

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\
 Data File : BM020124.D
 Acq On : 03 May 2019 22:28
 Operator : JU/SJ
 Sample : K2635-05 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 03 23:57:40 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	7.79	152	150056	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	595010	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	368383	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	846658	20.00	ng	0.00
76) Chrysene-d12	21.36	240	847929	20.00	ng	-0.01
87) Perylene-d12	23.64	264	991468	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	178110	19.40	ng	0.00
7) Phenol-d6	6.94	99	257002	20.49	ng	-0.01
23) Nitrobenzene-d5	8.95	82	179523	11.91	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	98552	17.24	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	364637	12.18	ng	-0.01
79) Terphenyl-d14	19.80	244	566853	11.66	ng	-0.01

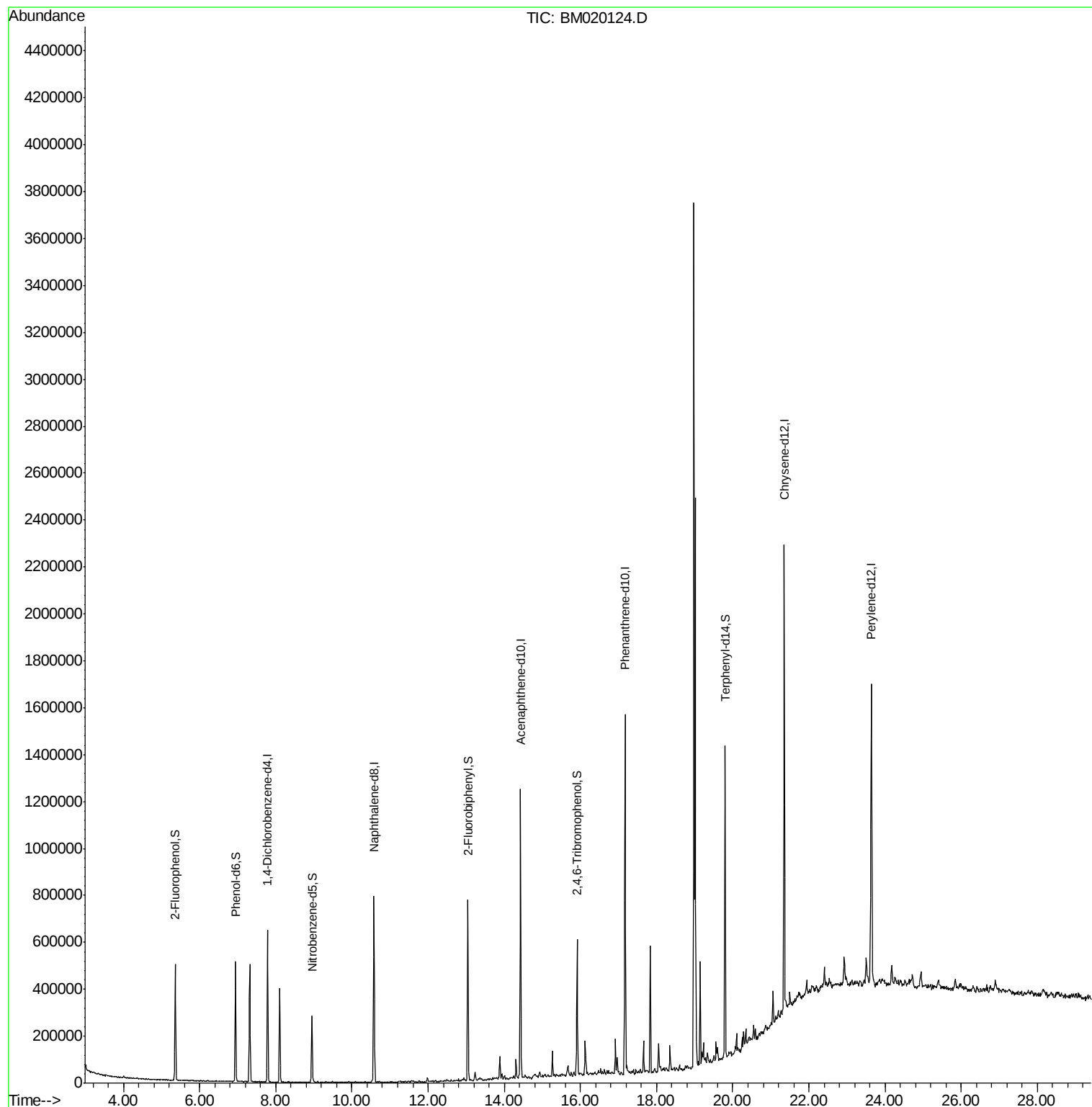
Target Compounds Qvalue

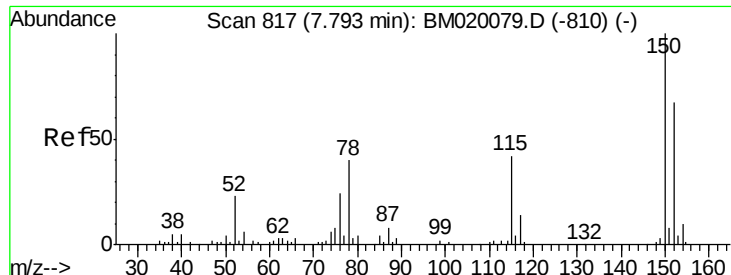
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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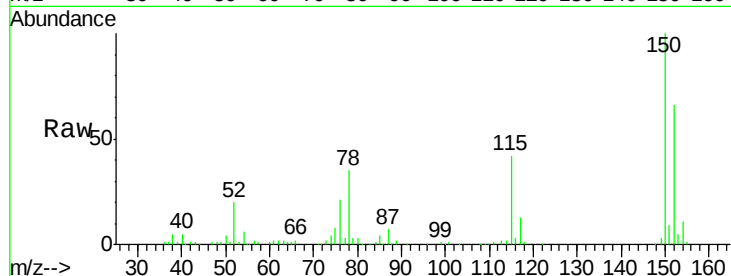


#1

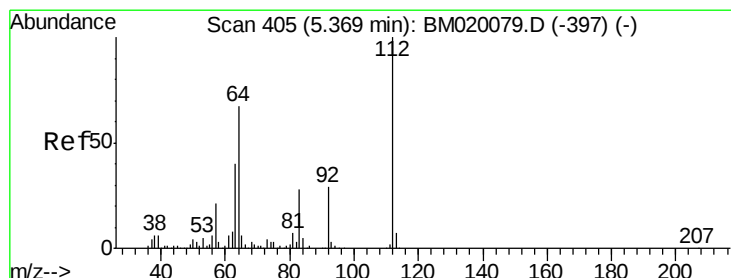
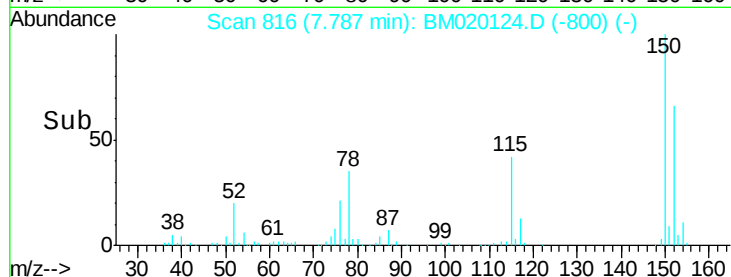
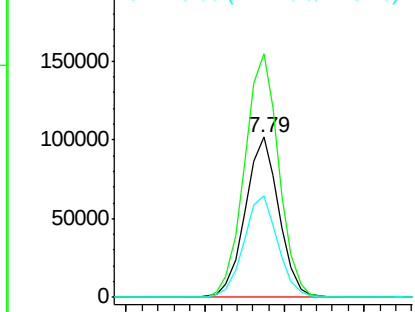
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020124.D
Acq: 03 May 2019 22:28

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	119.8	179.8
115	63.6	50.8	76.2



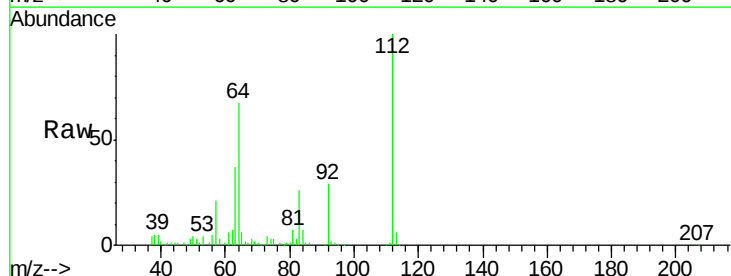
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



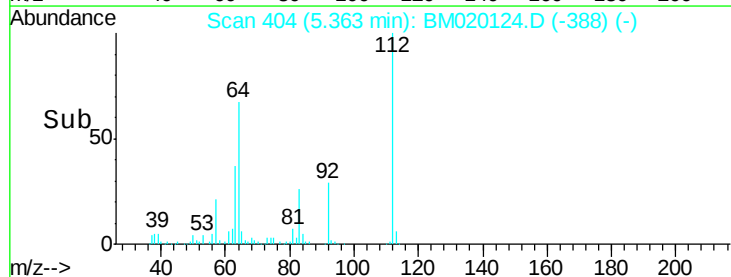
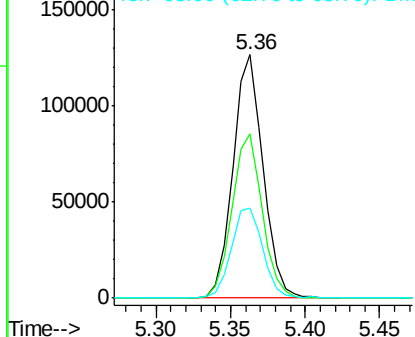
#5

