

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051119\
 Data File : BM020288.D
 Acq On : 12 May 2019 01:45
 Operator : JU/SJ
 Sample : K2647-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-02-050919-A

Quant Time: May 12 03:14:14 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	7.76	152	58258	20.00	ng	-0.03
21) Naphthalene-d8	10.56	136	191666	20.00	ng	-0.03
39) Acenaphthene-d10	14.41	164	109320	20.00	ng	-0.02
64) Phenanthrene-d10	17.16	188	253313	20.00	ng	-0.02
76) Chrysene-d12	21.35	240	266858	20.00	ng	-0.02
87) Perylene-d12	23.64	264	323241	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	445698	125.05	ng	-0.02
7) Phenol-d6	6.93	99	517308	106.24	ng	-0.02
23) Nitrobenzene-d5	8.93	82	447188	92.11	ng	-0.02
42) 2,4,6-Tribromophenol	15.90	330	242621	142.98	ng	-0.02
45) 2-Fluorobiphenyl	13.03	172	826888	93.06	ng	-0.03
79) Terphenyl-d14	19.79	244	1397390	91.34	ng	-0.02

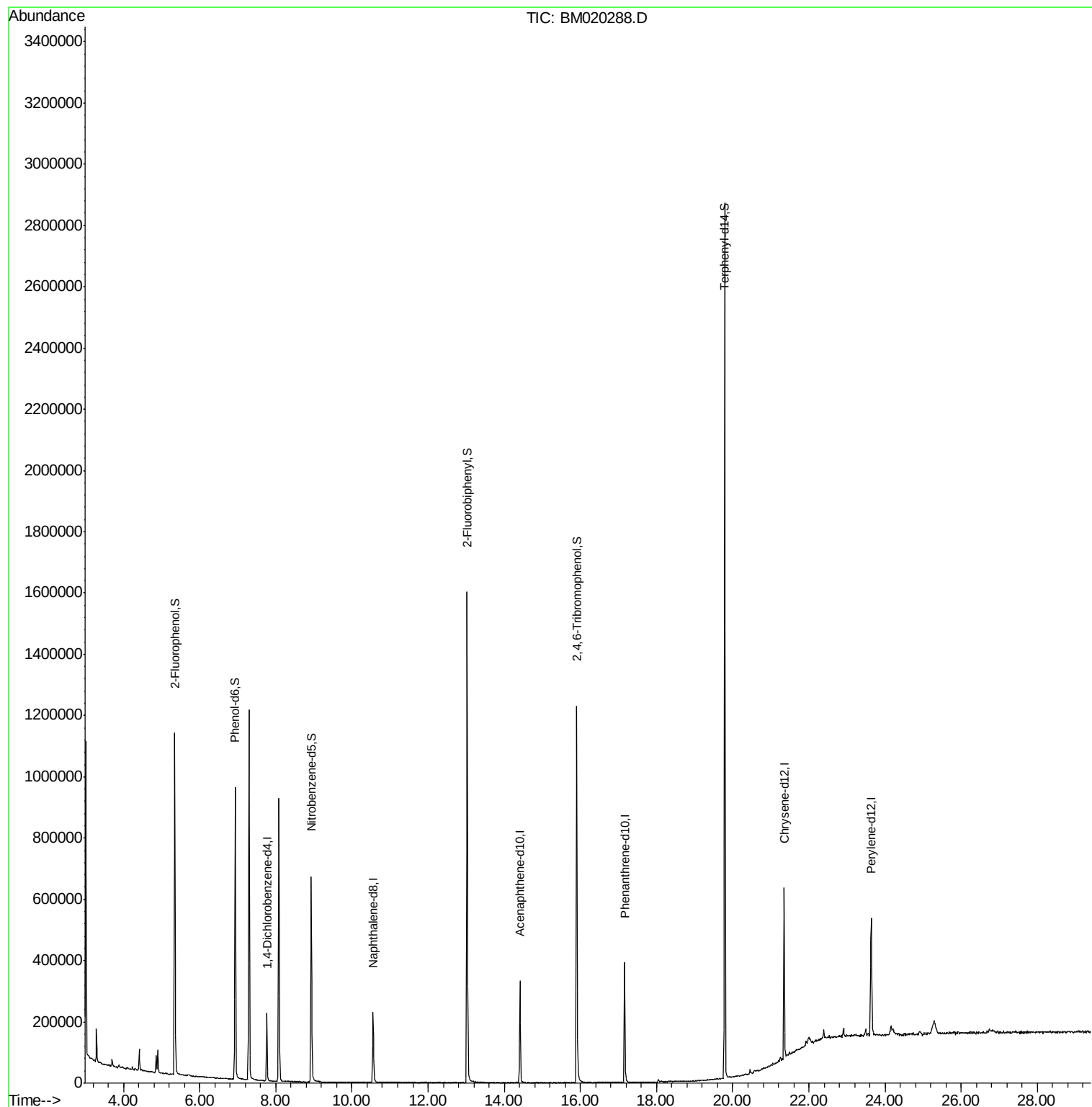
Target Compounds Qvalue

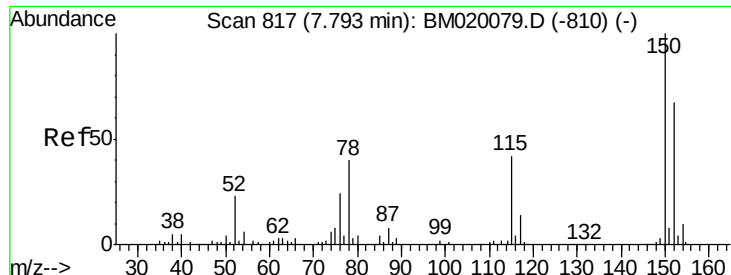
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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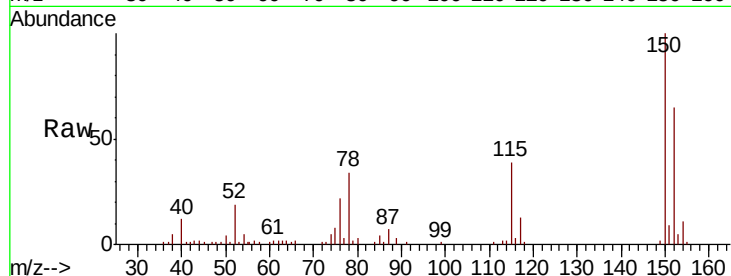


#1

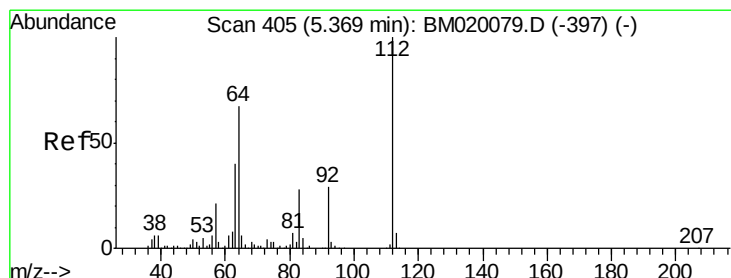
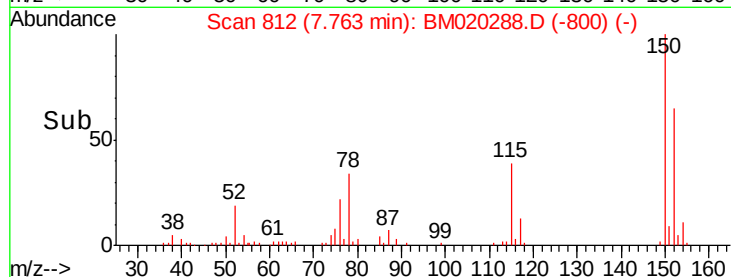
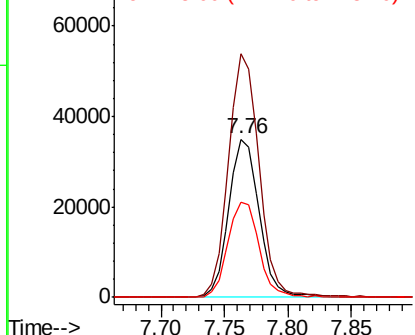
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.76 min Scan# 812
 Delta R.T. -0.03 min
 Lab File: BM020288.D
 Acq: 12 May 2019 01:45

Instrument :
 BNA_M
 ClientSampleId :
 SU-02-050919-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	119.8	179.8
115	60.7	50.8	76.2



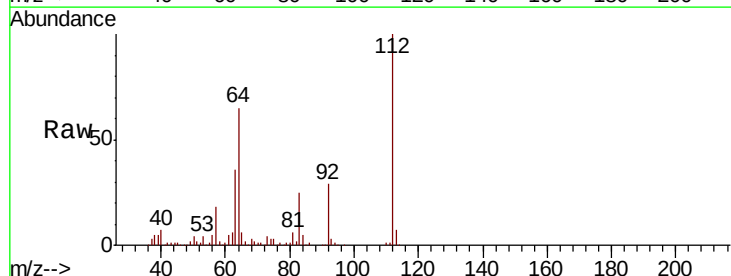
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



