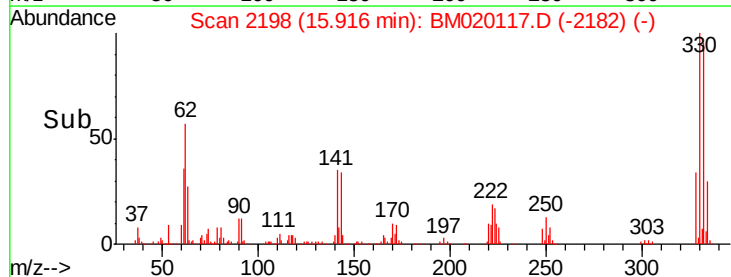
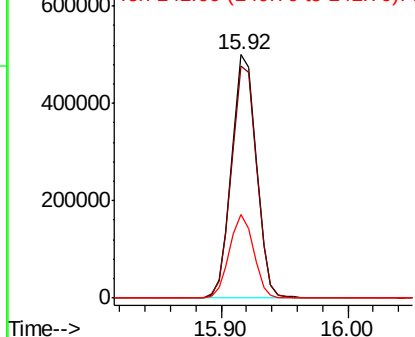


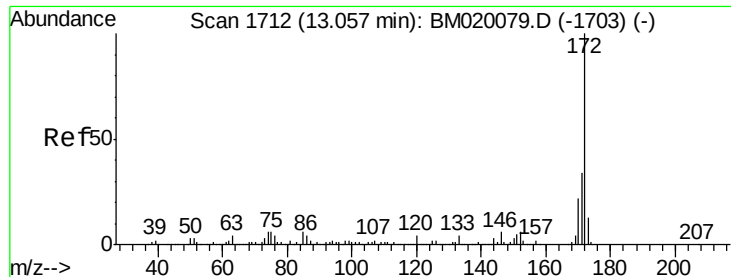
#42
2,4,6-Tribromophenol
Concen: 189.102 ng
RT: 15.92 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BM020117.D
Acq: 03 May 2019 18:16

Tgt Ion:330 Resp: 676623
Ion Ratio Lower Upper
330 100
332 96.8 76.8 115.2
141 33.6 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



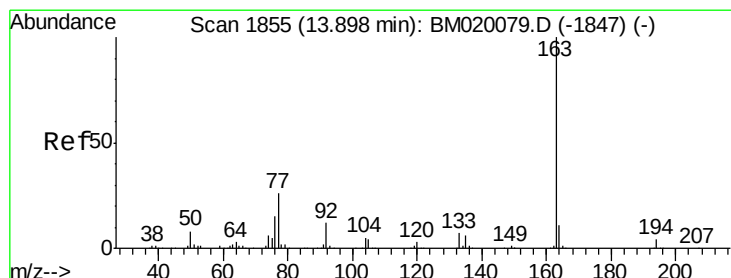
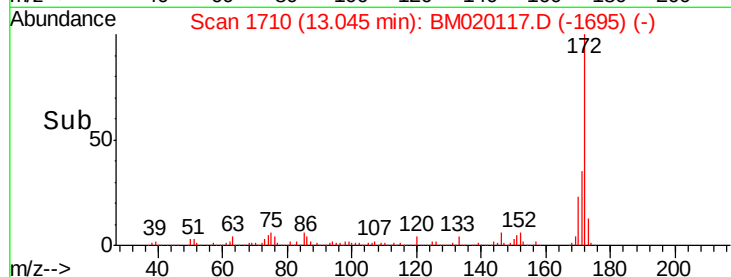
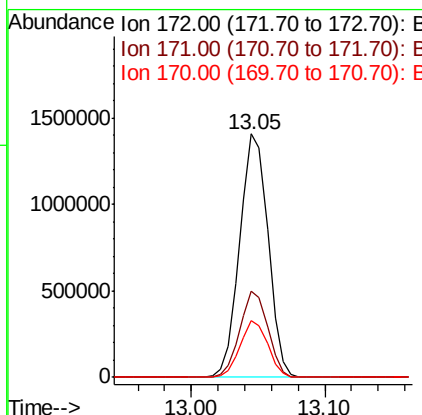
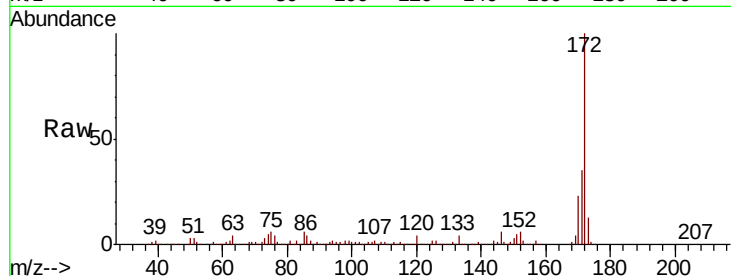


