

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051119\
 Data File : BM020271.D
 Acq On : 11 May 2019 14:18
 Operator : JU/SJ
 Sample : PB119644BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB119644BL

Quant Time: May 12 03:11:04 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	7.77	152	59228	20.00	ng	-0.02
21) Naphthalene-d8	10.56	136	197820	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	121838	20.00	ng	-0.02
64) Phenanthrene-d10	17.16	188	291926	20.00	ng	-0.02
76) Chrysene-d12	21.35	240	325382	20.00	ng	-0.02
87) Perylene-d12	23.64	264	387257	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	458295	126.48	ng	-0.02
7) Phenol-d6	6.93	99	595280	120.26	ng	-0.02
23) Nitrobenzene-d5	8.93	82	406818	81.19	ng	-0.02
42) 2,4,6-Tribromophenol	15.91	330	259254	137.09	ng	-0.01
45) 2-Fluorobiphenyl	13.03	172	810449	81.84	ng	-0.03
79) Terphenyl-d14	19.79	244	1535669	82.32	ng	-0.02

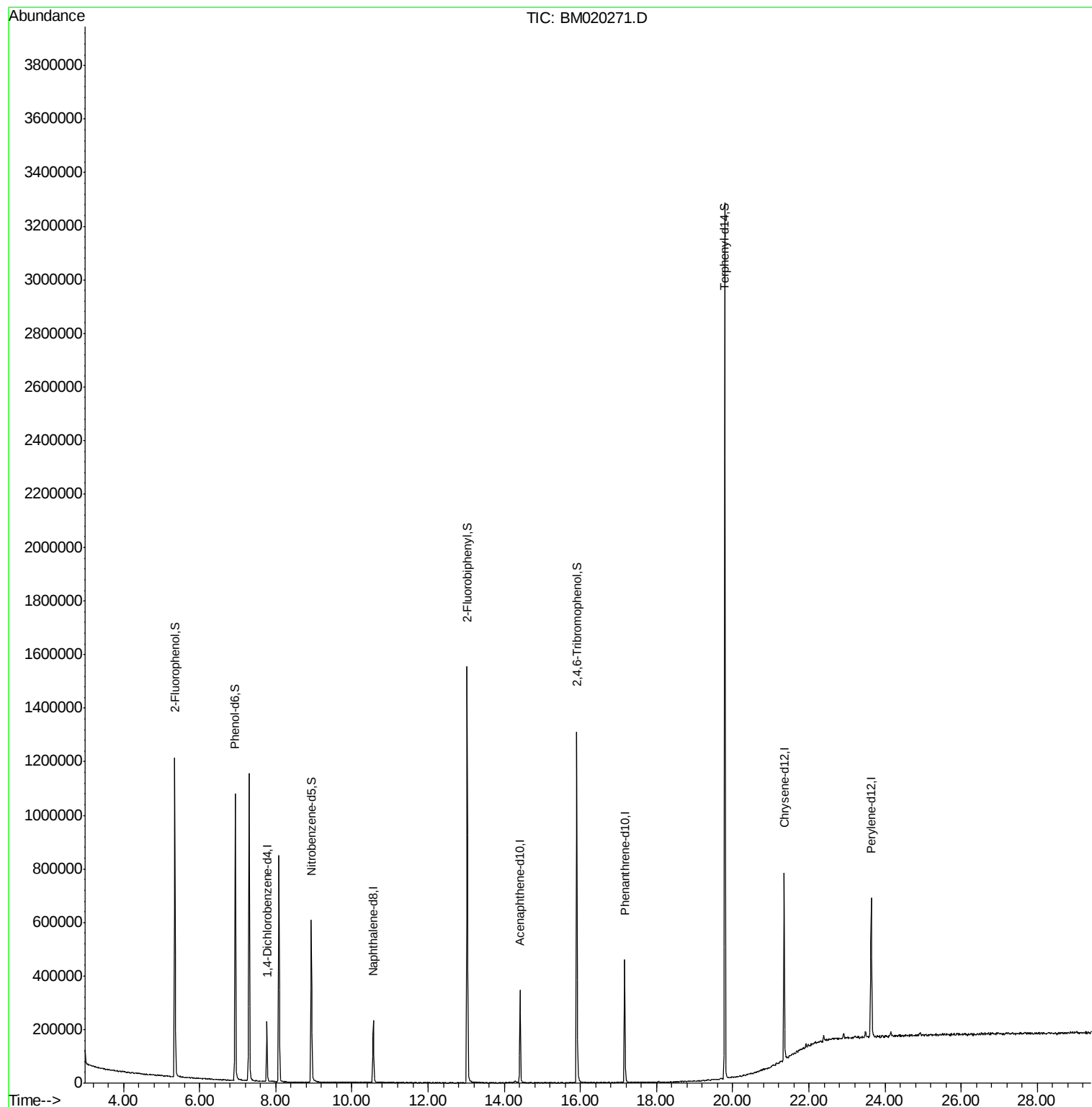
Target Compounds Qvalue

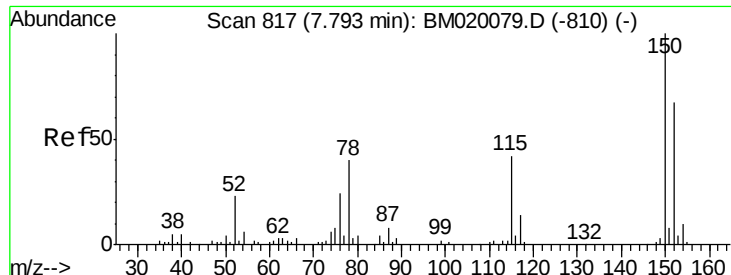
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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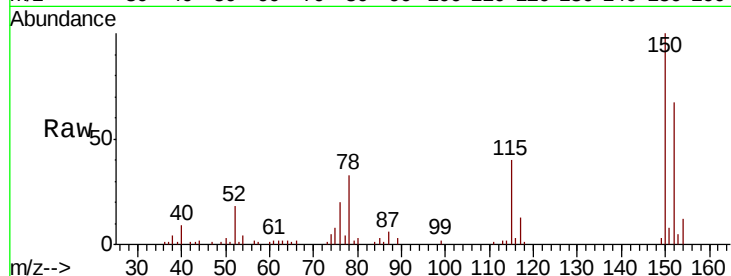


#1

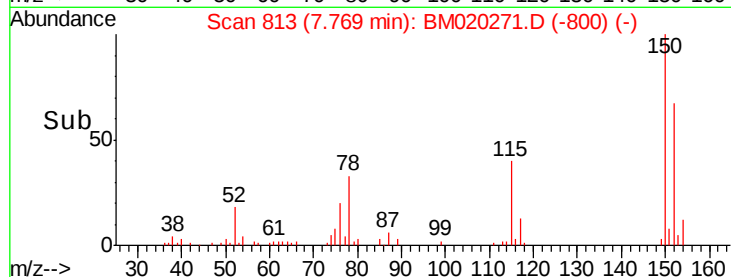
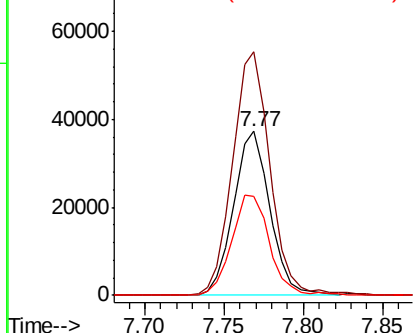
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 813
Delta R.T. -0.02 min
Lab File: BM020271.D
Acq: 11 May 2019 14:18

Instrument :
BNA_M
ClientSampleId :
PB119644BL

Tot Ion:152 Resp: 59228
Ion Ratio Lower Upper
152 100
150 148.4 119.8 179.8
115 60.1 50.8 76.2



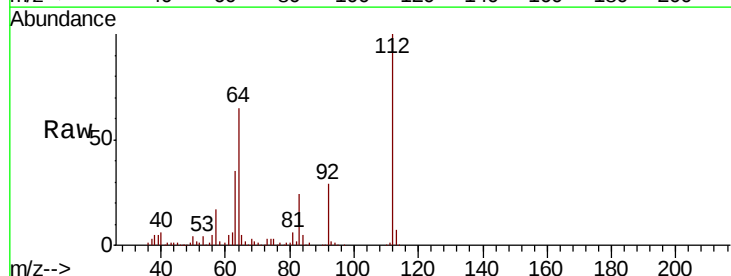
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



