

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090119\
 Data File : BM022485.D
 Acq On : 01 Sep 2019 20:02
 Operator : HP/JU
 Sample : K4555-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 02 03:48:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 02 03:43:48 2019
 Response via : Initial Calibration

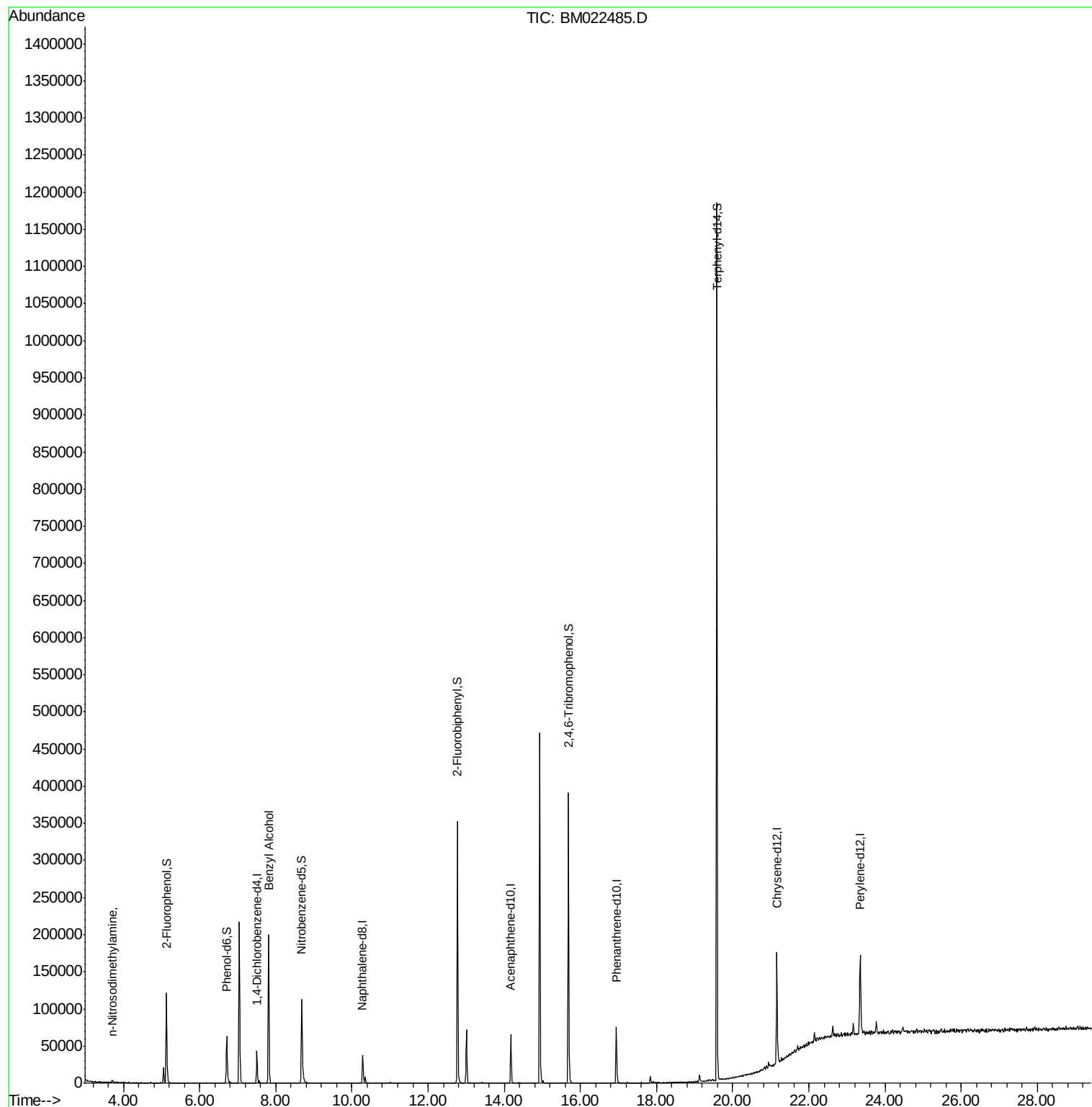
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	9273	20.00	ng	-0.02
21) Naphthalene-d8	10.28	136	34141	20.00	ng	-0.02
39) Acenaphthene-d10	14.17	164	22913	20.00	ng	-0.02
64) Phenanthrene-d10	16.94	188	53336	20.00	ng	0.00
76) Chrysene-d12	21.16	240	76005	20.00	ng	-0.01
87) Perylene-d12	23.34	264	92617	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	44362	83.97	ng	-0.02
7) Phenol-d6	6.71	99	35306	49.98	ng	-0.01
23) Nitrobenzene-d5	8.68	82	74158	95.14	ng	-0.02
42) 2,4,6-Tribromophenol	15.69	330	60606	129.26	ng	-0.01
45) 2-Fluorobiphenyl	12.77	172	167445	82.79	ng	-0.02
79) Terphenyl-d14	19.59	244	494239	85.82	ng	-0.02
Target Compounds						
4) n-Nitrosodimethylamine	3.70	42	1231	3.045	ng	# 14
15) Benzyl Alcohol	7.82	79	1649	2.460	ng	# 39