#45
2-Fluorobiphenyl
Concen: 110.457 ng
RT: 13.05 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BM020117.D
Acq: 03 May 2019 18:16

Instrument :
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SSSI-0419-S-DH-7

Tot Ion:172 Resp: 2069512

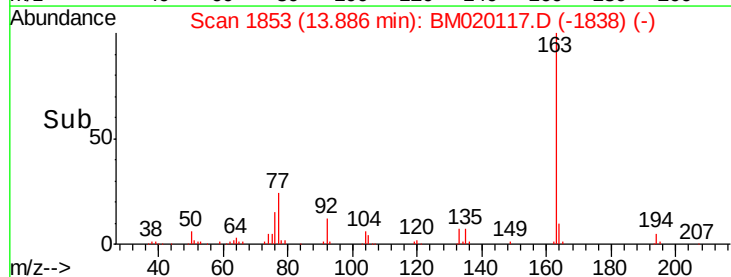
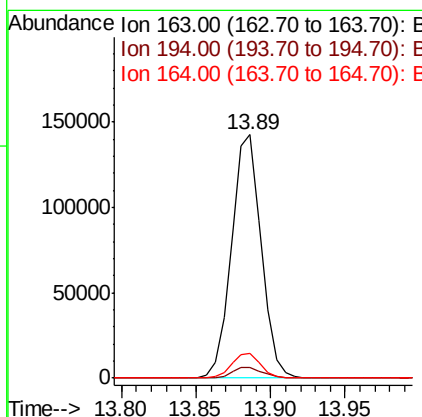
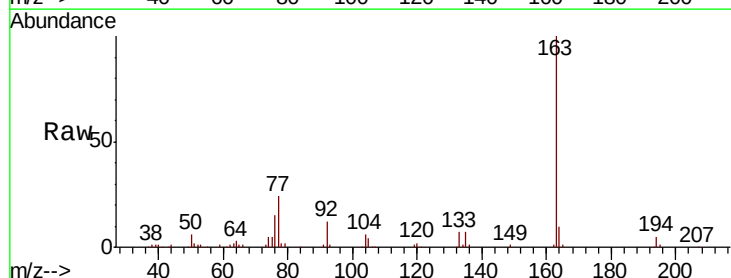
Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.3	40.9
170	23.4	17.9	26.9

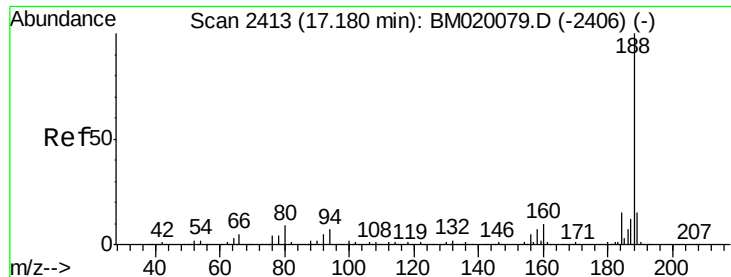


#50
Dimethylphthalate
Concen: 10.106 ng
RT: 13.89 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BM020117.D
Acq: 03 May 2019 18:16

Tgt Ion:163 Resp: 197999

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	10.2	8.4	12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.17 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BM020117.D

Acq: 03 May 2019 18:16

Instrument :

BNA_M

ClientSampleId :