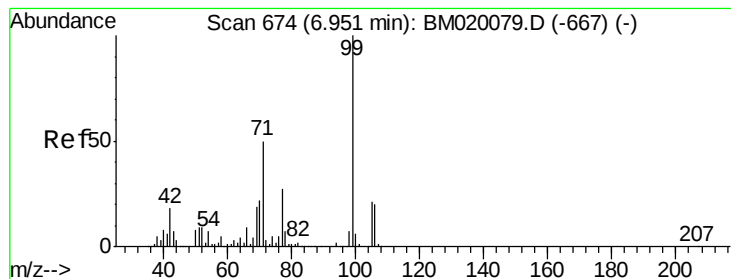
2-Fluorophenol
Concen: 19.402 ng
RT: 5.36 min Scan# 404
Delta R.T. -0.01 min
Lab File: BM020124.D
Acq: 03 May 2019 22:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	53.8	80.6
63	37.1	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: 20.493 ng

RT: 6.94 min Scan# 672

Delta R.T. -0.01 min

Lab File: BM020124.D

Acq: 03 May 2019 22:28

Instrument :

BNA_M

ClientSampleId :

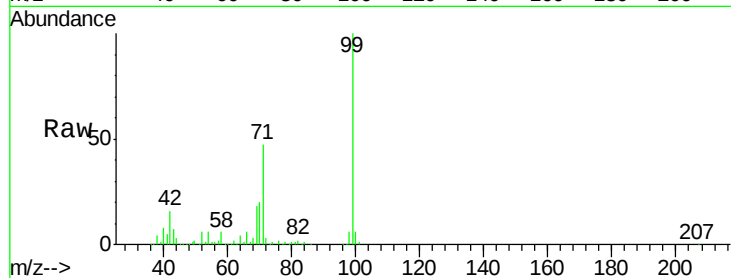
Tot Ion: 99 Resp: 257002

Ion Ratio Lower Upper

99 100

42 15.8 14.2 21.2

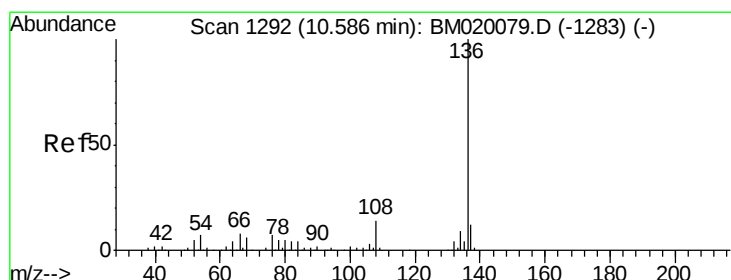
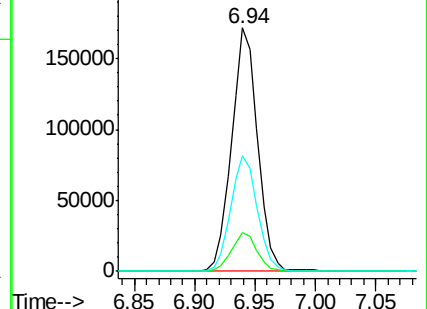
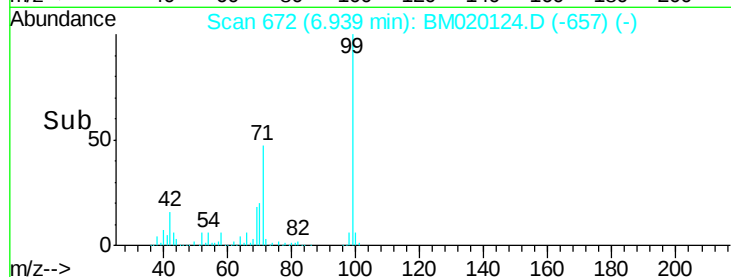
71 47.3 40.3 60.5



Abundance Ion 99.00 (98.70 to 99.70): BM020124.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020124.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020124.D (-667) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.58 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BM020124.D

