

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
 Data File : BM020214.D
 Acq On : 09 May 2019 13:15
 Operator : JU/SJ
 Sample : K2555-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 10 04:40:40 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	7.78	152	125205	20.00	ng	-0.01
21) Naphthalene-d8	10.57	136	430408	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	254858	20.00	ng	-0.01
64) Phenanthrene-d10	17.17	188	605202	20.00	ng	-0.01
76) Chrysene-d12	21.36	240	622577	20.00	ng	-0.01
87) Perylene-d12	23.64	264	712615	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	410917	53.65	ng	-0.01
7) Phenol-d6	6.95	99	327551	31.30	ng	0.00
23) Nitrobenzene-d5	8.95	82	964614	88.48	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	558739	141.24	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1872917	90.42	ng	-0.02
79) Terphenyl-d14	19.80	244	3366736	94.32	ng	-0.01

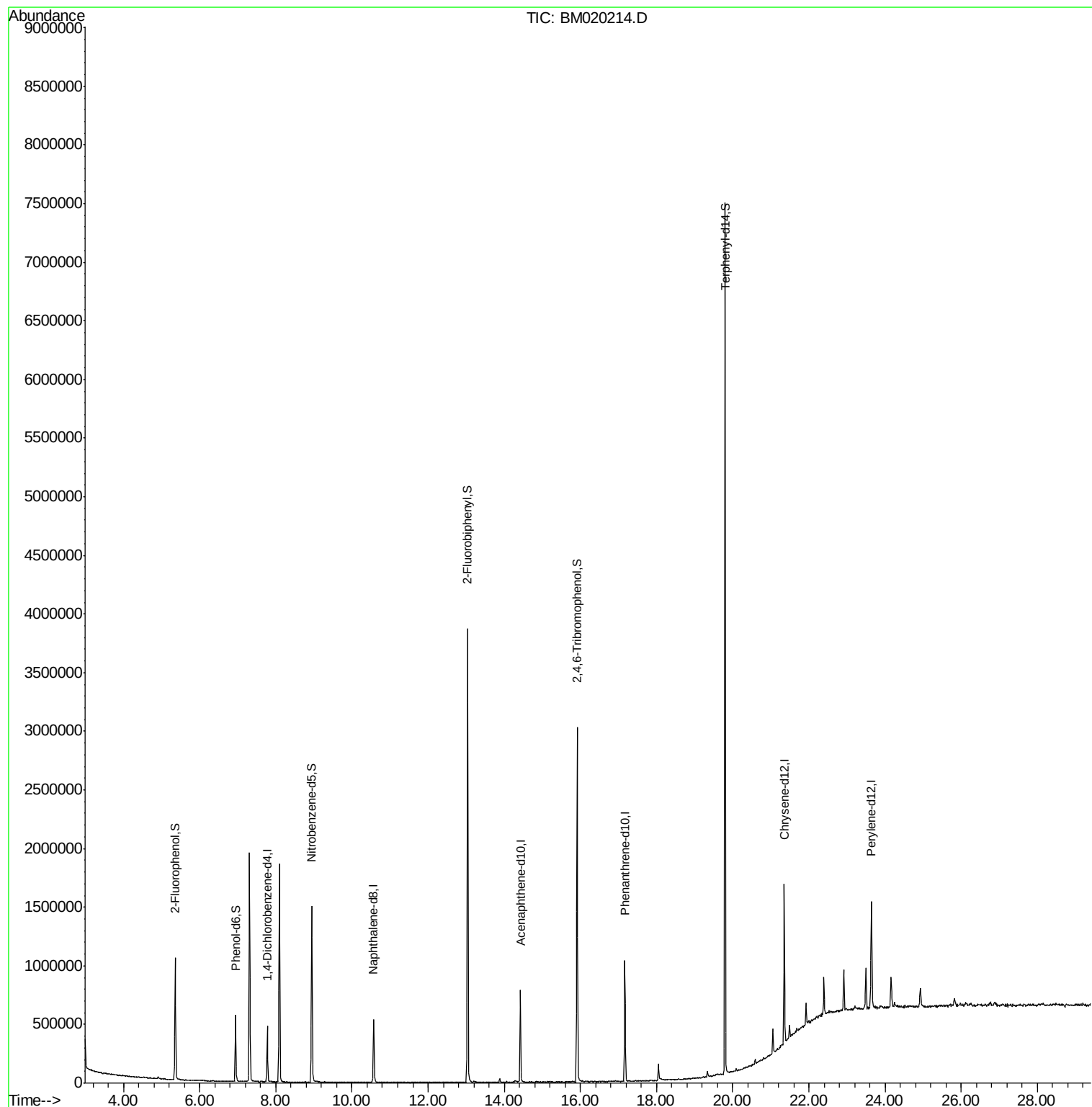
Target Compounds Qvalue

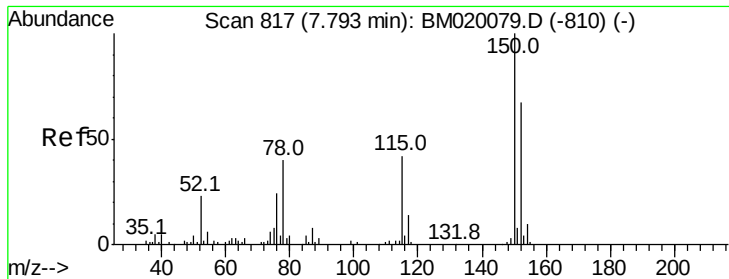
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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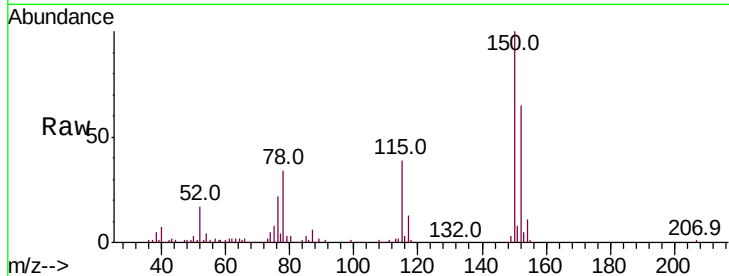


#1

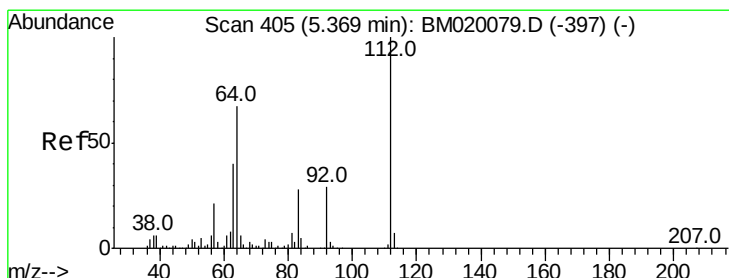
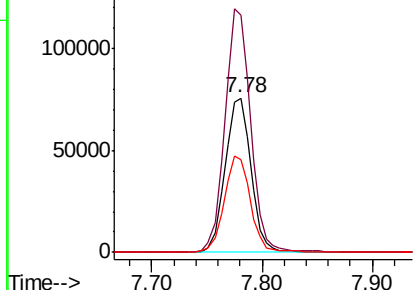
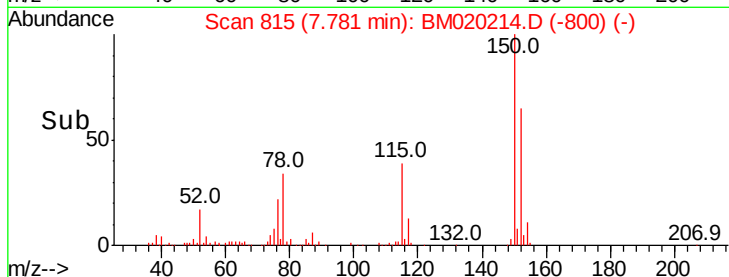
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 815
Delta R.T. -0.01 min
Lab File: BM020214.D
Acq: 09 May 2019 13:15

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	119.8	179.8
115	59.9	50.8	76.2



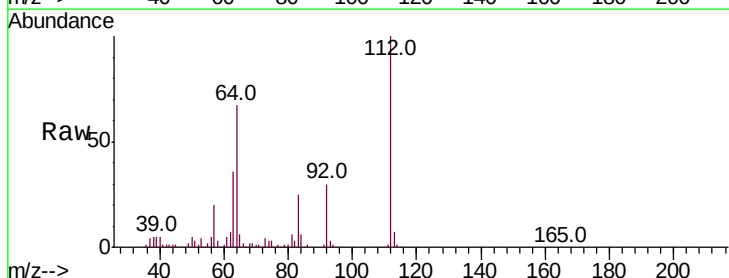
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