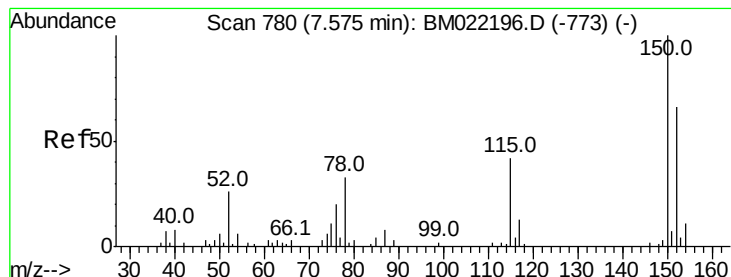
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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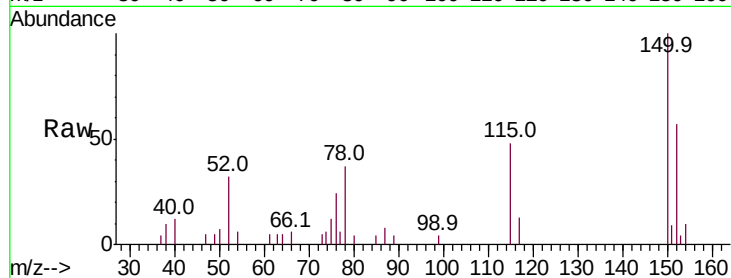


#1

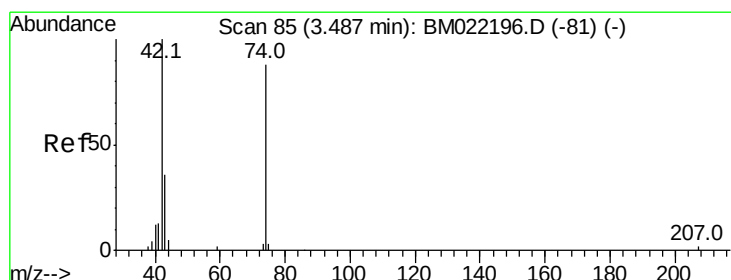
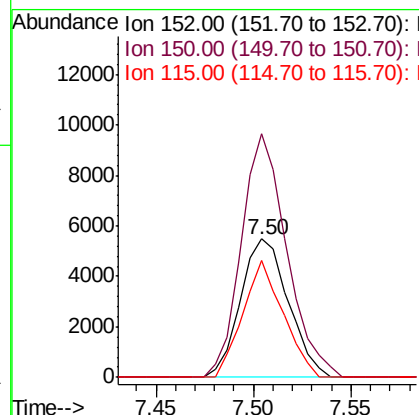
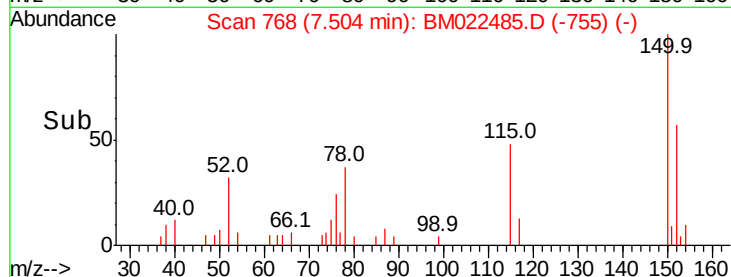
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.02 min
Lab File: BM022485.D
Acq: 01 Sep 2019 20:02

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 9273
Ion Ratio Lower Upper
152 100
150 176.2 125.4 188.0
115 84.5 50.3 75.5#



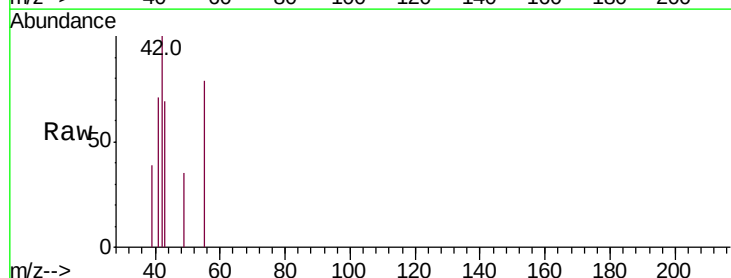
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



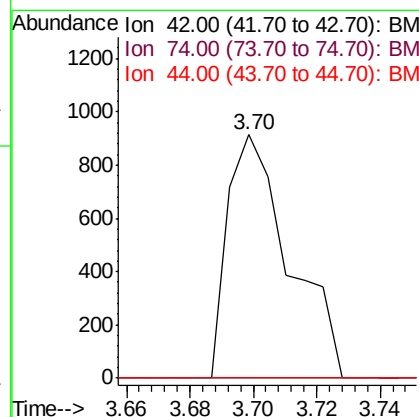
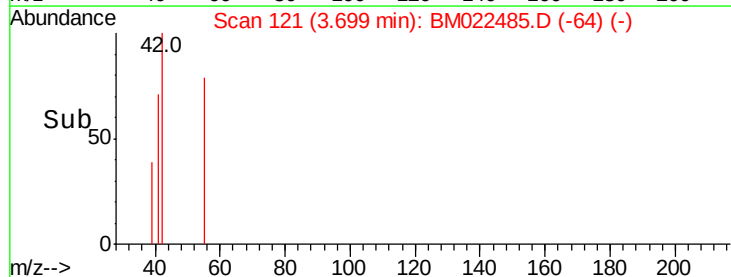
#4

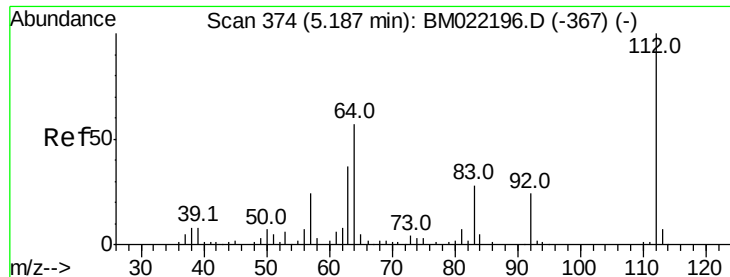
n-Nitrosodimethylamine
Concen: 3.045 ng
RT: 3.70 min Scan# 121
Delta R.T. 0.23 min
Lab File: BM022485.D
Acq: 01 Sep 2019 20:02

