

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060820\
 Data File : BM026298.D
 Acq On : 08 Jun 2020 21:58
 Operator : JU/CG
 Sample : L2812-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-060520

Quant Time: Jun 09 01:26:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 15:00:18 2020
 Response via : Initial Calibration

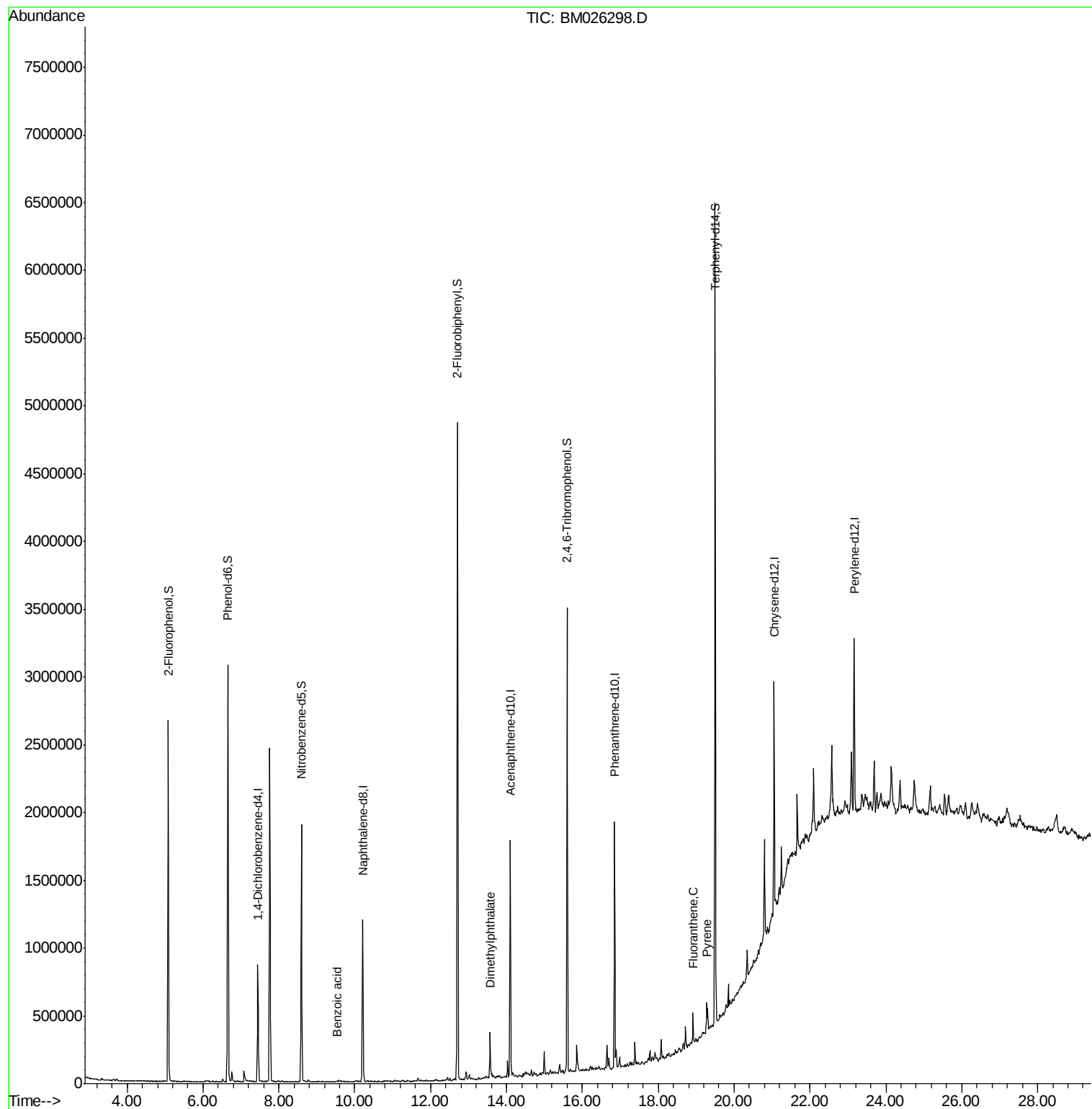
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	207549	20.00	ng	0.00
21) Naphthalene-d8	10.21	136	869969	20.00	ng	0.00
39) Acenaphthene-d10	14.10	164	519848	20.00	ng	0.00
64) Phenanthrene-d10	16.85	188	976086	20.00	ng	0.00
76) Chrysene-d12	21.06	240	739811	20.00	ng	0.00
86) Perylene-d12	23.17	264	803637	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1067196	90.91	ng	0.00
7) Phenol-d6	6.66	99	1574173	92.61	ng	0.01
23) Nitrobenzene-d5	8.59	82	1049505	59.23	ng	0.00
42) 2,4,6-Tribromophenol	15.60	330	579982	92.10	ng	0.01
45) 2-Fluorobiphenyl	12.71	172	2330642	68.06	ng	0.00
79) Terphenyl-d14	19.50	244	2694445	70.70	ng	0.00
Target Compounds						
32) Benzoic acid	9.55	122	251	5.187	ng	Qvalue # 71
50) Dimethylphthalate	13.57	163	192686	5.068	ng	99
75) Fluoranthene	18.92	202	130501	2.239	ng	97
78) Pyrene	19.28	202	123531	2.527	ng	98

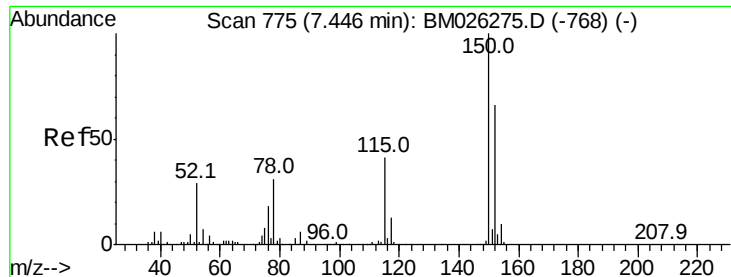
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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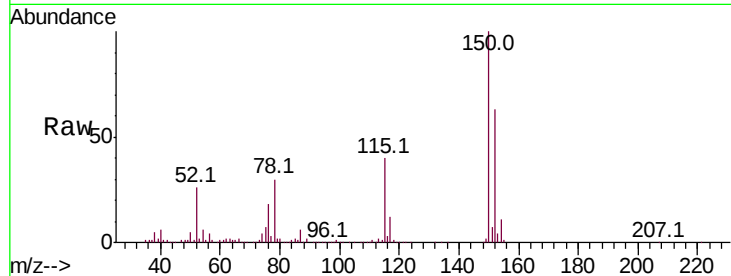