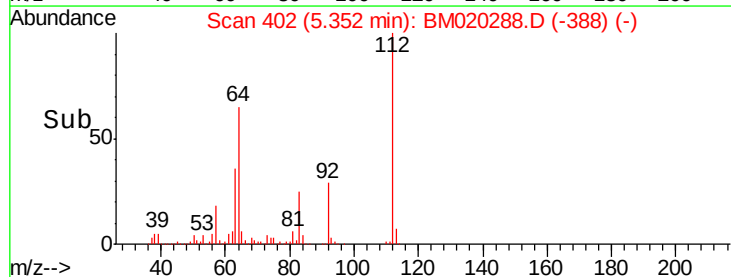
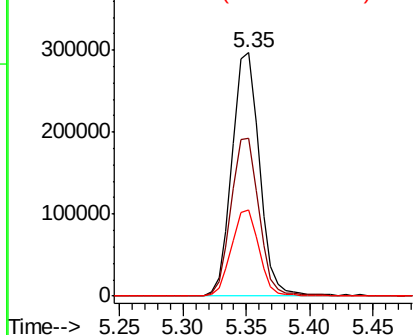
#5

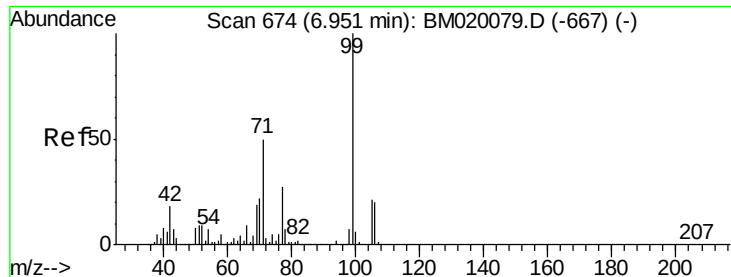
2-Fluorophenol
 Concen: 125.053 ng
 RT: 5.35 min Scan# 402
 Delta R.T. -0.02 min
 Lab File: BM020288.D
 Acq: 12 May 2019 01:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	53.8	80.6
63	35.5	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: 106.245 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.02 min

Lab File: BM020288.D

Acq: 12 May 2019 01:45

Instrument :

BNA_M

ClientSampleId :

SU-02-050919-A

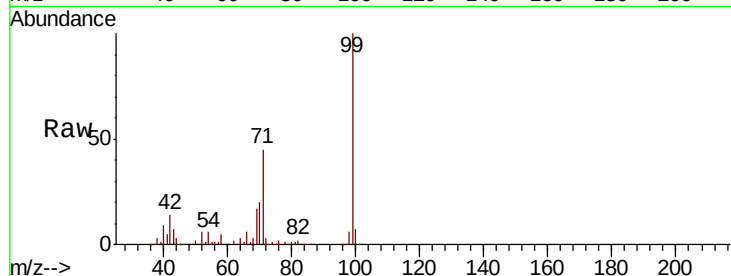
Tot Ion: 99 Resp: 517308

Ion Ratio Lower Upper

99 100

42 13.8 14.2 21.2#

71 45.4 40.3 60.5

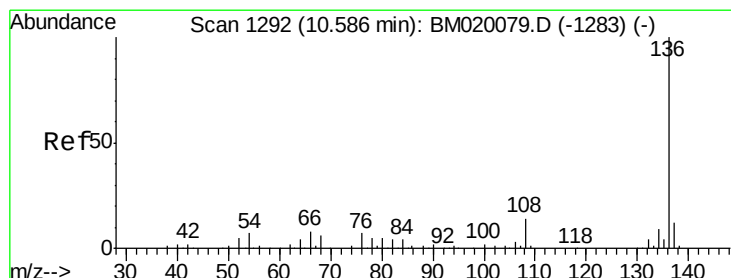
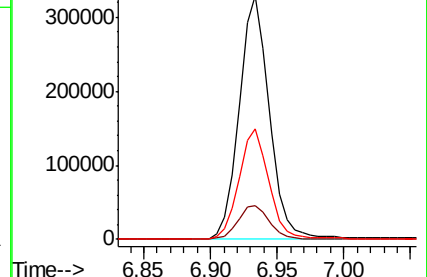
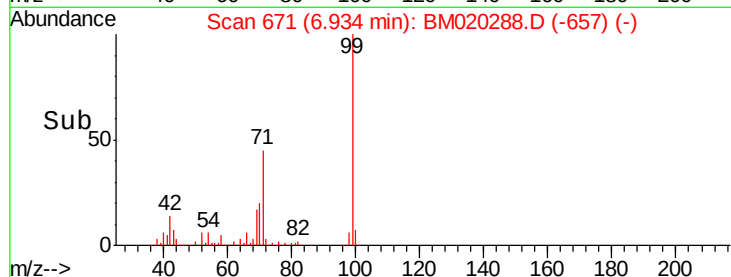


Abundance Ion 99.00 (98.70 to 99.70): BM020079.D (-667) (-)

Ion 42.00 (41.70 to 42.70): BM020079.D (-667) (-)

Ion 71.00 (70.70 to 71.70): BM020079.D (-667) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.56 min Scan# 1287