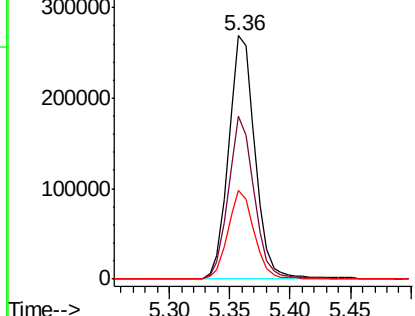
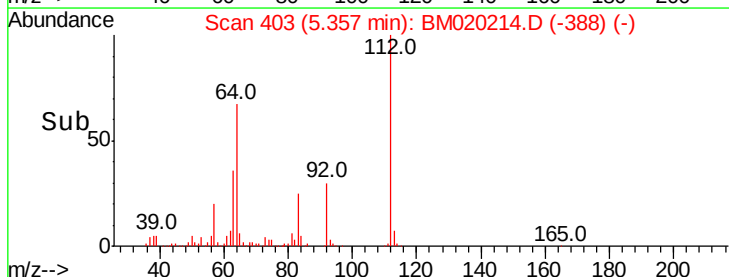
#5

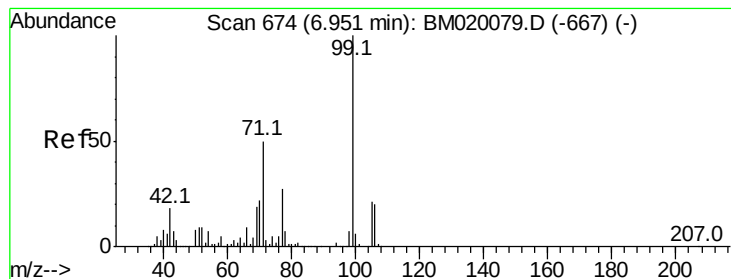
2-Fluorophenol
Concen: 53.647 ng
RT: 5.36 min Scan# 403
Delta R.T. -0.01 min
Lab File: BM020214.D
Acq: 09 May 2019 13:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.8	53.8	80.6
63	36.3	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: 31.302 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

Instrument :

BNA_M

ClientSampled :

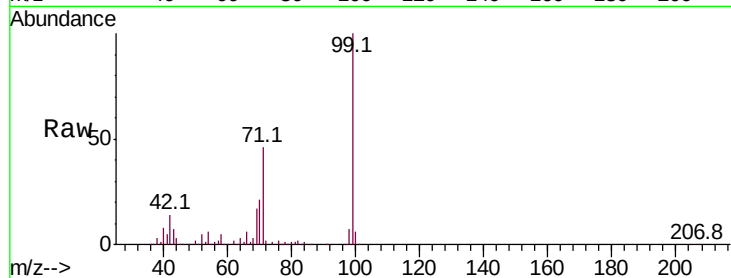
Tot Ion: 99 Resp: 327551

Ion Ratio Lower Upper

99 100

42 13.7 14.2 21.2#

71 46.0 40.3 60.5

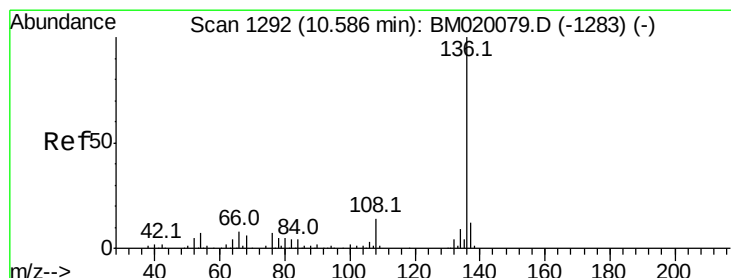
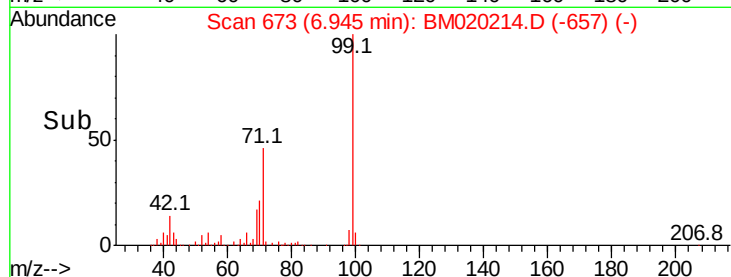
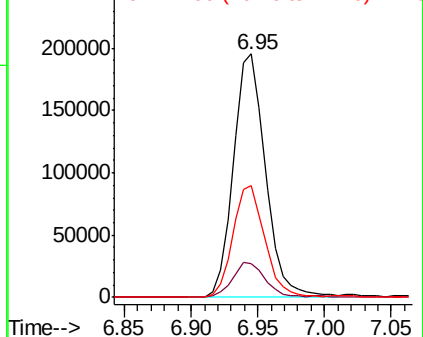


