

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090119\
 Data File : BM022489.D
 Acq On : 01 Sep 2019 22:30
 Operator : HP/JU
 Sample : K4555-22
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 02 03:49:27 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

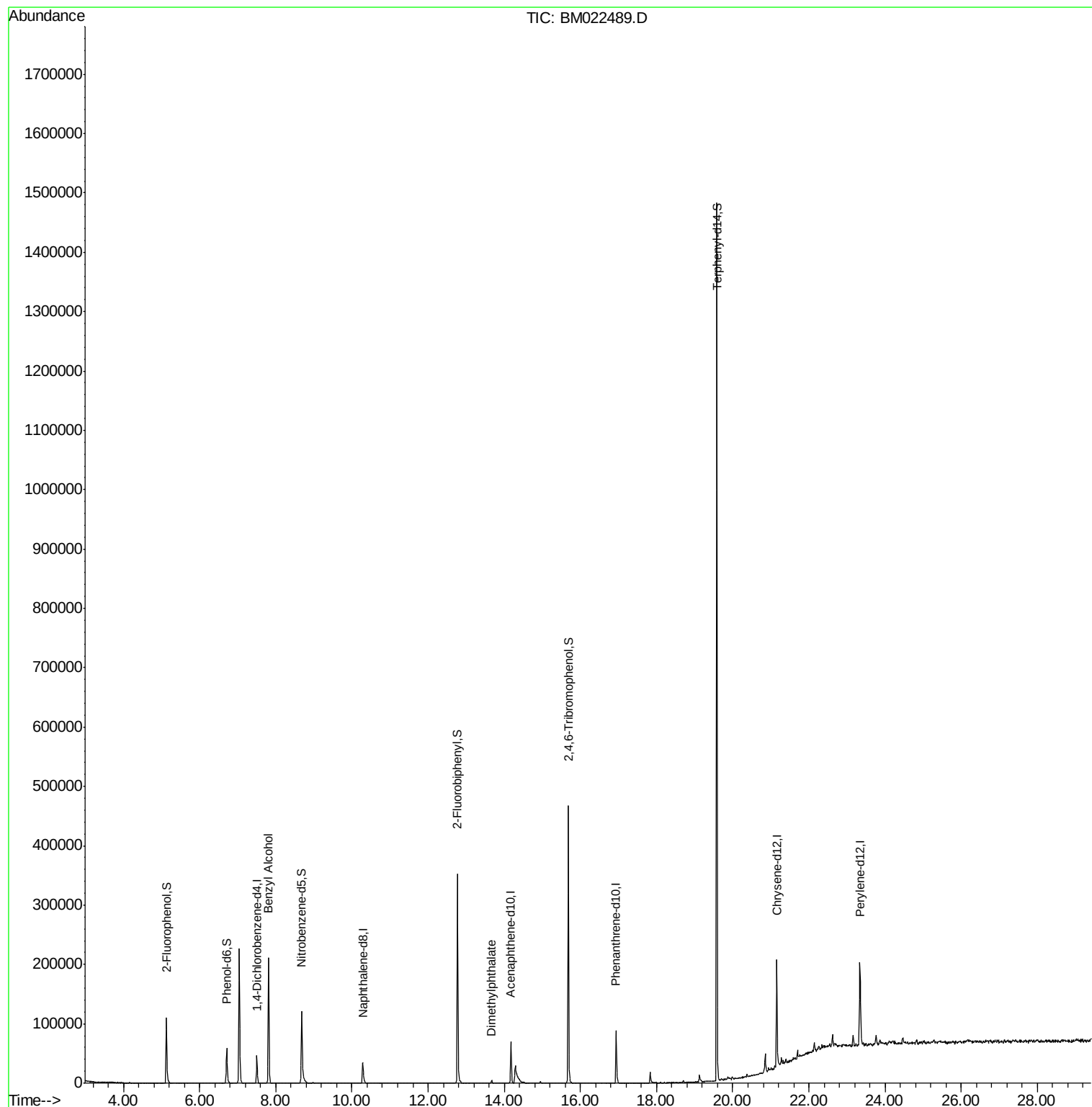
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	10600	20.00	ng	-0.02
21) Naphthalene-d8	10.29	136	35163	20.00	ng	-0.01
39) Acenaphthene-d10	14.17	164	24470	20.00	ng	-0.01
64) Phenanthrene-d10	16.94	188	58357	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	88548	20.00	ng	-0.02
87) Perylene-d12	23.34	264	114074	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	40801	67.57	ng	-0.02
7) Phenol-d6	6.71	99	31836	39.42	ng	-0.01
23) Nitrobenzene-d5	8.68	82	82146	102.32	ng	-0.02
42) 2,4,6-Tribromophenol	15.69	330	67451	134.71	ng	-0.01
45) 2-Fluorobiphenyl	12.77	172	180834	83.72	ng	-0.02
79) Terphenyl-d14	19.58	244	564311	84.11	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	7.81	79	1677	2.189	ng	# 13
50) Dimethylphthalate	13.67	163	4686	2.202	ng	# 86

