

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
 Data File : BM020174.D
 Acq On : 07 May 2019 20:41
 Operator : JU/SJ
 Sample : K2697-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-2-20190502

Quant Time: May 08 02:10:34 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	120063	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	432512	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	262611	20.00	ng	0.00
64) Phenanthrene-d10	17.18	188	592580	20.00	ng	0.00
76) Chrysene-d12	21.36	240	605211	20.00	ng	0.00
87) Perylene-d12	23.64	264	738459	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	541488	73.72	ng	0.00
7) Phenol-d6	6.95	99	482890	48.12	ng	0.00
23) Nitrobenzene-d5	8.96	82	1149722	104.95	ng	0.00
42) 2,4,6-Tribromophenol	15.93	330	623244	152.90	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	2091396	97.98	ng	0.00
79) Terphenyl-d14	19.80	244	3652988	105.28	ng	0.00

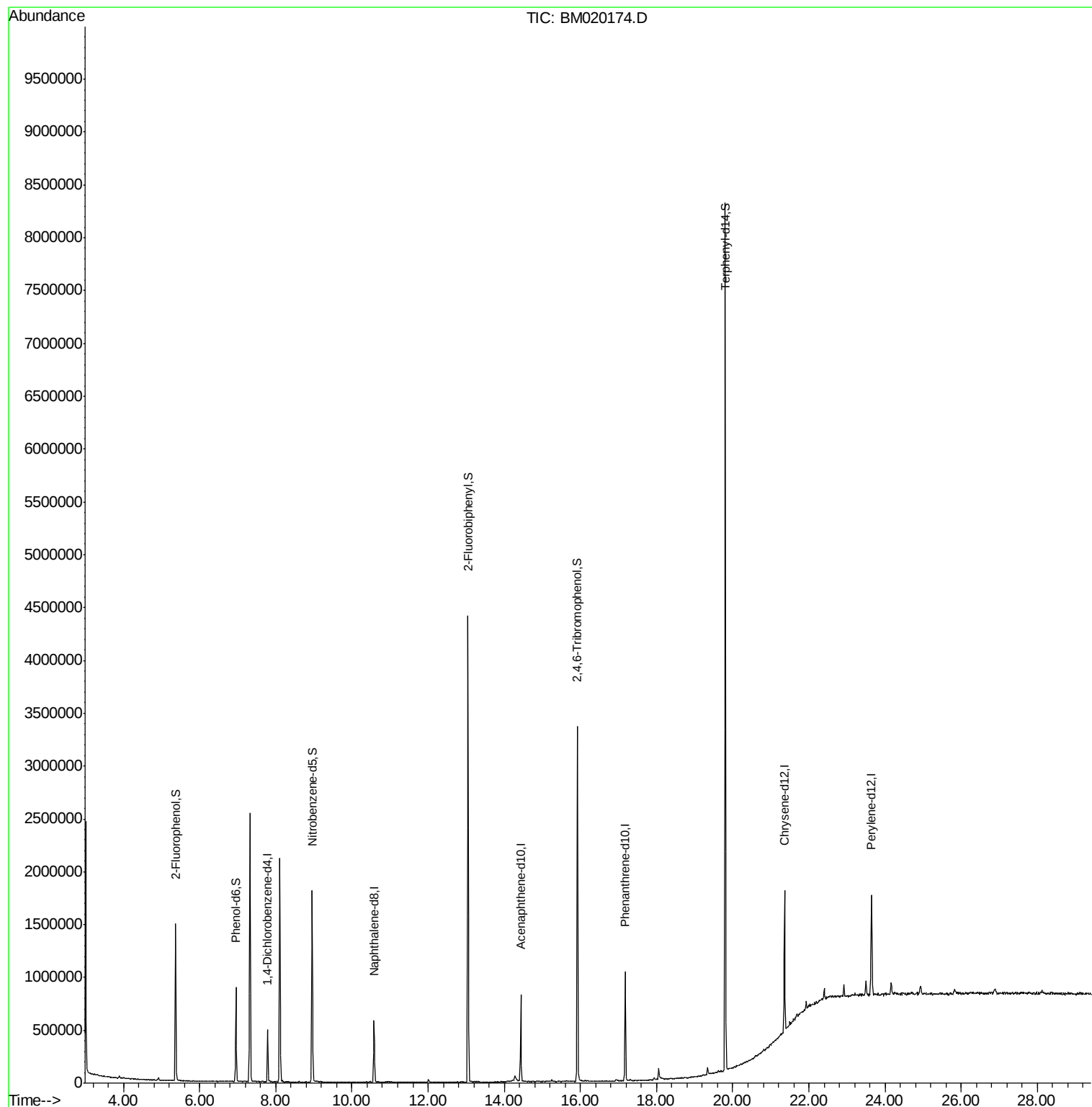
Target Compounds Qvalue

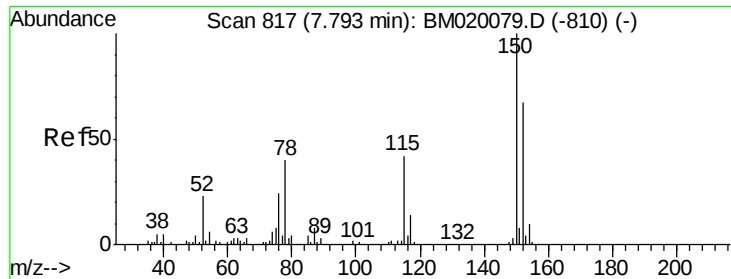
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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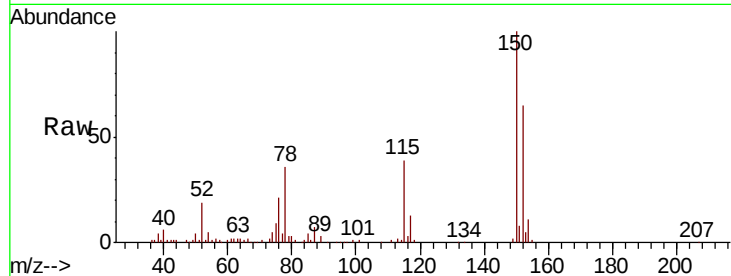


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020174.D
Acq: 07 May 2019 20:41

Instrument :
BNA_M
ClientSampleId :
MW-2-20190502

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	119.8	179.8
115	60.1	50.8	76.2

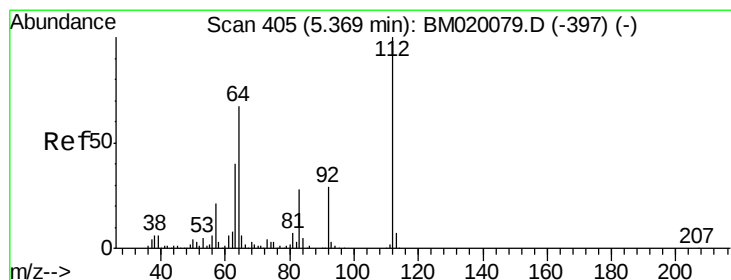
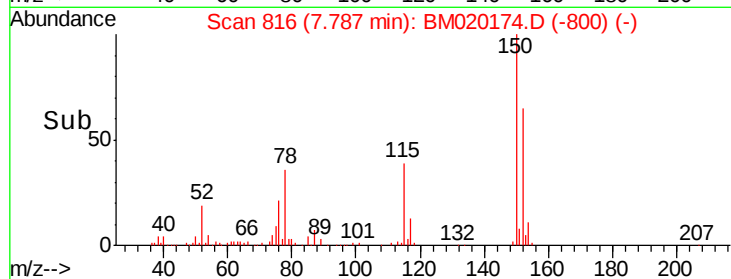
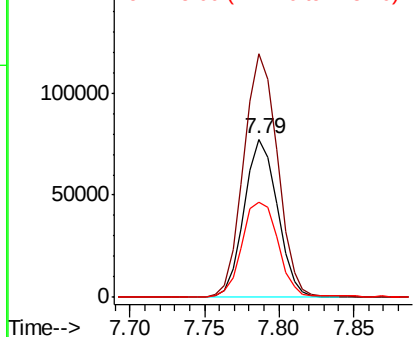


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

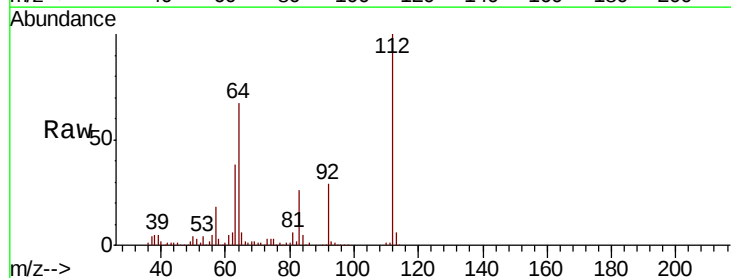
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 73.721 ng
RT: 5.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: BM020174.D
Acq: 07 May 2019 20:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	53.8	80.6
63	37.7	32.3	48.5

