

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082420\
 Data File : BM027200.D
 Acq On : 24 Aug 2020 18:49
 Operator : JU/CG
 Sample : L3746-02RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 359RE

Quant Time: Aug 25 02:21:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 15:18:39 2020
 Response via : Initial Calibration

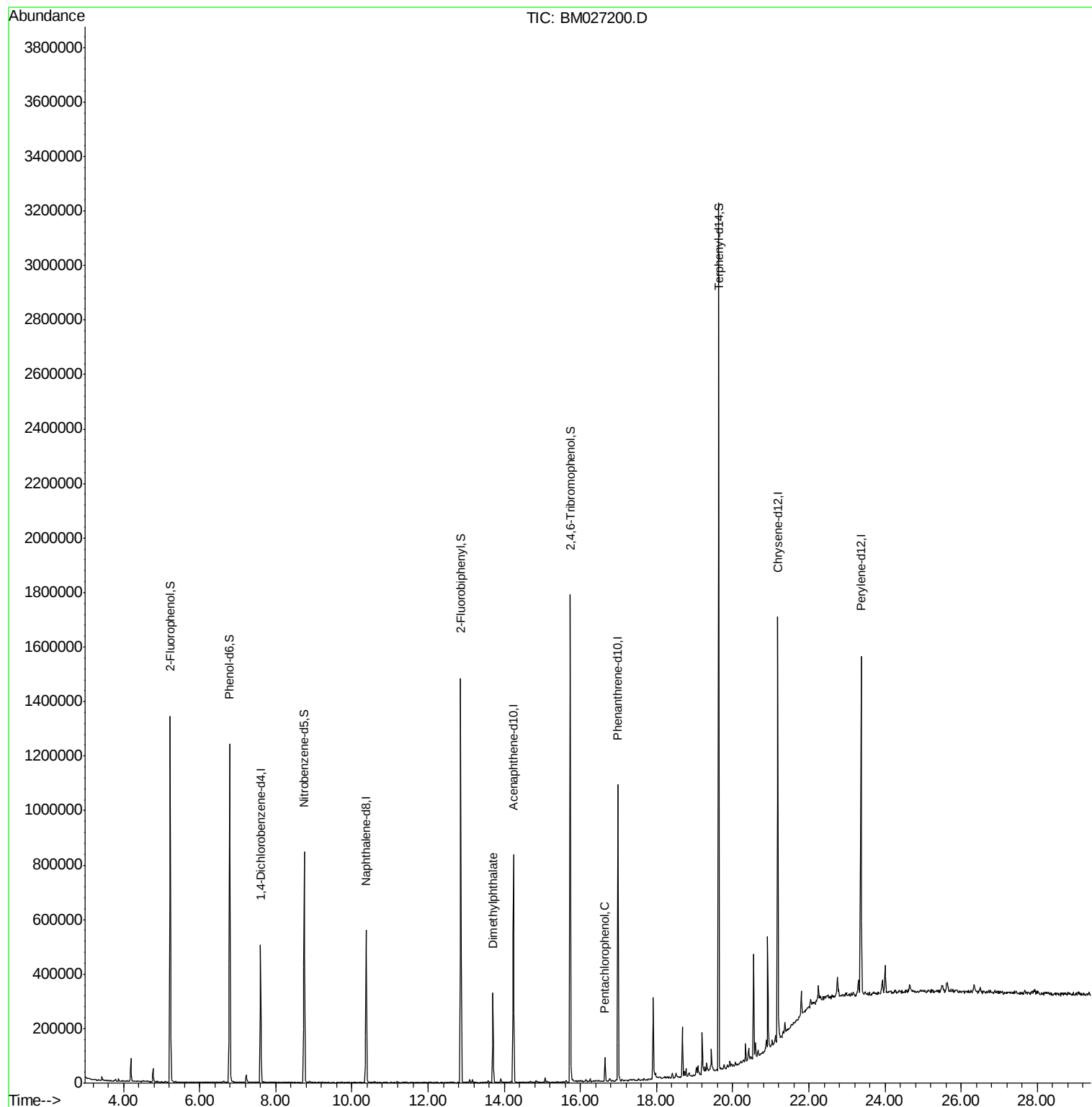
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	119836	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	416003	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	267637	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	600783	20.00	ng	0.00
76) Chrysene-d12	21.19	240	745276	20.00	ng	0.00
86) Perylene-d12	23.37	264	866628	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	473033	76.95	ng	0.00
7) Phenol-d6	6.79	99	603194	71.47	ng	0.00
23) Nitrobenzene-d5	8.75	82	477727	47.38	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	287051	66.23	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	734652	36.06	ng	0.00
79) Terphenyl-d14	19.63	244	1254772	31.45	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.70	163	190480	8.766	ng	100
70) Pentachlorophenol	16.64	266	14282	3.065	ng	96