#1

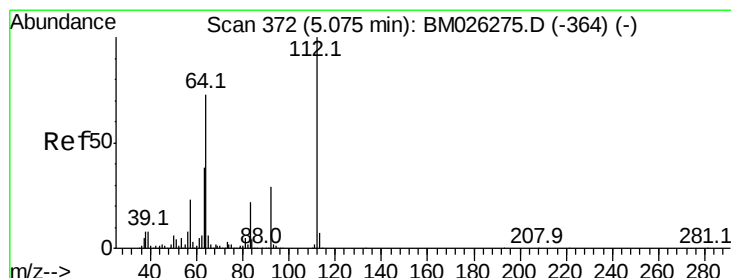
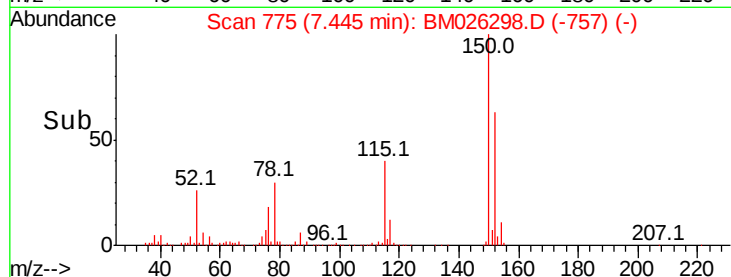
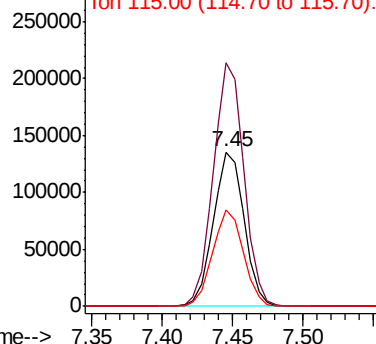
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. 0.01 min
Lab File: BM026298.D
Acq: 08 Jun 2020 21:58

Instrument :
BNA_M
ClientSampleId :
OK-01-060520

Tot Ion:152 Resp: 207549
Ion Ratio Lower Upper
152 100
150 157.6 122.1 183.1
115 62.7 49.7 74.5



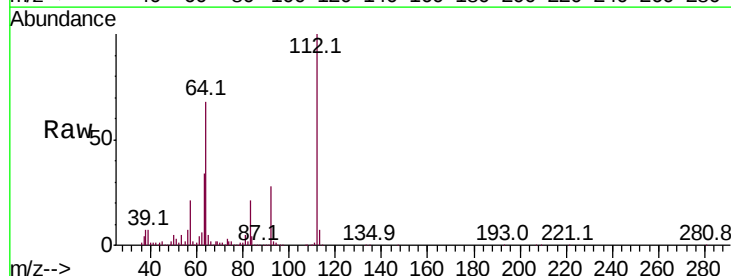
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



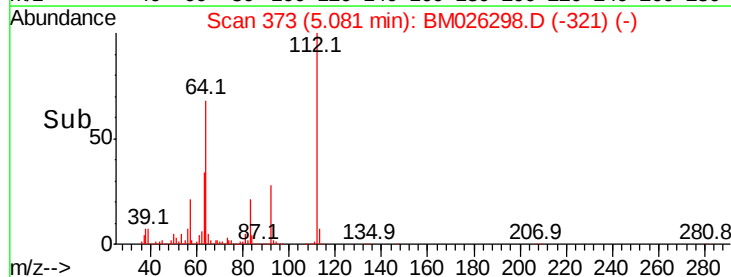
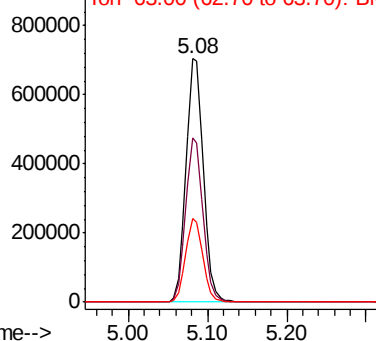
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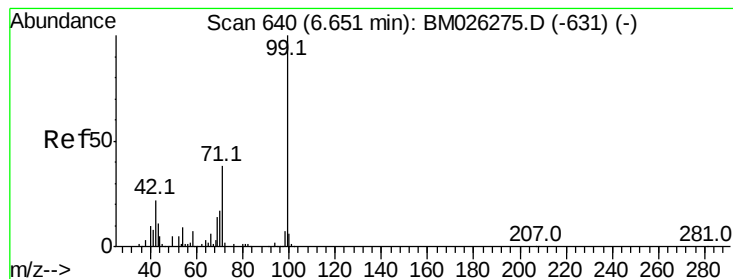
2-Fluorophenol
Concen: 90.911 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.01 min
Lab File: BM026298.D
Acq: 08 Jun 2020 21:58

Tgt Ion:112 Resp: 1067196
Ion Ratio Lower Upper
112 100
64 67.5 58.1 87.1
63 34.3 30.6 45.8



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: 92.606 ng

RT: 6.66 min Scan# 641

Delta R.T. 0.01 min

Lab File: BM026298.D

Acq: 08 Jun 2020 21:58

Instrument :

BNA_M

ClientSampled :