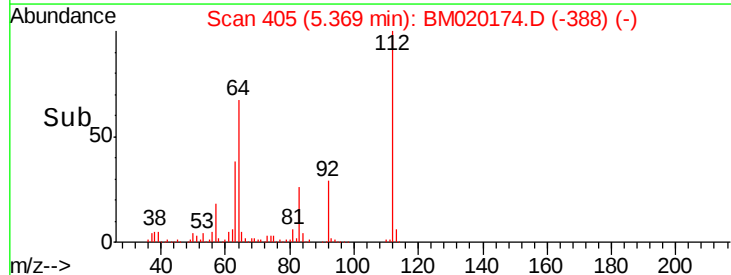
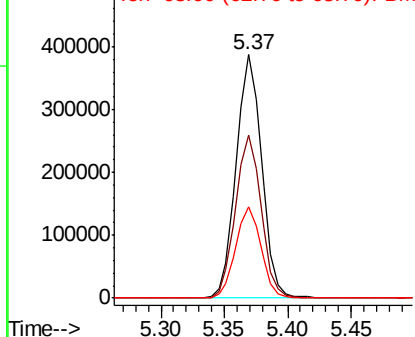


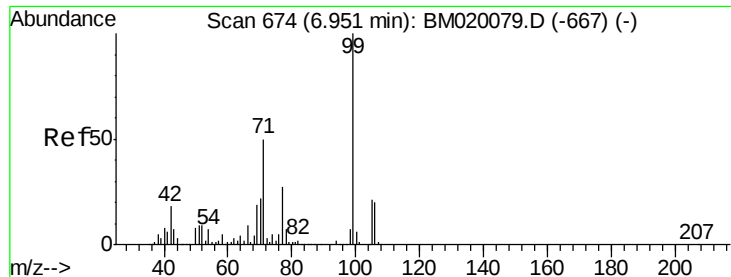
Abundance

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: 48.123 ng

RT: 6.95 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM020174.D

Acq: 07 May 2019 20:41

Instrument :

BNA_M

ClientSampleId :

MW-2-20190502

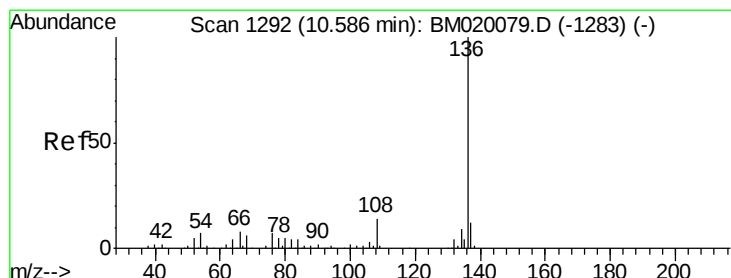
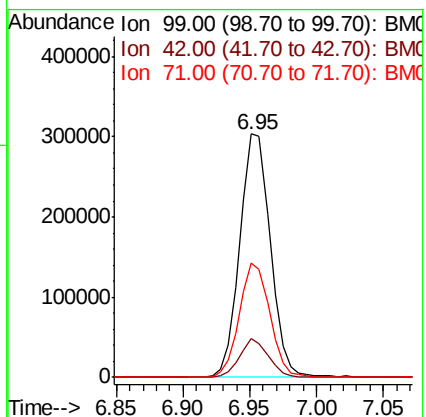
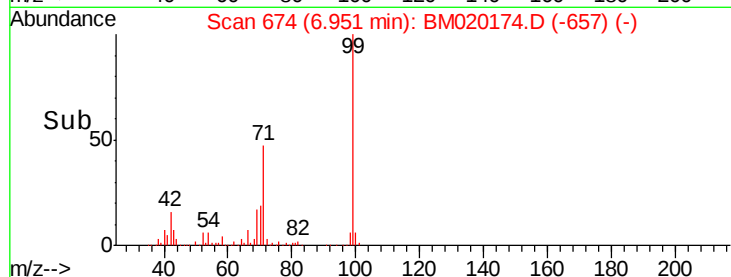
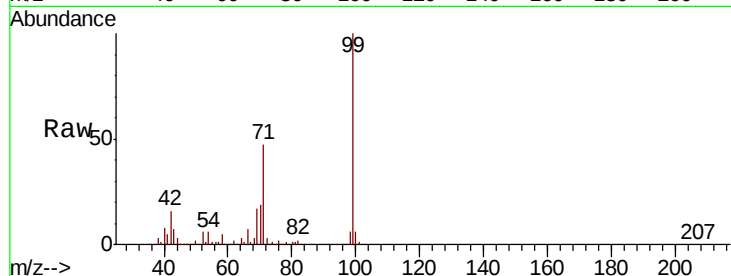
Tot Ion: 99 Resp: 482890