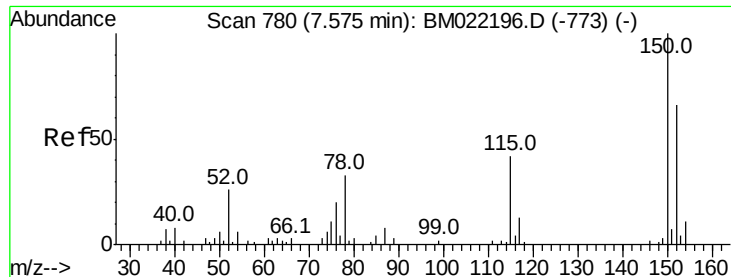
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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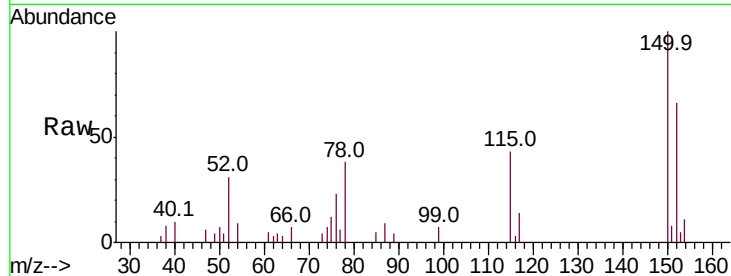


#1

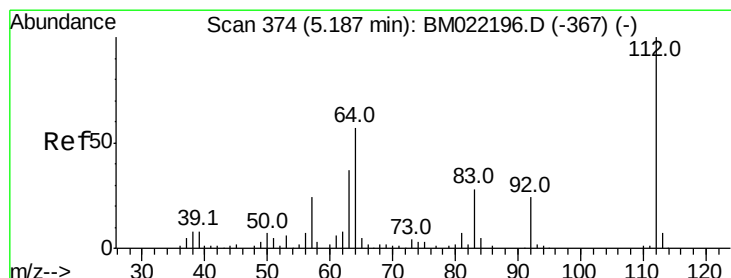
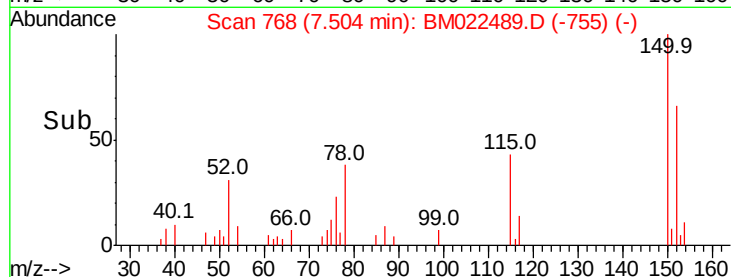
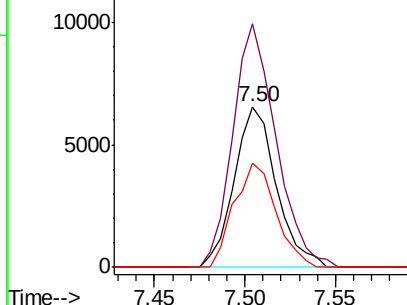
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.02 min
Lab File: BM022489.D
Acq: 01 Sep 2019 22:30

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 10600
Ion Ratio Lower Upper
152 100
150 151.7 125.4 188.0
115 64.6 50.3 75.5



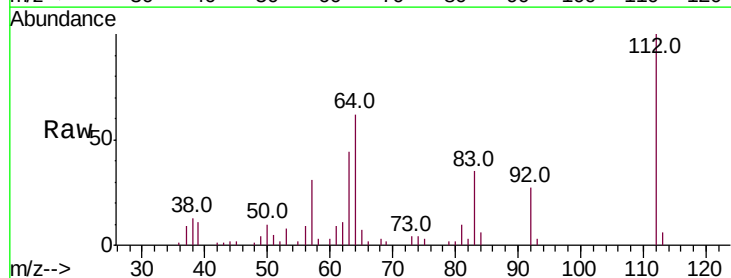
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



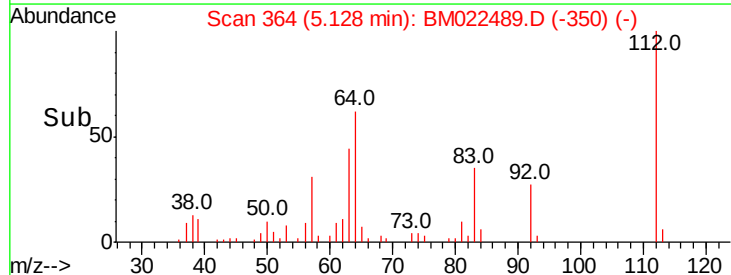
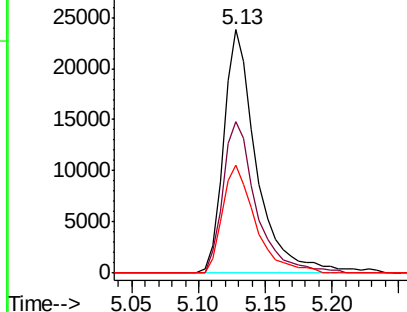
#5

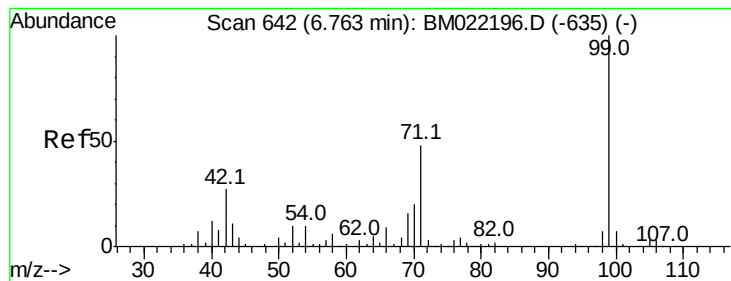
2-Fluorophenol
Concen: 67.565 ng
RT: 5.13 min Scan# 364
Delta R.T. -0.02 min
Lab File: BM022489.D
Acq: 01 Sep 2019 22:30