Acq: 03 May 2019 22:28

Tgt Ion: 136 Resp: 595010

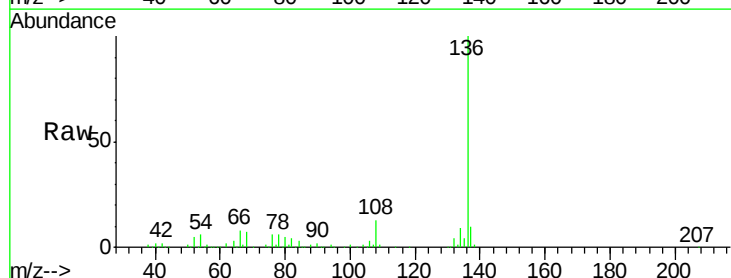
Ion Ratio Lower Upper

136 100

137 10.4 9.6 14.4

54 6.2 5.5 8.3

68 6.7 4.6 6.8

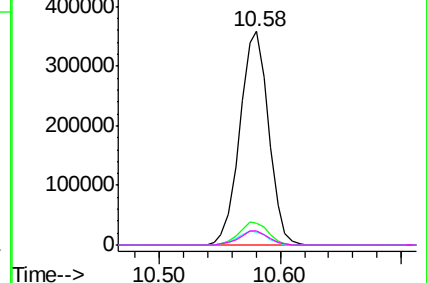
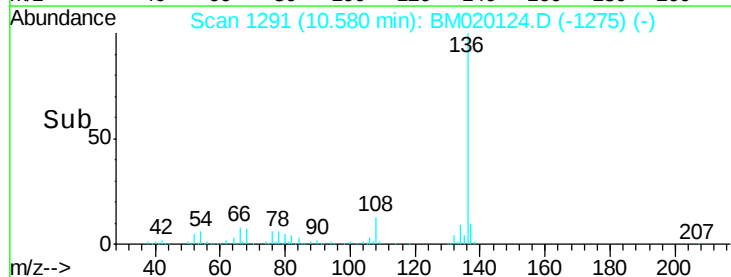


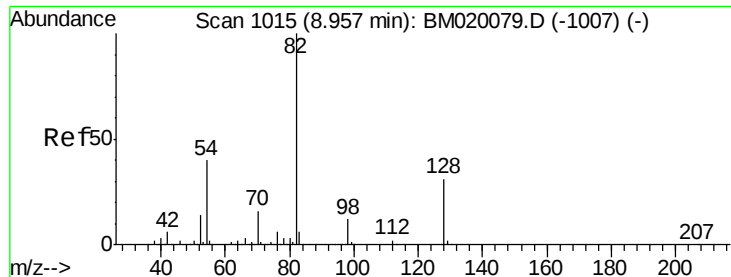
Abundance Ion 136.00 (135.70 to 136.70): BM020124.D (-1283) (-)

Ion 137.00 (136.70 to 137.70): BM020124.D (-1283) (-)

Ion 54.00 (53.70 to 54.70): BM020124.D (-1283) (-)

Ion 68.00 (67.70 to 68.70): BM020124.D (-1283) (-)

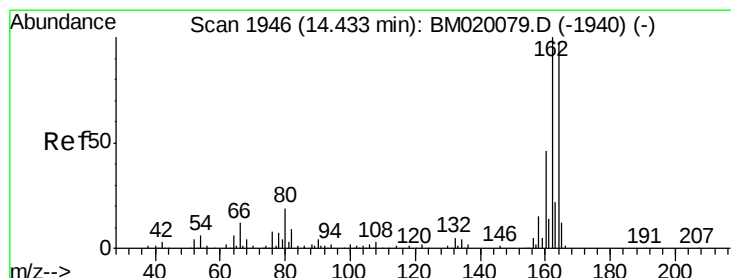
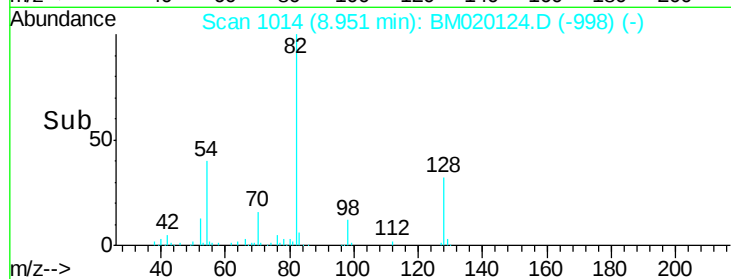
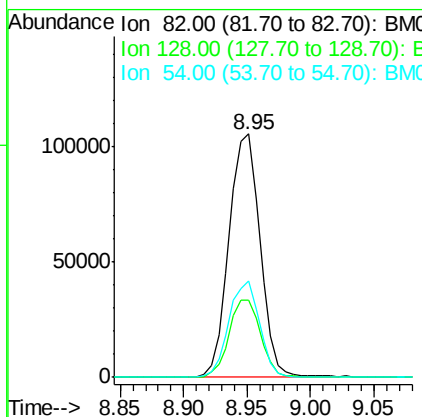
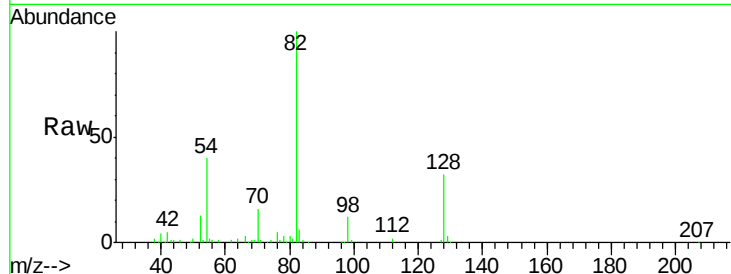