Abundance

Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

Tgt Ion: 136 Resp: 430408

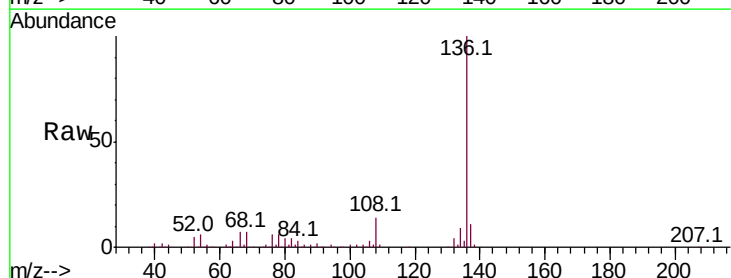
Ion Ratio Lower Upper

136 100

137 11.5 9.6 14.4

54 6.1 5.5 8.3

68 6.7 4.6 6.8



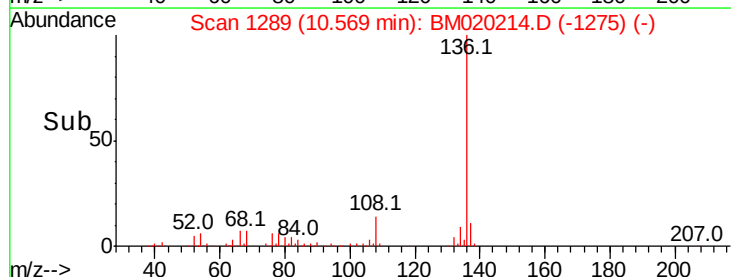
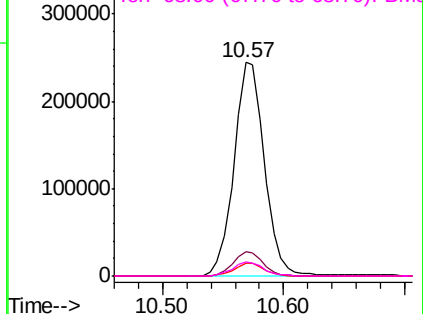
Abundance

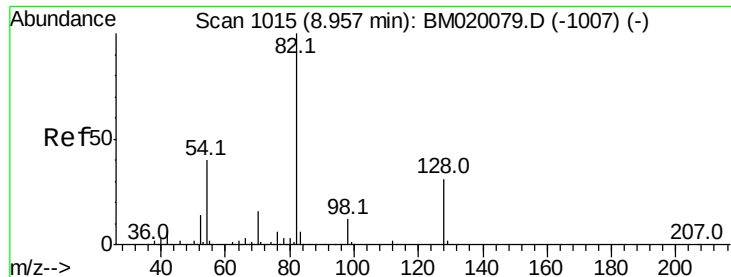
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0

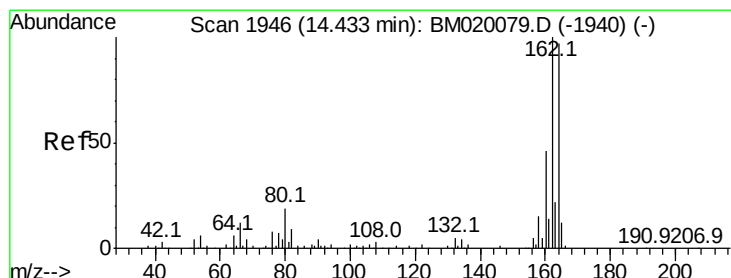
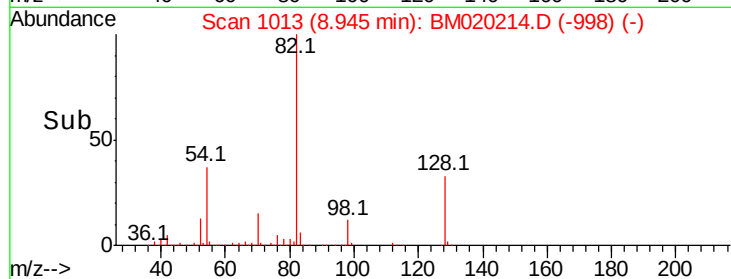
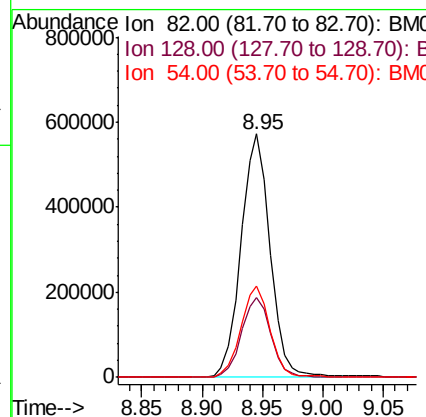
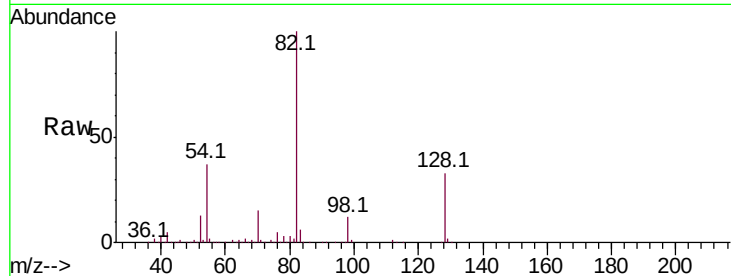