Tgt Ion:112 Resp: 40801
Ion Ratio Lower Upper
112 100
64 62.2 45.4 68.2
63 44.2 34.5 51.7



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: 39.423 ng

RT: 6.71 min Scan# 633

Delta R.T. -0.01 min

Lab File: BM022489.D

Acq: 01 Sep 2019 22:30

Instrument :

BNA_M

ClientSampled :

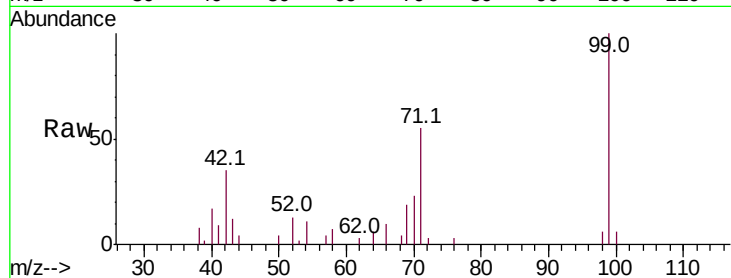
Tot Ion: 99 Resp: 31836

Ion Ratio Lower Upper

99 100

42 34.7 26.3 39.5

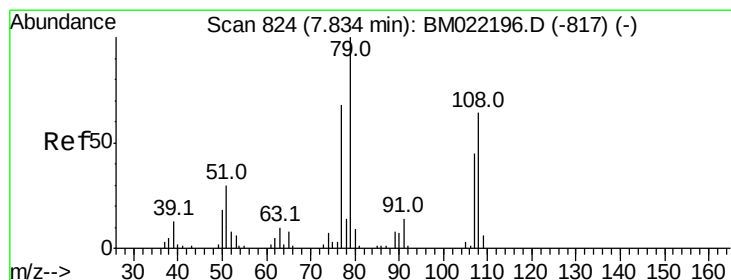
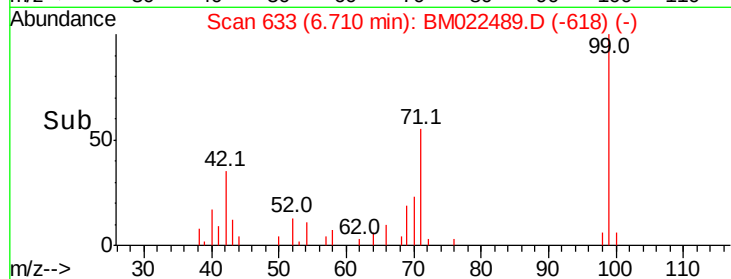
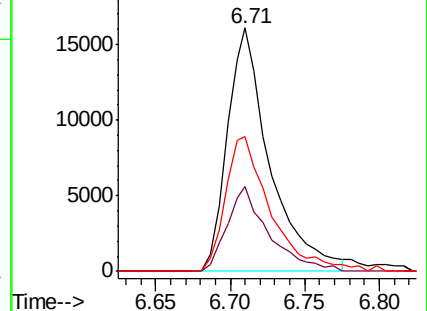
71 55.4 46.6 69.8



Abundance Ion 99.00 (98.70 to 99.70): BM022196.D (-635) (-)

Ion 42.00 (41.70 to 42.70): BM022196.D (-635) (-)

Ion 71.00 (70.70 to 71.70): BM022196.D (-635) (-)



#15

Benzyl Alcohol

Concen: 2.189 ng

RT: 7.81 min Scan# 820

Delta R.T. 0.02 min

Lab File: BM022489.D

Acq: 01 Sep 2019 22:30

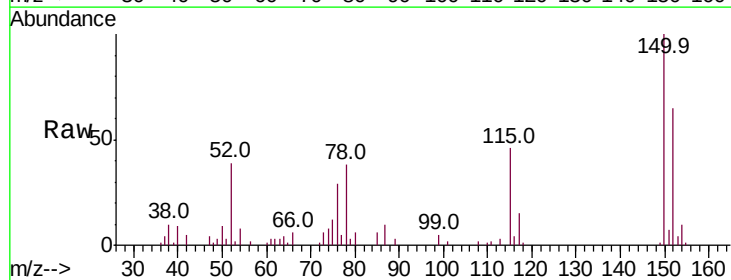
Tgt Ion: 79 Resp: 1677

Ion Ratio Lower Upper

79 100

108 76.6 48.2 72.4#

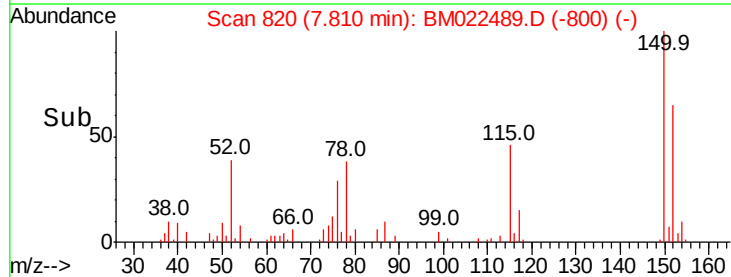
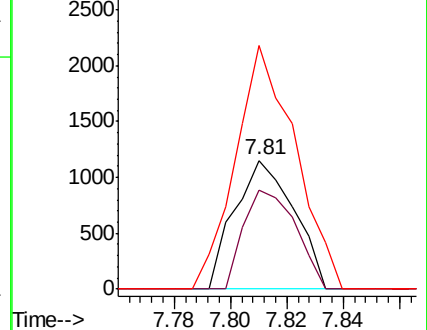
77 188.7 56.6 85.0#