OK-01-060520

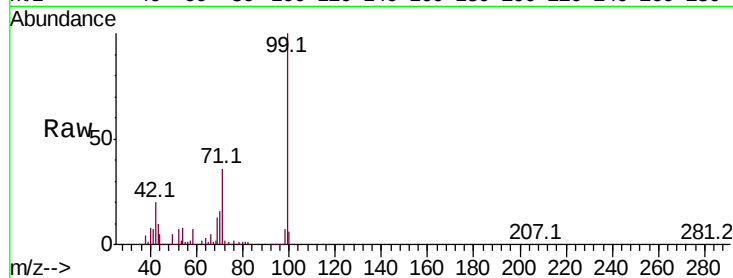
Tot Ion: 99 Resp: 1574173

Ion Ratio Lower Upper

99 100

42 19.7 18.0 27.0

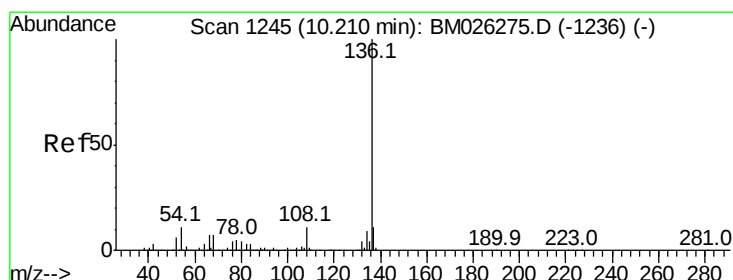
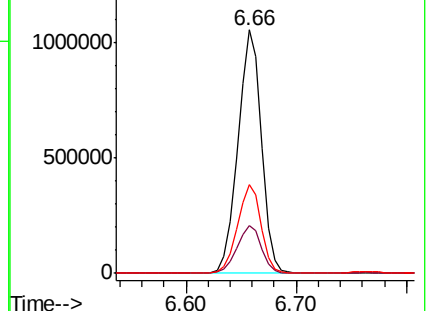
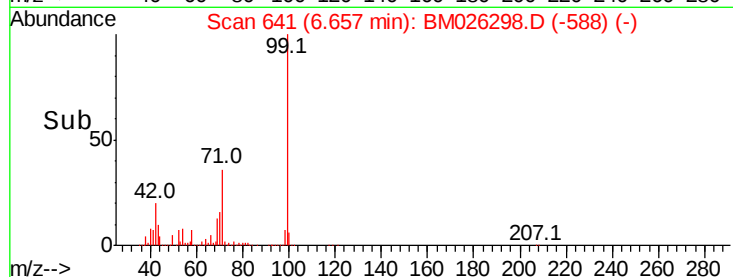
71 36.4 30.6 45.8



Abundance Ion 99.00 (98.70 to 99.70): BM026275.D (-631) (-)

Ion 42.00 (41.70 to 42.70): BM026275.D (-631) (-)

Ion 71.00 (70.70 to 71.70): BM026275.D (-631) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.21 min Scan# 1245

Delta R.T. 0.01 min

Lab File: BM026298.D

Acq: 08 Jun 2020 21:58

Tgt Ion: 136 Resp: 869969

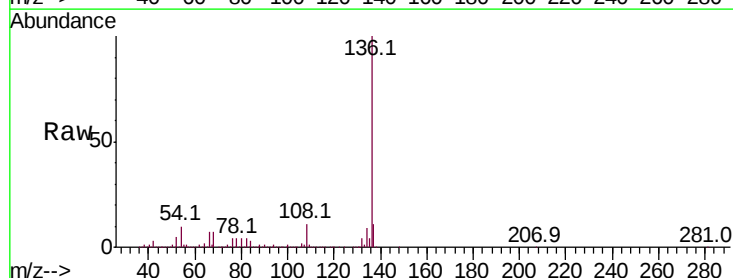
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 10.0 9.0 13.4

68 7.3 5.6 8.4

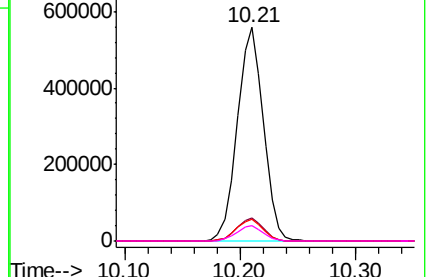
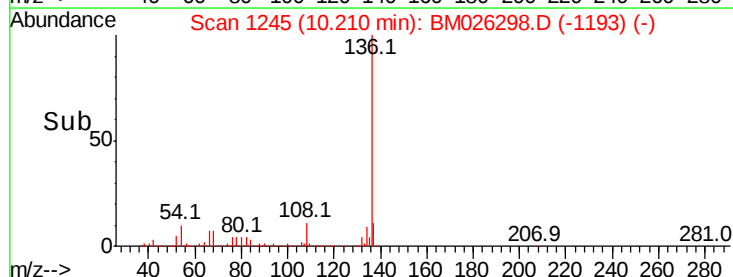


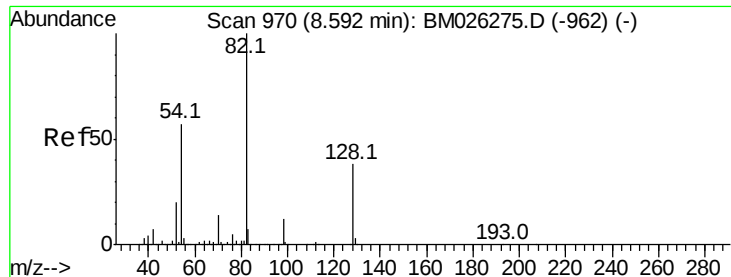
Abundance Ion 136.00 (135.70 to 136.70): BM026275.D (-1236) (-)

Ion 137.00 (136.70 to 137.70): BM026275.D (-1236) (-)

Ion 54.00 (53.70 to 54.70): BM026275.D (-1236) (-)

Ion 68.00 (67.70 to 68.70): BM026275.D (-1236) (-)