Tgt Ion: 42 Resp: 1231
Ion Ratio Lower Upper
42 100
74 0.0 63.0 94.6#
44 0.0 3.0 4.6#



Abundance Ion 42.00 (41.70 to 42.70): BM0
Ion 74.00 (73.70 to 74.70): BM0
Ion 44.00 (43.70 to 44.70): BM0





#5

2-Fluorophenol

Concen: 83.975 ng

RT: 5.13 min Scan# 364

Delta R.T. -0.02 min

Lab File: BM022485.D

Acq: 01 Sep 2019 20:02

Instrument :

BNA_M

ClientSampled :

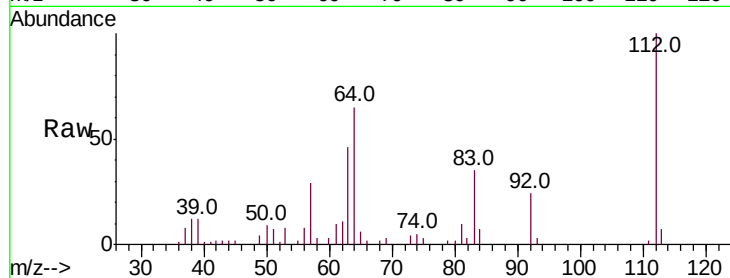
Tot Ion: 112 Resp: 44362

Ion Ratio Lower Upper

112 100

64 64.7 45.4 68.2

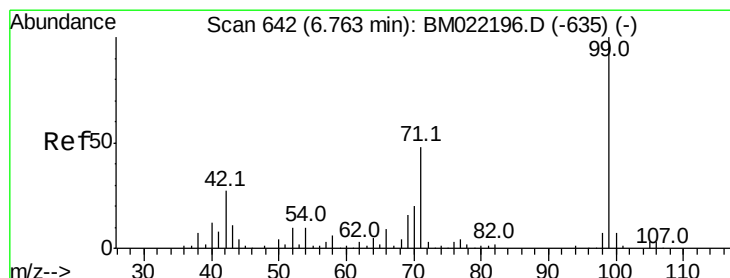
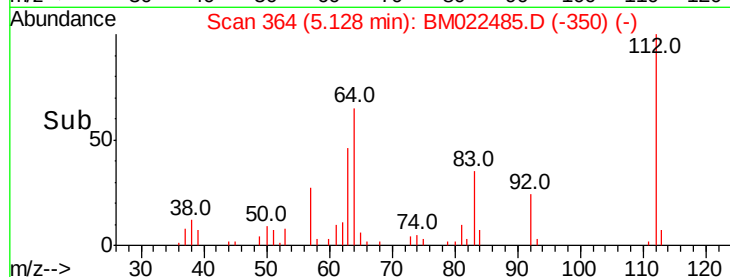
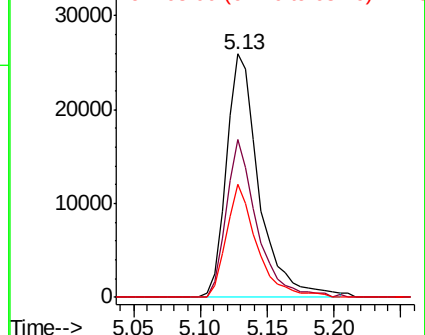
63 46.3 34.5 51.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#7

Phenol-d6

Concen: 49.977 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.01 min

Lab File: BM022485.D

Acq: 01 Sep 2019 20:02

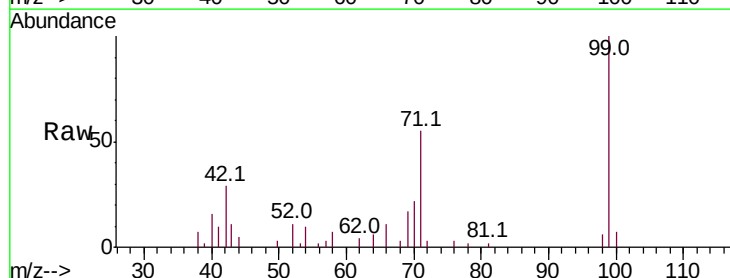
Tgt Ion: 99 Resp: 35306

Ion Ratio Lower Upper

99 100

42 29.3 26.3 39.5

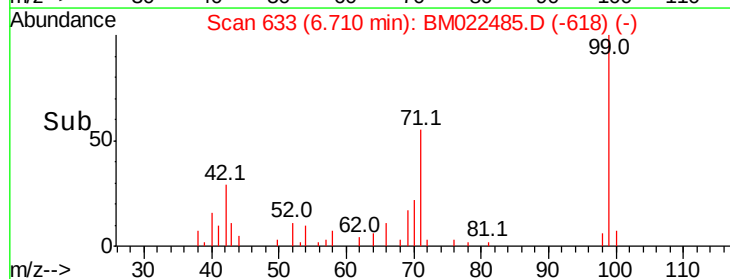
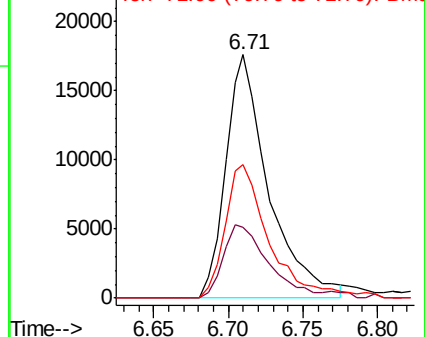
71 54.6 46.6 69.8