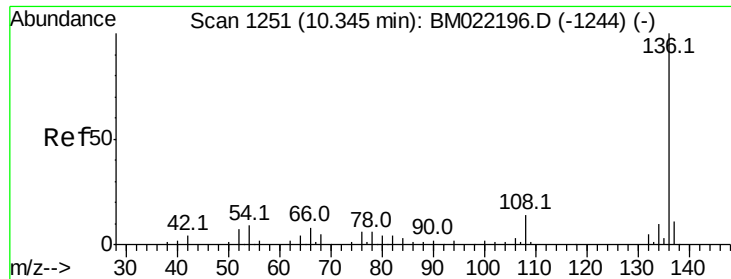


Abundance Ion 79.00 (78.70 to 79.70): BM022196.D (-817) (-)

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

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

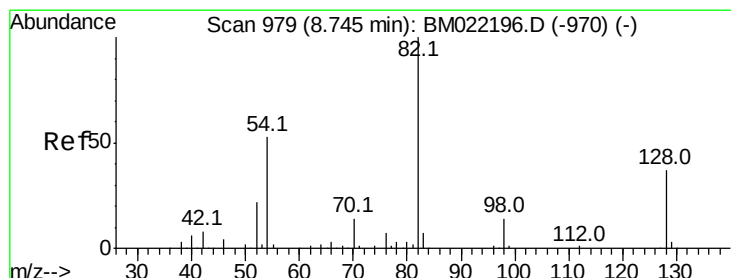
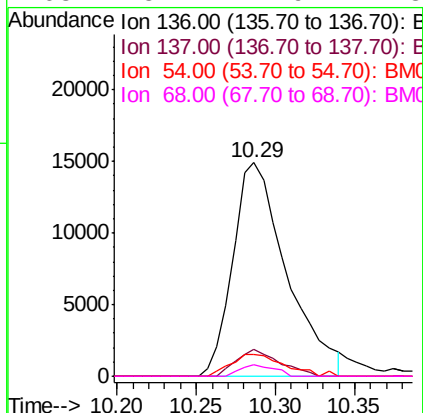
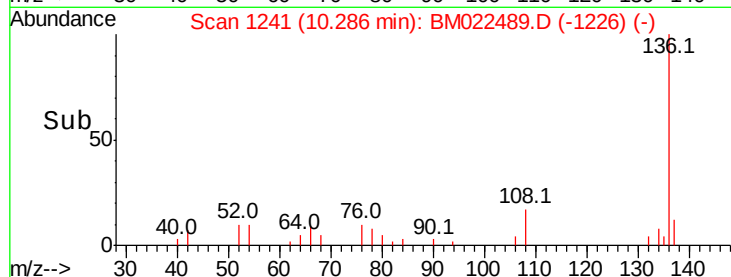
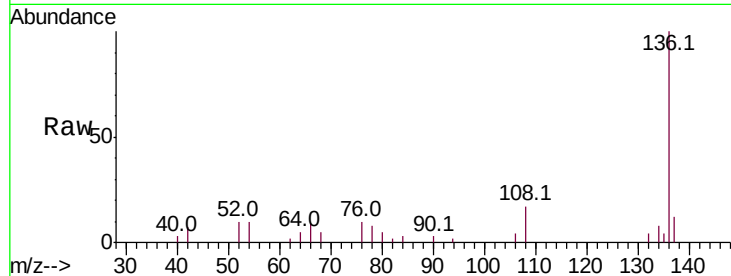




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BM022489.D
Acq: 01 Sep 2019 22:30

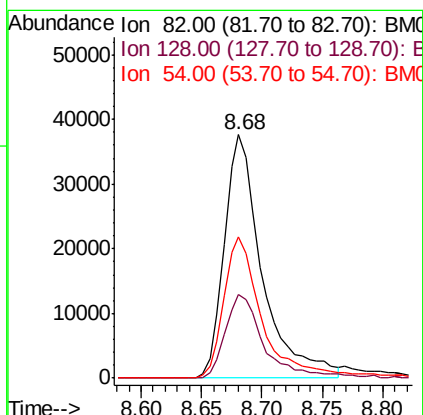
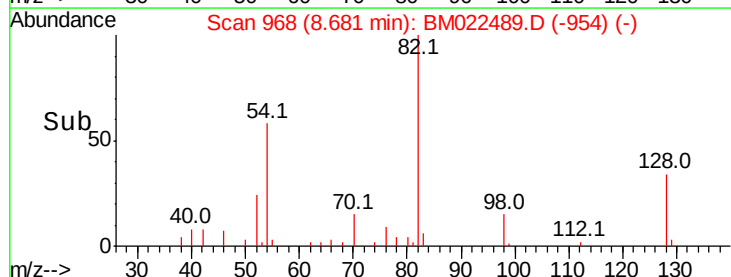
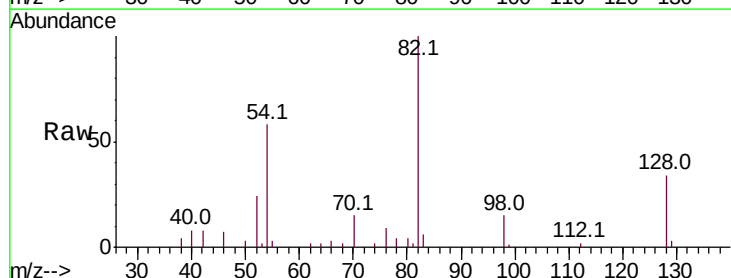
Instrument :
BNA_M
ClientSampleId :

