

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051119\
 Data File : BM020289.D
 Acq On : 12 May 2019 02:21
 Operator : JU/SJ
 Sample : K2751-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-3

Quant Time: May 12 04:37:11 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

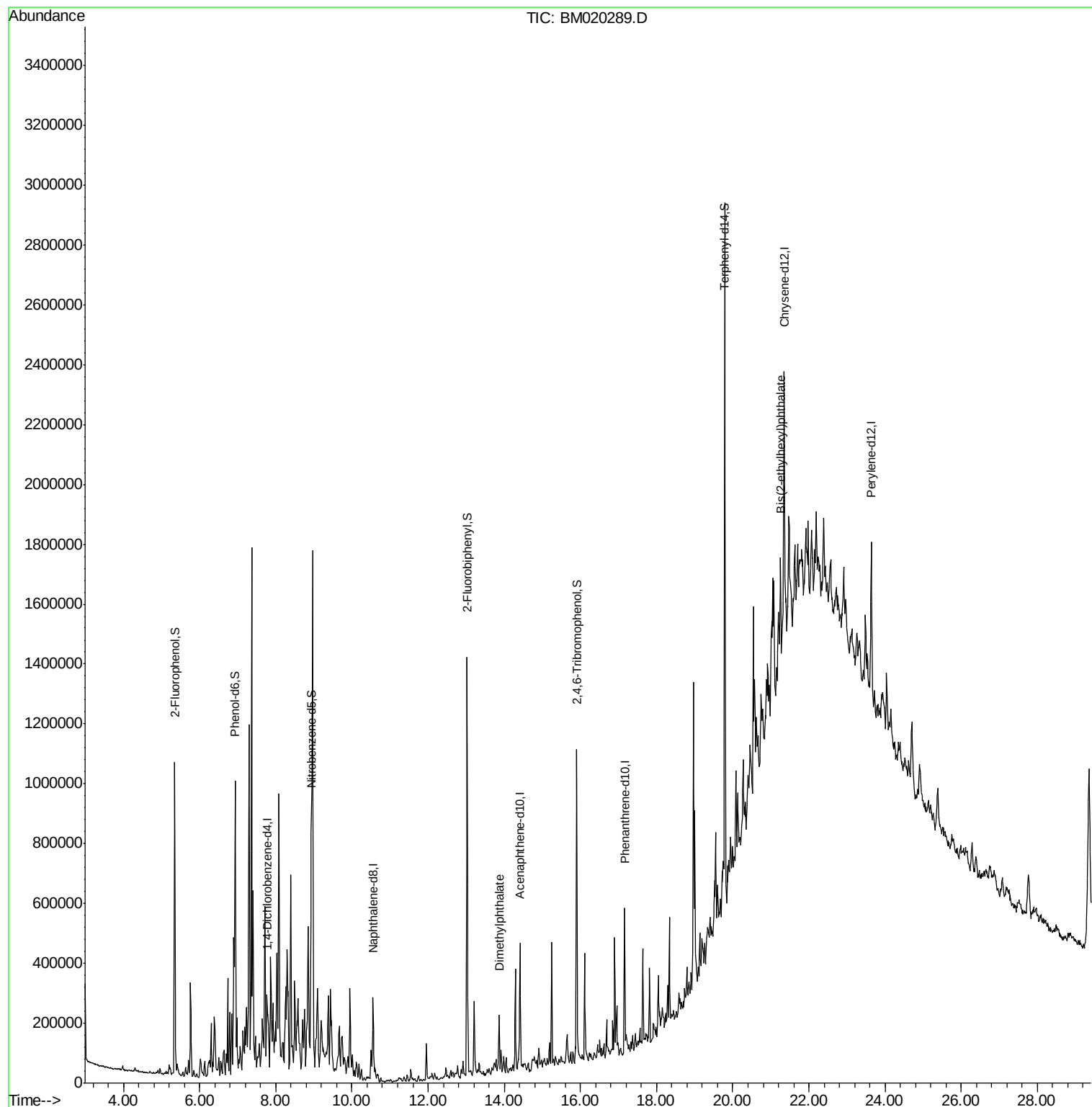
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	60503	20.00	ng	-0.03
21) Naphthalene-d8	10.56	136	220655	20.00	ng	-0.03
39) Acenaphthene-d10	14.41	164	130484	20.00	ng	-0.02
64) Phenanthrene-d10	17.16	188	284674	20.00	ng	-0.02
76) Chrysene-d12	21.35	240	314191	20.00	ng	-0.02
87) Perylene-d12	23.64	264	395263	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	402916	108.85	ng	-0.02
7) Phenol-d6	6.93	99	538223	106.44	ng	-0.02
23) Nitrobenzene-d5	8.93	82	353344	63.22	ng	-0.02
42) 2,4,6-Tribromophenol	15.90	330	197883	97.70	ng	-0.02
45) 2-Fluorobiphenyl	13.03	172	721469	68.03	ng	-0.03
79) Terphenyl-d14	19.79	244	1117338	62.03	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.87	163	62546	5.640	ng	99
84) Bis(2-ethylhexyl)phthalate	21.25	149	72481	6.089	ng	96