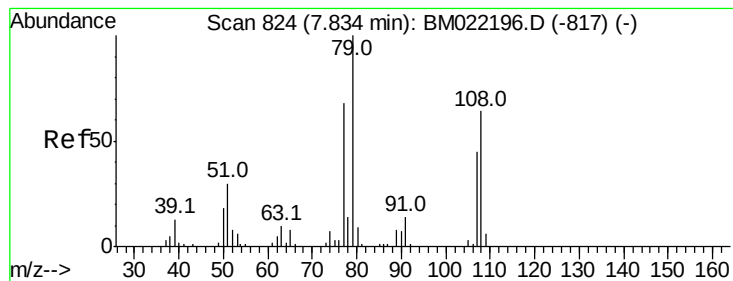


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#15

Benzyl Alcohol

Concen: 2.460 ng

RT: 7.82 min Scan# 821

Delta R.T. 0.02 min

Lab File: BM022485.D

Acq: 01 Sep 2019 20:02

Instrument :

BNA_M

ClientSampled :

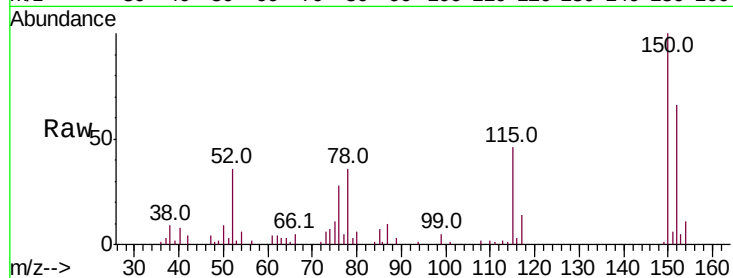
Tot Ion: 79 Resp: 1649

Ion Ratio Lower Upper

79 100

108 76.0 48.2 72.4#

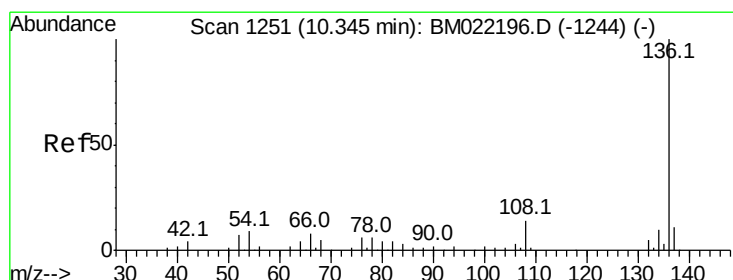
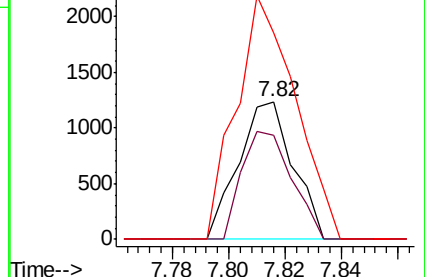
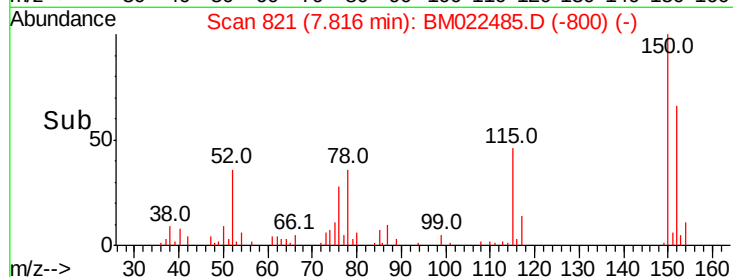
77 150.2 56.6 85.0#



Abundance Ion 79.00 (78.70 to 79.70): BM022196.D (-817) (-)

Ion 108.00 (107.70 to 108.70): BM022196.D (-817) (-)

Ion 77.00 (76.70 to 77.70): BM022196.D (-817) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.28 min Scan# 1240

Delta R.T. -0.02 min

Lab File: BM022485.D

Acq: 01 Sep 2019 20:02

Tgt Ion: 136 Resp: 34141

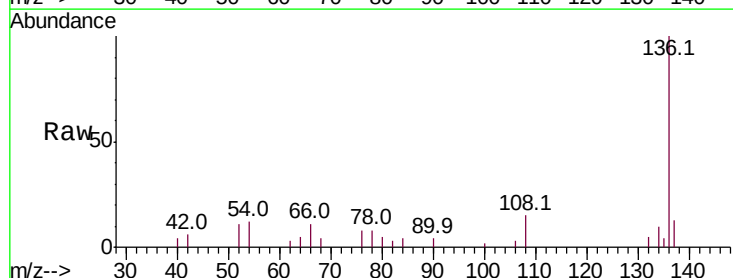
Ion Ratio Lower Upper

136 100

137 12.7 8.6 13.0

54 11.6 7.0 10.6#

68 3.8 2.9 4.3

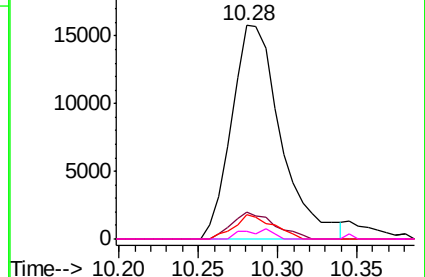
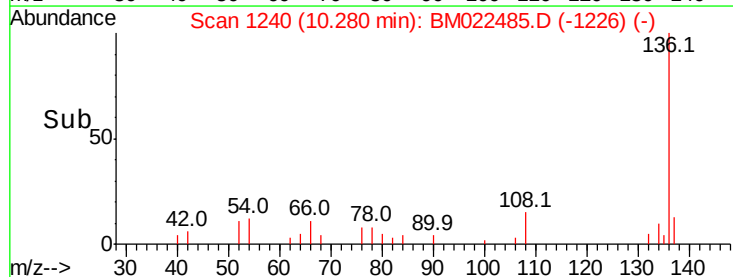