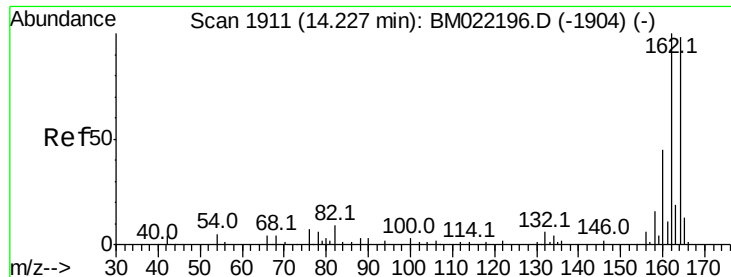
Tot Ion:	136	Resp:	35163
Ion	Ratio	Lower	Upper
136	100		
137	12.3	8.6	13.0
54	10.3	7.0	10.6
68	5.4	2.9	4.3#



#23
Nitrobenzene-d5
Concen: 102.324 ng
RT: 8.68 min Scan# 968
Delta R.T. -0.02 min
Lab File: BM022489.D
Acq: 01 Sep 2019 22:30

Tgt Ion:	82	Resp:	82146
Ion	Ratio	Lower	Upper
82	100		
128	34.4	27.9	41.9
54	58.2	45.2	67.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.17 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BM022489.D

Acq: 01 Sep 2019 22:30

Instrument :

BNA_M

ClientSampleId :

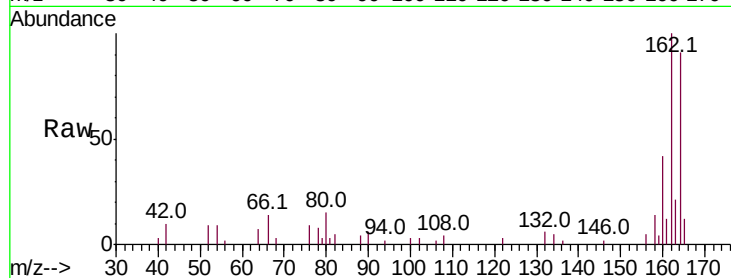
Tot Ion:164 Resp: 24470

Ion Ratio Lower Upper

164 100

162 109.5 80.6 121.0

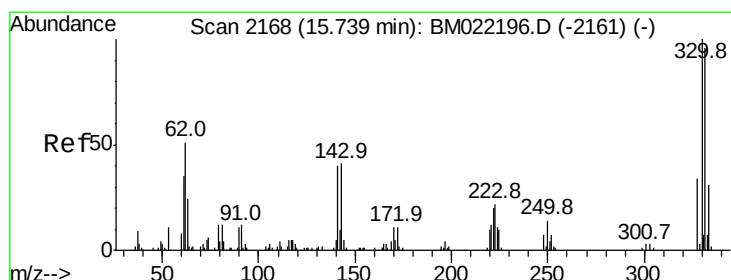
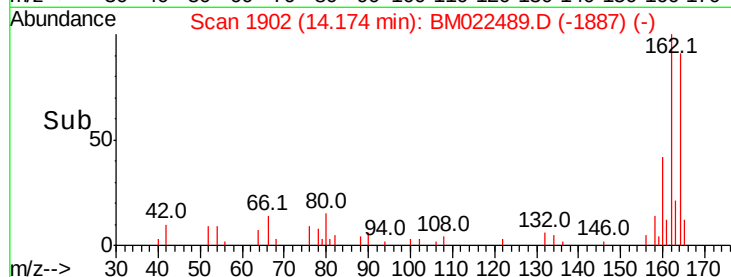
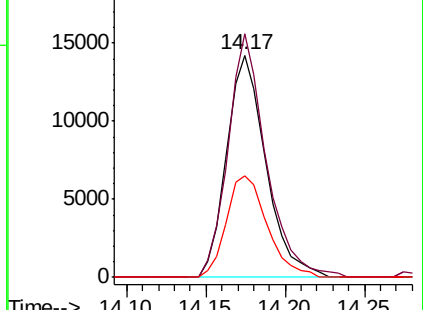
160 45.9 37.3 55.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 134.707 ng

RT: 15.69 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BM022489.D

Acq: 01 Sep 2019 22:30

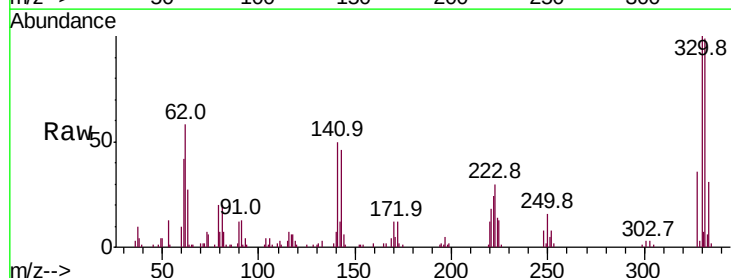
Tgt Ion:330 Resp: 67451

Ion Ratio Lower Upper

330 100

332 97.7 77.8 116.8

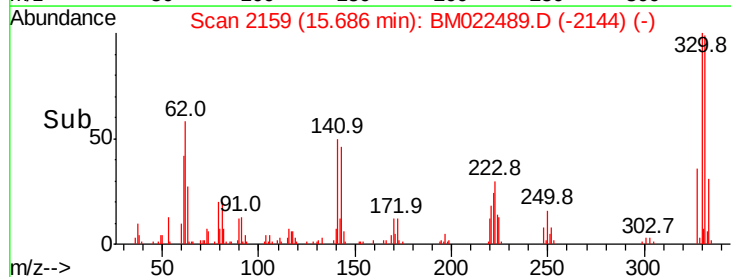
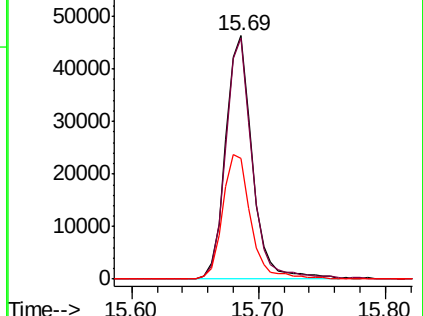
141 54.0 35.6 53.4#