Delta R.T. -0.03 min

Lab File: BM020288.D

Acq: 12 May 2019 01:45

Tgt Ion: 136 Resp: 191666

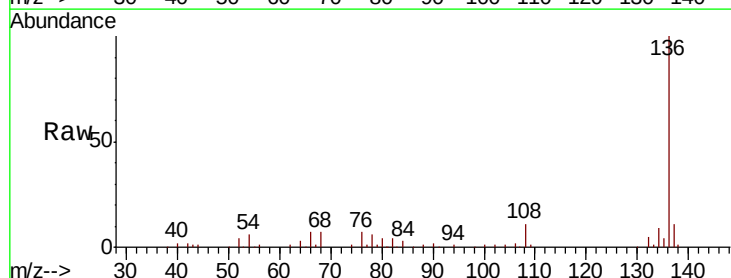
Ion Ratio Lower Upper

136 100

137 10.6 9.6 14.4

54 6.1 5.5 8.3

68 6.6 4.6 6.8



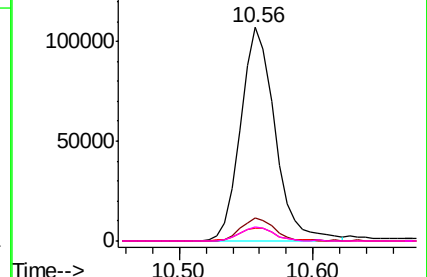
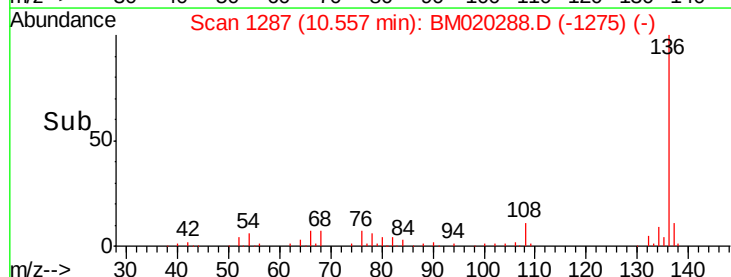
Abundance Ion 136.00 (135.70 to 136.70): BM020079.D (-1283) (-)

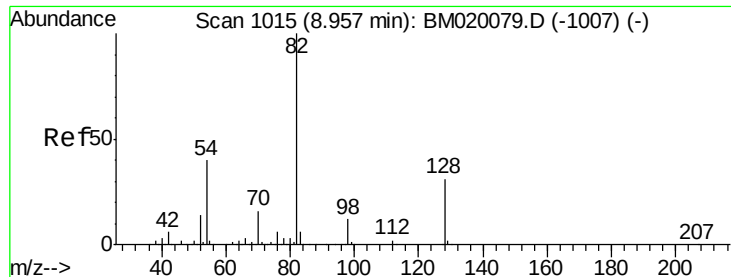
Ion 137.00 (136.70 to 137.70): BM020079.D (-1283) (-)

Ion 54.00 (53.70 to 54.70): BM020079.D (-1283) (-)

Ion 68.00 (67.70 to 68.70): BM020079.D (-1283) (-)

Time-->

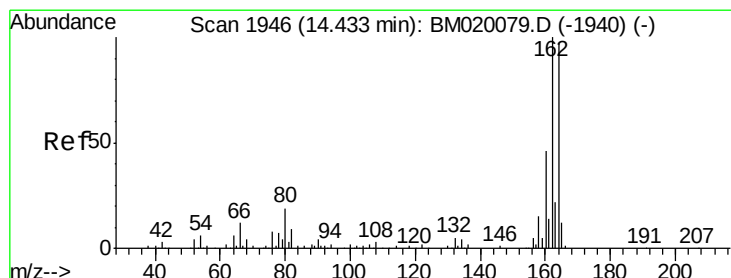
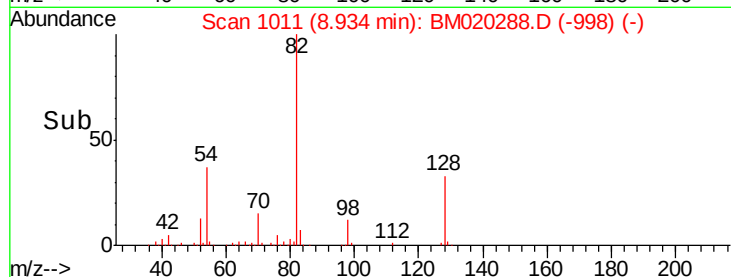
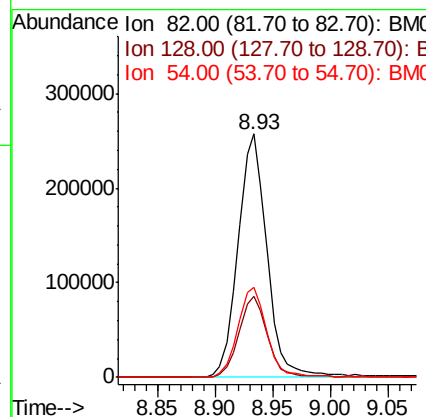
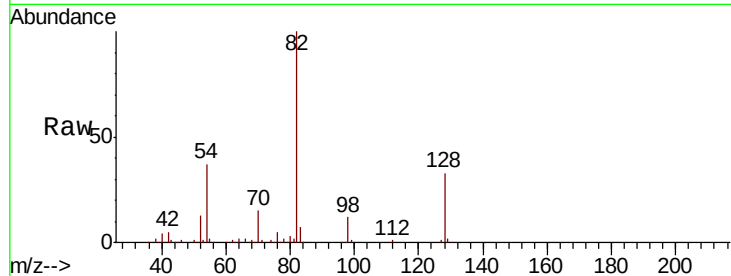