#23
Nitrobenzene-d5
Concen: 11.912 ng
RT: 8.95 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BM020124.D
Acq: 03 May 2019 22:28

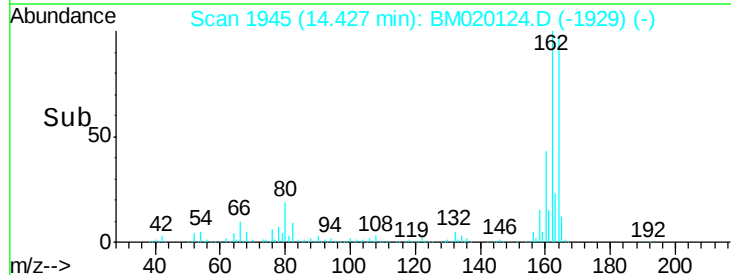
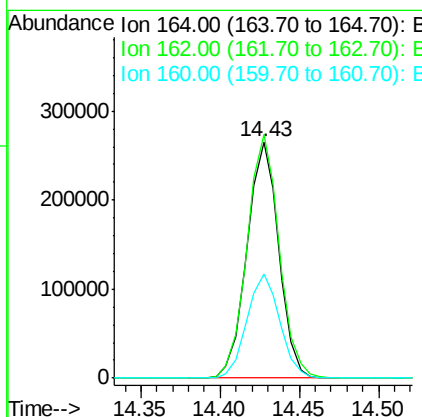
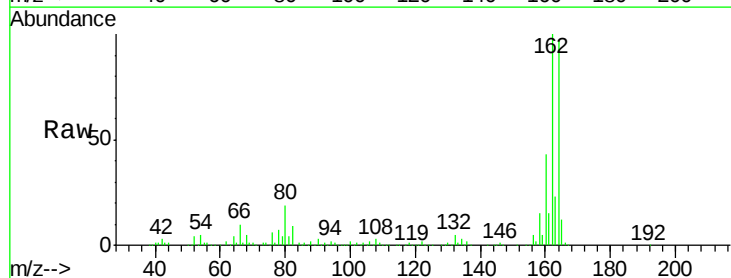
Instrument :
BNA_M
ClientSampled :

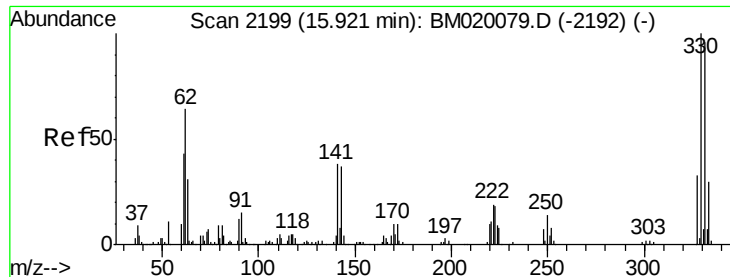
Tot Ion	82	Resp	179523
Ion Ratio	Lower	Upper	
82	100		
128	31.8	25.2	37.8
54	39.6	31.9	47.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM020124.D
Acq: 03 May 2019 22:28

Tgt Ion	164	Resp	368383
Ion Ratio	Lower	Upper	
164	100		
162	102.9	82.2	123.2
160	44.1	37.6	56.4