#23
 Nitrobenzene-d5
 Concen: 88.481 ng
 RT: 8.95 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BM020214.D
 Acq: 09 May 2019 13:15

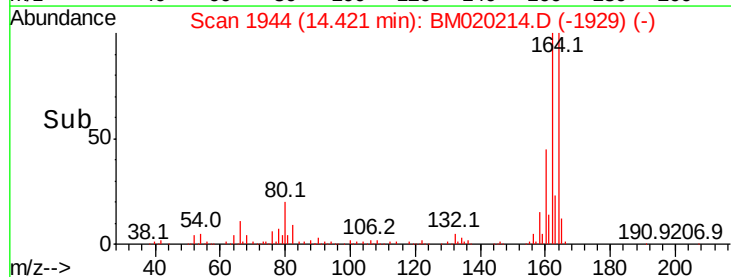
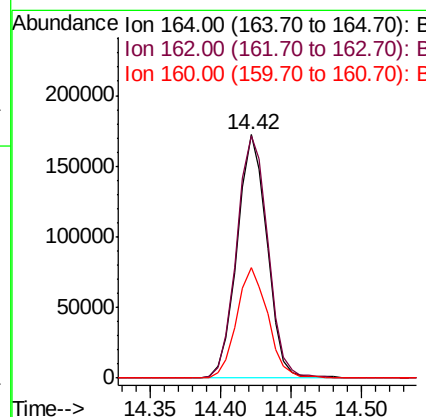
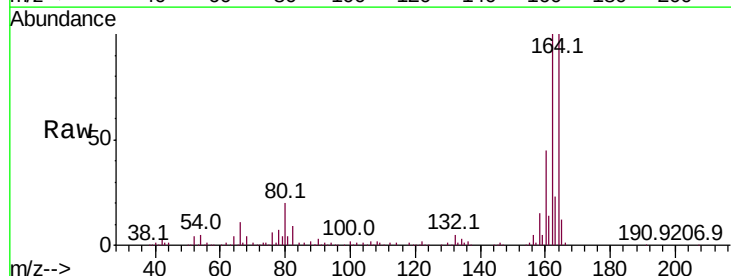
Instrument :
 BNA_M
 ClientSampleId :

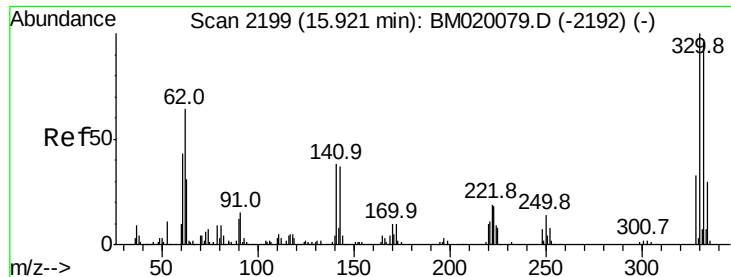
Tot Ion	82	Resp	964614
Ion Ratio	Lower	Upper	
82	100		
128	33.0	25.2	37.8
54	37.4	31.9	47.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.42 min Scan# 1944
 Delta R.T. -0.01 min
 Lab File: BM020214.D
 Acq: 09 May 2019 13:15

Tgt Ion	164	Resp	254858
Ion Ratio	Lower	Upper	
164	100		
162	99.7	82.2	123.2
160	45.5	37.6	56.4