Ion Ratio Lower Upper

99 100

42 15.7 14.2 21.2

71 47.1 40.3 60.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.58 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BM020174.D

Acq: 07 May 2019 20:41

Tgt Ion: 136 Resp: 432512

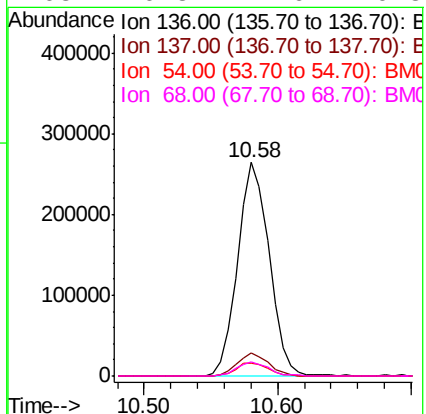
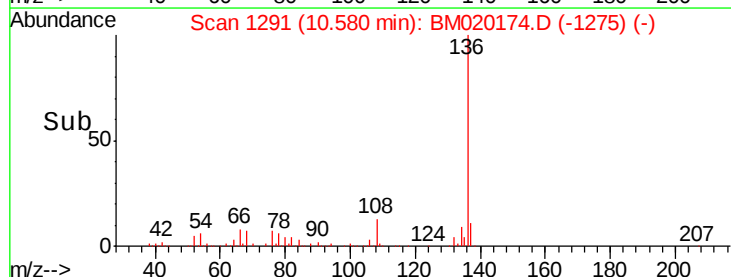
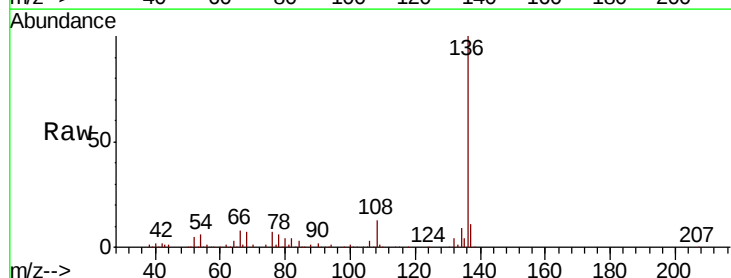
Ion Ratio Lower Upper

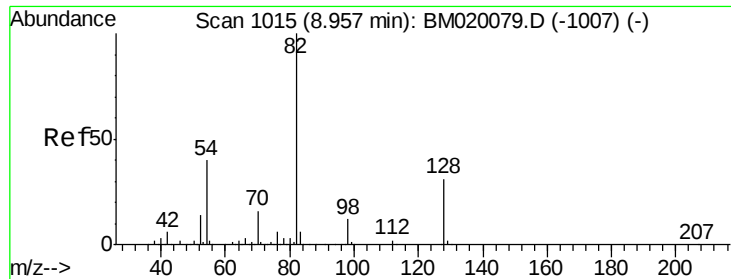
136 100

137 10.5 9.6 14.4

54 6.2 5.5 8.3

68 6.8 4.6 6.8



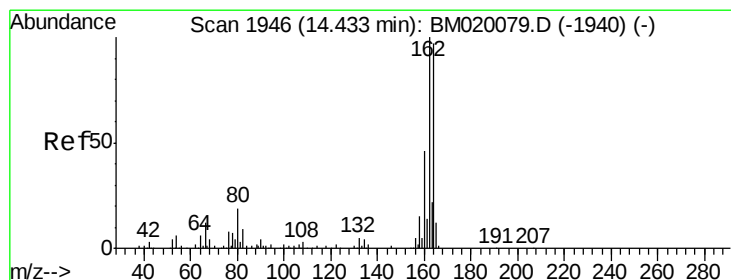
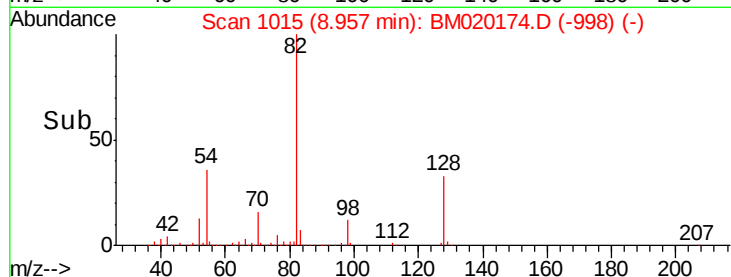
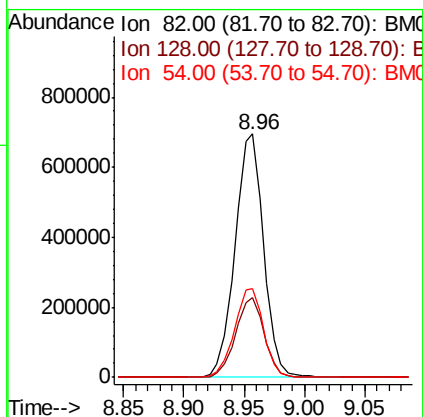
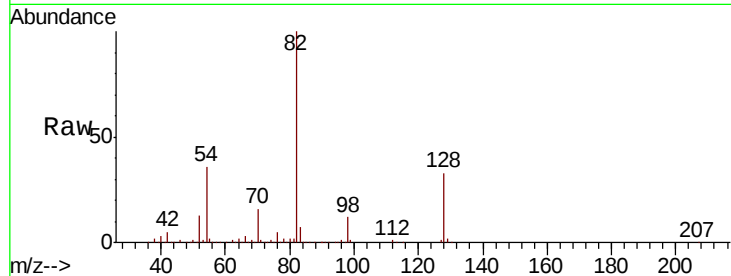