#23
Nitrobenzene-d5
Concen: 92.114 ng
RT: 8.93 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BM020288.D
Acq: 12 May 2019 01:45

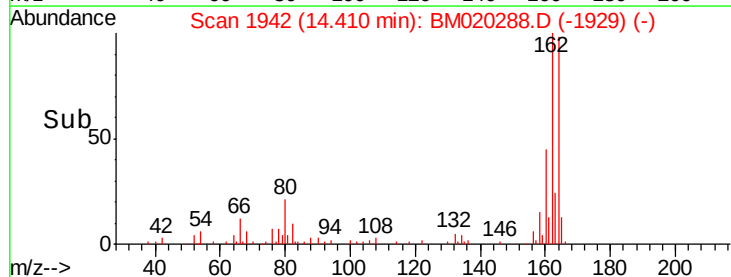
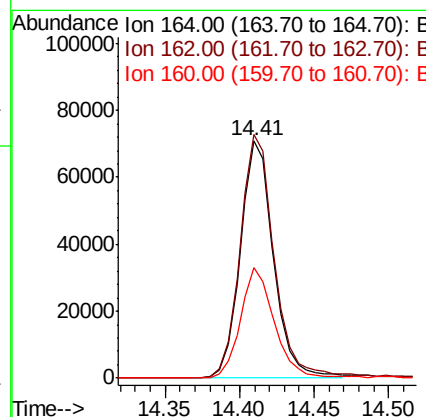
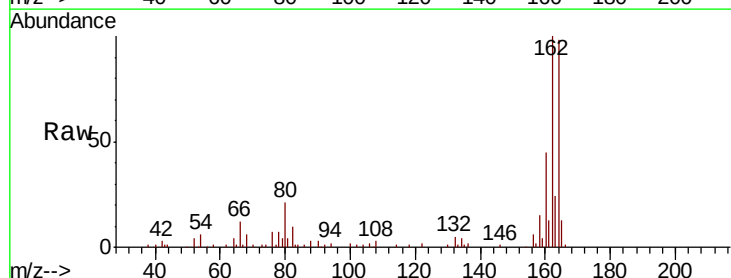
Instrument :
BNA_M
ClientSampleId :
SU-02-050919-A

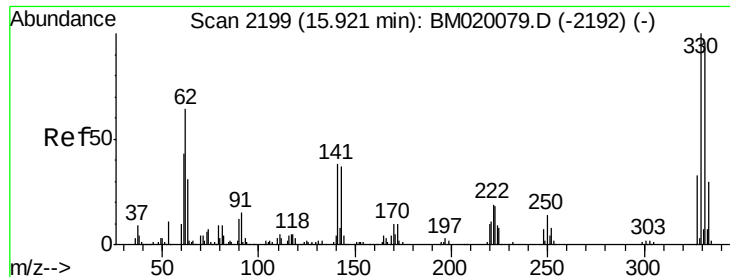
Tot Ion	82	Resp	447188
Ion Ratio	100	Lower	Upper
128	33.3	25.2	37.8
54	37.0	31.9	47.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BM020288.D
Acq: 12 May 2019 01:45

Tgt Ion	164	Resp	109320
Ion Ratio	100	Lower	Upper
162	102.5	82.2	123.2
160	46.6	37.6	56.4

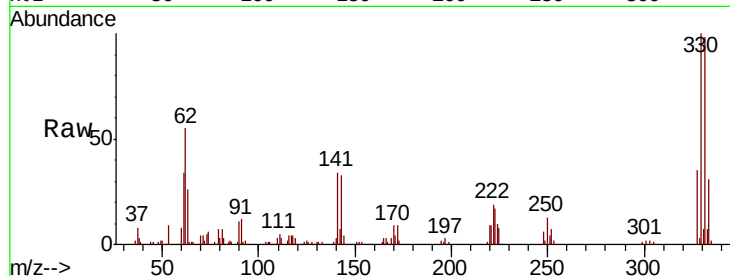




#42
 2,4,6-Tribromophenol
 Concen: 142.983 ng
 RT: 15.90 min Scan# 2196
 Delta R.T. -0.02 min
 Lab File: BM020288.D
 Acq: 12 May 2019 01:45