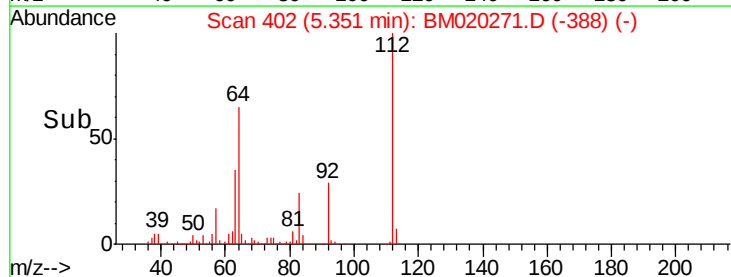
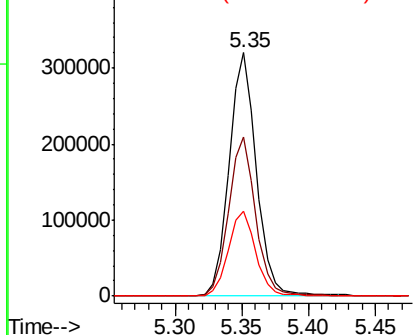
#5

2-Fluorophenol
Concen: 126.482 ng
RT: 5.35 min Scan# 402
Delta R.T. -0.02 min
Lab File: BM020271.D
Acq: 11 May 2019 14:18

Tgt Ion:112 Resp: 458295
Ion Ratio Lower Upper
112 100
64 65.4 53.8 80.6
63 35.0 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: 120.256 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.02 min

Lab File: BM020271.D

Acq: 11 May 2019 14:18

Instrument :

BNA_M

ClientSampleId :

PB119644BL

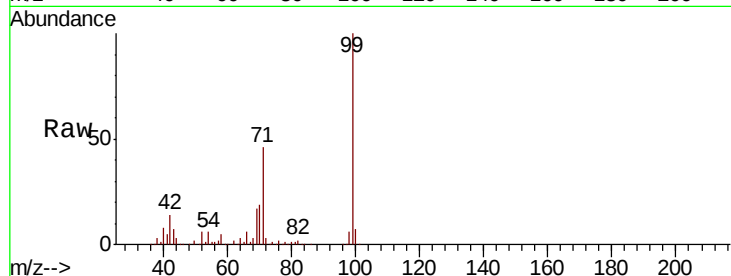
Tot Ion: 99 Resp: 595280

Ion Ratio Lower Upper

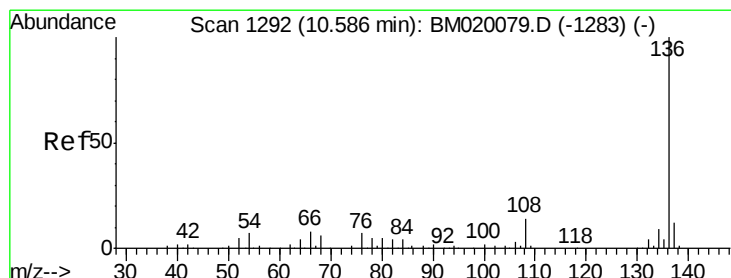
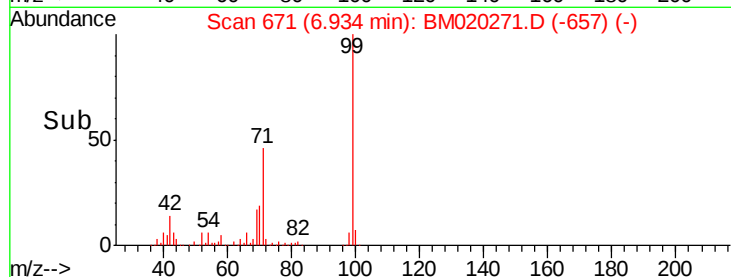
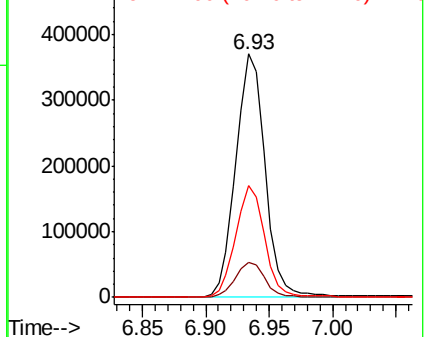
99 100