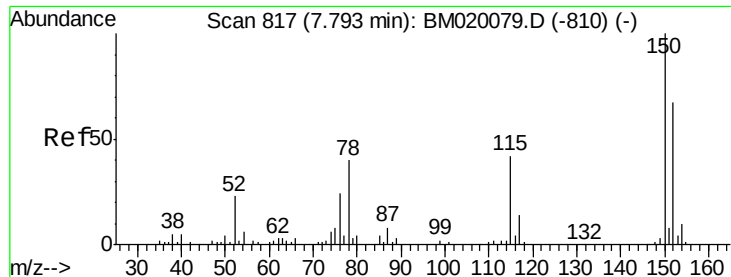
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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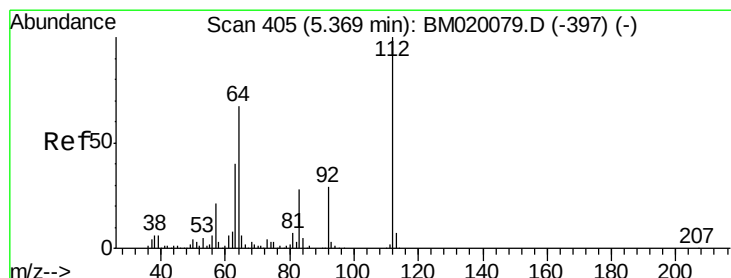
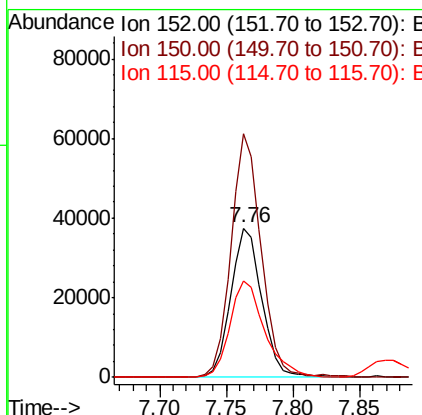
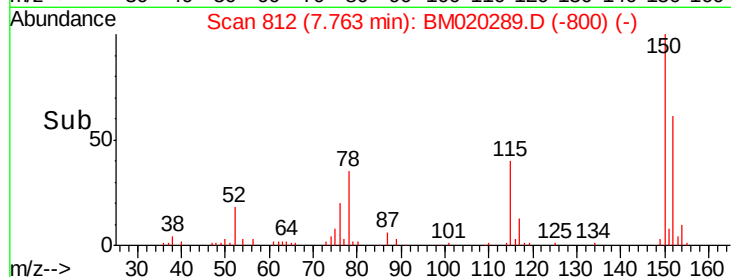
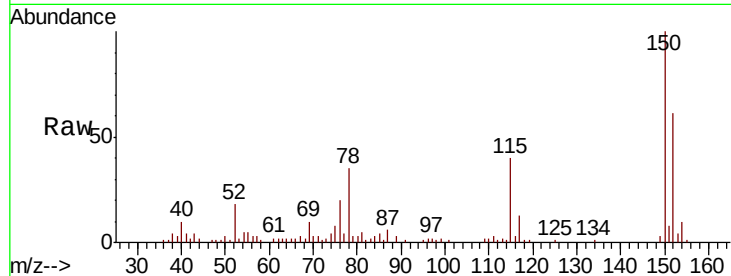


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 812
Delta R.T. -0.03 min
Lab File: BM020289.D
Acq: 12 May 2019 02:21

Instrument :
BNA_M
ClientSampled :
COMP-3

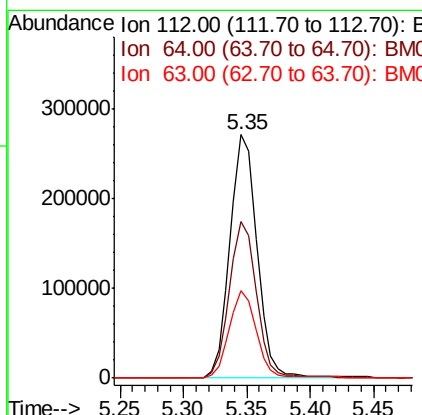
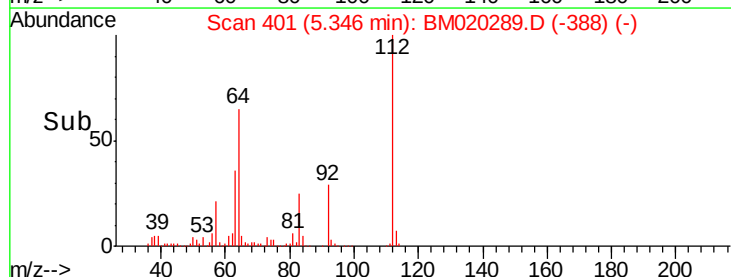
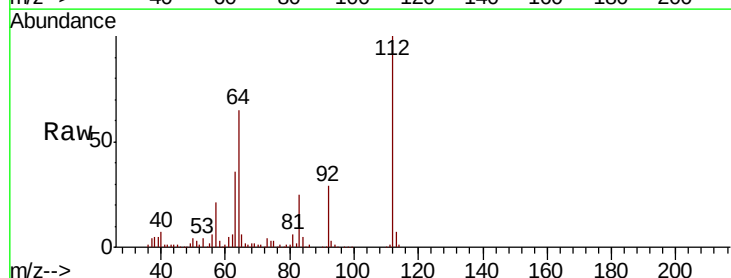
Tot Ion:152 Resp: 60503
Ion Ratio Lower Upper
152 100
150 163.5 119.8 179.8
115 64.6 50.8 76.2