SSSI-0419-S-DH-7

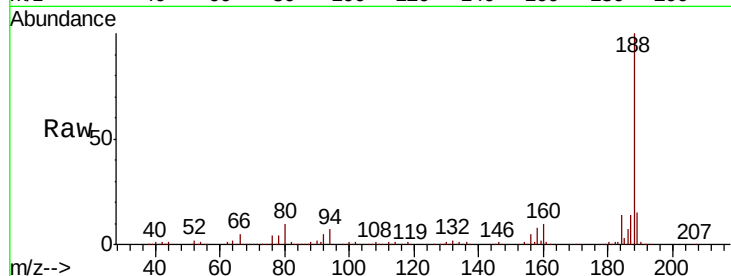
Tot Ion:188 Resp: 539422

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.6

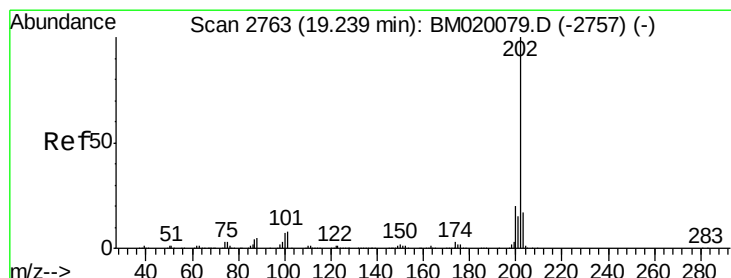
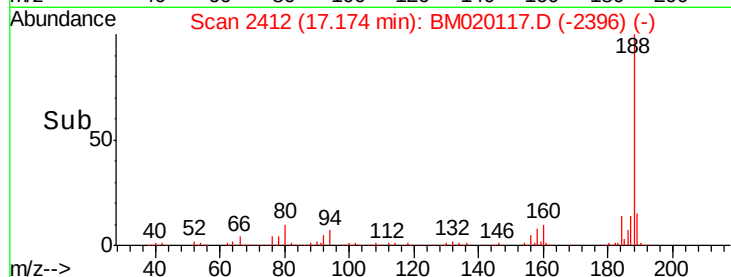
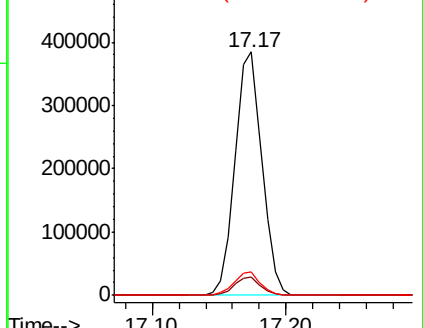
80 9.5 7.4 11.2