42 14.4 14.2 21.2

71 45.8 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: 10.56 min Scan# 1288

Delta R.T. -0.02 min

Lab File: BM020271.D

Acq: 11 May 2019 14:18

Tgt Ion: 136 Resp: 197820

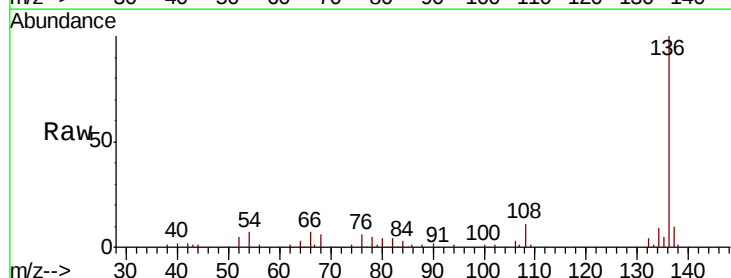
Ion Ratio Lower Upper

136 100

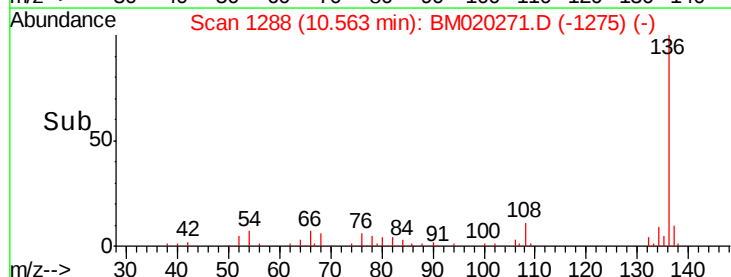
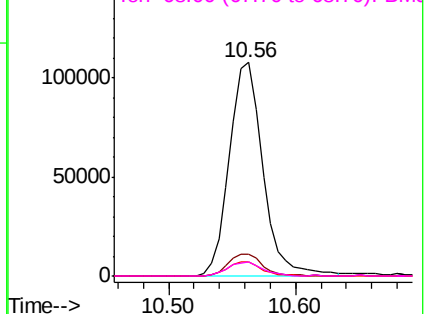
137 10.4 9.6 14.4

54 6.7 5.5 8.3

68 6.4 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

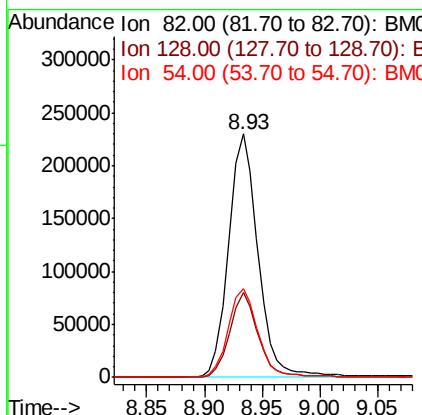
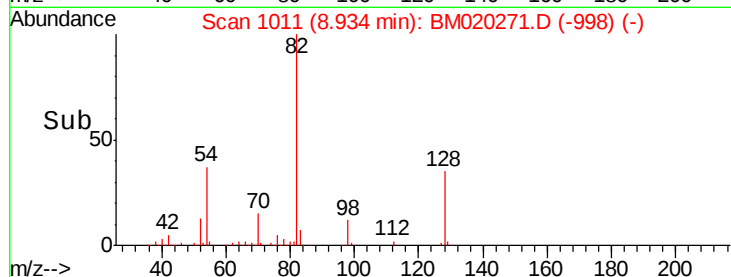
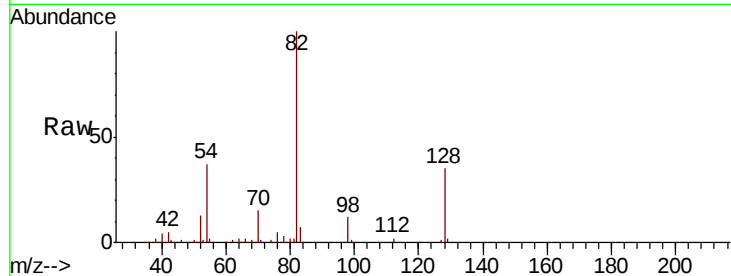




#23
Nitrobenzene-d5
Concen: 81.191 ng
RT: 8.93 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BM020271.D
Acq: 11 May 2019 14:18