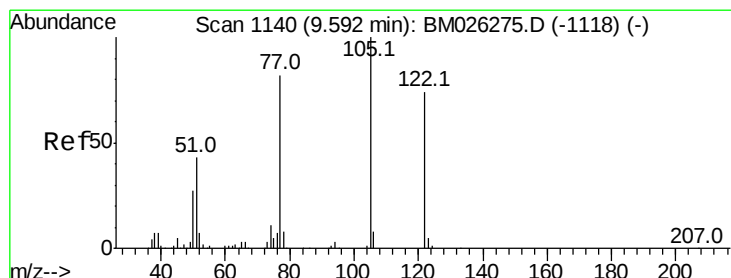
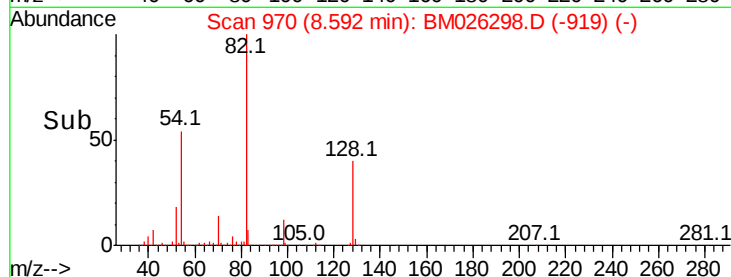
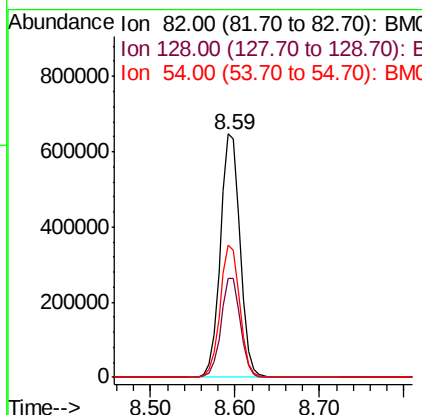
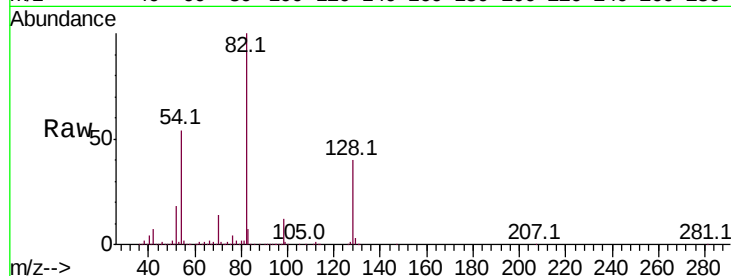




#23
Nitrobenzene-d5
Concen: 59.233 ng
RT: 8.59 min Scan# 970
Delta R.T. 0.00 min
Lab File: BM026298.D
Acq: 08 Jun 2020 21:58

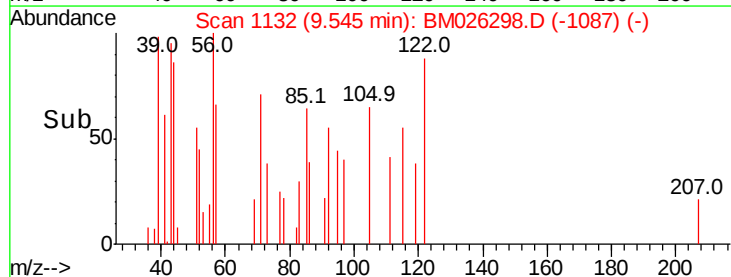
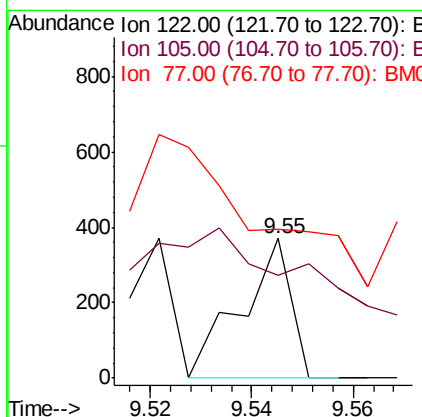
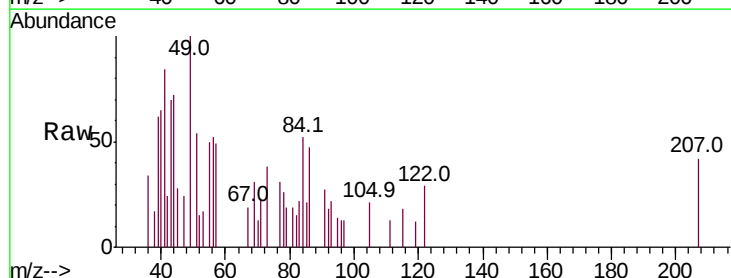
Instrument :
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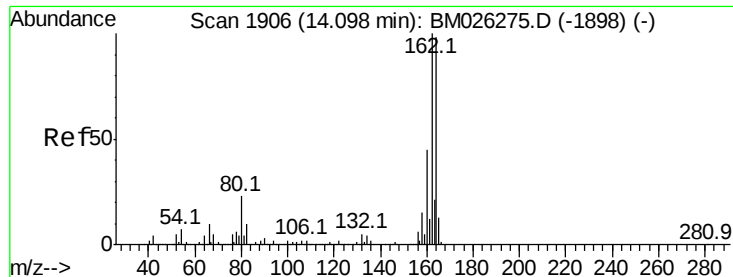
Tot Ion: 82 Resp: 1049505
Ion Ratio Lower Upper
82 100
128 40.4 30.3 45.5
54 54.1 45.4 68.2



#32
Benzoic acid
Concen: 5.187 ng
RT: 9.55 min Scan# 1132
Delta R.T. -0.04 min
Lab File: BM026298.D
Acq: 08 Jun 2020 21:58

Tgt Ion: 122 Resp: 251
Ion Ratio Lower Upper
122 100
105 73.6 112.4 152.4#
77 106.2 89.8 129.8