#23
Nitrobenzene-d5
Concen: 104.948 ng
RT: 8.96 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BM020174.D
Acq: 07 May 2019 20:41

Instrument :
BNA_M
ClientSampleId :
MW-2-20190502

Tot Ion: 82 Resp: 1149722

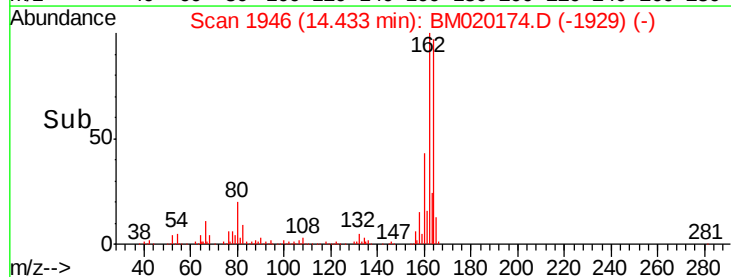
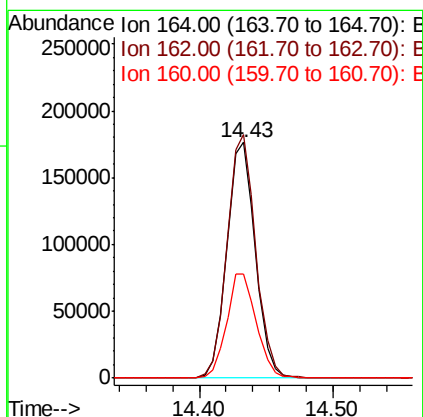
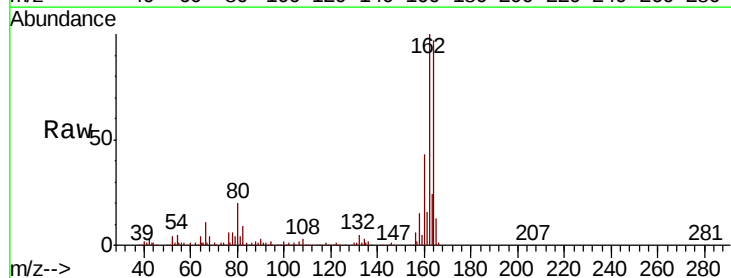
Ion	Ratio	Lower	Upper
82	100		
128	32.7	25.2	37.8
54	36.5	31.9	47.9

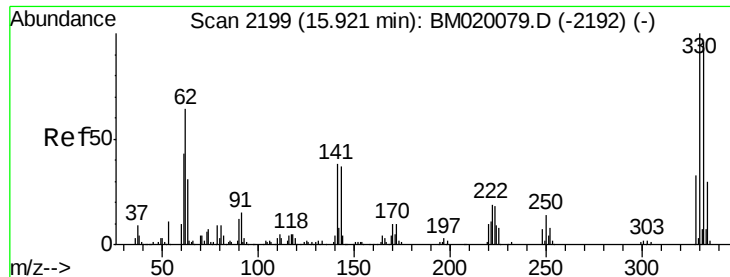


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BM020174.D
Acq: 07 May 2019 20:41