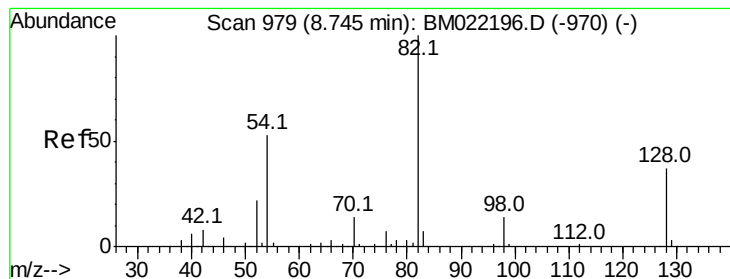
Abundance Ion 136.00 (135.70 to 136.70): BM022196.D (-1244) (-)

Ion 137.00 (136.70 to 137.70): BM022196.D (-1244) (-)

Ion 54.00 (53.70 to 54.70): BM022196.D (-1244) (-)

Ion 68.00 (67.70 to 68.70): BM022196.D (-1244) (-)





#23

Nitrobenzene-d5

Concen: 95.139 ng

RT: 8.68 min Scan# 968

Delta R.T. -0.02 min

Lab File: BM022485.D

Acq: 01 Sep 2019 20:02

Instrument :

BNA_M

ClientSampled :

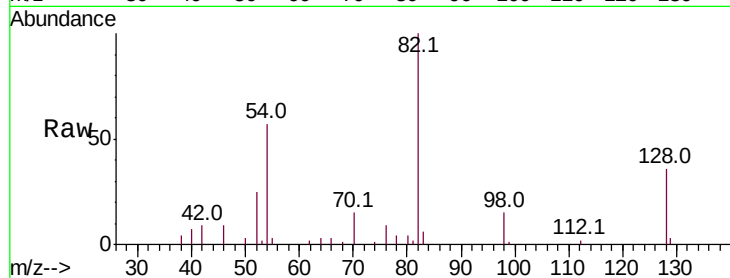
Tot Ion: 82 Resp: 74158

Ion Ratio Lower Upper

82 100

128 36.3 27.9 41.9

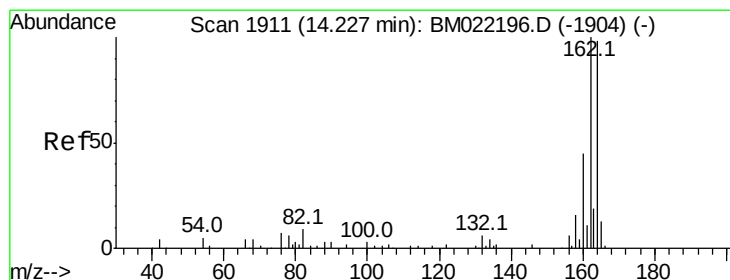
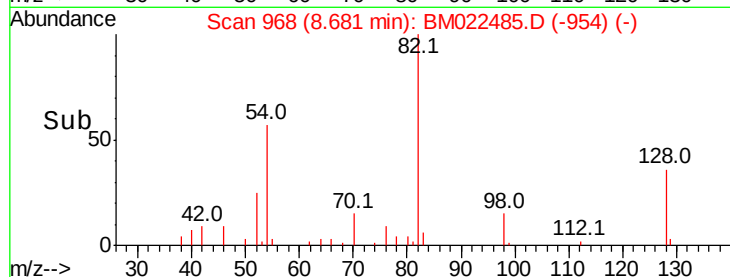
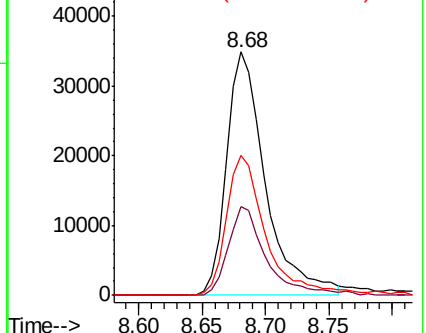
54 57.2 45.2 67.8



Abundance Ion 82.00 (81.70 to 82.70): BM022196.D (-970) (-)

Ion 128.00 (127.70 to 128.70): BM022196.D (-970) (-)

Ion 54.00 (53.70 to 54.70): BM022196.D (-970) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.17 min Scan# 1901