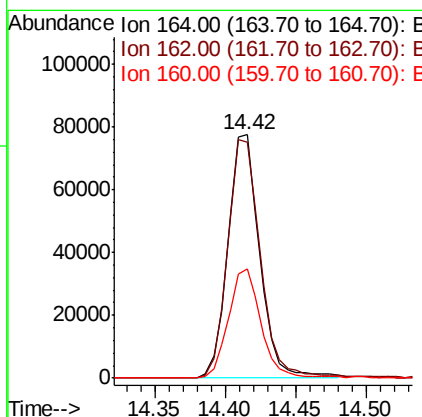
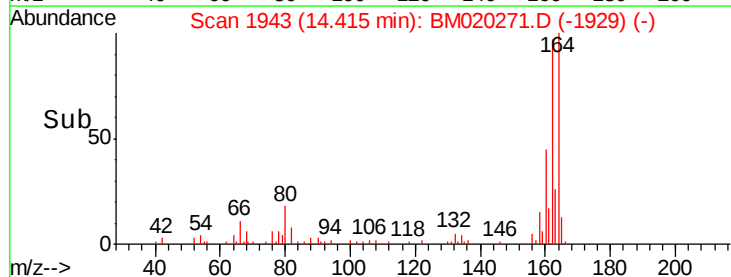
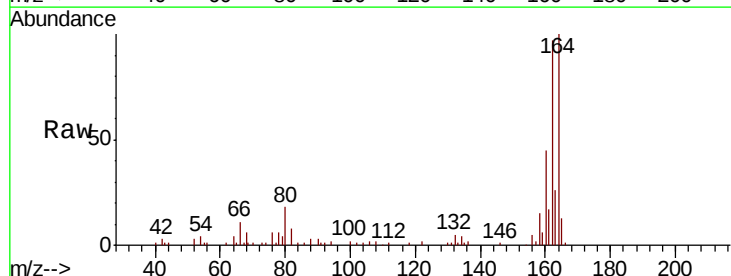
Instrument :
BNA_M
ClientSampleId :
PB119644BL

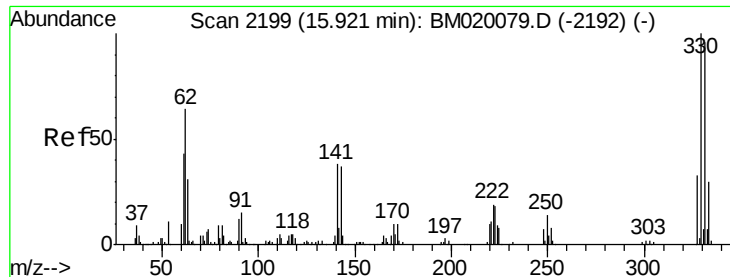
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.7	25.2	37.8
54	36.6	31.9	47.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.42 min Scan# 1943
Delta R.T. -0.02 min
Lab File: BM020271.D
Acq: 11 May 2019 14:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.1	82.2	123.2
160	44.7	37.6	56.4

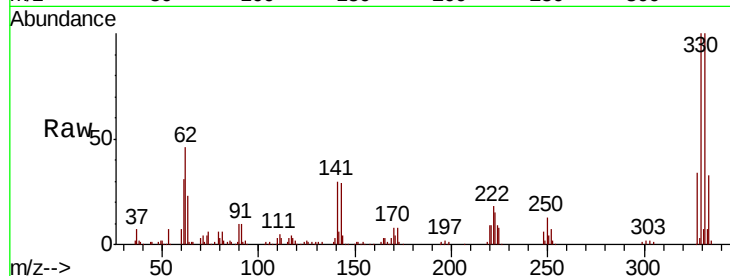




#42
 2,4,6-Tribromophenol
 Concen: 137.088 ng
 RT: 15.91 min Scan# 2197
 Delta R.T. -0.01 min
 Lab File: BM020271.D
 Acq: 11 May 2019 14:18

Instrument :
 BNA_M
 ClientSampleId :
 PB119644BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.8	115.2
141	32.8	29.2	43.8