Tgt Ion: 164 Resp: 262611

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.2	123.2
160	44.0	37.6	56.4

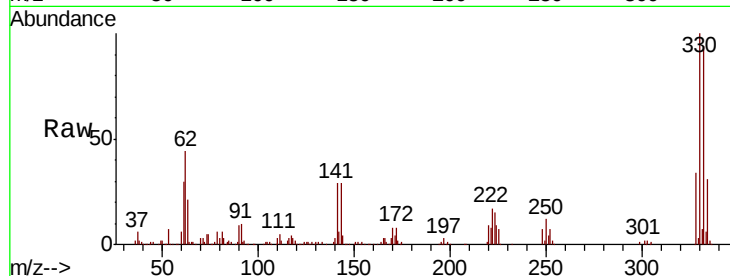




#42
 2,4,6-Tribromophenol
 Concen: 152.898 ng
 RT: 15.93 min Scan# 2200
 Delta R.T. 0.01 min
 Lab File: BM020174.D
 Acq: 07 May 2019 20:41

Instrument :
 BNA_M
 ClientSampleId :
 MW-2-20190502

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.8	115.2
141	32.1	29.2	43.8

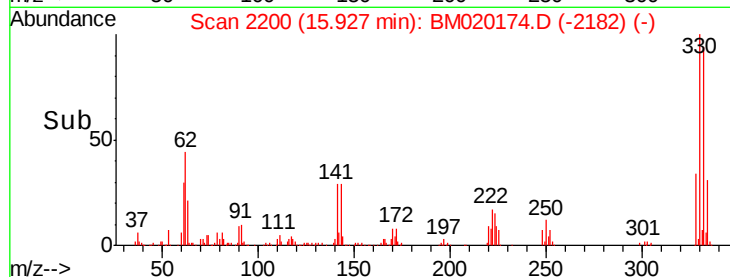
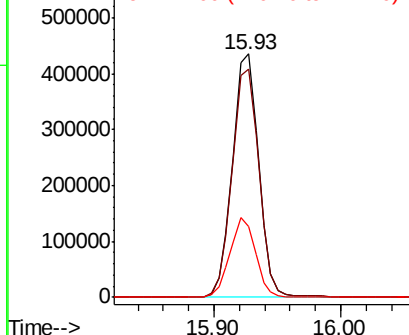


Abundance

Ion 329.80 (329.50 to 330.50): E

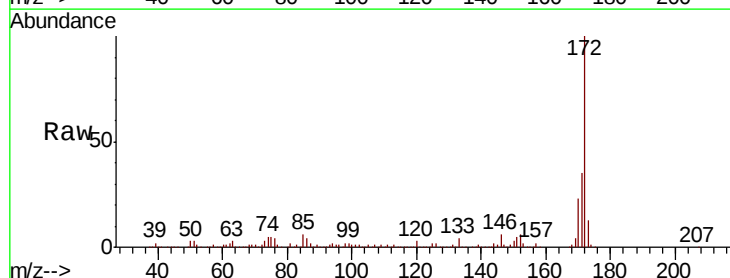
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 97.984 ng
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BM020174.D
 Acq: 07 May 2019 20:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.3	40.9
170	23.3	17.9	26.9

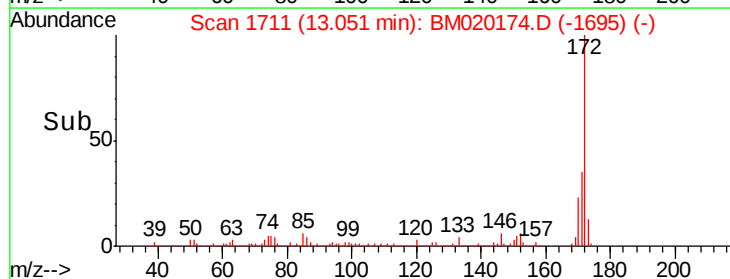
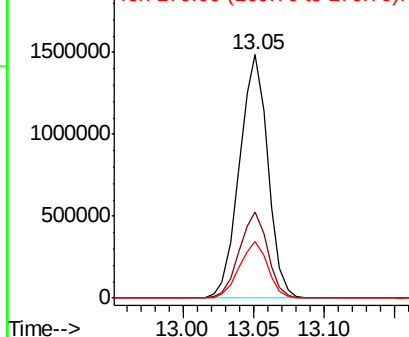


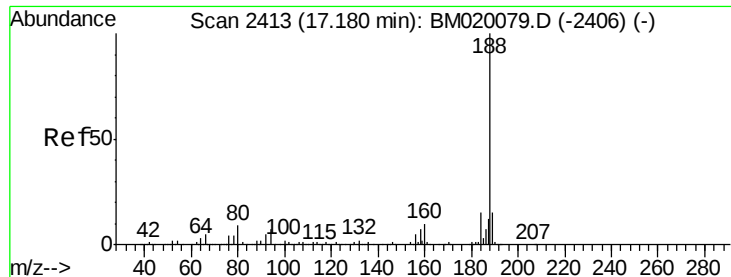
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.18 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BM020174.D

Acq: 07 May 2019 20:41

Instrument :