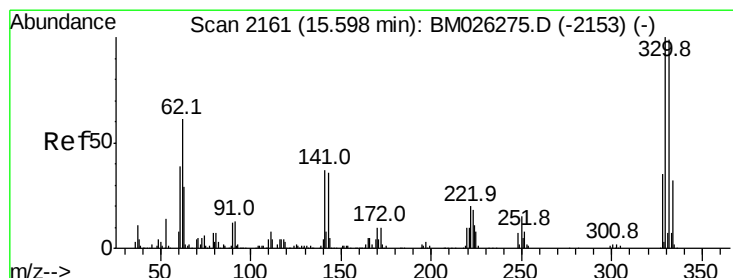
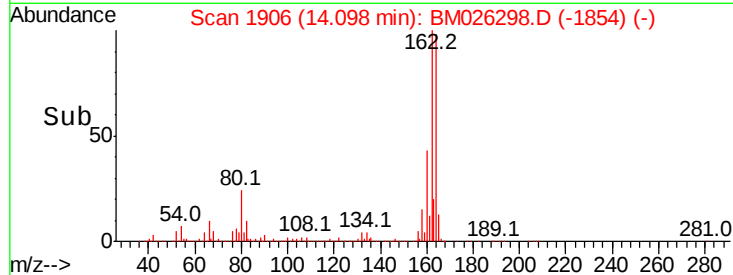
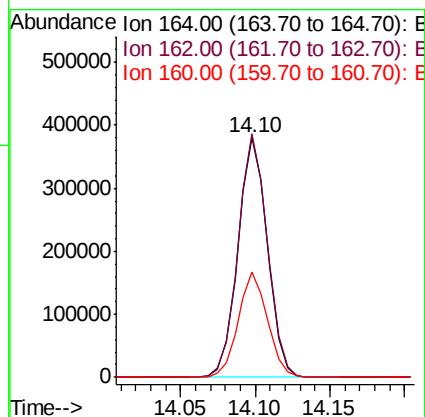
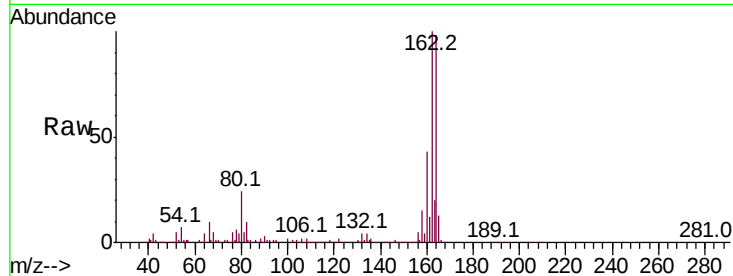




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.10 min Scan# 1906
Delta R.T. 0.01 min
Lab File: BM026298.D
Acq: 08 Jun 2020 21:58

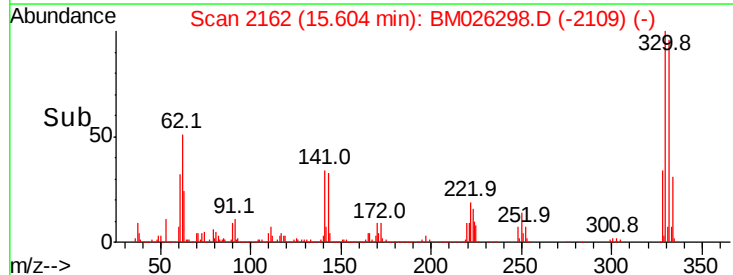
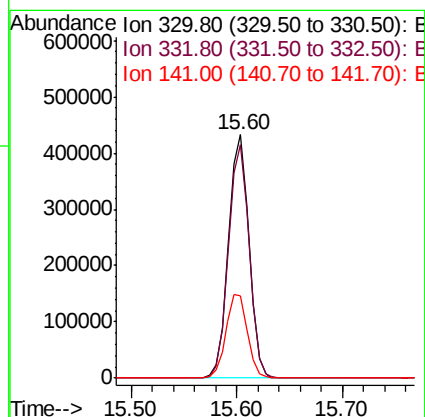
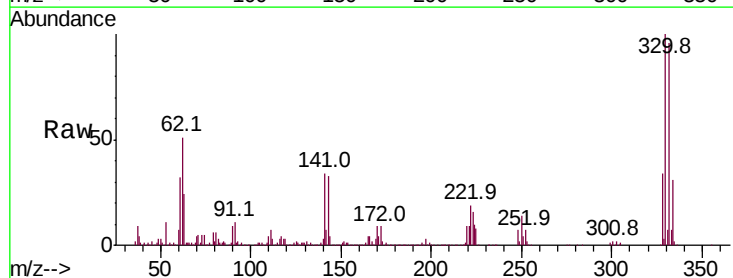
Instrument :
BNA_M
ClientSampleId :
OK-01-060520

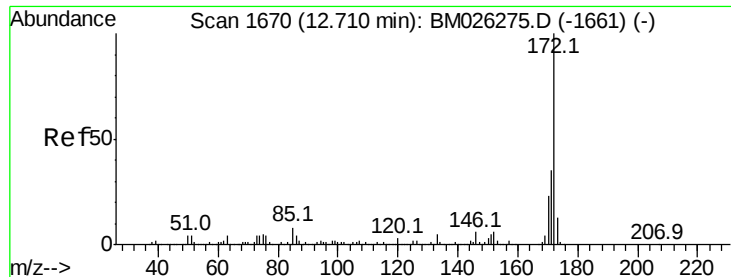
Tot Ion:164 Resp: 519848
Ion Ratio Lower Upper
164 100
162 101.7 81.4 122.2
160 43.9 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 92.102 ng
RT: 15.60 min Scan# 2162
Delta R.T. 0.01 min
Lab File: BM026298.D
Acq: 08 Jun 2020 21:58

Tgt Ion:330 Resp: 579982
Ion Ratio Lower Upper
330 100
332 96.6 78.1 117.1
141 35.6 30.0 45.0

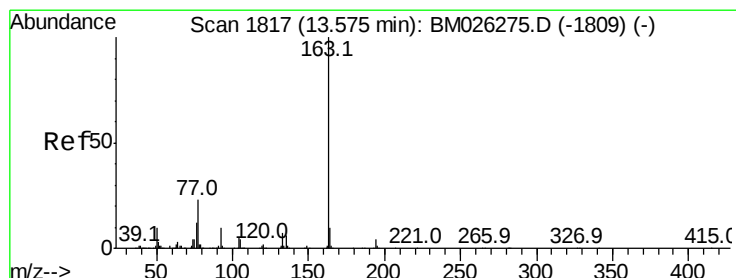
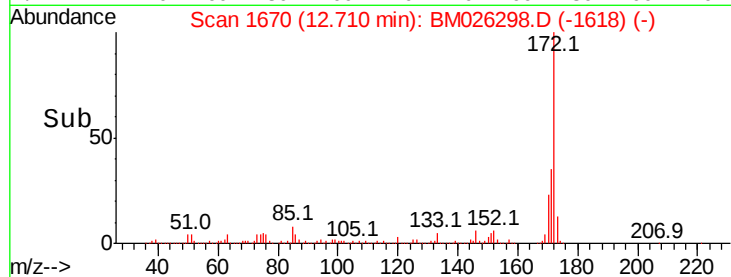
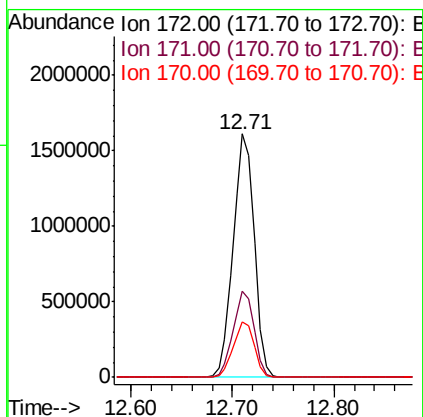
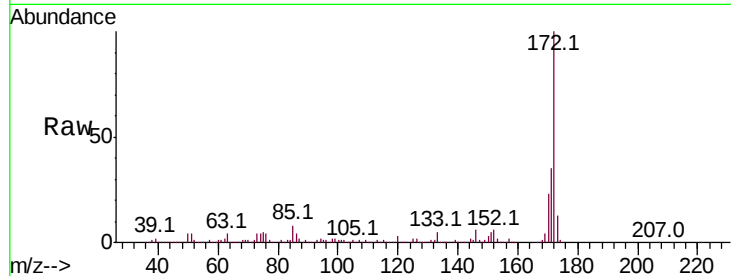