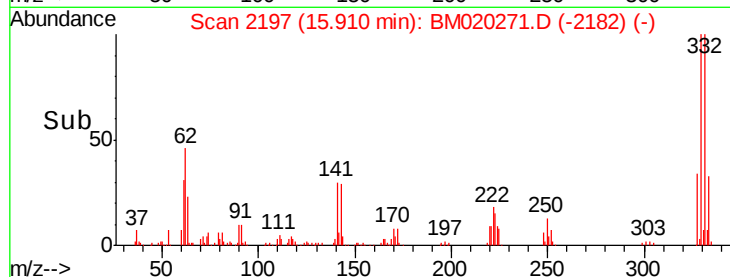
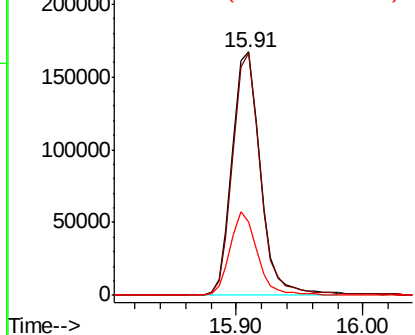


Abundance

Ion 329.80 (329.50 to 330.50): E

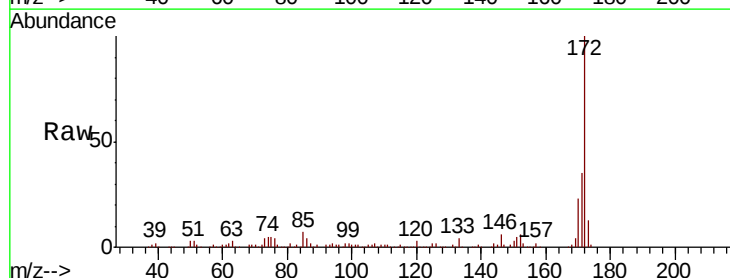
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 81.842 ng
 RT: 13.03 min Scan# 1707
 Delta R.T. -0.03 min
 Lab File: BM020271.D
 Acq: 11 May 2019 14:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.3	40.9
170	22.6	17.9	26.9

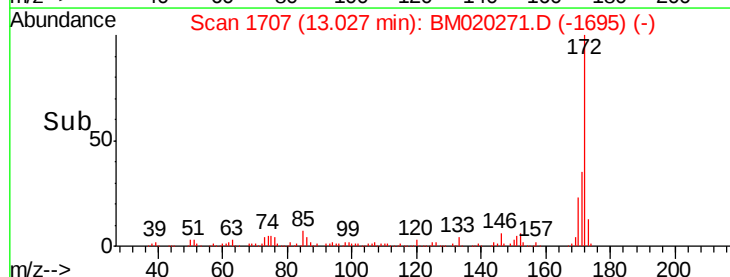
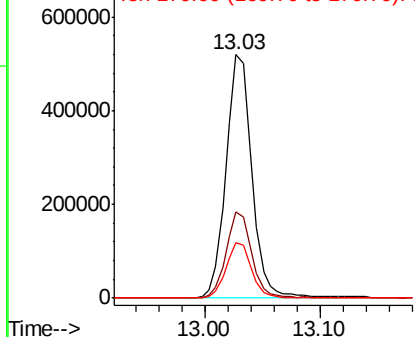