BNA_M

ClientSampleId :

MW-2-20190502

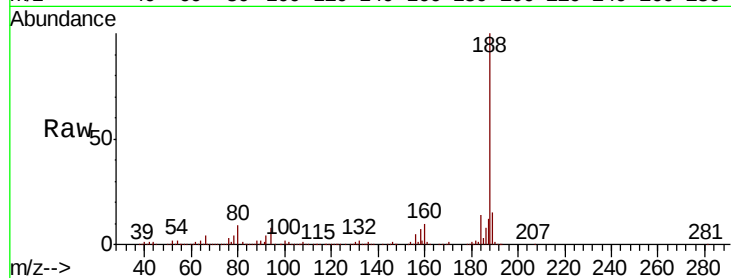
Tot Ion:188 Resp: 592580

Ion Ratio Lower Upper

188 100

94 7.6 5.8 8.6

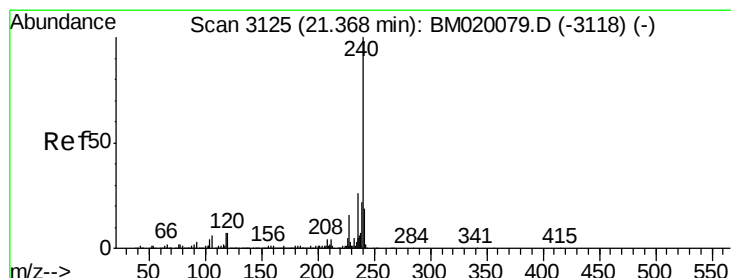
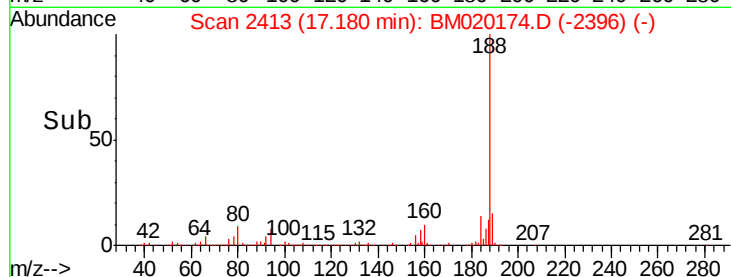
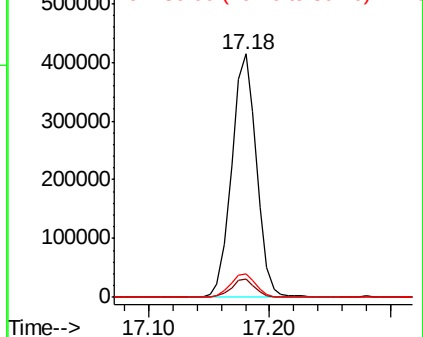
80 9.5 7.4 11.2



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.36 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BM020174.D

Acq: 07 May 2019 20:41

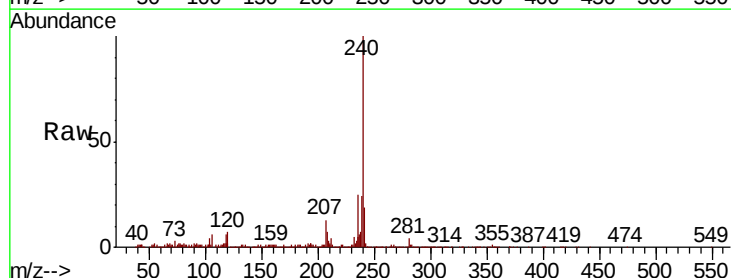
Tgt Ion:240 Resp: 605211

Ion Ratio Lower Upper

240 100

120 6.7 5.6 8.4

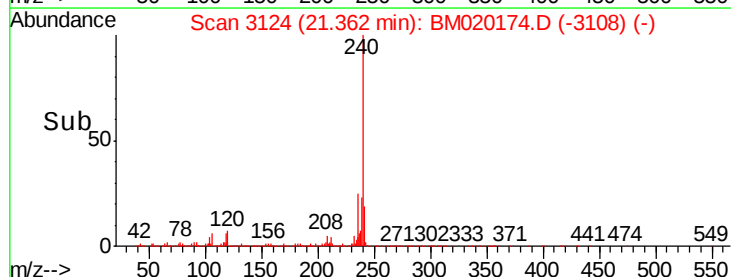
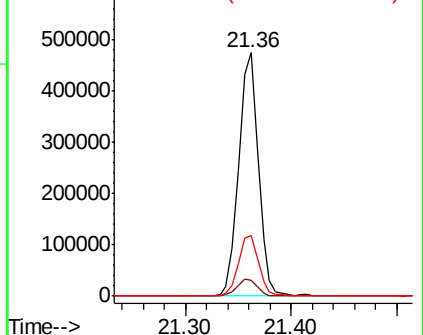
236 25.1 20.9 31.3