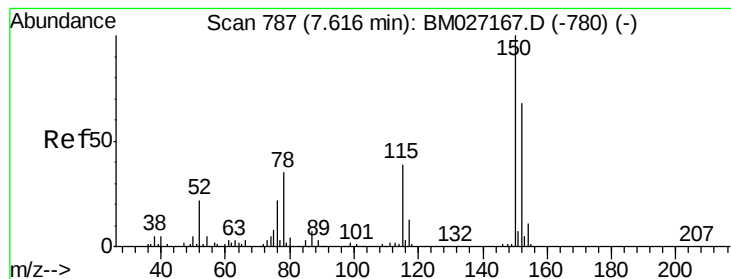
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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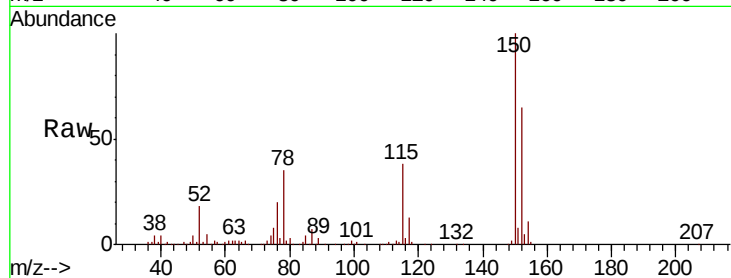


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 785
Delta R.T. 0.00 min
Lab File: BM027200.D
Acq: 24 Aug 2020 18:49

Instrument :
BNA_M
ClientSampleId :
359RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	118.2	177.4
115	59.0	46.1	69.1

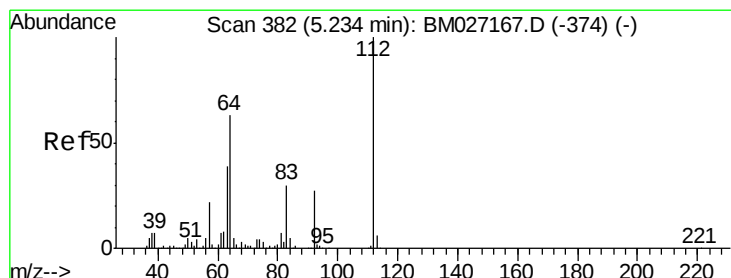
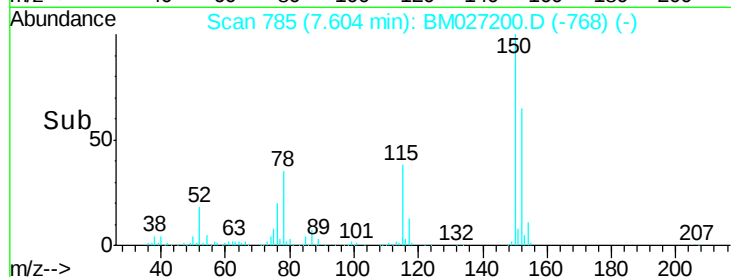
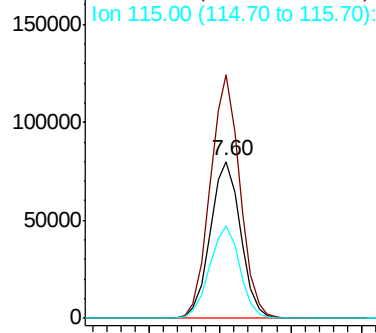


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

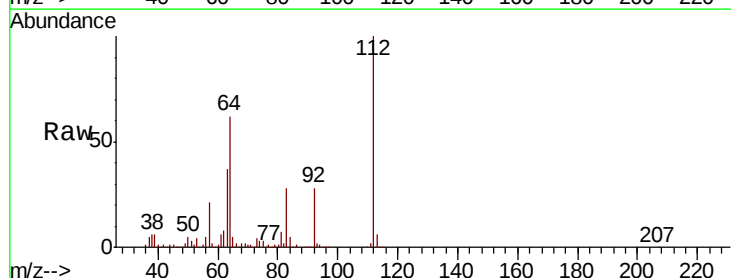
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 76.951 ng
RT: 5.23 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM027200.D
Acq: 24 Aug 2020 18:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	50.0	75.0
63	37.2	31.6	47.4

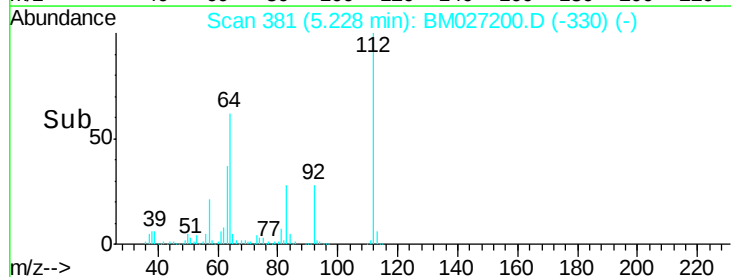
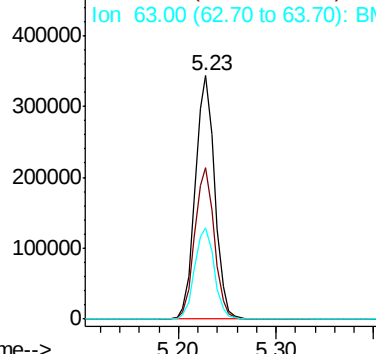


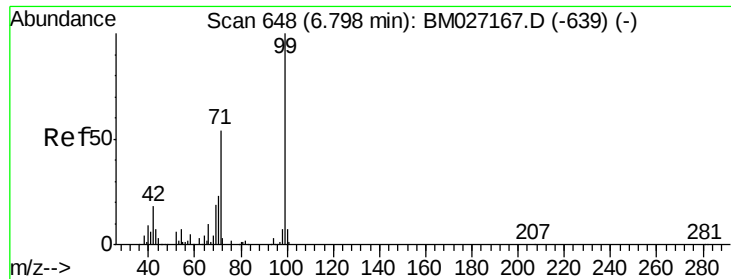
Abundance

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: 71.468 ng

RT: 6.79 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM027200.D

Acq: 24 Aug 2020 18:49

Instrument :