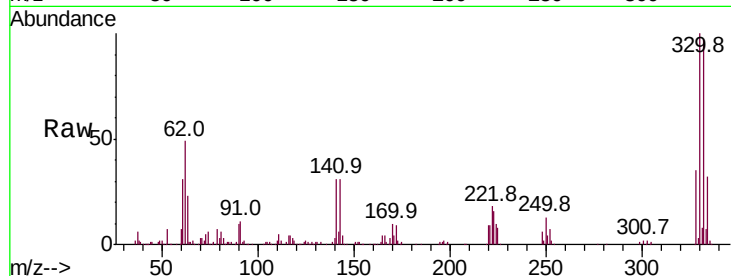




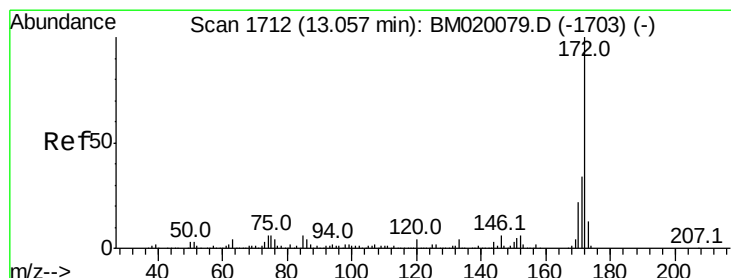
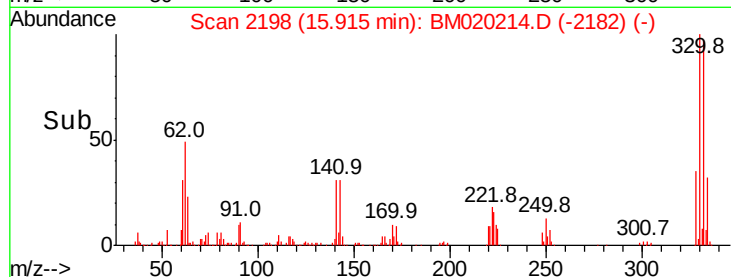
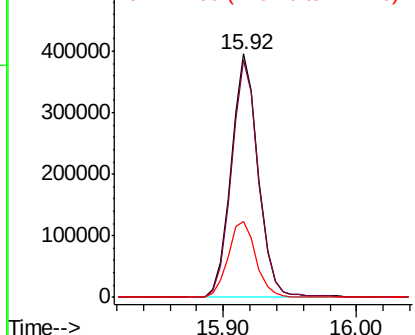
#42
 2,4,6-Tribromophenol
 Concen: 141.243 ng
 RT: 15.92 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BM020214.D
 Acq: 09 May 2019 13:15

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:330 Resp: 558739
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.8 115.2
 141 32.3 29.2 43.8

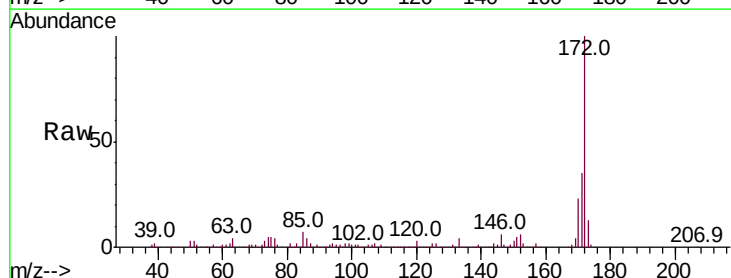


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

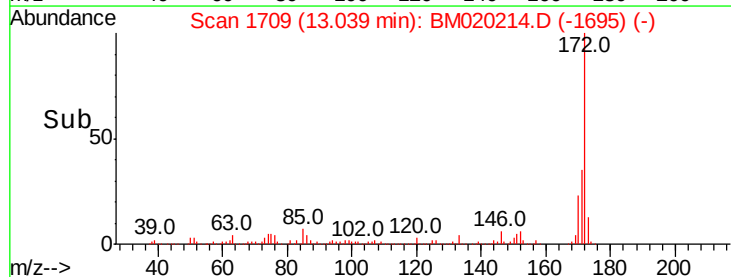
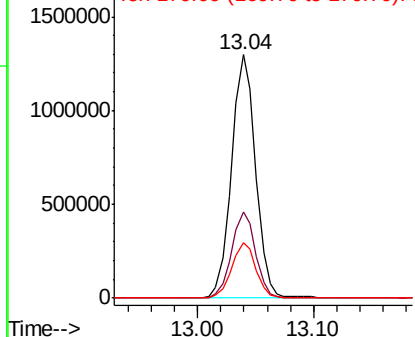


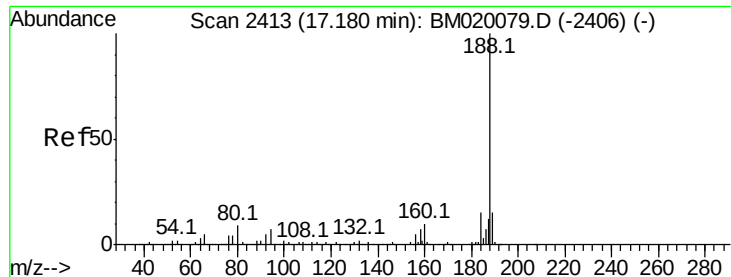
#45
 2-Fluorobiphenyl
 Concen: 90.418 ng
 RT: 13.04 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BM020214.D
 Acq: 09 May 2019 13:15