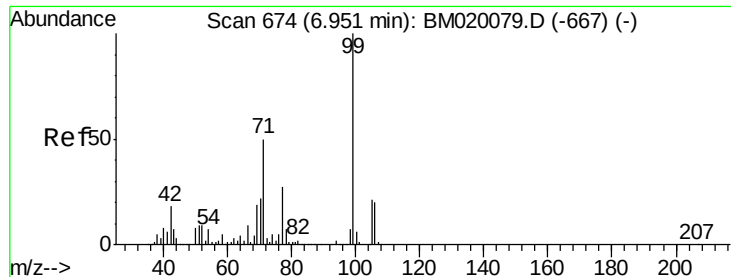


#5

2-Fluorophenol
Concen: 108.855 ng
RT: 5.35 min Scan# 401
Delta R.T. -0.02 min
Lab File: BM020289.D
Acq: 12 May 2019 02:21

Tgt Ion:112 Resp: 402916
Ion Ratio Lower Upper
112 100
64 64.5 53.8 80.6
63 35.9 32.3 48.5





#7

Phenol-d6

Concen: 106.439 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.02 min

Lab File: BM020289.D

Acq: 12 May 2019 02:21

Instrument :

BNA_M

ClientSampled :

COMP-3

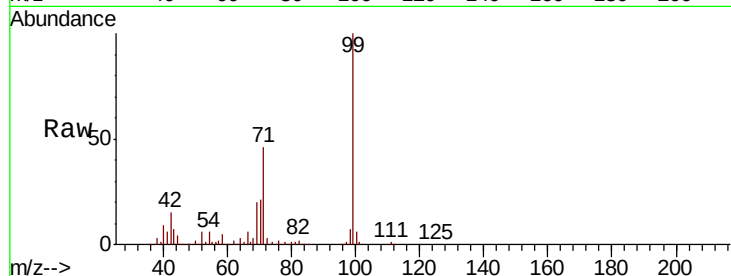
Tot Ion: 99 Resp: 538223

Ion Ratio Lower Upper

99 100

42 14.7 14.2 21.2

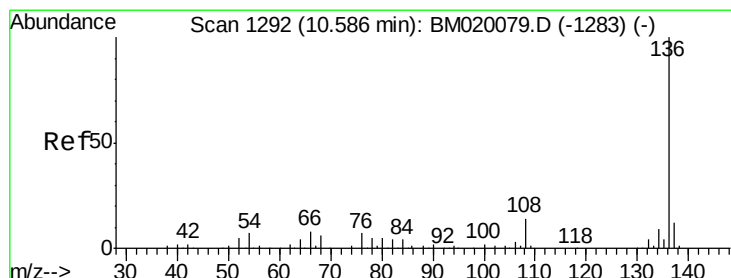
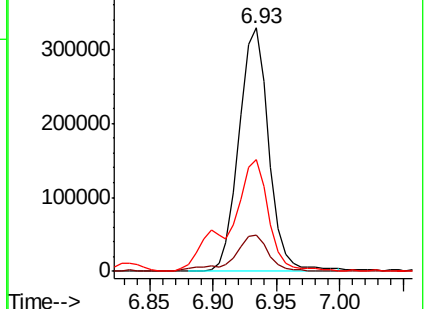
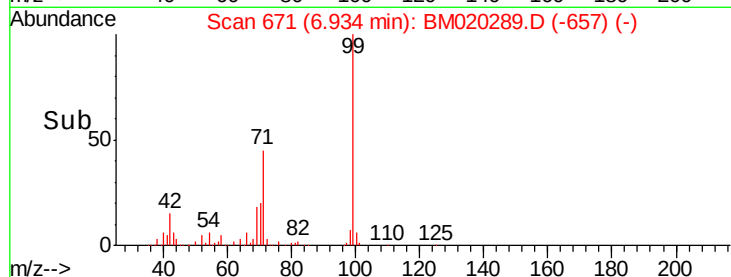
71 45.7 40.3 60.5



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) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.56 min Scan# 1287

Delta R.T. -0.03 min

Lab File: BM020289.D

Acq: 12 May 2019 02:21

Tgt Ion: 136 Resp: 220655

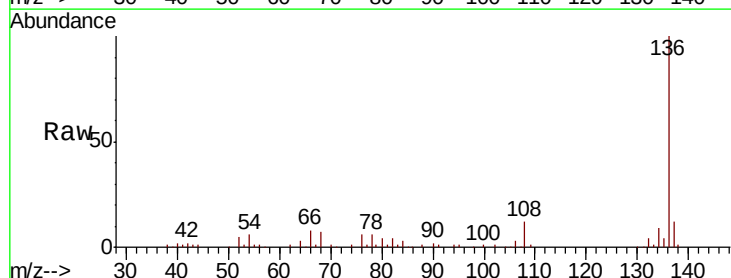
Ion Ratio Lower Upper

136 100

137 11.5 9.6 14.4

54 5.7 5.5 8.3

68 6.7 4.6 6.8

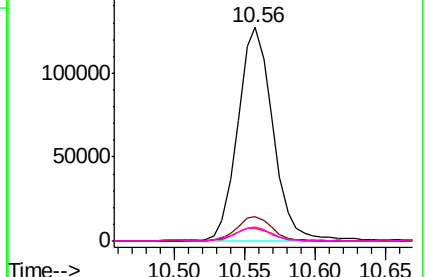
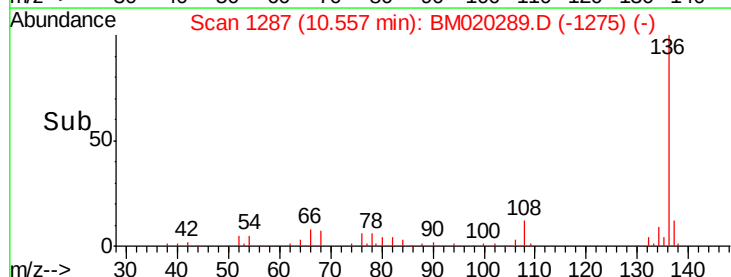