BNA_M

ClientSampleId :

359RE

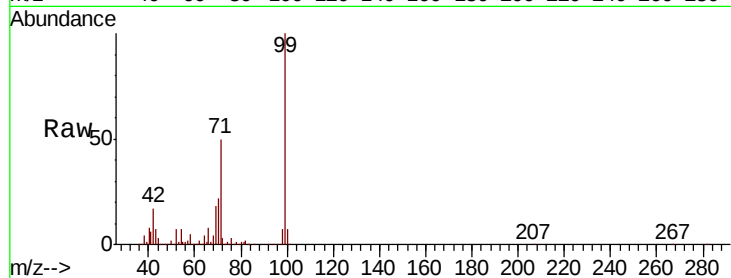
Tot Ion: 99 Resp: 603194

Ion Ratio Lower Upper

99 100

42 17.3 14.5 21.7

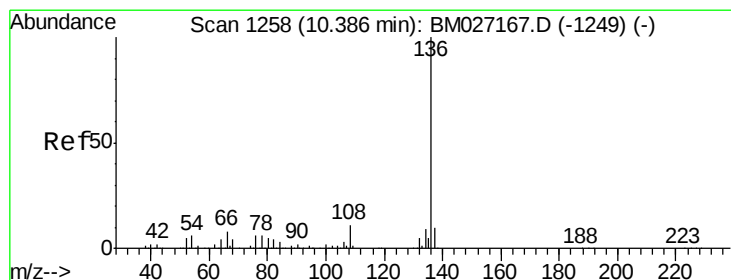
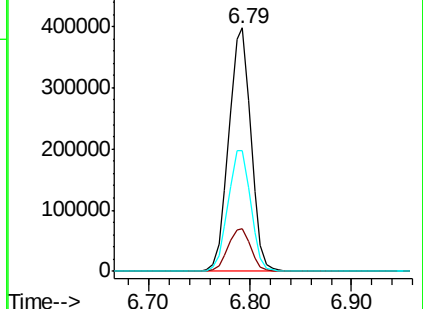
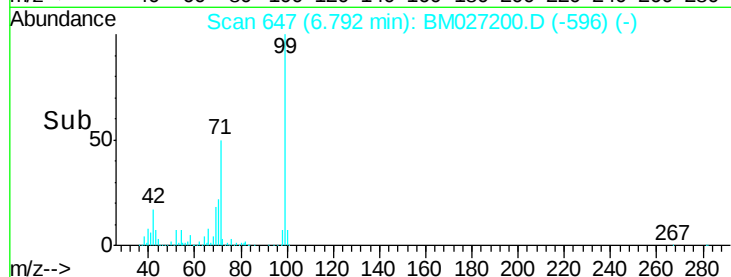
71 49.6 43.0 64.4



Abundance Ion 99.00 (98.70 to 99.70): BM027167.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM027167.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM027167.D (-639) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.37 min Scan# 1256

Delta R.T. 0.00 min

Lab File: BM027200.D

Acq: 24 Aug 2020 18:49

Tgt Ion: 136 Resp: 416003

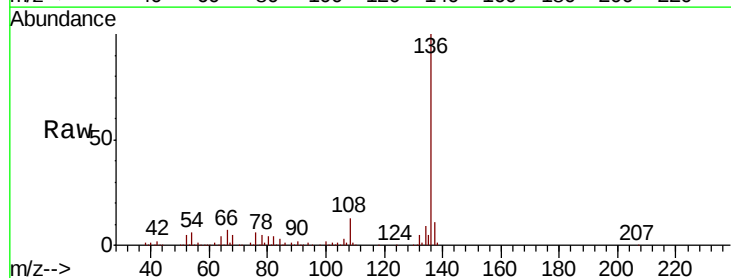
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.4

54 5.8 4.8 7.2

68 5.2 3.5 5.3

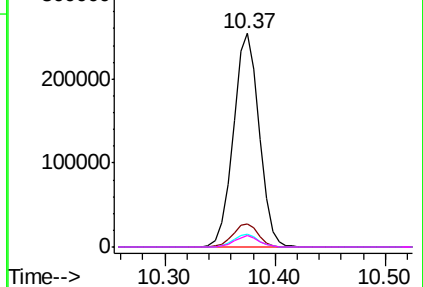
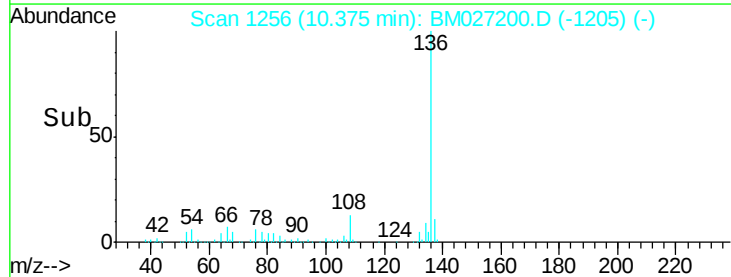