Delta R.T. -0.02 min

Lab File: BM022485.D

Acq: 01 Sep 2019 20:02

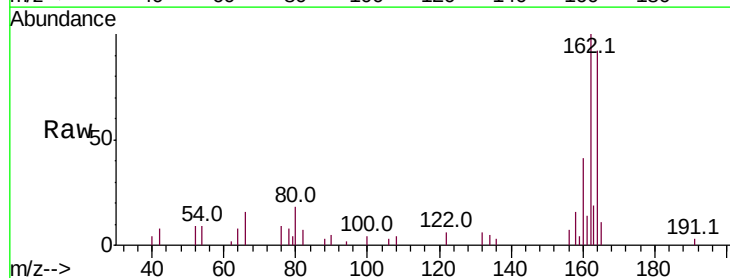
Tgt Ion: 164 Resp: 22913

Ion Ratio Lower Upper

164 100

162 108.6 80.6 121.0

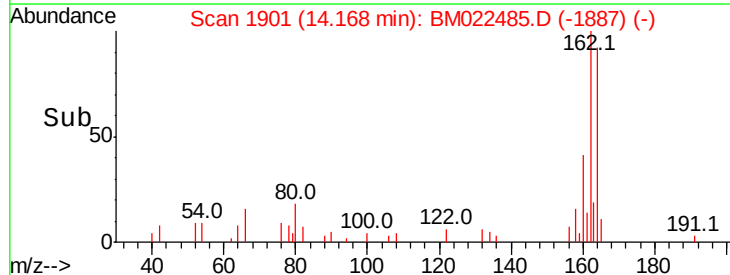
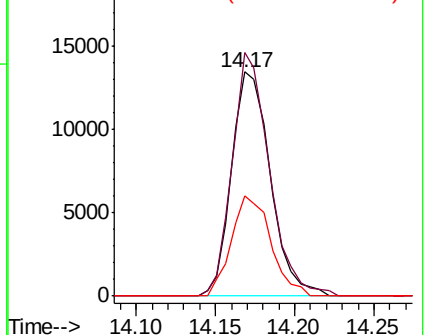
160 44.9 37.3 55.9

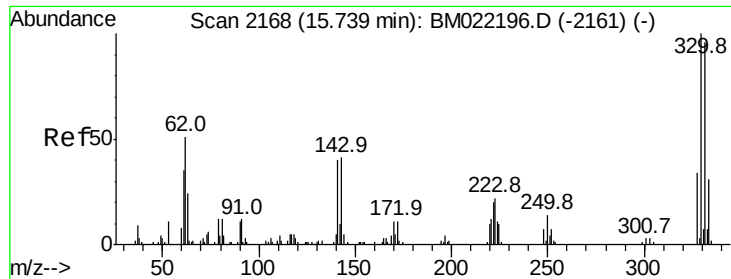


Abundance Ion 164.00 (163.70 to 164.70): BM022196.D (-1904) (-)

Ion 162.00 (161.70 to 162.70): BM022196.D (-1904) (-)

Ion 160.00 (159.70 to 160.70): BM022196.D (-1904) (-)

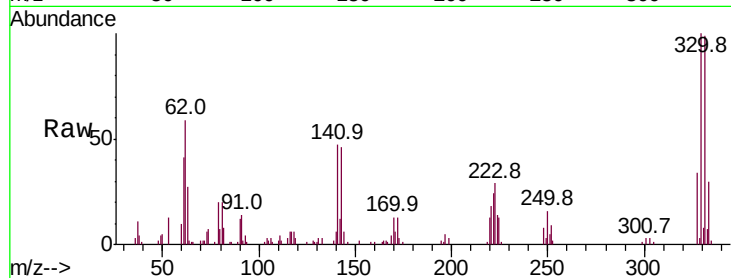




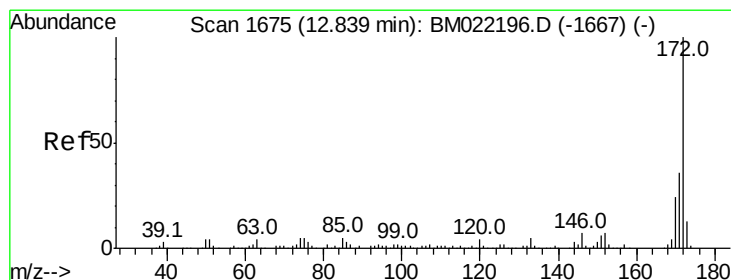
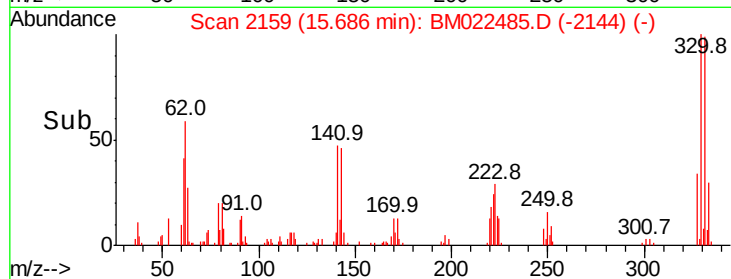
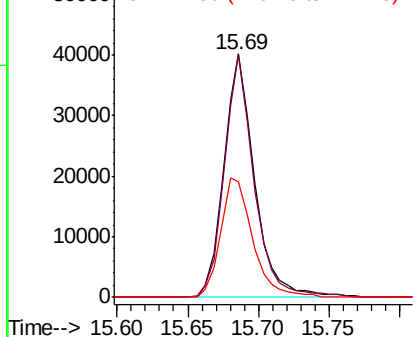
#42
 2,4,6-Tribromophenol
 Concen: 129.262 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BM022485.D
 Acq: 01 Sep 2019 20:02