Tgt Ion:172 Resp: 1872917
 Ion Ratio Lower Upper
 172 100
 171 35.4 27.3 40.9
 170 22.5 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: 17.17 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

Instrument :

BNA_M

ClientSampled :

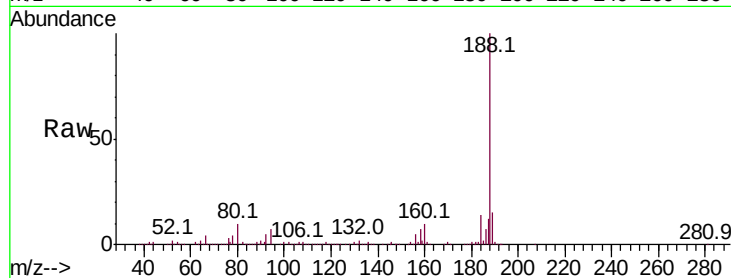
Tot Ion:188 Resp: 605202

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.6

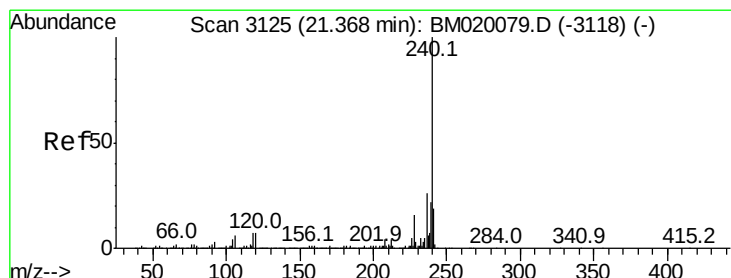
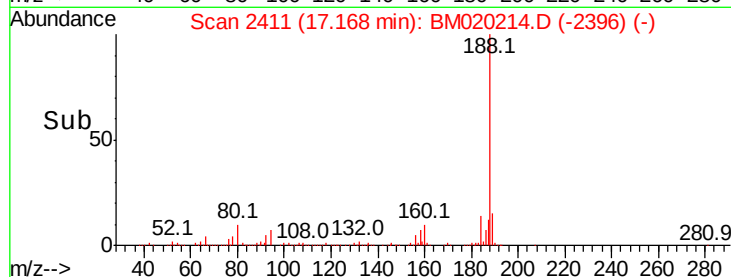
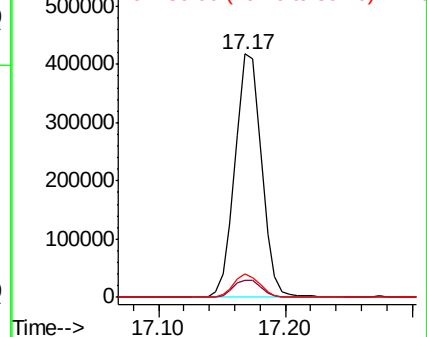
80 9.9 7.4 11.2



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# 3123

Delta R.T. -0.01 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

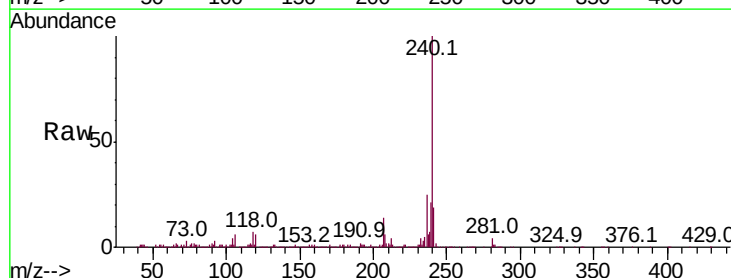
Tgt Ion:240 Resp: 622577

Ion Ratio Lower Upper

240 100

120 6.5 5.6 8.4

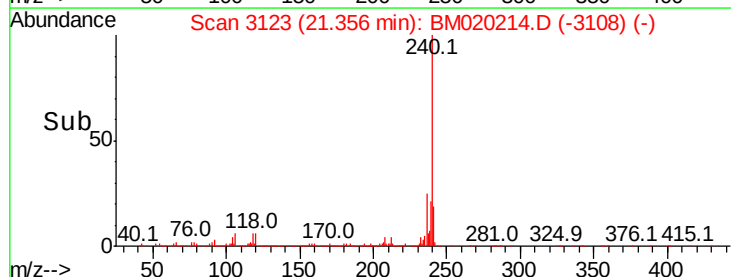
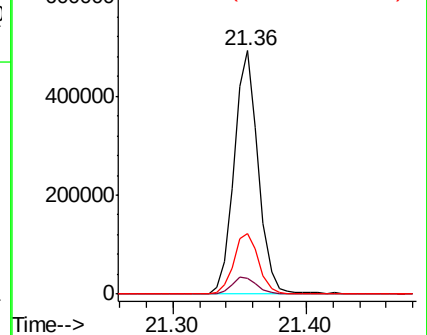
236 25.0 20.9 31.3