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



#75

Fluoranthene

Concen: 3.278 ng

RT: 19.23 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BM020117.D

Acq: 03 May 2019 18:16

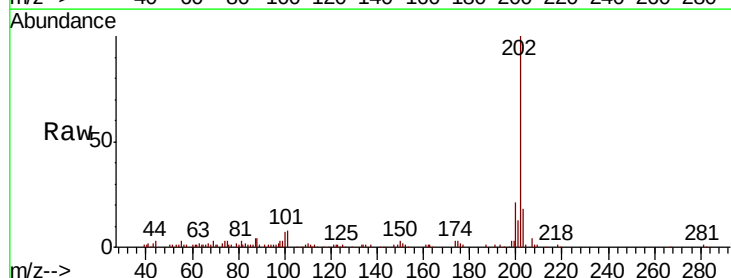
Tgt Ion:202 Resp: 123500

Ion Ratio Lower Upper

202 100

101 8.3 0.0 28.4

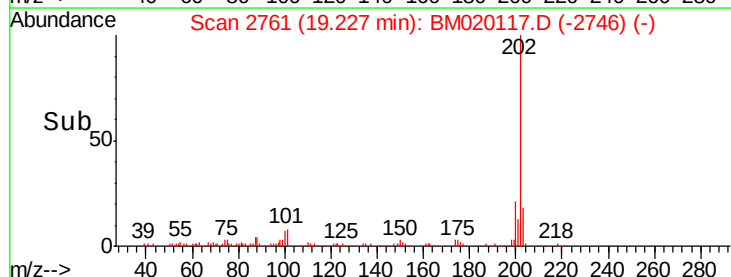
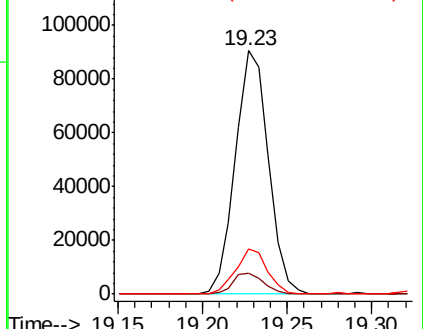
203 18.5 0.0 37.4

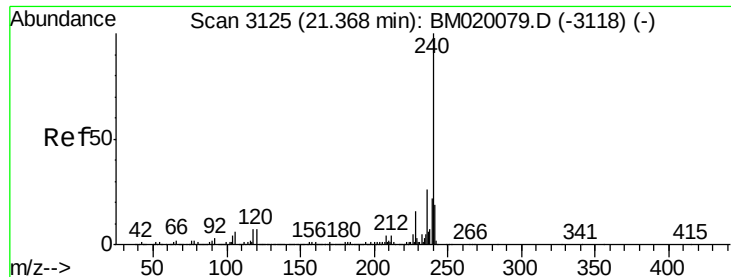


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

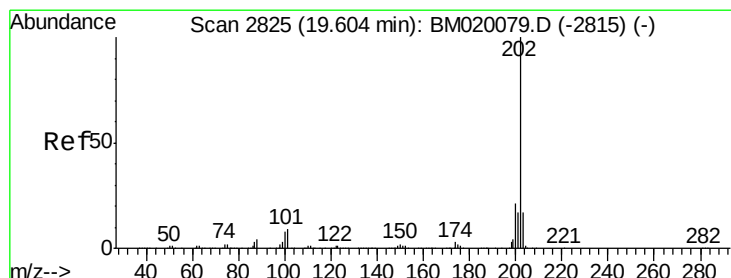
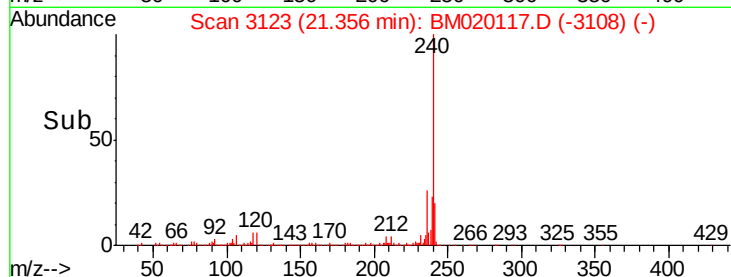
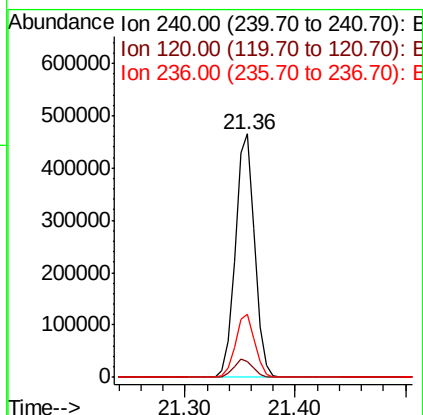
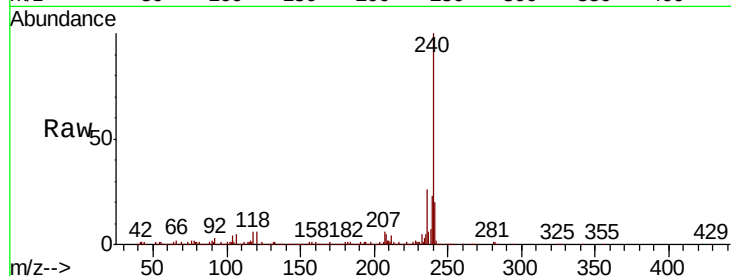




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BM020117.D
Acq: 03 May 2019 18:16