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.8	116.8
141	51.5	35.6	53.4

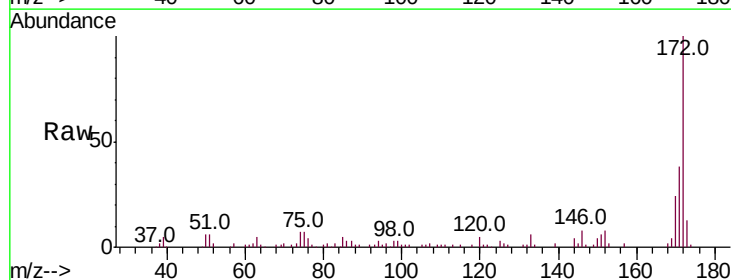


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

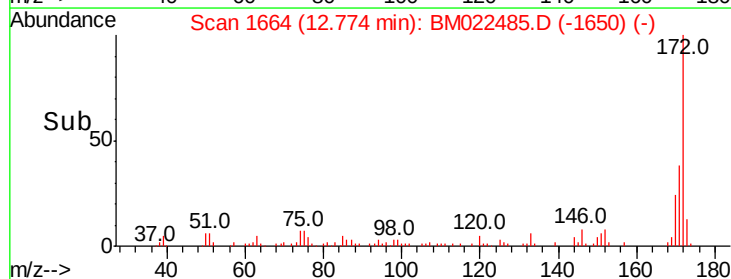
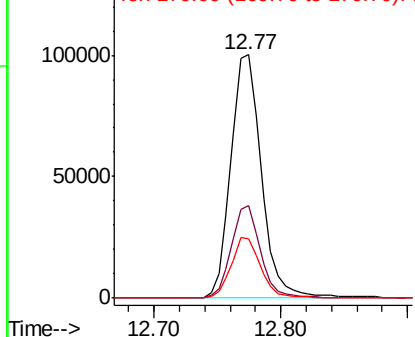


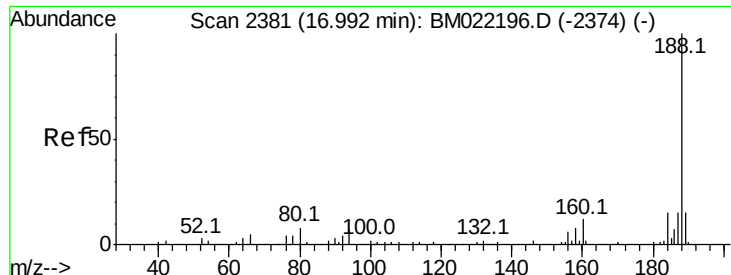
#45
 2-Fluorobiphenyl
 Concen: 82.787 ng
 RT: 12.77 min Scan# 1664
 Delta R.T. -0.02 min
 Lab File: BM022485.D
 Acq: 01 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	28.5	42.7
170	24.4	18.9	28.3



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

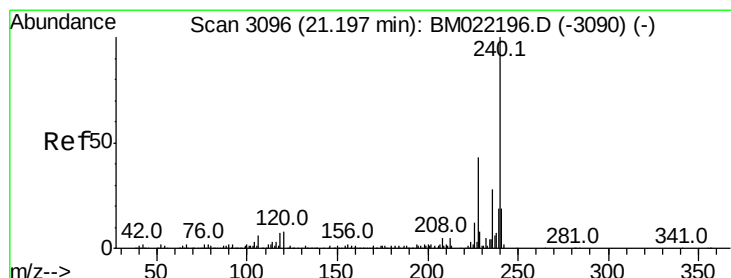
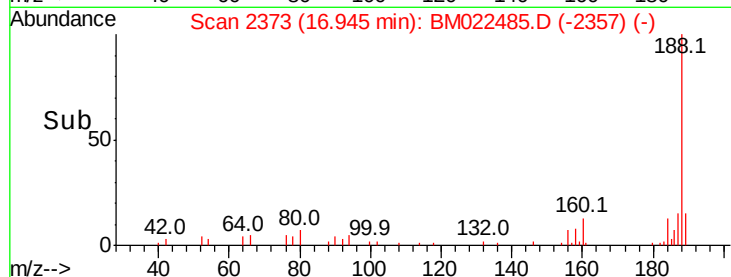
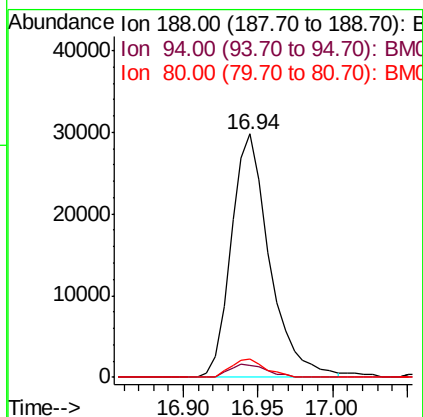
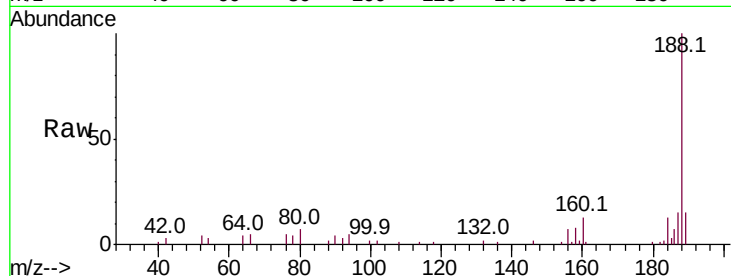




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM022485.D
Acq: 01 Sep 2019 20:02

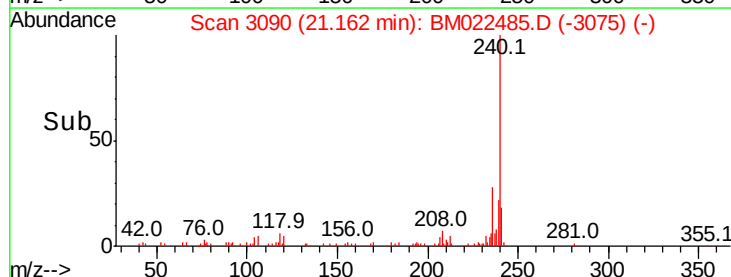
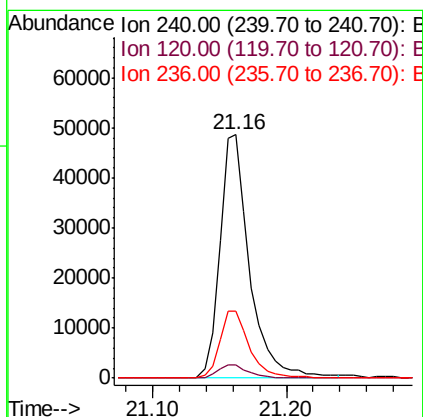
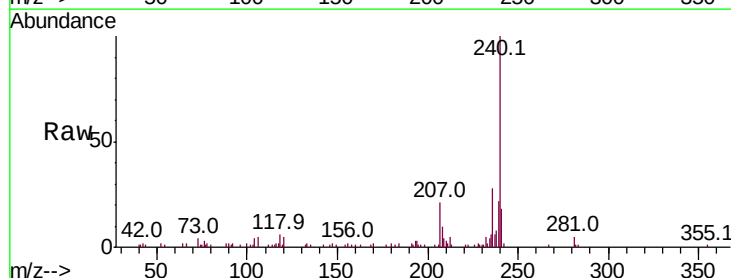
Instrument :
BNA_M
ClientSampleId :