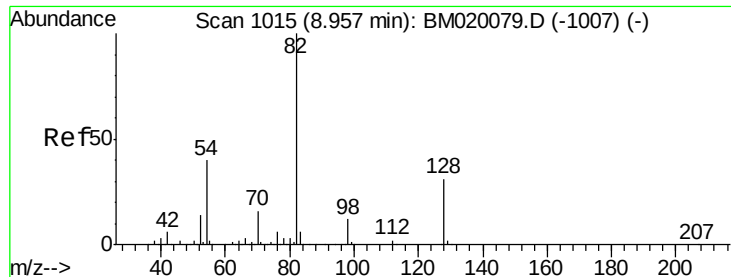
Abundance Ion 136.00 (135.70 to 136.70): BM020079.D (-1283) (-)

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) (-)

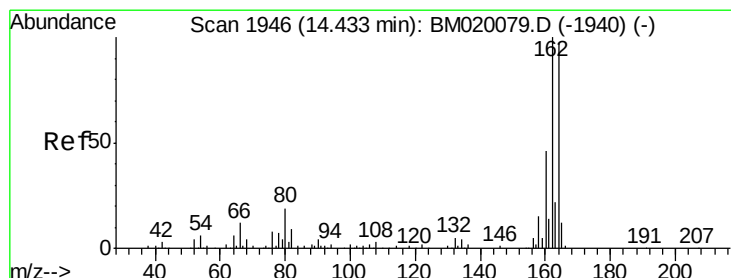
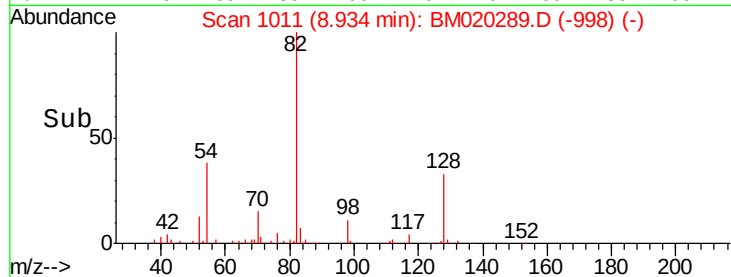
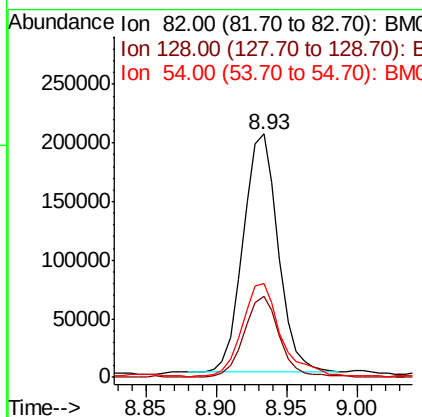
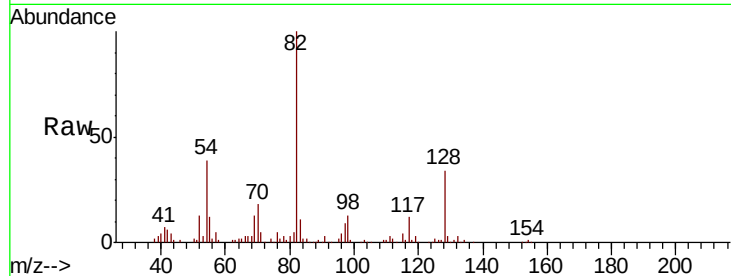




#23
Nitrobenzene-d5
Concen: 63.221 ng
RT: 8.93 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BM020289.D
Acq: 12 May 2019 02:21

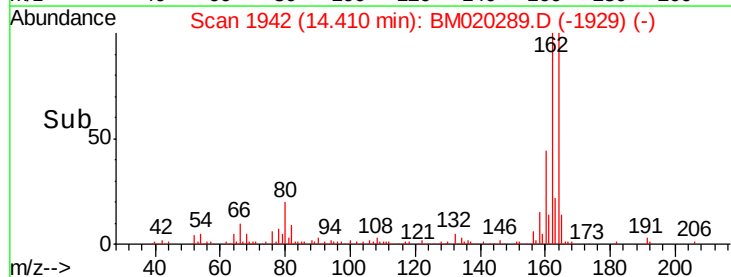
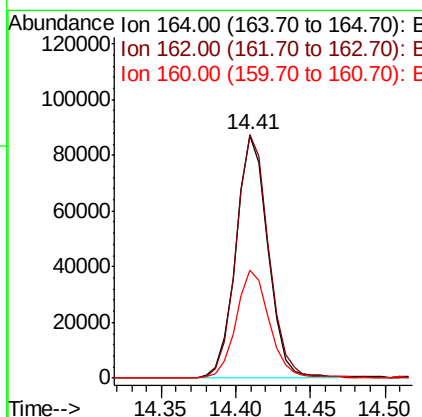
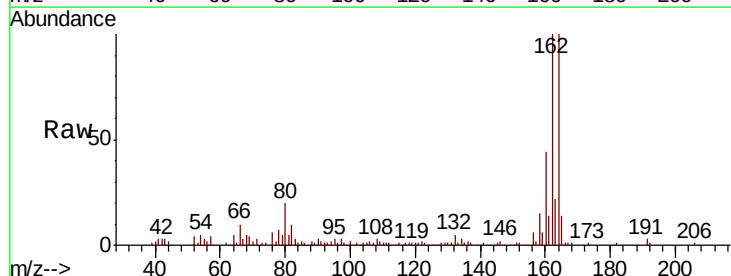
Instrument :
BNA_M
ClientSampled :
COMP-3