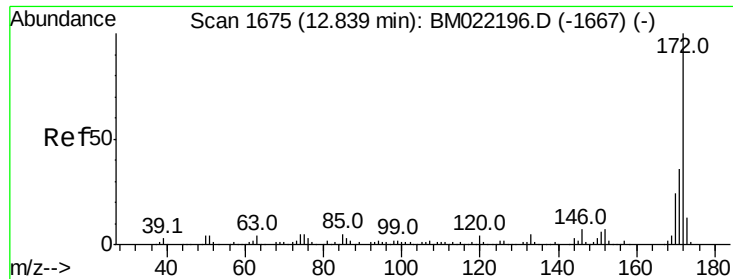


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

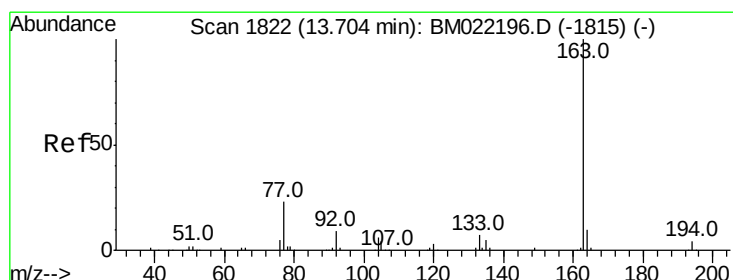
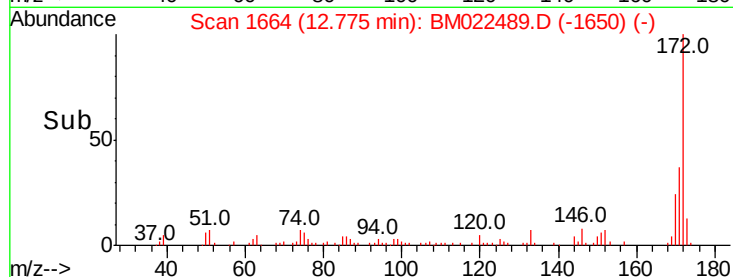
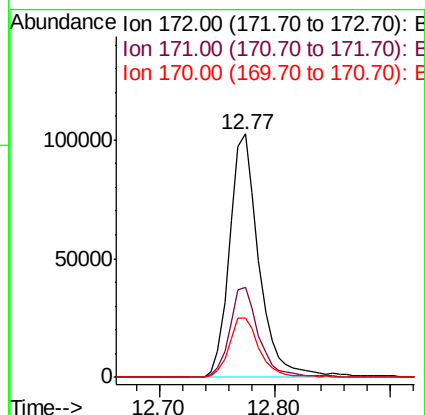
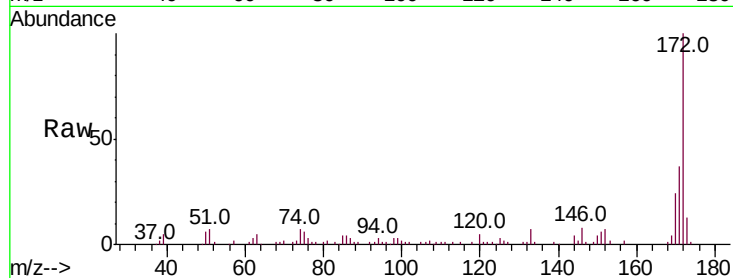




#45
 2-Fluorobiphenyl
 Concen: 83.718 ng
 RT: 12.77 min Scan# 1664
 Delta R.T. -0.02 min
 Lab File: BM022489.D
 Acq: 01 Sep 2019 22:30

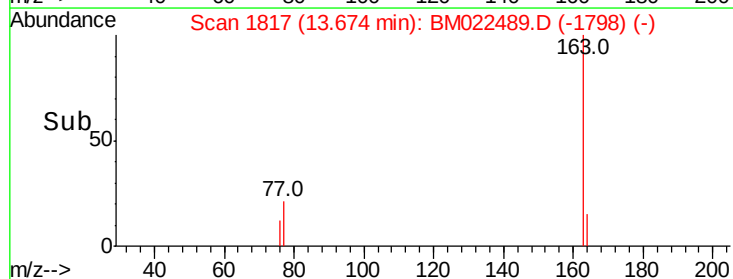
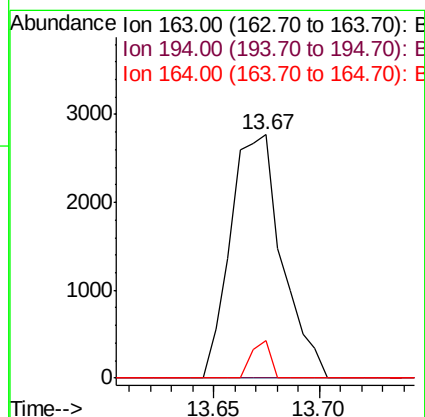
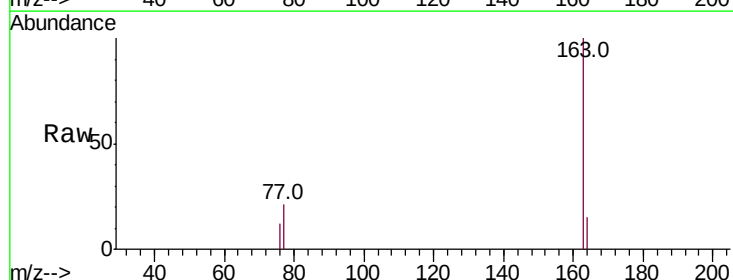
Instrument :
 BNA_M
 ClientSampleId :