#45
2-Fluorobiphenyl
Concen: 68.055 ng
RT: 12.71 min Scan# 1670
Delta R.T. 0.01 min
Lab File: BM026298.D
Acq: 08 Jun 2020 21:58

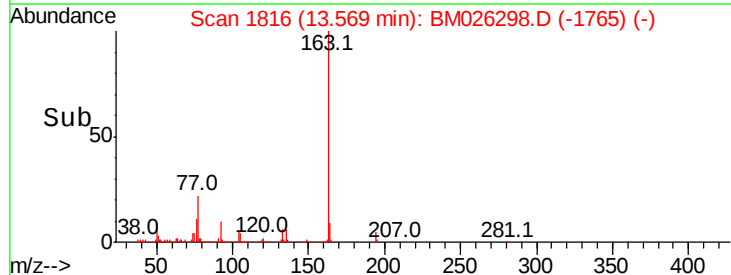
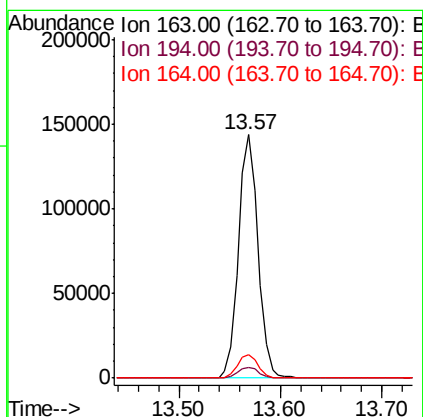
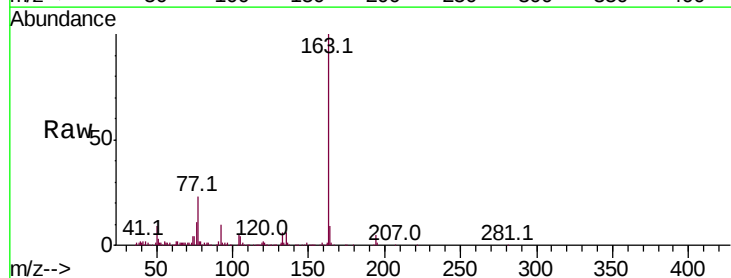
Instrument :
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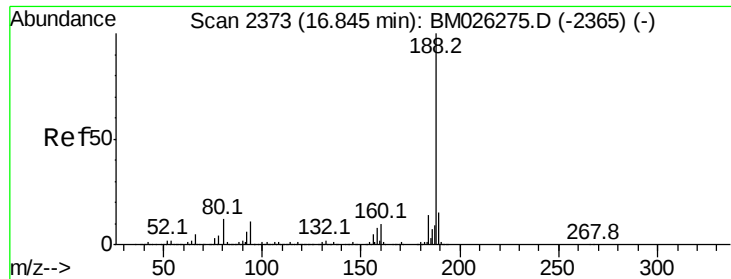
Tot Ion:172 Resp: 2330642
Ion Ratio Lower Upper
172 100
171 35.2 28.2 42.2
170 22.9 18.3 27.5



#50
Dimethylphthalate
Concen: 5.068 ng
RT: 13.57 min Scan# 1816
Delta R.T. 0.00 min
Lab File: BM026298.D
Acq: 08 Jun 2020 21:58

Tgt Ion:163 Resp: 192686
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 9.4 8.0 12.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.85 min Scan# 2374

Delta R.T. 0.01 min

Lab File: BM026298.D

Acq: 08 Jun 2020 21:58

Instrument :

BNA_M

ClientSampleId :