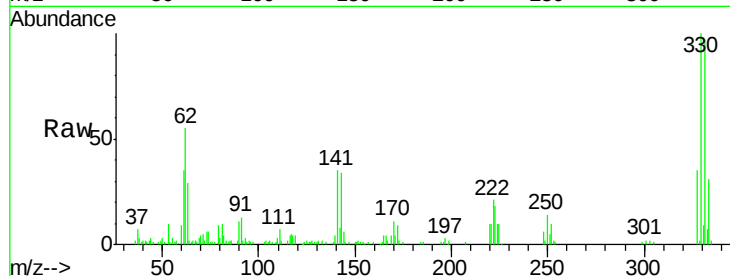




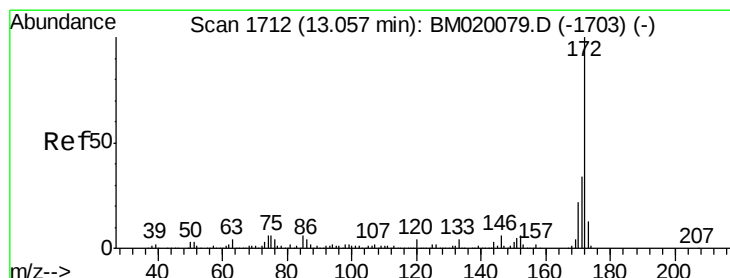
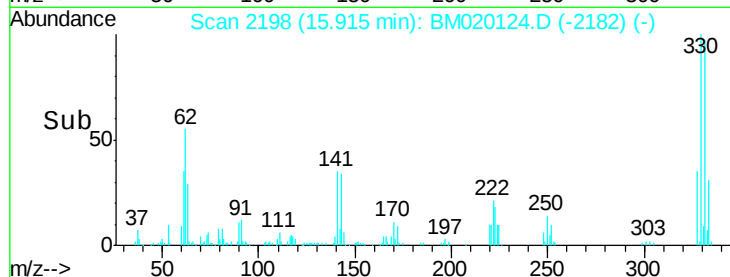
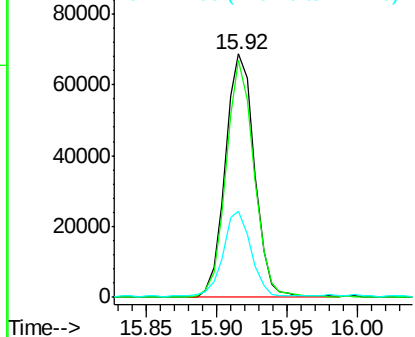
#42
 2,4,6-Tribromophenol
 Concen: 17.235 ng
 RT: 15.92 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BM020124.D
 Acq: 03 May 2019 22:28

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 98552
 Ion Ratio Lower Upper
 330 100
 332 93.8 76.8 115.2
 141 35.1 29.2 43.8

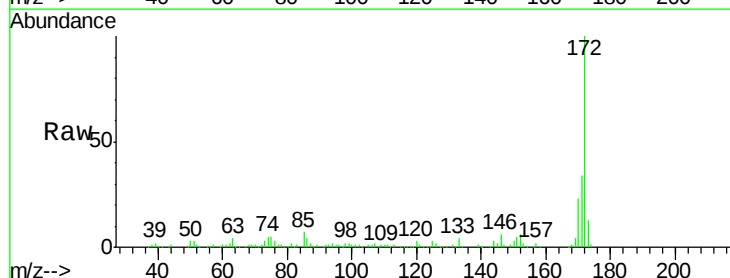


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

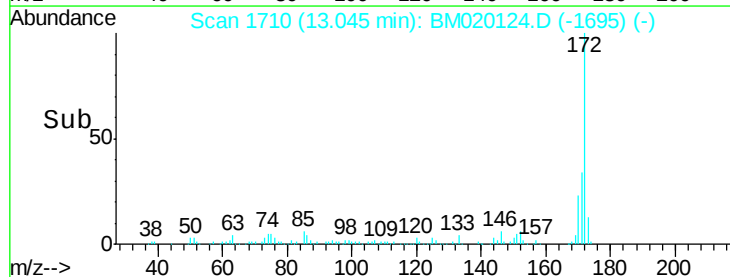
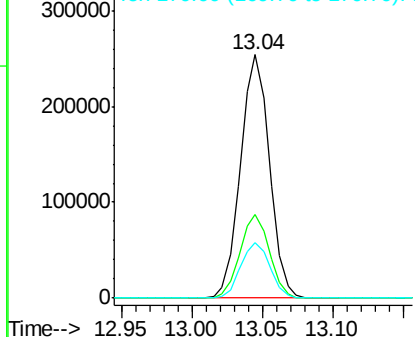


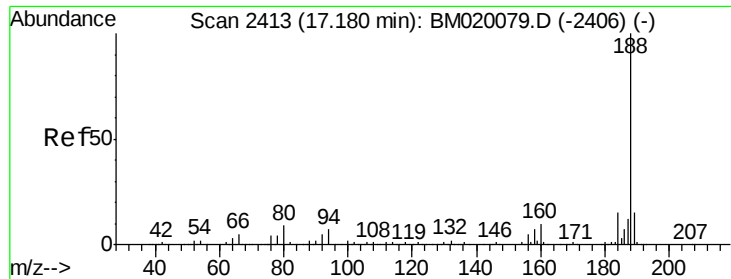
#45
 2-Fluorobiphenyl
 Concen: 12.179 ng
 RT: 13.04 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BM020124.D
 Acq: 03 May 2019 22:28