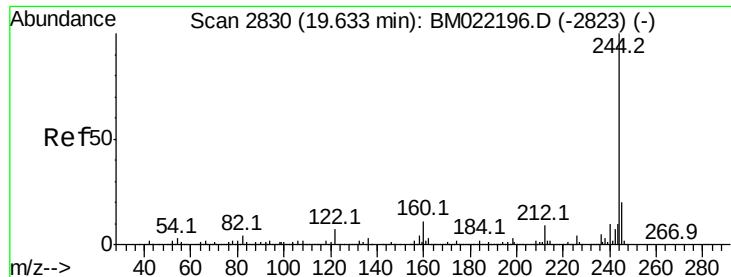
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.0	4.4	6.6
80	7.4	5.0	7.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM022485.D
Acq: 01 Sep 2019 20:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.2	3.9	5.9
236	27.7	21.4	32.2





#79

Terphenyl-d14

Concen: 85.820 ng

RT: 19.59 min Scan# 2822

Delta R.T. -0.02 min

Lab File: BM022485.D

Acq: 01 Sep 2019 20:02

Instrument :

BNA_M

ClientSampled :

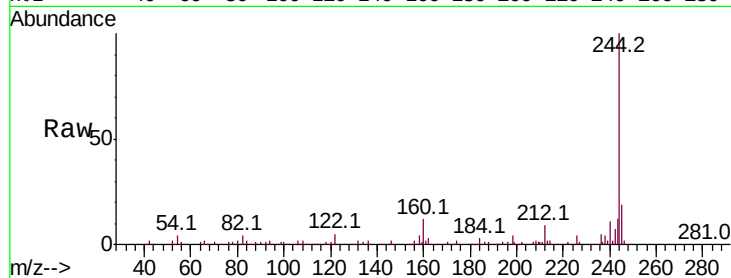
Tot Ion:244 Resp: 494239

Ion Ratio Lower Upper

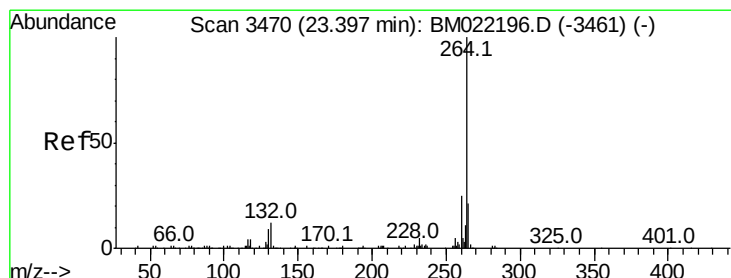
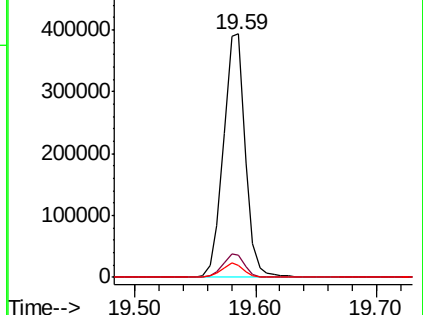
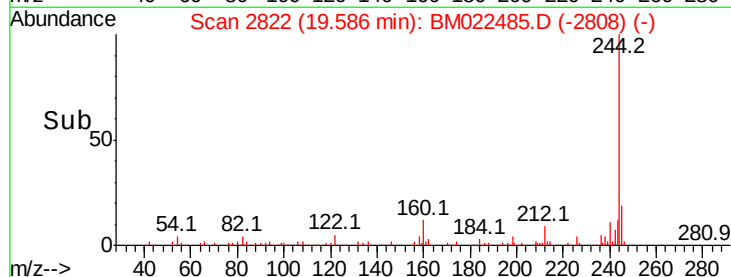
244 100

212 9.0 7.0 10.4

122 5.1 3.9 5.9



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: 23.34 min Scan# 3461

Delta R.T. -0.02 min

Lab File: BM022485.D

Acq: 01 Sep 2019 20:02

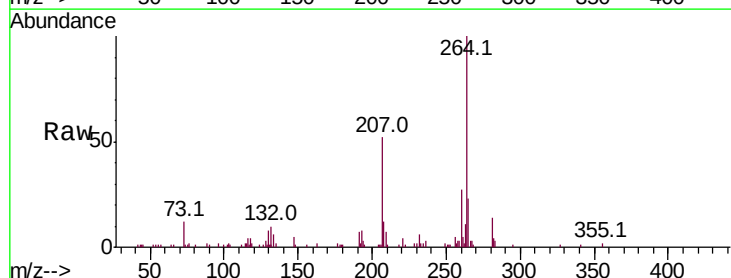
Tgt Ion:264 Resp: 92617

Ion Ratio Lower Upper

264 100

260 26.8 20.2 30.2

265 22.5 18.2 27.2



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