OK-01-060520

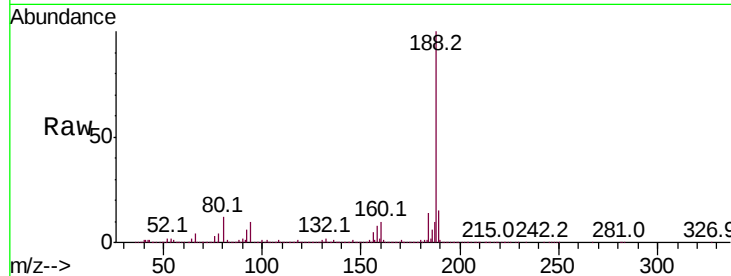
Tot Ion:188 Resp: 976086

Ion Ratio Lower Upper

188 100

94 9.8 8.6 12.8

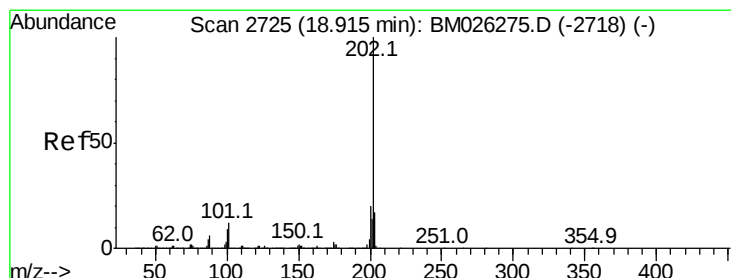
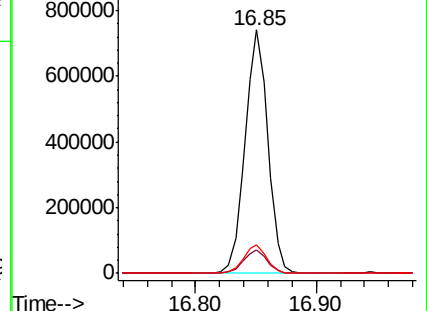
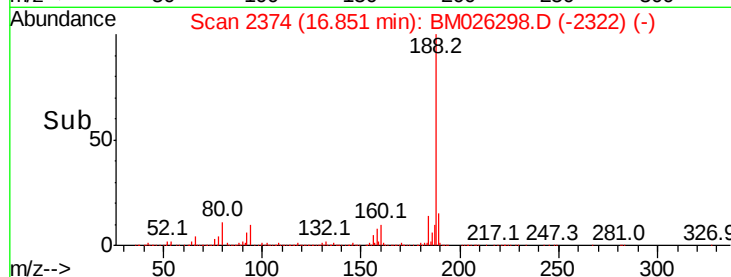
80 11.5 9.7 14.5



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



#75

Fluoranthene

Concen: 2.239 ng

RT: 18.92 min Scan# 2725

Delta R.T. 0.01 min

Lab File: BM026298.D

Acq: 08 Jun 2020 21:58

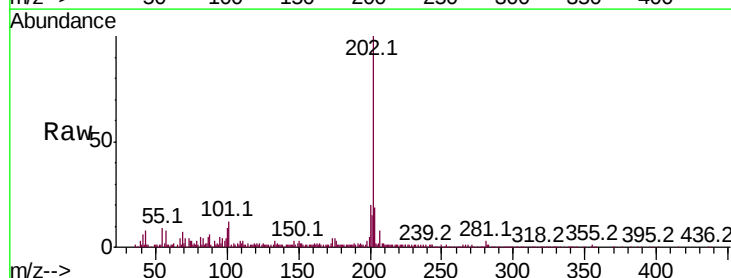
Tgt Ion:202 Resp: 130501

Ion Ratio Lower Upper

202 100

101 12.1 0.0 31.6

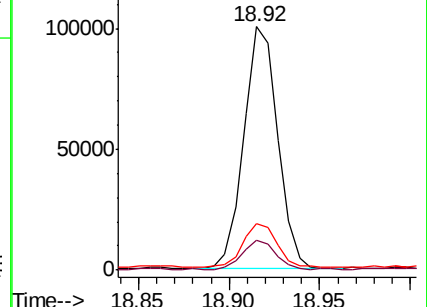
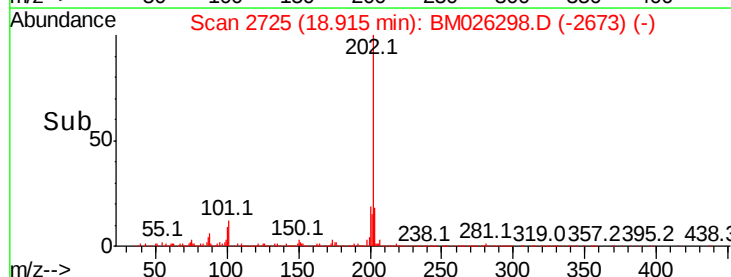
203 19.2 0.0 37.4

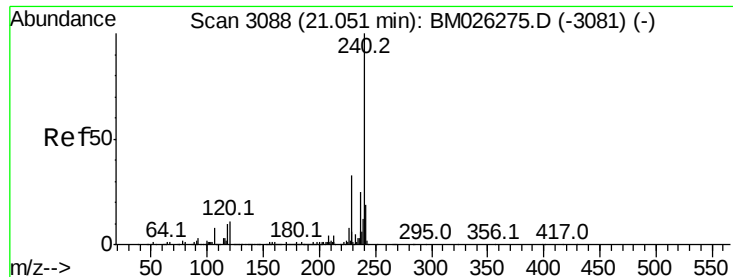


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

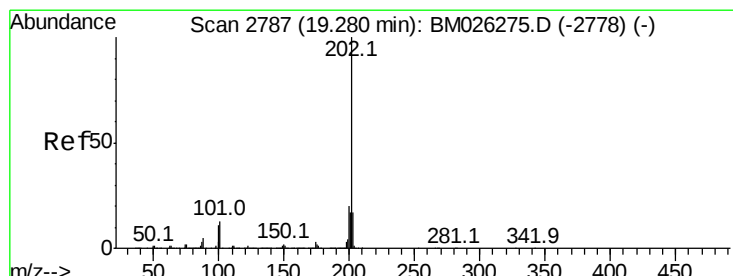
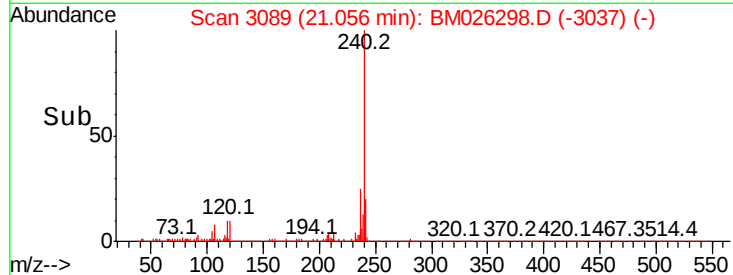
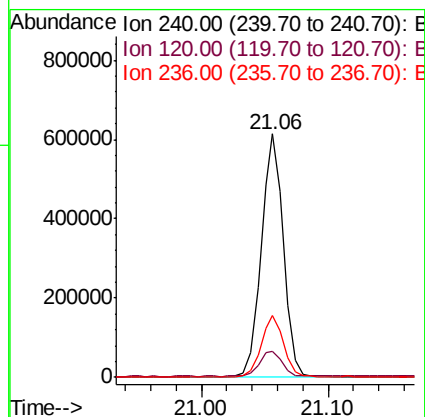
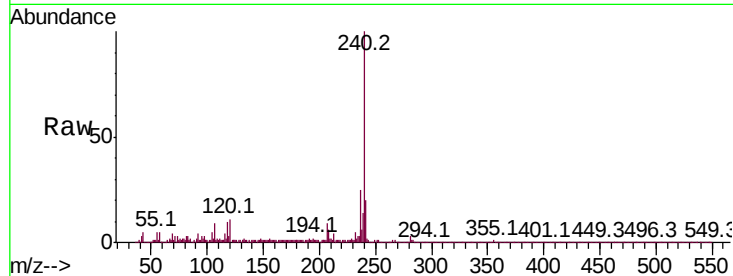