Instrument :
 BNA_M
 ClientSampleId :
 SU-02-050919-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.8	115.2
141	32.8	29.2	43.8

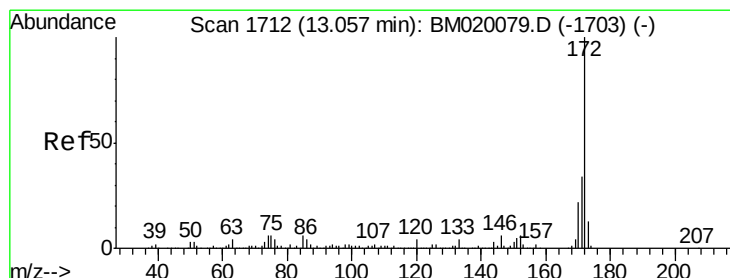
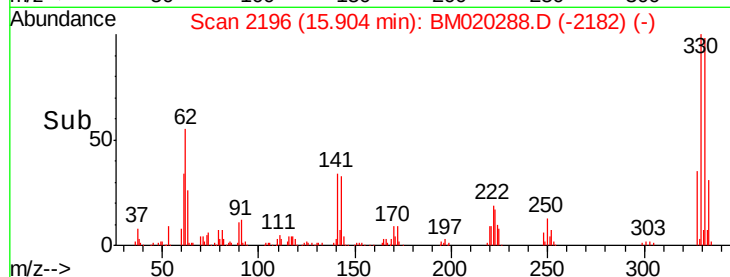
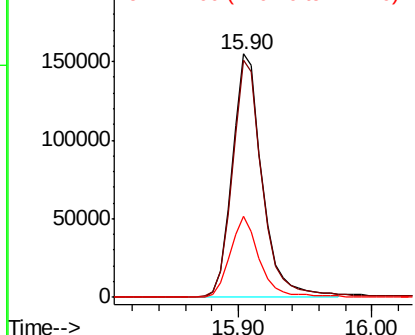


Abundance

Ion 329.80 (329.50 to 330.50): E

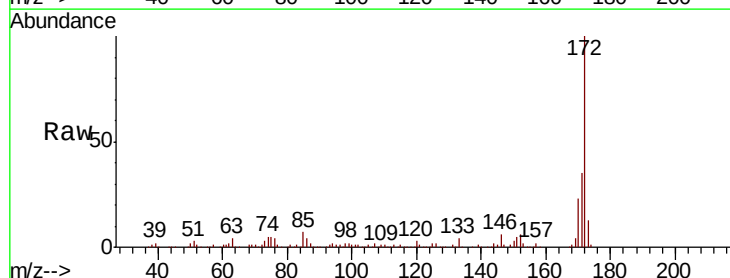
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 93.064 ng
 RT: 13.03 min Scan# 1707
 Delta R.T. -0.03 min
 Lab File: BM020288.D
 Acq: 12 May 2019 01:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.3	40.9
170	23.0	17.9	26.9

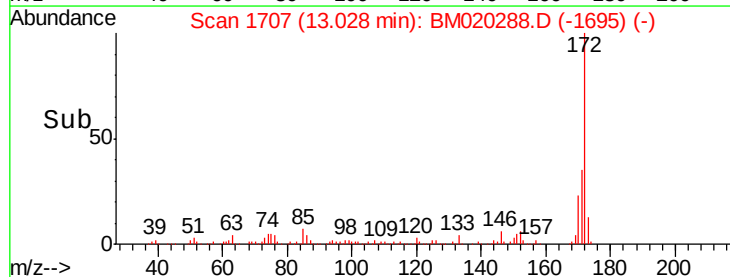
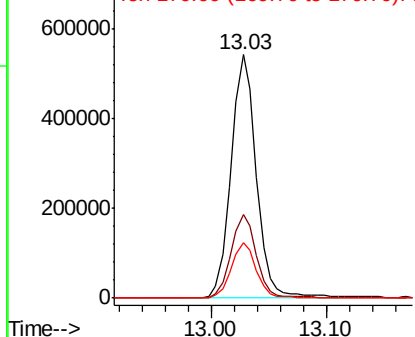