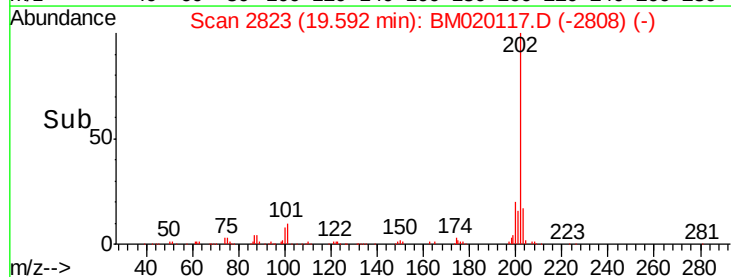
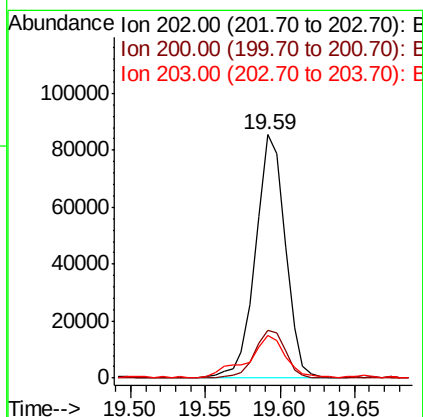
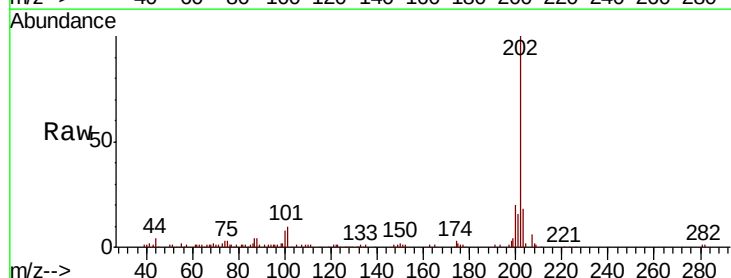
Instrument :
BNA_M
ClientSampleId :
SSSI-0419-S-DH-7

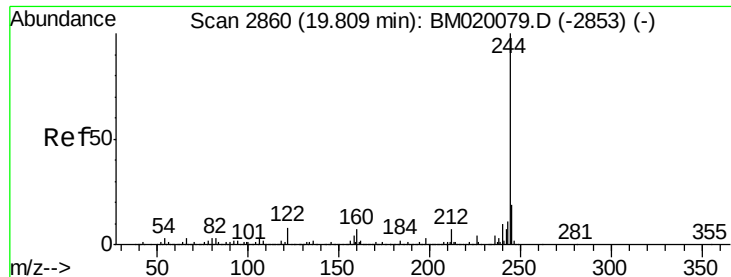
Tot Ion:240 Resp: 569440
Ion Ratio Lower Upper
240 100
120 6.4 5.6 8.4
236 25.9 20.9 31.3



#78
Pyrene
Concen: 3.071 ng
RT: 19.59 min Scan# 2823
Delta R.T. -0.01 min
Lab File: BM020117.D
Acq: 03 May 2019 18:16

Tgt Ion:202 Resp: 117427
Ion Ratio Lower Upper
202 100
200 19.9 16.5 24.7
203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 101.348 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM020117.D

Acq: 03 May 2019 18:16

Instrument :

BNA_M

ClientSampleId :