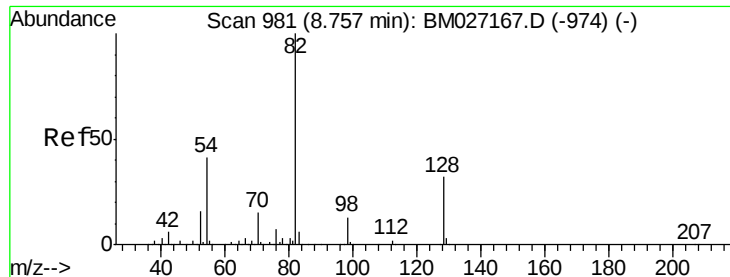
Abundance Ion 136.00 (135.70 to 136.70): BM027167.D (-1249) (-)

Ion 137.00 (136.70 to 137.70): BM027167.D (-1249) (-)

Ion 54.00 (53.70 to 54.70): BM027167.D (-1249) (-)

Ion 68.00 (67.70 to 68.70): BM027167.D (-1249) (-)

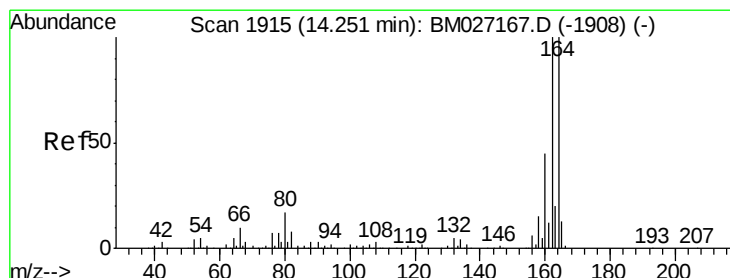
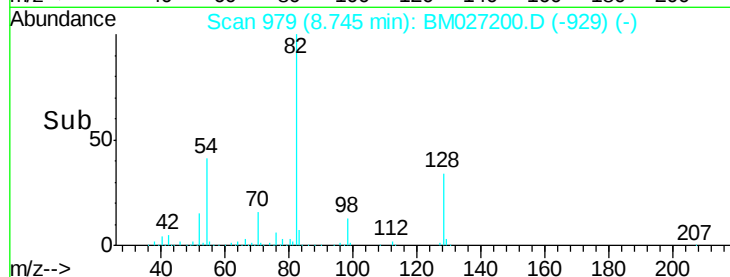
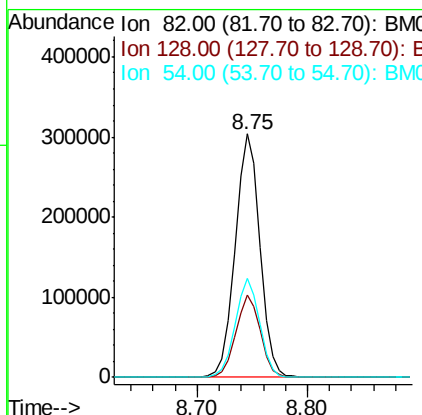
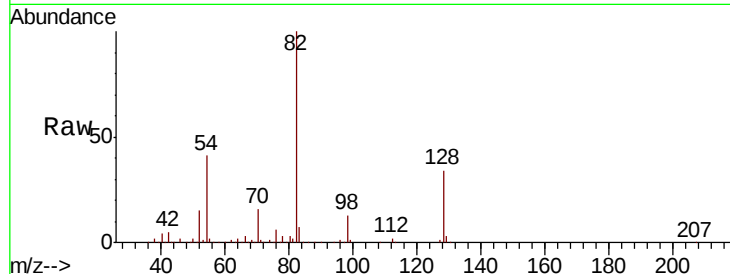




#23
 Nitrobenzene-d5
 Concen: 47.379 ng
 RT: 8.75 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BM027200.D
 Acq: 24 Aug 2020 18:49

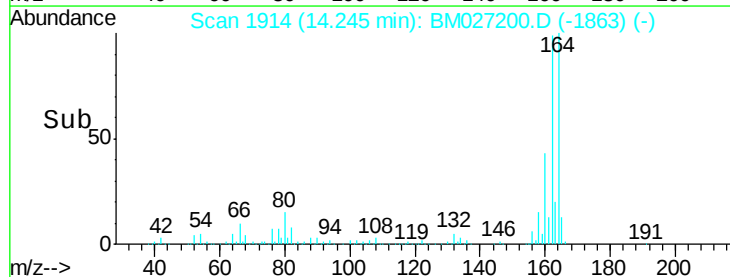
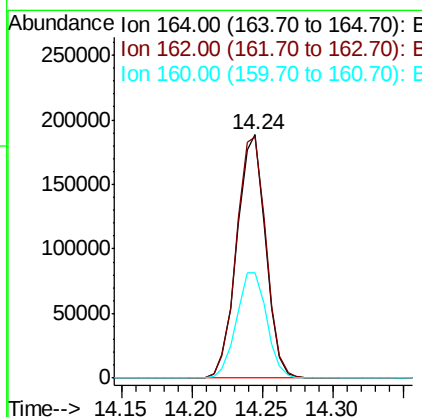
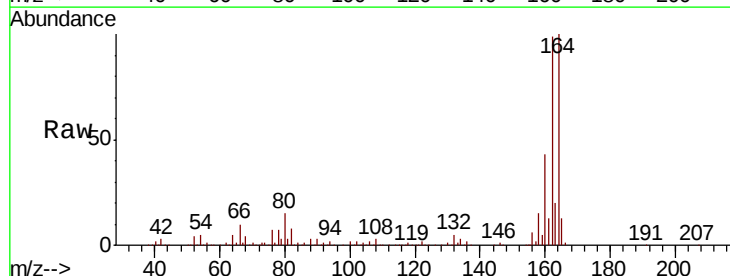
Instrument :
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 359RE