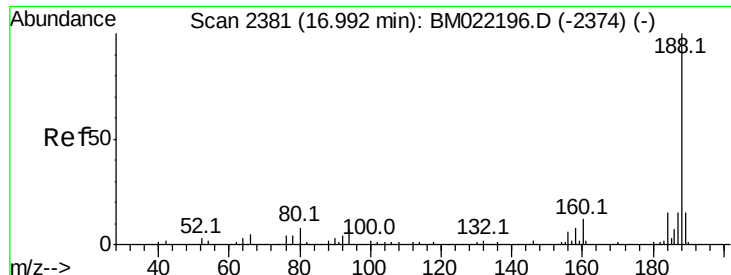
Tot Ion:172 Resp: 180834
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.5 42.7
 170 24.2 18.9 28.3



#50
 Dimethylphthalate
 Concen: 2.202 ng
 RT: 13.67 min Scan# 1817
 Delta R.T. 0.01 min
 Lab File: BM022489.D
 Acq: 01 Sep 2019 22:30

Tgt Ion:163 Resp: 4686
 Ion Ratio Lower Upper
 163 100
 194 0.0 3.4 5.2#
 164 15.4 8.2 12.2#

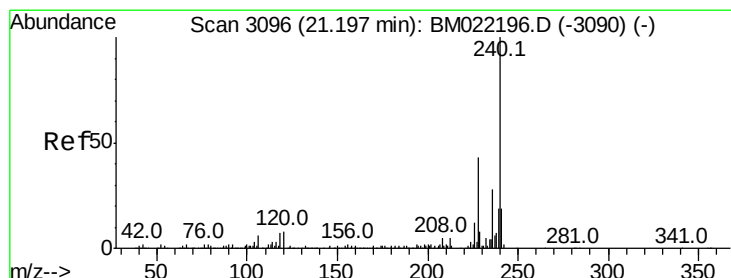
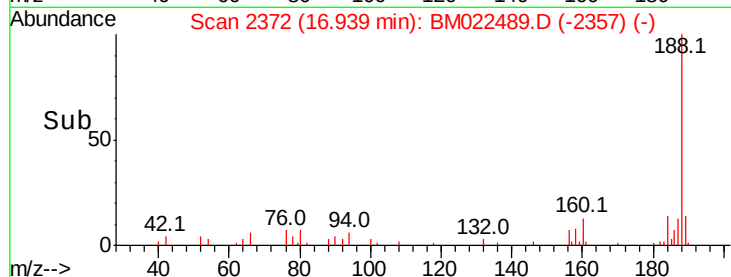
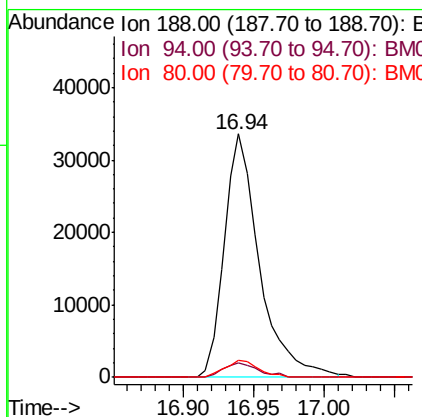
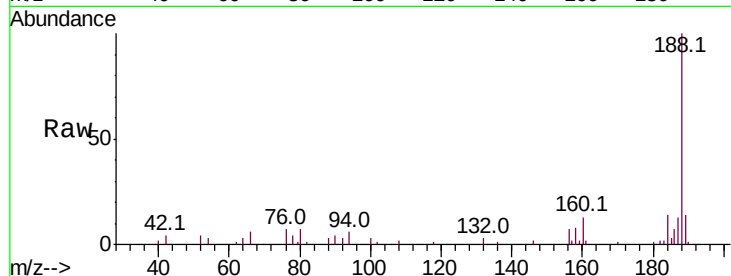




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BM022489.D
Acq: 01 Sep 2019 22:30

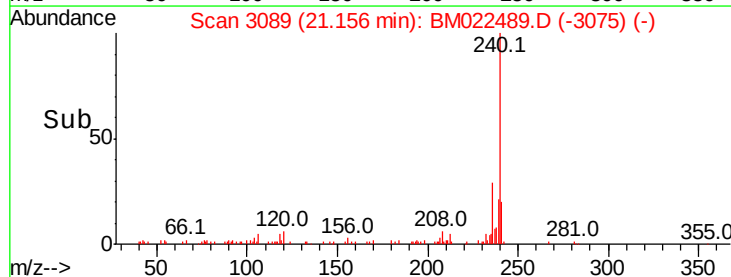
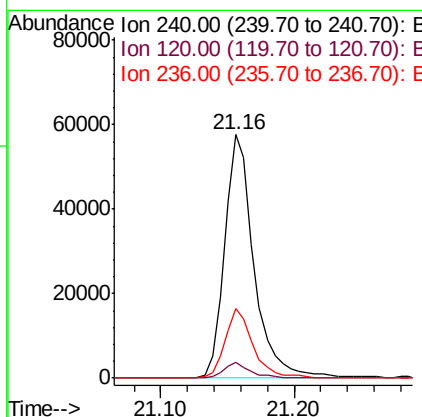
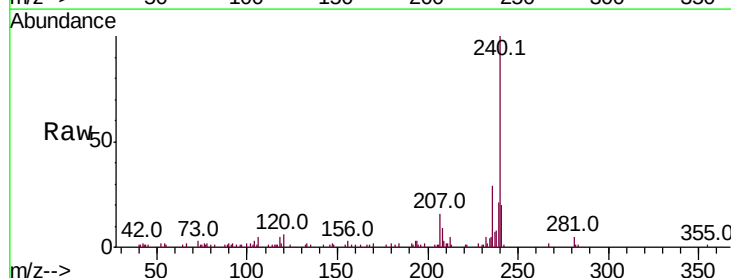
Instrument :
BNA_M
ClientSampleId :