SSSI-0419-S-DH-7

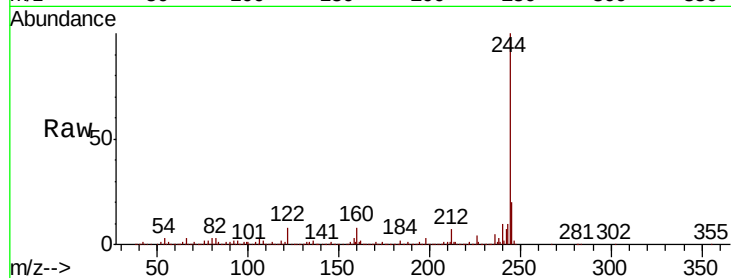
Tot Ion:244 Resp: 3308727

Ion Ratio Lower Upper

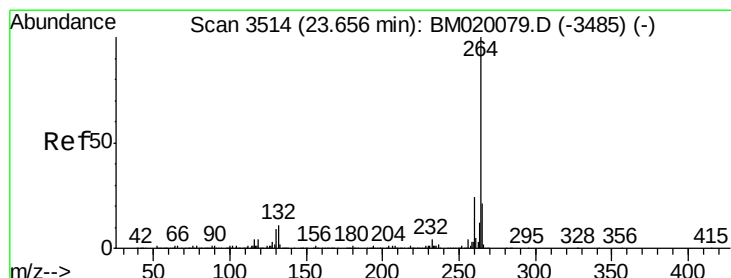
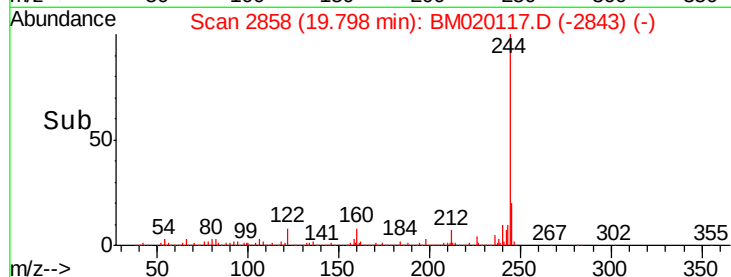
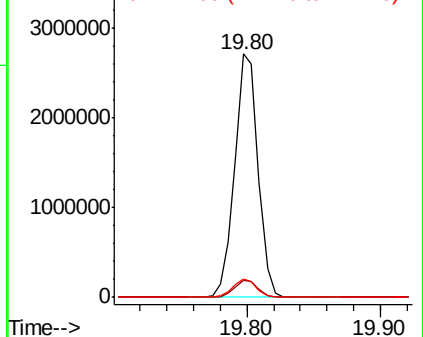
244 100

212 7.1 5.7 8.5

122 7.7 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

Perylene-d12

Concen: 20.000 ng

RT: 23.64 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BM020117.D

Acq: 03 May 2019 18:16

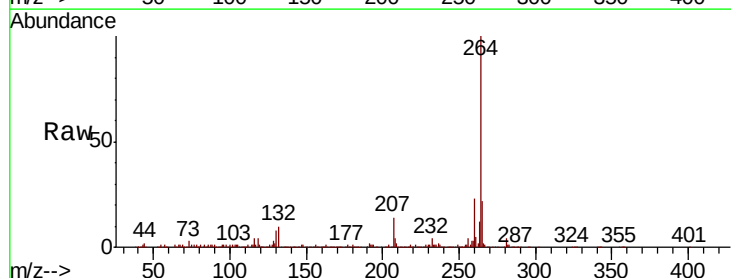
Tgt Ion:264 Resp: 663538

Ion Ratio Lower Upper

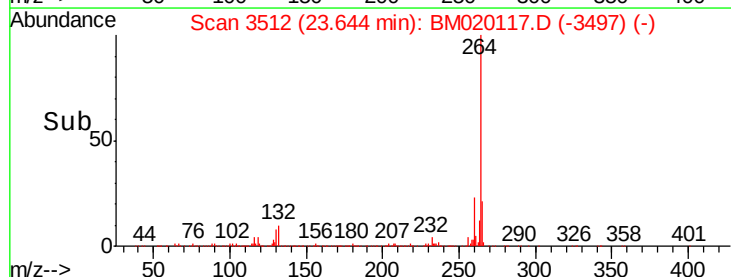
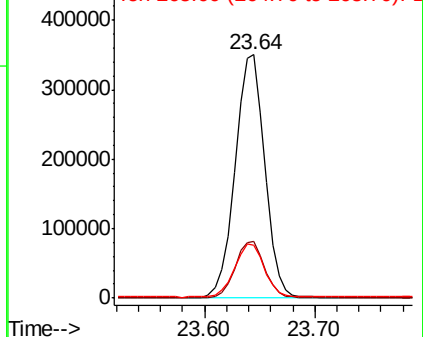
264 100