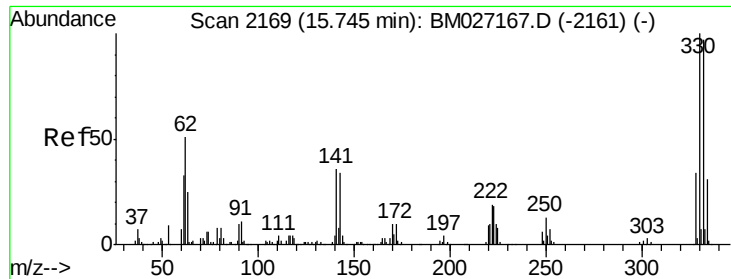
Tot Ion	82	Resp	477727
Ion Ratio	100	Lower	Upper
128	33.8	25.7	38.5
54	40.6	33.0	49.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.24 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: BM027200.D
 Acq: 24 Aug 2020 18:49

Tgt Ion	164	Resp	267637
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	99.2	80.2	120.4
160	43.2	36.3	54.5

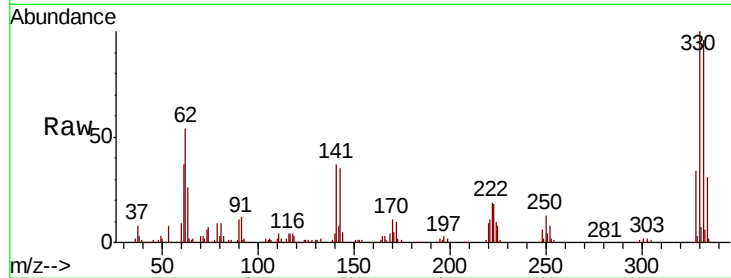




#42
 2,4,6-Tribromophenol
 Concen: 66.234 ng
 RT: 15.73 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BM027200.D
 Acq: 24 Aug 2020 18:49

Instrument :
 BNA_M
 ClientSampleId :
 359RE

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.2	115.8
141	37.3	31.0	46.6

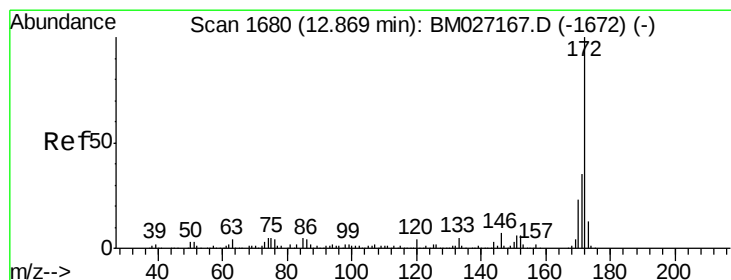
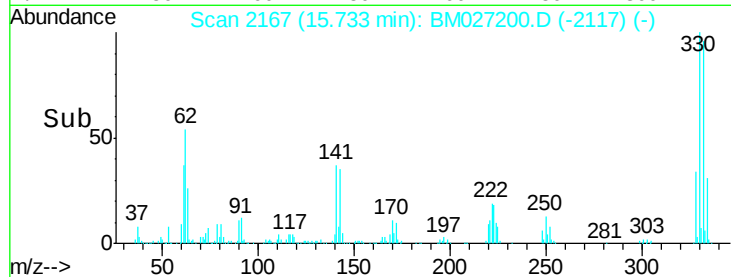
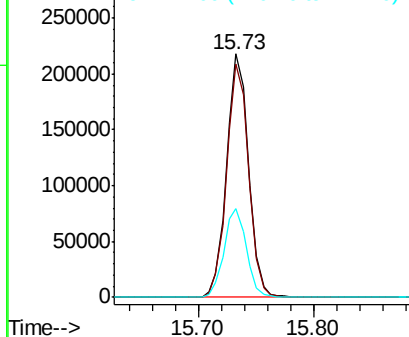


Abundance

Ion 329.80 (329.50 to 330.50): E

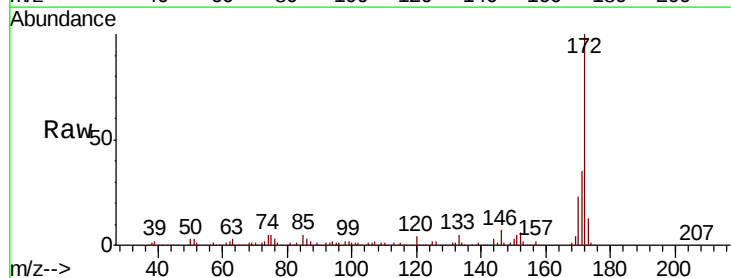
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 36.058 ng
 RT: 12.86 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BM027200.D
 Acq: 24 Aug 2020 18:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.1	42.1
170	23.3	18.6	28.0

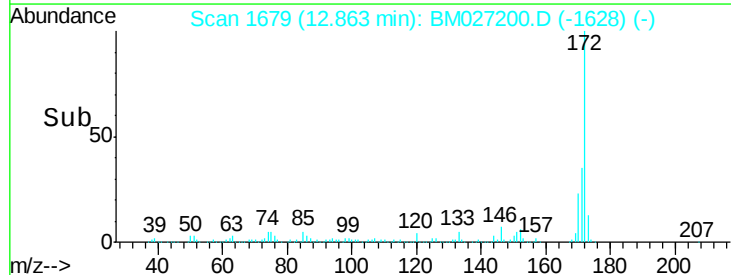
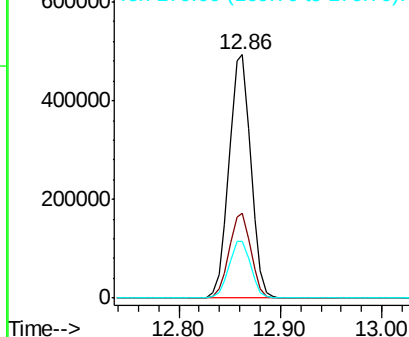