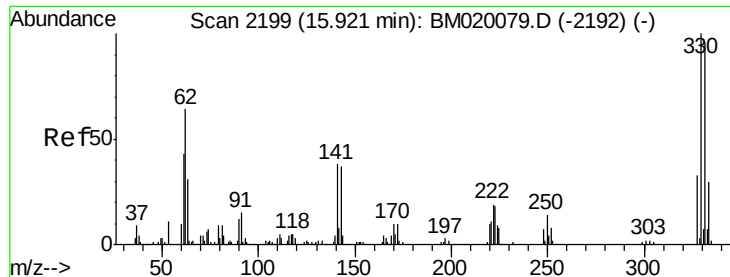
Tot Ion: 82 Resp: 353344
Ion Ratio Lower Upper
82 100
128 33.5 25.2 37.8
54 38.6 31.9 47.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BM020289.D
Acq: 12 May 2019 02:21

Tgt Ion: 164 Resp: 130484
Ion Ratio Lower Upper
164 100
162 100.3 82.2 123.2
160 44.4 37.6 56.4

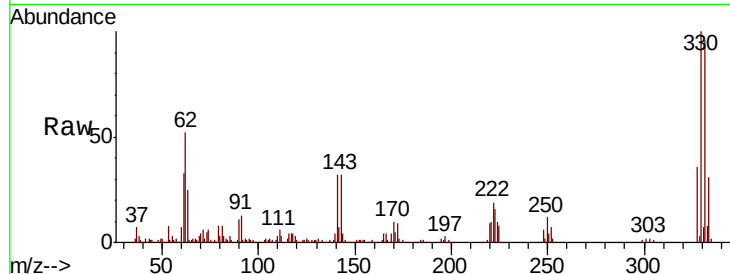




#42
 2,4,6-Tribromophenol
 Concen: 97.703 ng
 RT: 15.90 min Scan# 2196
 Delta R.T. -0.02 min
 Lab File: BM020289.D
 Acq: 12 May 2019 02:21

Instrument :
 BNA_M
 ClientSampleId :
 COMP-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.8	115.2
141	33.2	29.2	43.8

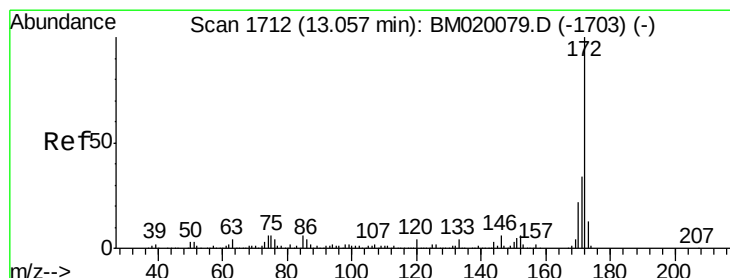
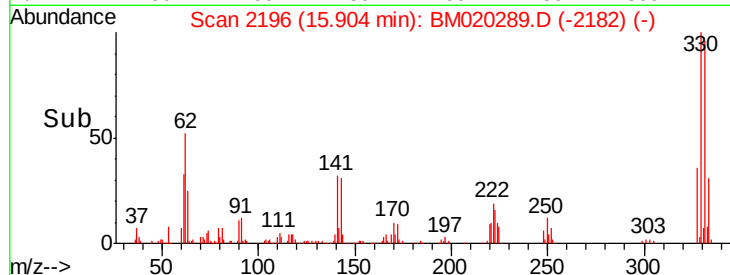
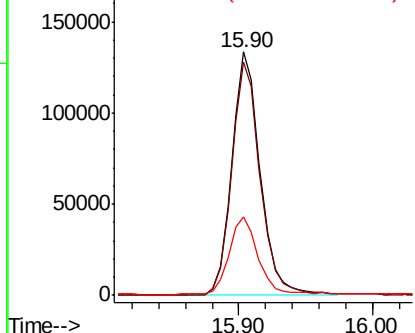


Abundance

Ion 329.80 (329.50 to 330.50): E

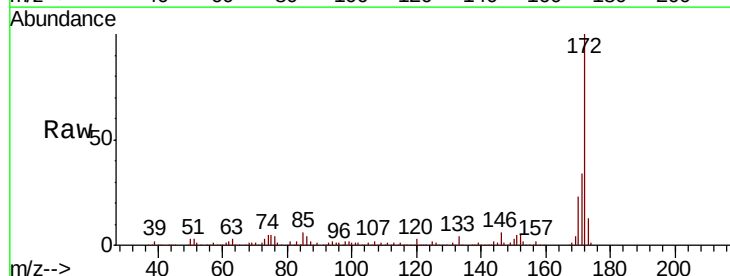
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 68.029 ng
 RT: 13.03 min Scan# 1707
 Delta R.T. -0.03 min
 Lab File: BM020289.D
 Acq: 12 May 2019 02:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.3	40.9
170	22.7	17.9	26.9

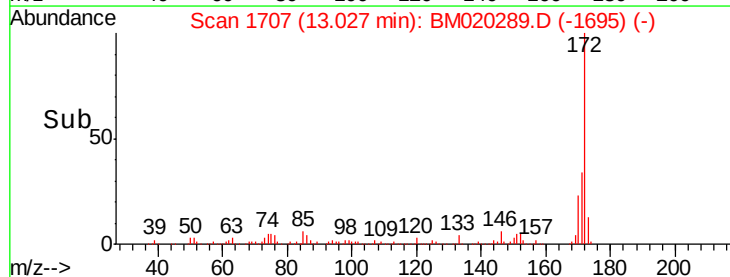
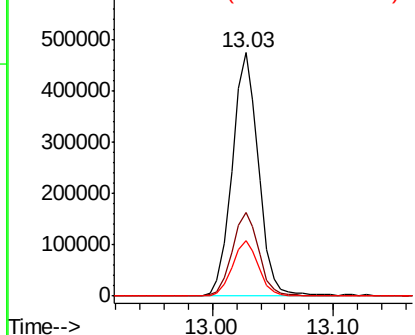