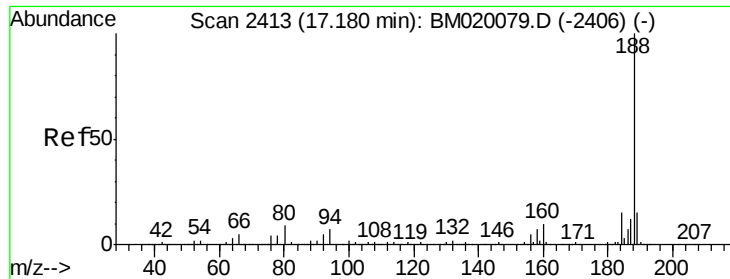
Abundance

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

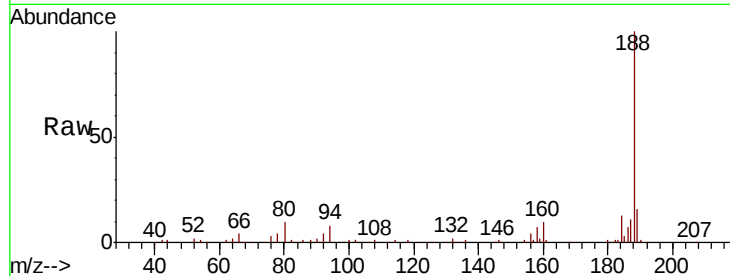




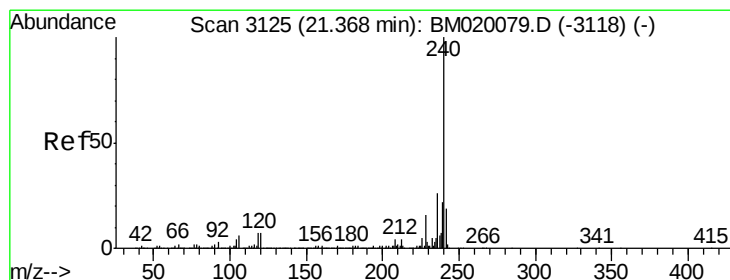
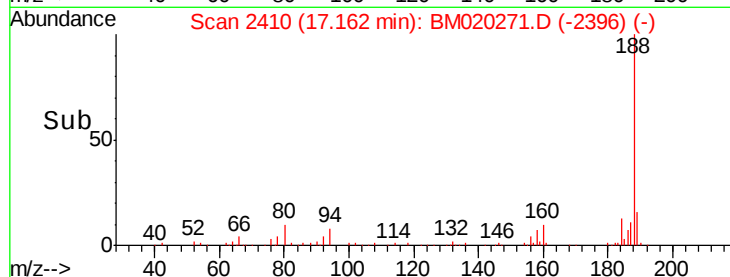
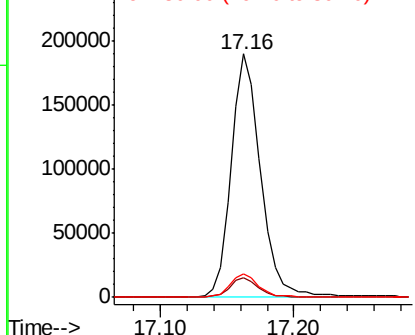
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2410
Delta R.T. -0.02 min
Lab File: BM020271.D
Acq: 11 May 2019 14:18

Instrument :
BNA_M
ClientSampleId :
PB119644BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.9	5.8	8.6
80	9.5	7.4	11.2

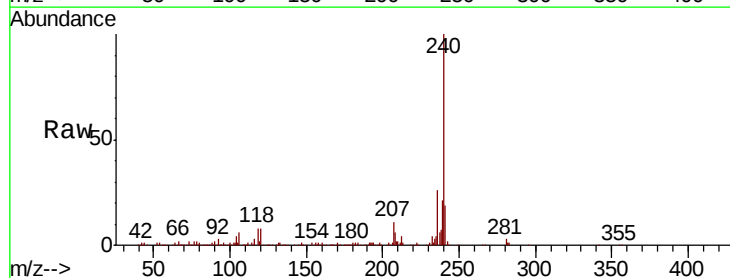


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

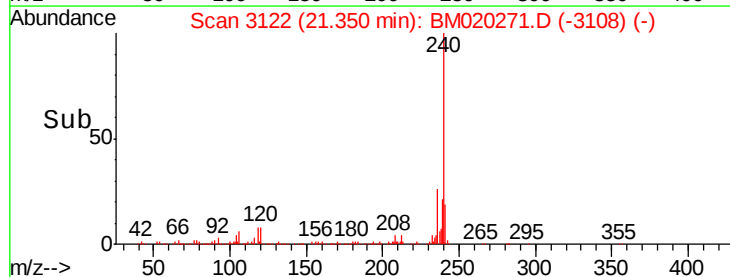
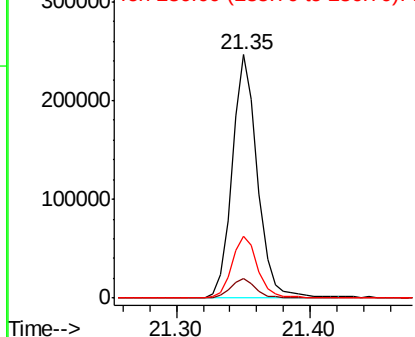