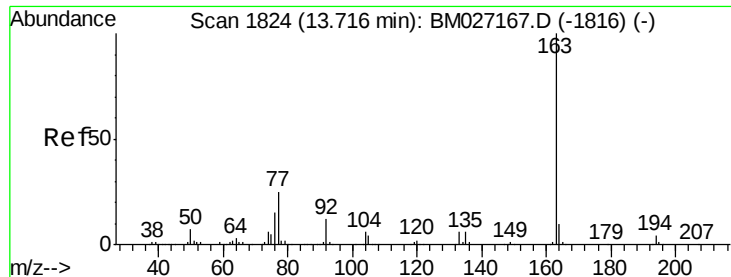
Abundance

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

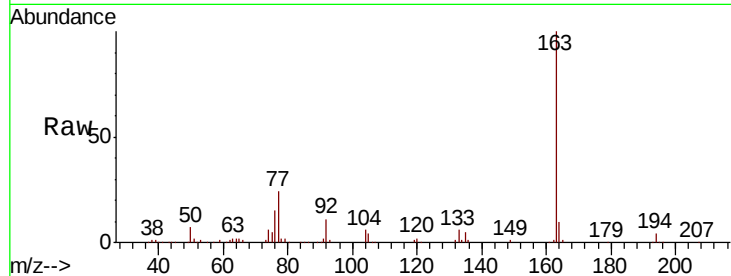




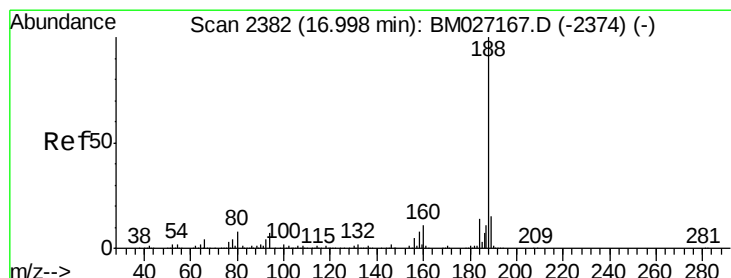
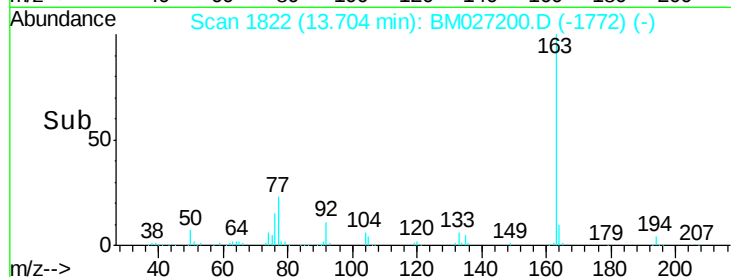
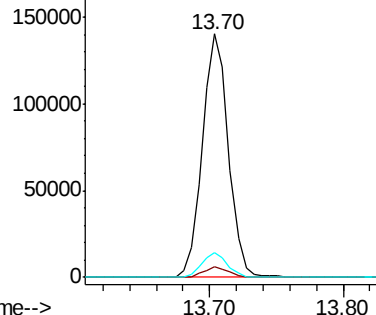
#50
Dimethylphthalate
Concen: 8.766 ng
RT: 13.70 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BM027200.D
Acq: 24 Aug 2020 18:49

Instrument :
BNA_M
ClientSampleId :
359RE

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.0	8.2	12.2

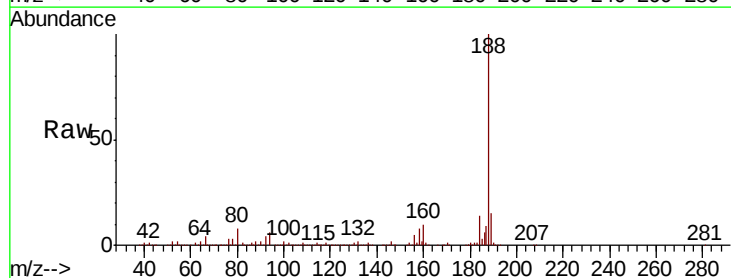


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

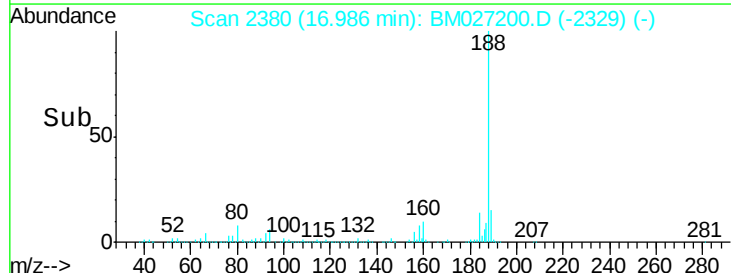
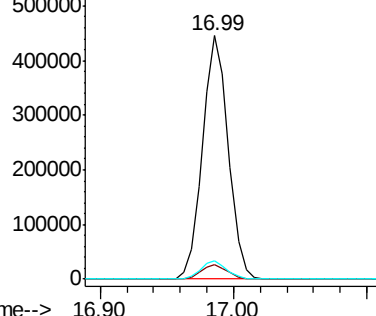