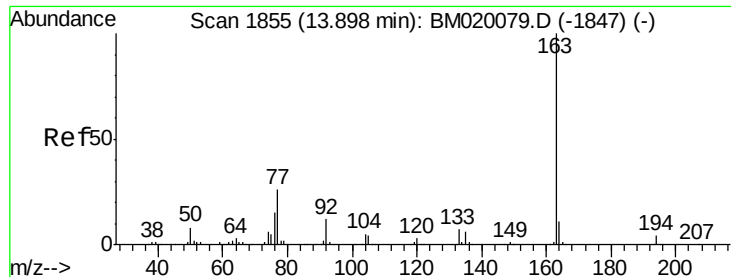
Abundance

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





#50

Dimethylphthalate

Concen: 5.640 ng

RT: 13.87 min Scan# 1850

Delta R.T. -0.03 min

Lab File: BM020289.D

Acq: 12 May 2019 02:21

Instrument :

BNA_M

ClientSampleId :

COMP-3

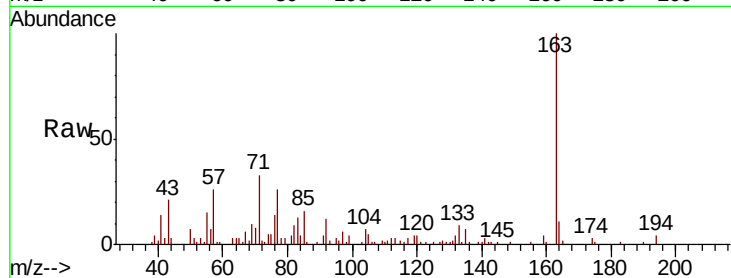
Tot Ion:163 Resp: 62546

Ion Ratio Lower Upper

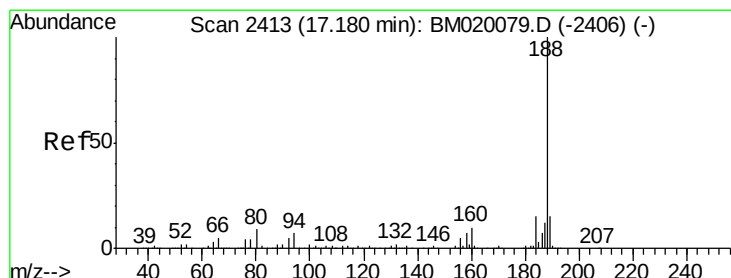
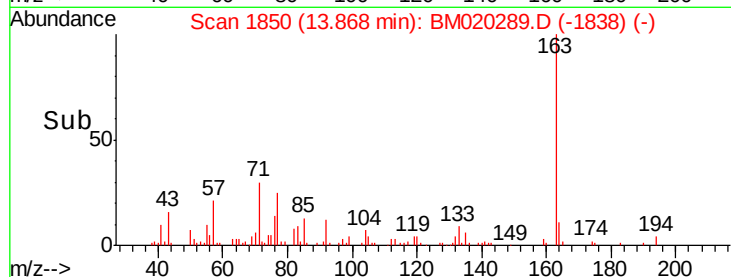
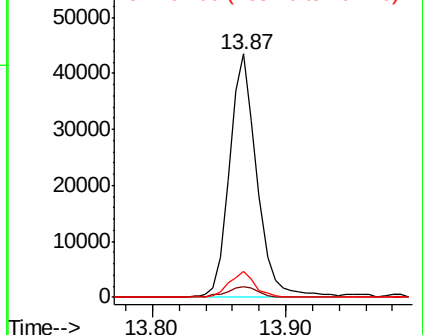
163 100

194 4.4 3.6 5.4

164 10.9 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.16 min Scan# 2410

Delta R.T. -0.02 min

Lab File: BM020289.D

Acq: 12 May 2019 02:21

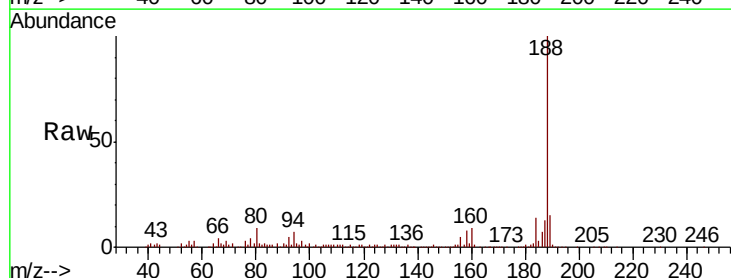
Tgt Ion:188 Resp: 284674

Ion Ratio Lower Upper

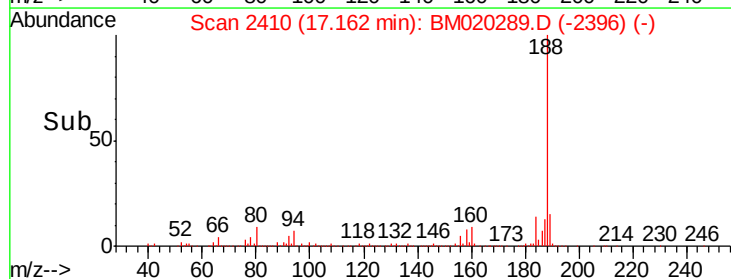
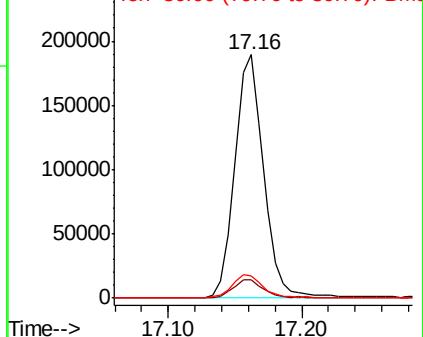
188 100