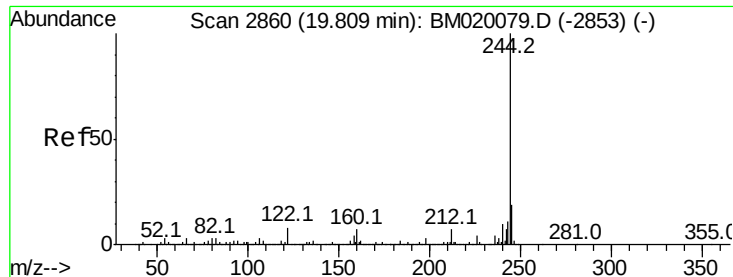


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 94.323 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM020214.D

Acq: 09 May 2019 13:15

Instrument :

BNA_M

ClientSampleId :

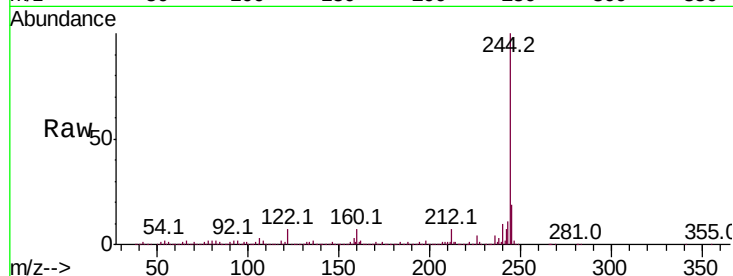
Tot Ion:244 Resp: 3366736

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

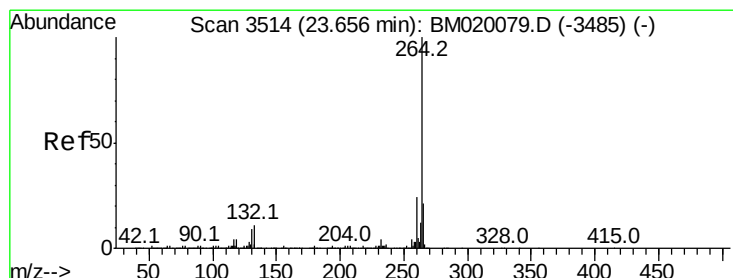
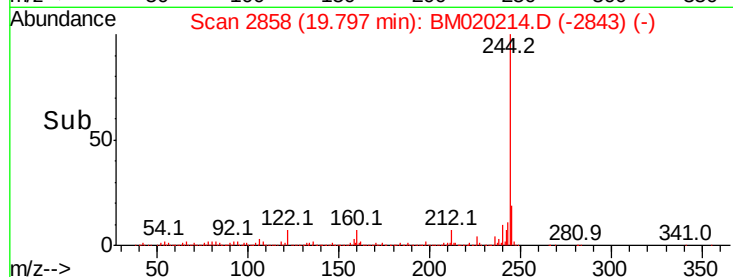
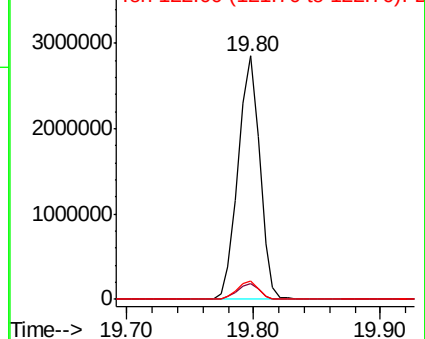
122 7.5 6.2 9.2



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: BM020214.D

Acq: 09 May 2019 13:15

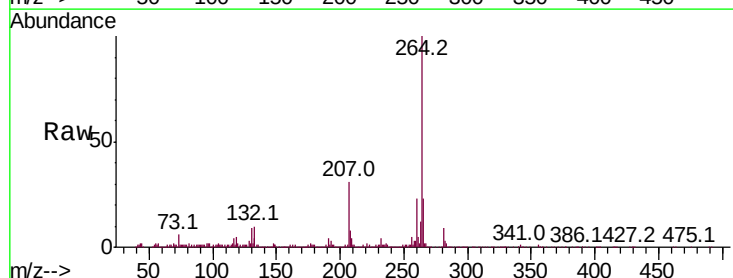
Tgt Ion:264 Resp: 712615

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 22.6 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