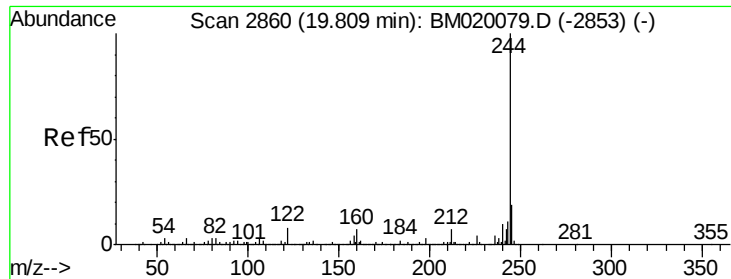
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3122
Delta R.T. -0.02 min
Lab File: BM020271.D
Acq: 11 May 2019 14:18

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.9	5.6	8.4
236	25.6	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: 82.320 ng

RT: 19.79 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BM020271.D

Acq: 11 May 2019 14:18

Instrument :

BNA_M

ClientSampleId :

PB119644BL

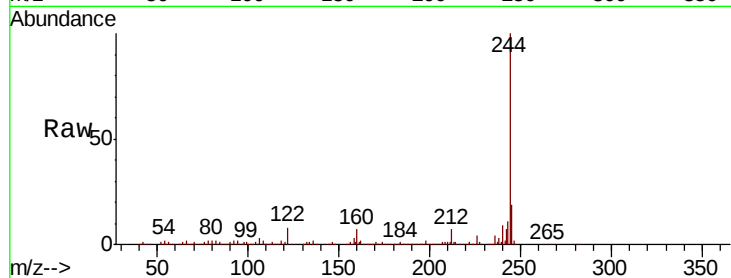
Tot Ion:244 Resp: 1535669

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

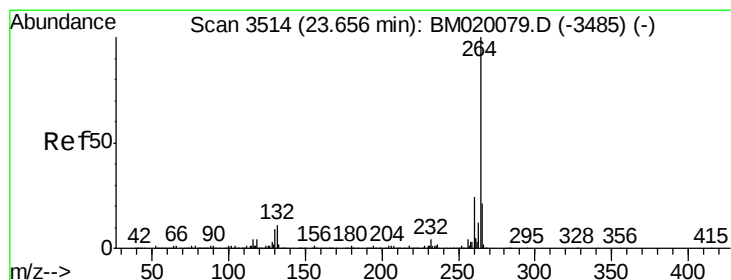
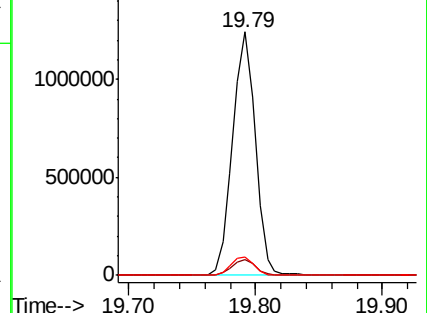
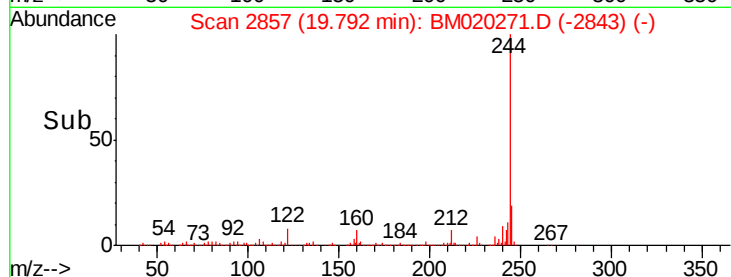
122 7.5 6.2 9.2



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# 3511

Delta R.T. -0.02 min

Lab File: BM020271.D

Acq: 11 May 2019 14:18

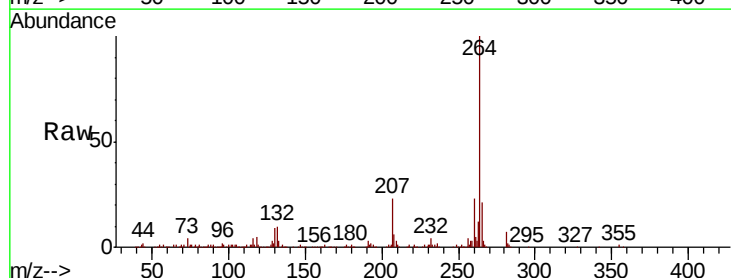
Tgt Ion:264 Resp: 387257

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 21.4 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