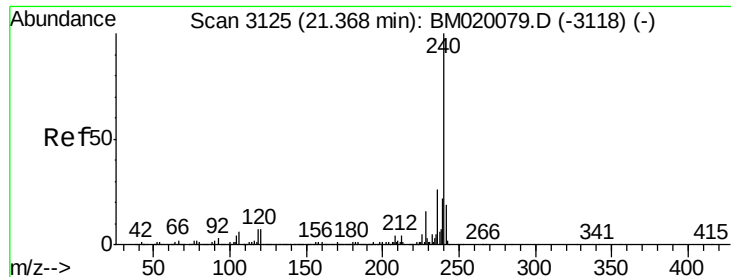
94 7.3 5.8 8.6

80 9.1 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

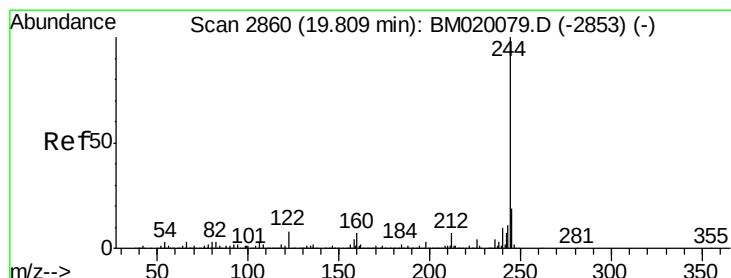
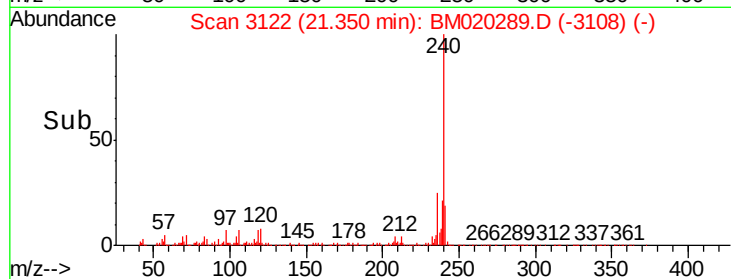
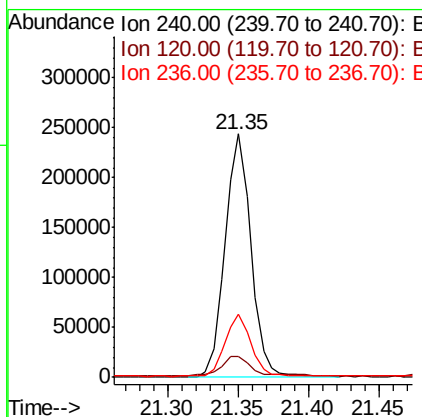
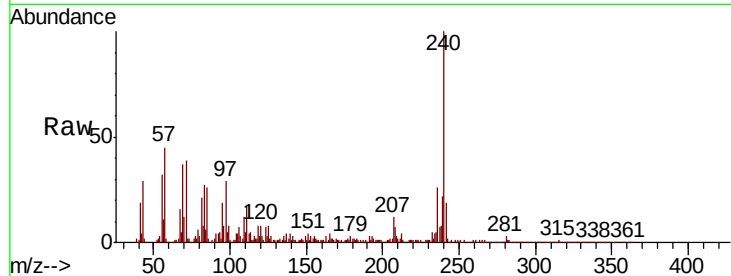




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3122
Delta R.T. -0.02 min
Lab File: BM020289.D
Acq: 12 May 2019 02:21

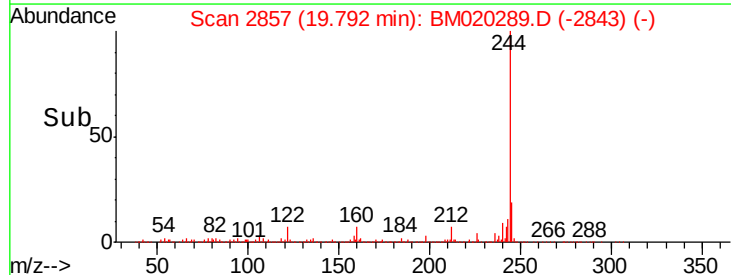
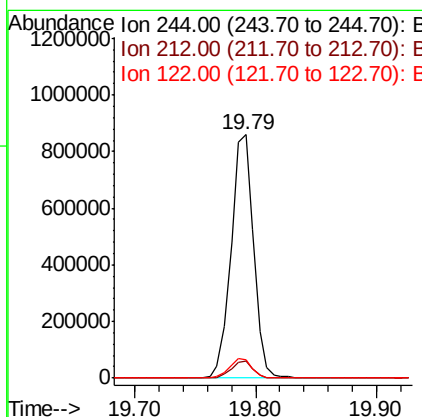
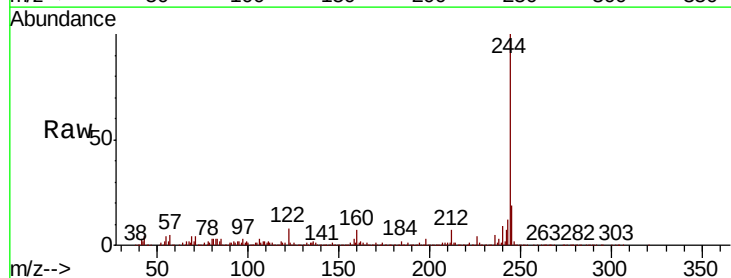
Instrument :
BNA_M
ClientSampleId :
COMP-3