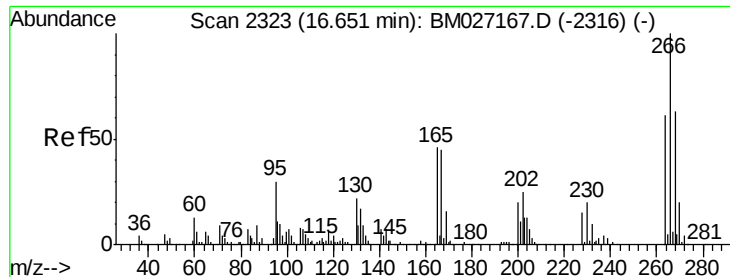
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BM027200.D
Acq: 24 Aug 2020 18:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.5	8.3
80	7.7	6.2	9.4



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

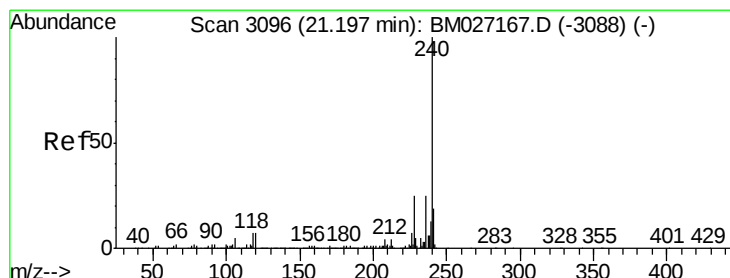
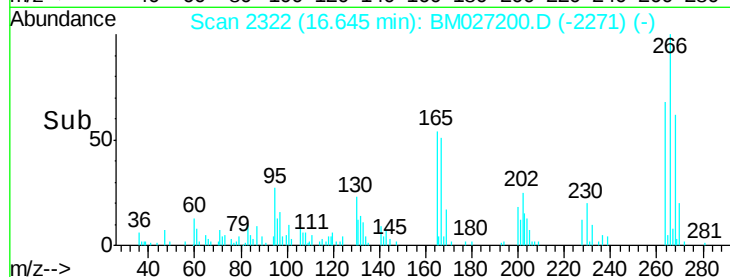
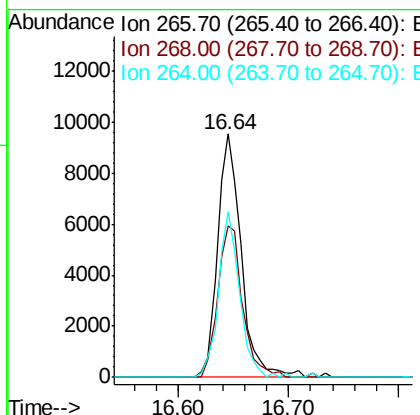
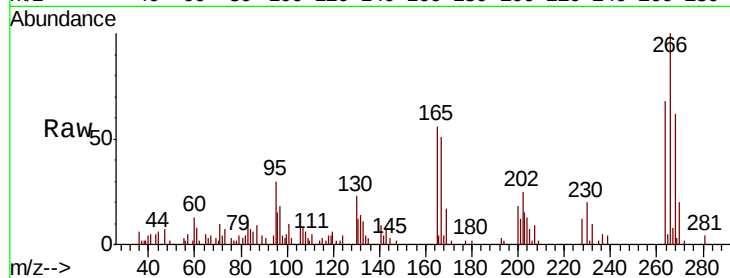




#70
 Pentachlorophenol
 Concen: 3.065 ng
 RT: 16.64 min Scan# 2322
 Delta R.T. 0.00 min
 Lab File: BM027200.D
 Acq: 24 Aug 2020 18:49

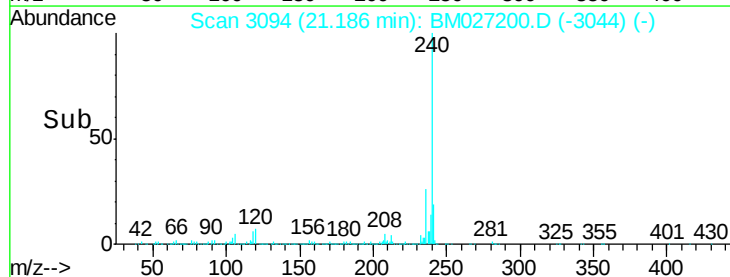
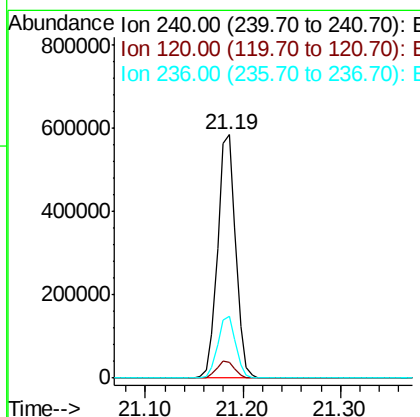
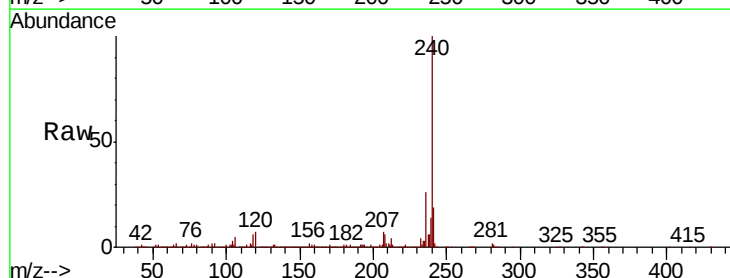
Instrument :
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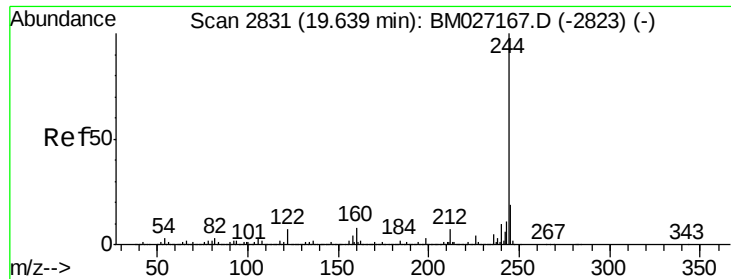
Tot Ion:266 Resp: 14282
 Ion Ratio Lower Upper
 266 100
 268 62.5 50.2 75.2
 264 67.9 49.1 73.7