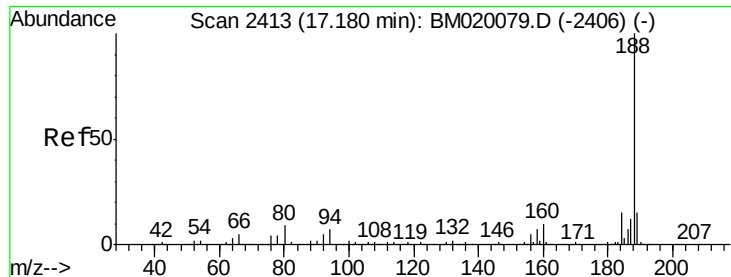
Abundance

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

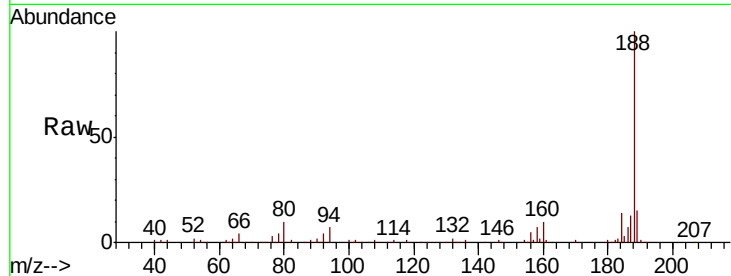




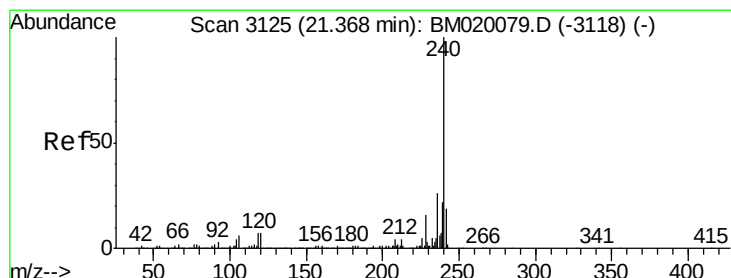
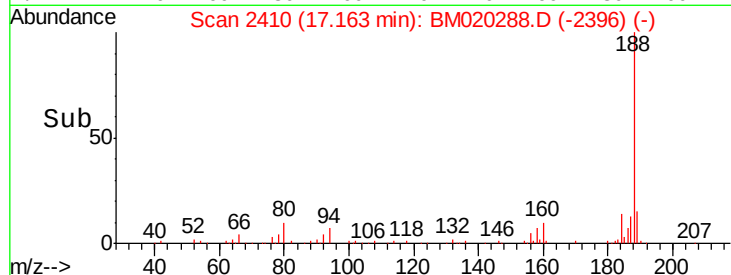
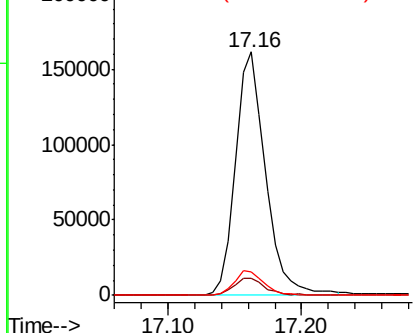
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2410
Delta R.T. -0.02 min
Lab File: BM020288.D
Acq: 12 May 2019 01:45

Instrument :
BNA_M
ClientSampleId :
SU-02-050919-A

Tot Ion:188 Resp: 253313
Ion Ratio Lower Upper
188 100
94 7.2 5.8 8.6
80 9.7 7.4 11.2

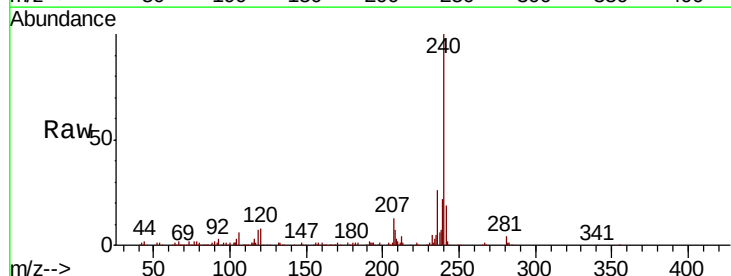


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

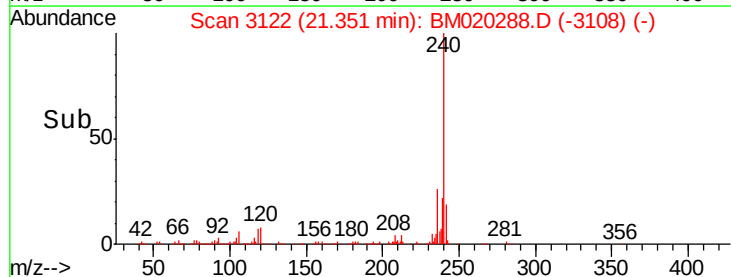
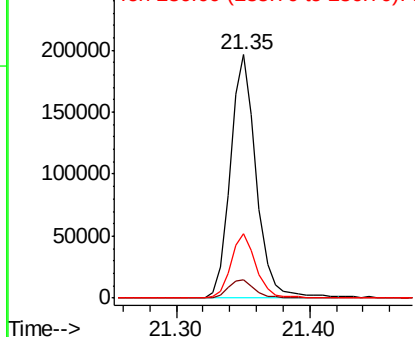