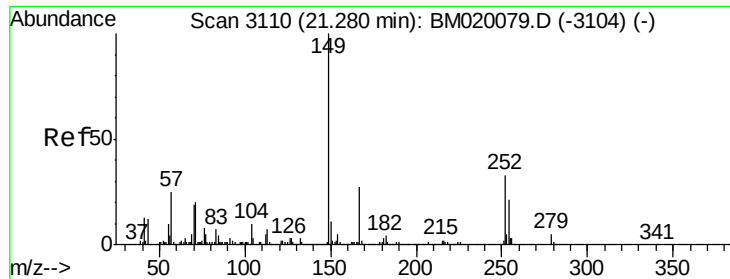
Tot Ion:240 Resp: 314191
Ion Ratio Lower Upper
240 100
120 8.4 5.6 8.4
236 25.7 20.9 31.3



#79
Terphenyl-d14
Concen: 62.029 ng
RT: 19.79 min Scan# 2857
Delta R.T. -0.02 min
Lab File: BM020289.D
Acq: 12 May 2019 02:21

Tgt Ion:244 Resp: 1117338
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 7.5 6.2 9.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 6.089 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.03 min

Lab File: BM020289.D

Acq: 12 May 2019 02:21

Instrument :

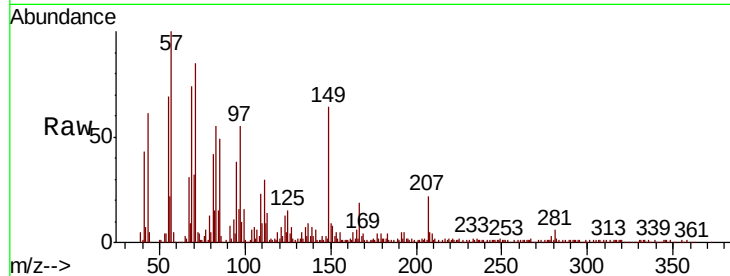
BNA_M

ClientSampleId :

COMP-3

Tot Ion:149 Resp: 72481

Ion	Ratio	Lower	Upper
149	100		
167	29.6	21.8	32.8
279	5.3	4.2	6.2

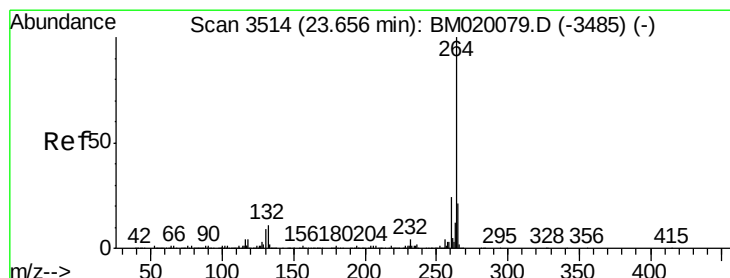
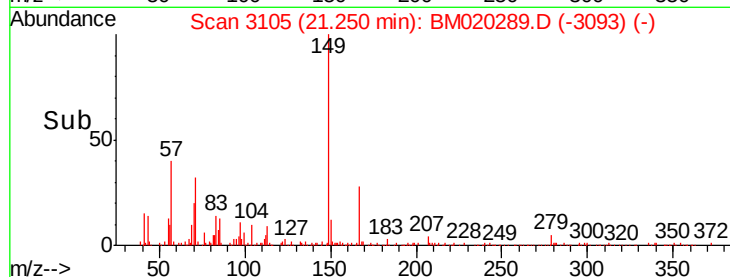
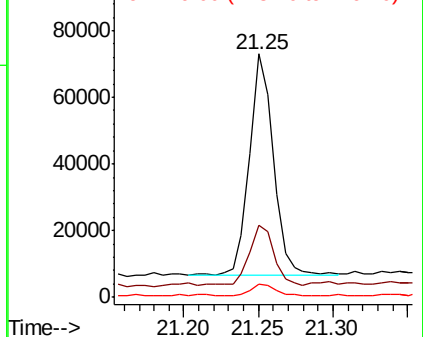


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.64 min Scan# 3511

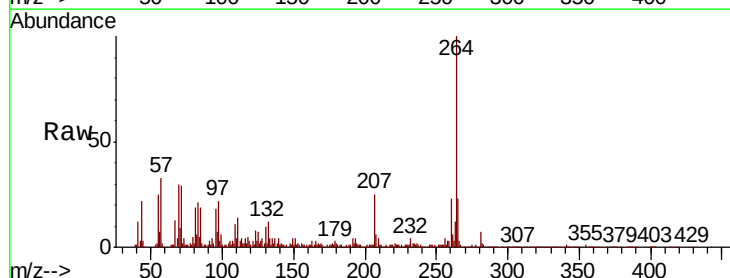
Delta R.T. -0.02 min

Lab File: BM020289.D

Acq: 12 May 2019 02:21

Tgt Ion:264 Resp: 395263

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	22.7	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