Tgt Ion:172 Resp: 364637
 Ion Ratio Lower Upper
 172 100
 171 34.2 27.3 40.9
 170 22.8 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# 2412

Delta R.T. -0.01 min

Lab File: BM020124.D

Acq: 03 May 2019 22:28

Instrument :

BNA_M

ClientSampleId :

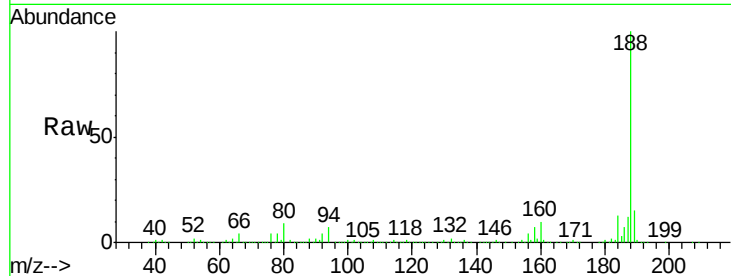
Tot Ion:188 Resp: 846658

Ion Ratio Lower Upper

188 100

94 7.4 5.8 8.6

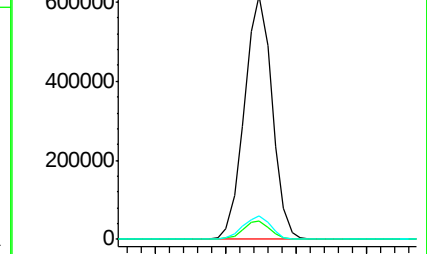
80 9.5 7.4 11.2



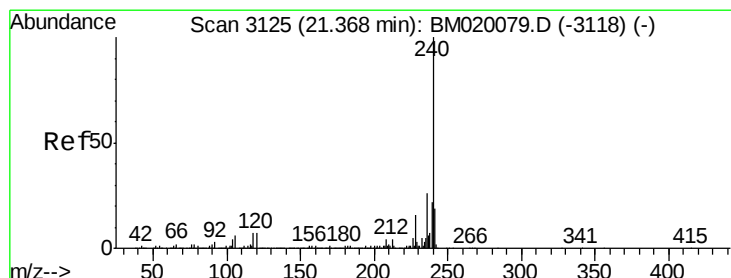
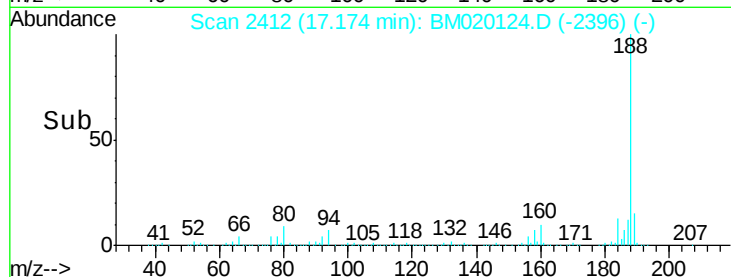
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM020124.D

Acq: 03 May 2019 22:28

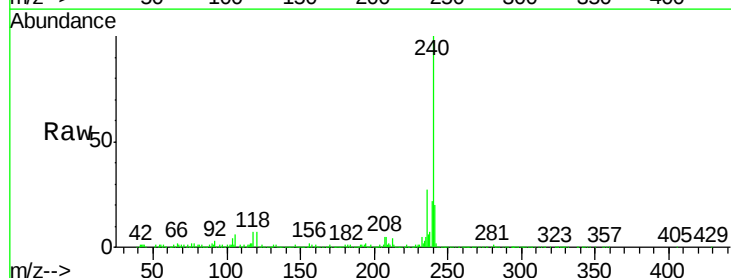
Tgt Ion:240 Resp: 847929

Ion Ratio Lower Upper

240 100

120 7.0 5.6 8.4

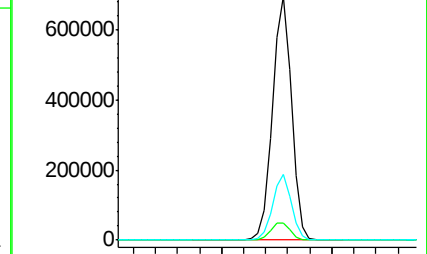
236 26.8 20.9 31.3



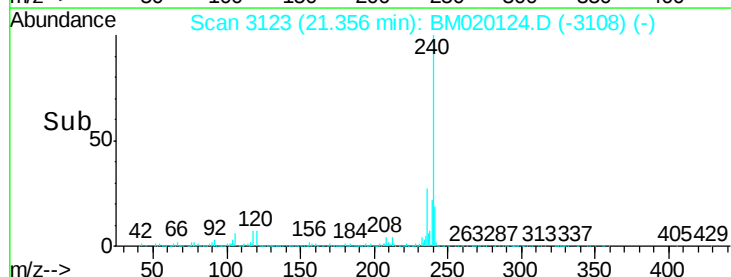
Abundance Ion 240.00 (239.70 to 240.70): E