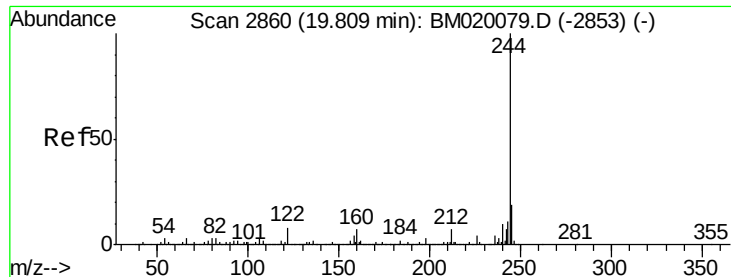
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3122
Delta R.T. -0.02 min
Lab File: BM020288.D
Acq: 12 May 2019 01:45

Tgt Ion:240 Resp: 266858
Ion Ratio Lower Upper
240 100
120 7.6 5.6 8.4
236 26.3 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: 91.335 ng

RT: 19.79 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BM020288.D

Acq: 12 May 2019 01:45

Instrument :

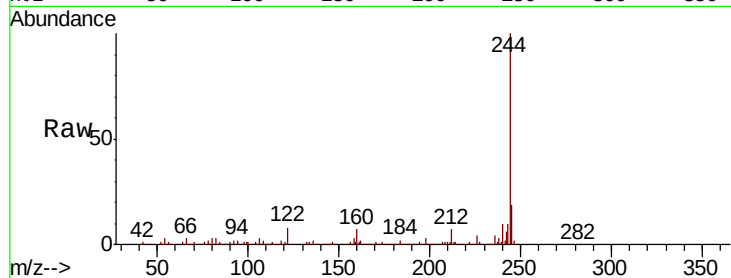
BNA_M

ClientSampleId :

SU-02-050919-A

Tot Ion:244 Resp: 1397390

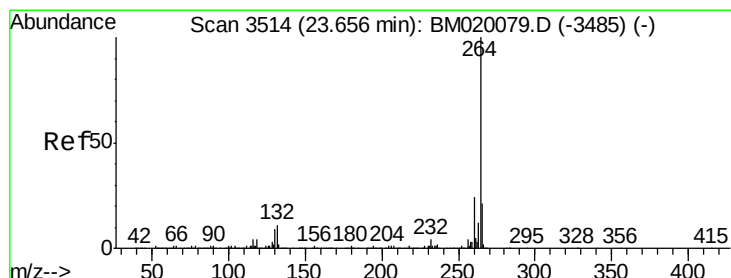
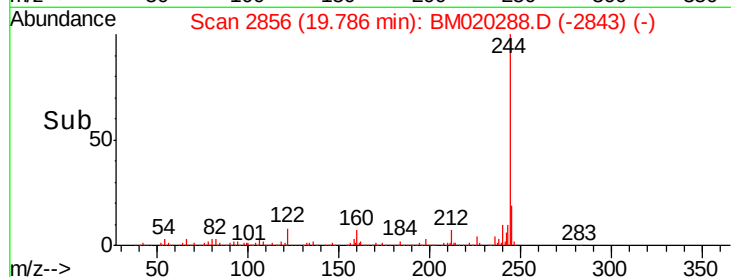
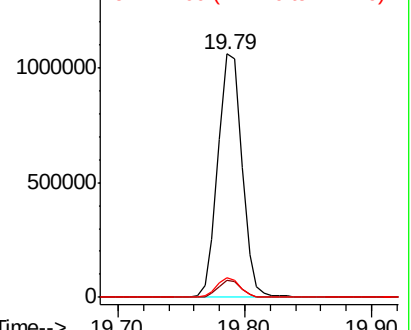
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.7	8.5
122	8.1	6.2	9.2



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# 3511

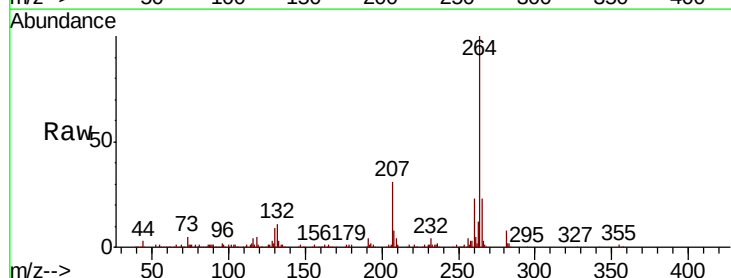
Delta R.T. -0.02 min

Lab File: BM020288.D

Acq: 12 May 2019 01:45

Tgt Ion:264 Resp: 323241

Ion	Ratio	Lower	Upper
264	100		
260	23.4	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