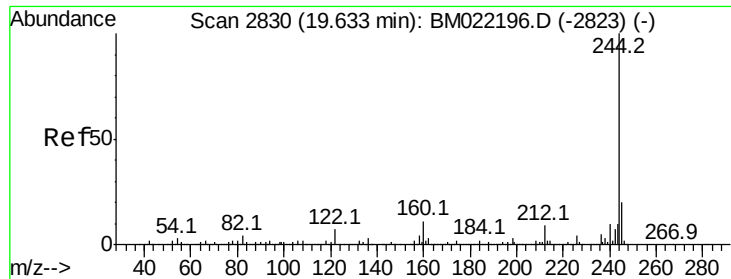
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.1	4.4	6.6
80	7.1	5.0	7.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3089
Delta R.T. -0.02 min
Lab File: BM022489.D
Acq: 01 Sep 2019 22:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.4	3.9	5.9#
236	28.6	21.4	32.2

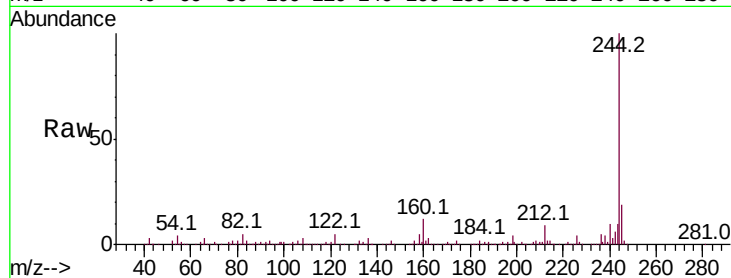




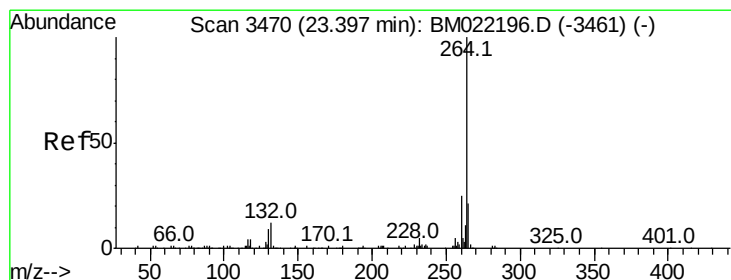
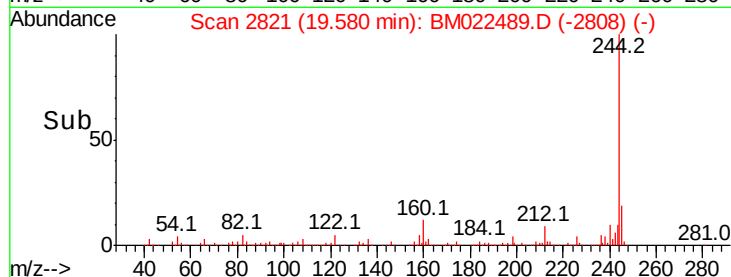
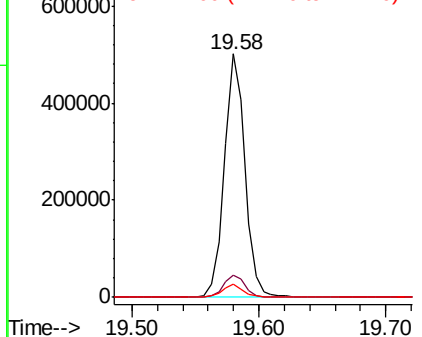
#79
 Terphenyl-d14
 Concen: 84.107 ng
 RT: 19.58 min Scan# 2821
 Delta R.T. -0.02 min
 Lab File: BM022489.D
 Acq: 01 Sep 2019 22:30

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 564311
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.0 10.4
 122 5.4 3.9 5.9

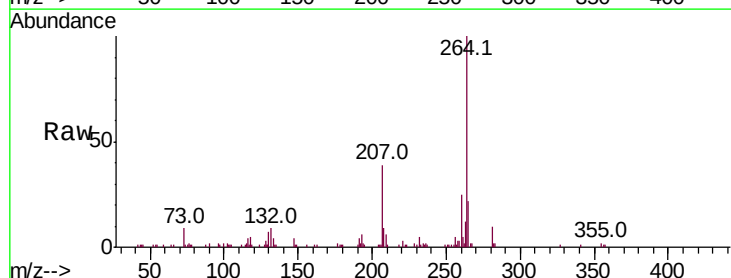


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.34 min Scan# 3460
 Delta R.T. -0.02 min
 Lab File: BM022489.D
 Acq: 01 Sep 2019 22:30

Tgt Ion:264 Resp: 114074
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.2 30.2
 265 22.1 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