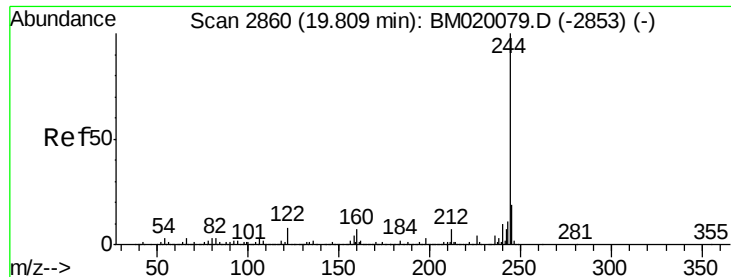
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#79

Terphenyl-d14

Concen: 11.660 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM020124.D

Acq: 03 May 2019 22:28

Instrument :

BNA_M

ClientSampleId :

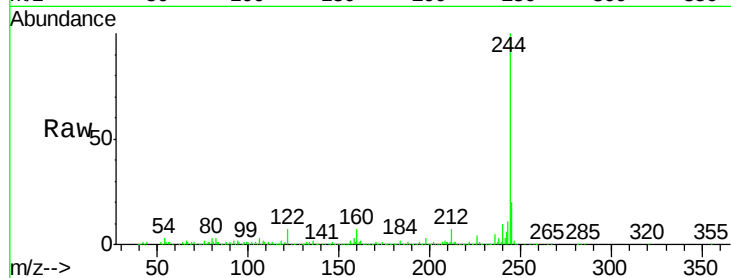
Tot Ion:244 Resp: 566853

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

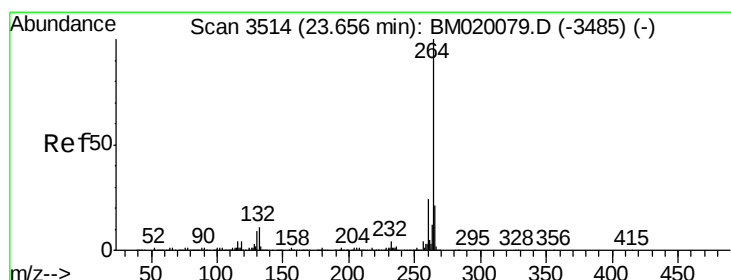
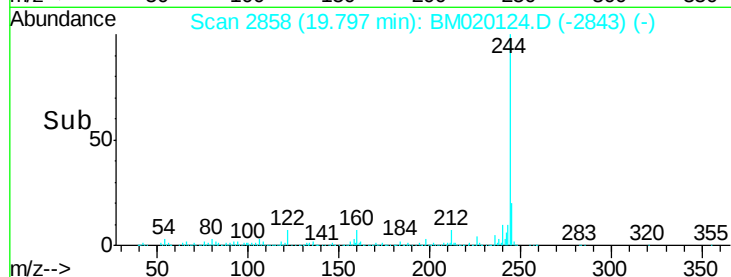
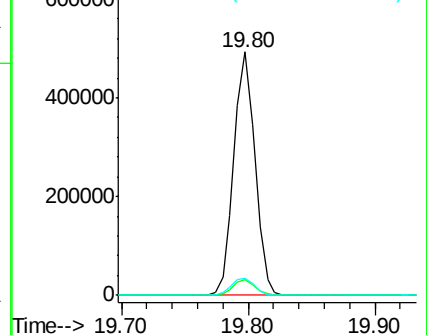
122 7.1 6.2 9.2



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: BM020124.D

Acq: 03 May 2019 22:28

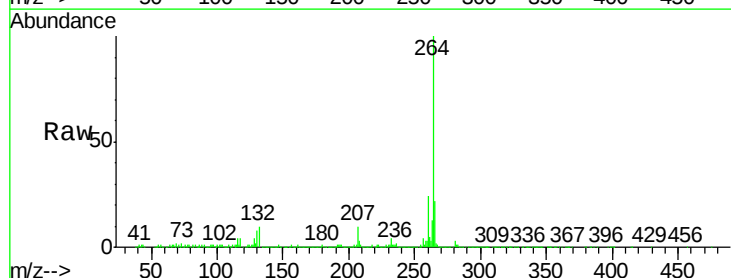
Tgt Ion:264 Resp: 991468

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.8 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