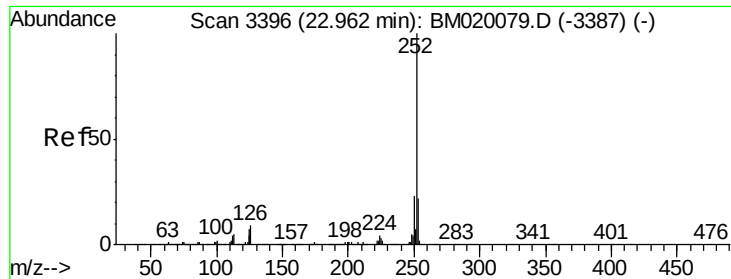
260 23.2 19.2 28.8

265 21.6 16.9 25.3



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





#88

Benzo(b)fluoranthene

Concen: 2.297 ng

RT: 22.94 min Scan# 3393

Delta R.T. -0.02 min

Lab File: BM020117.D

Acq: 03 May 2019 18:16

Instrument :

BNA_M

ClientSampleId :

SSSI-0419-S-DH-7

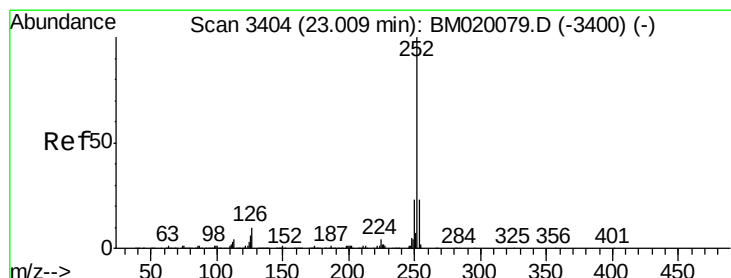
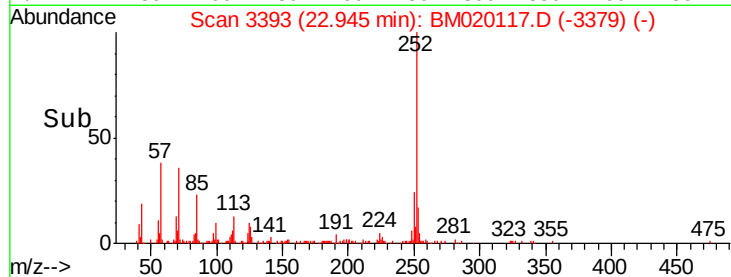
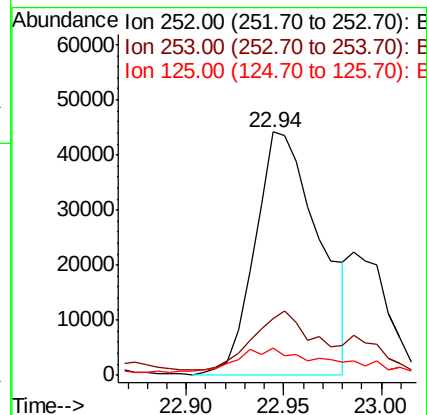
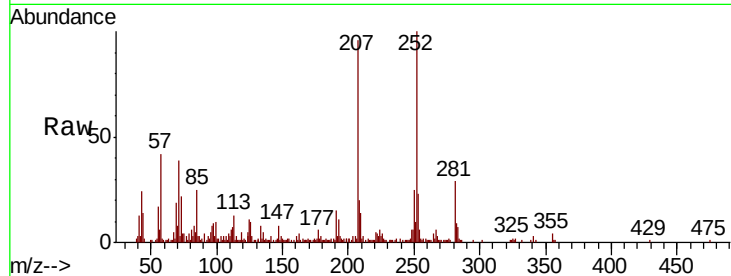
Tot Ion:252 Resp: 100656

Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

125 11.4 5.4 8.2#



#89

Benzo(k)fluoranthene

Concen: 2.461 ng

RT: 22.94 min Scan# 3393

Delta R.T. -0.06 min

Lab File: BM020117.D

Acq: 03 May 2019 18:16

Tgt Ion:252 Resp: 98347

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

125 11.4 5.4 8.0#