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.19 min Scan# 3094
 Delta R.T. -0.01 min
 Lab File: BM027200.D
 Acq: 24 Aug 2020 18:49

Tgt Ion:240 Resp: 745276
 Ion Ratio Lower Upper
 240 100
 120 6.7 5.6 8.4
 236 25.6 19.8 29.6





#79

Terphenyl-d14

Concen: 31.451 ng

RT: 19.63 min Scan# 2829

Delta R.T. -0.01 min

Lab File: BM027200.D

Acq: 24 Aug 2020 18:49

Instrument :

BNA_M

ClientSampleId :

359RE

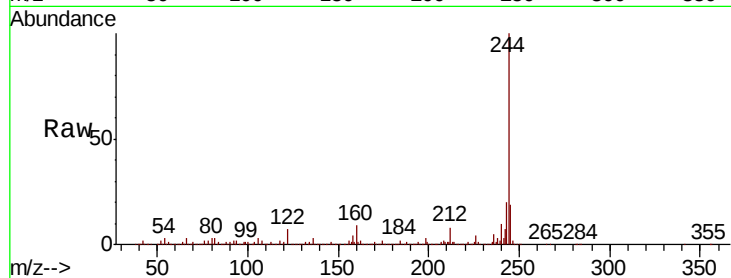
Tot Ion:244 Resp: 1254772

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

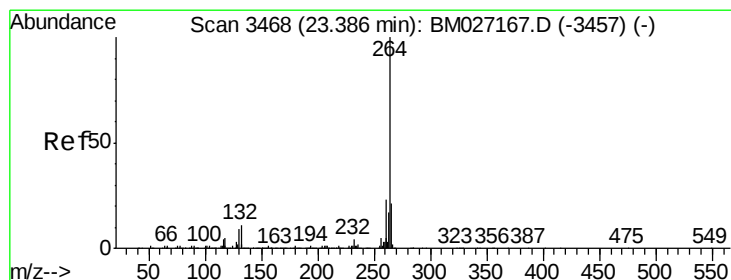
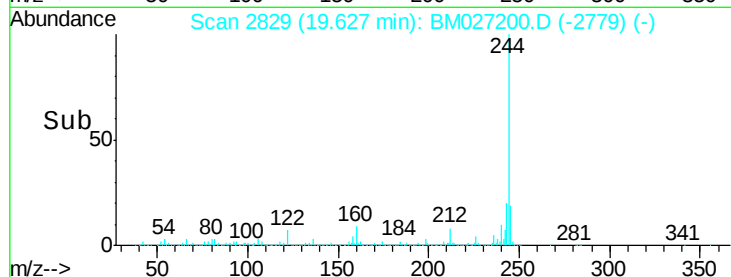
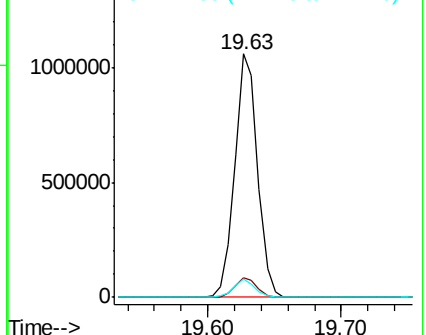
122 7.4 5.8 8.8



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.37 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BM027200.D

Acq: 24 Aug 2020 18:49

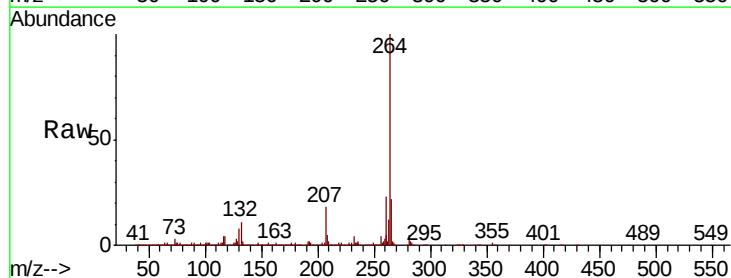
Tgt Ion:264 Resp: 866628

Ion Ratio Lower Upper

264 100

260 22.7 18.8 28.2

265 21.7 17.5 26.3



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