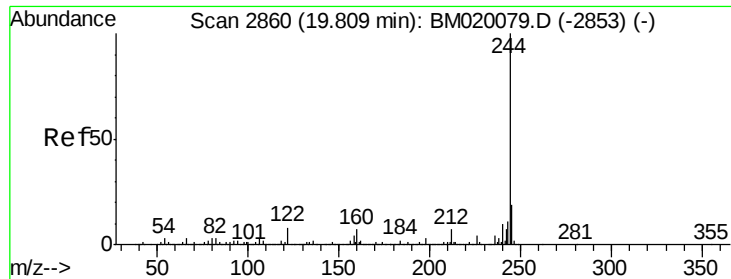


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 105.279 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM020174.D

Acq: 07 May 2019 20:41

Instrument :

BNA_M

ClientSampleId :

MW-2-20190502

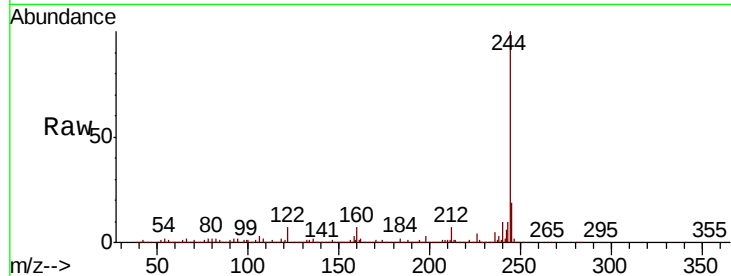
Tot Ion:244 Resp: 3652988

Ion Ratio Lower Upper

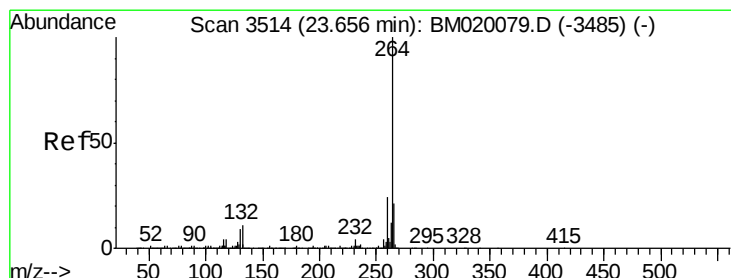
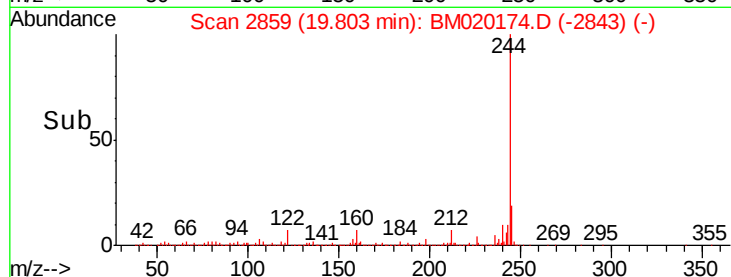
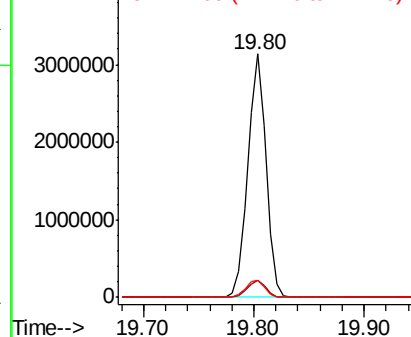
244 100

212 6.8 5.7 8.5

122 7.2 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: BM020174.D

Acq: 07 May 2019 20:41

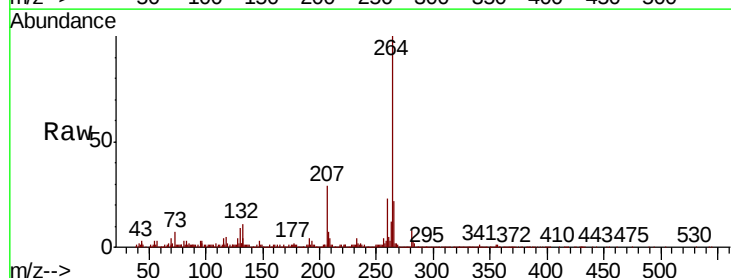
Tgt Ion:264 Resp: 738459

Ion Ratio Lower Upper

264 100

260 22.8 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