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.06 min Scan# 3089
 Delta R.T. 0.01 min
 Lab File: BM026298.D
 Acq: 08 Jun 2020 21:58

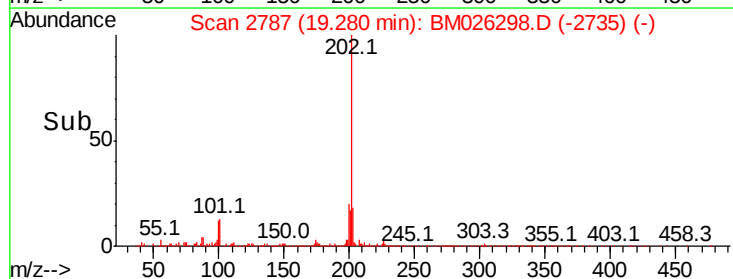
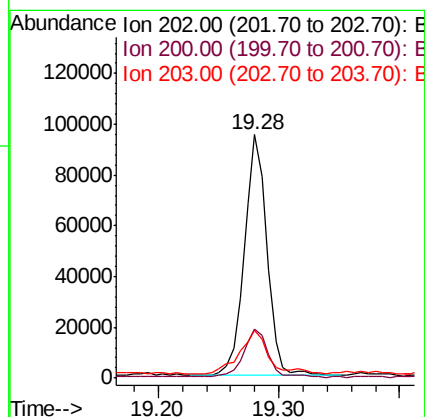
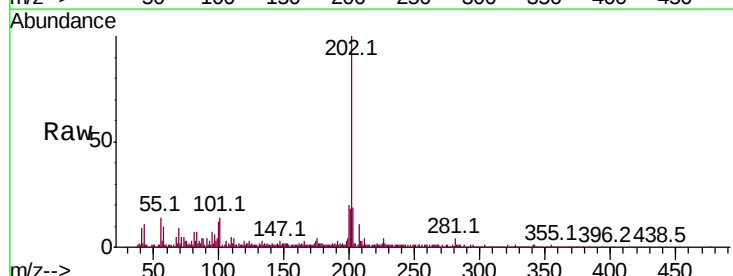
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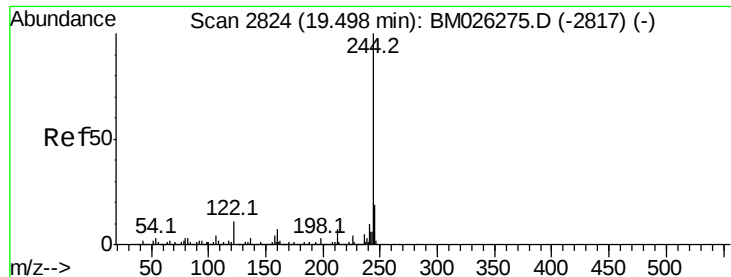
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.9	13.3
236	25.4	19.7	29.5



#78
 Pyrene
 Concen: 2.527 ng
 RT: 19.28 min Scan# 2787
 Delta R.T. 0.01 min
 Lab File: BM026298.D
 Acq: 08 Jun 2020 21:58

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.4
203	19.5	13.8	20.8





#79

Terphenyl-d14

Concen: 70.699 ng

RT: 19.50 min Scan# 2825

Delta R.T. 0.01 min

Lab File: BM026298.D

Acq: 08 Jun 2020 21:58

Instrument :

BNA_M

ClientSampleId :

OK-01-060520

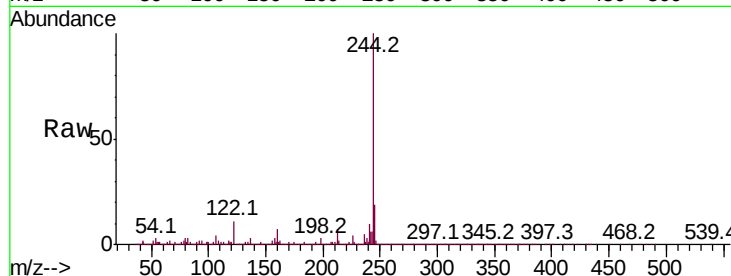
Tot Ion:244 Resp: 2694445

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

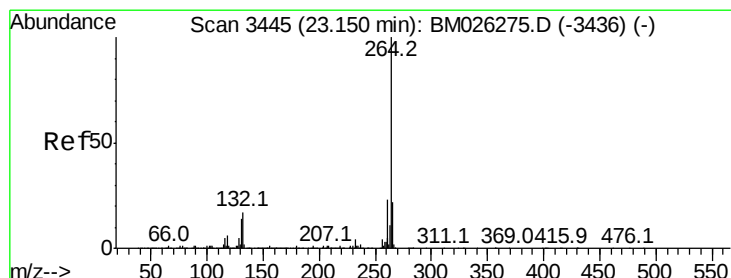
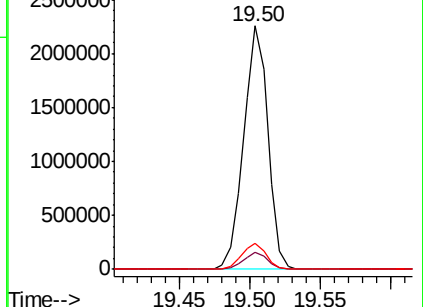
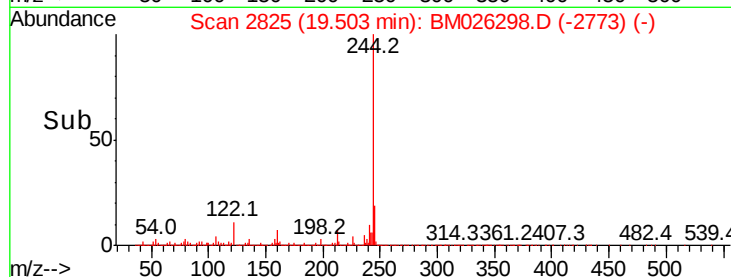
122 10.8 9.1 13.7



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: 23.17 min Scan# 3448

Delta R.T. 0.02 min

Lab File: BM026298.D

Acq: 08 Jun 2020 21:58

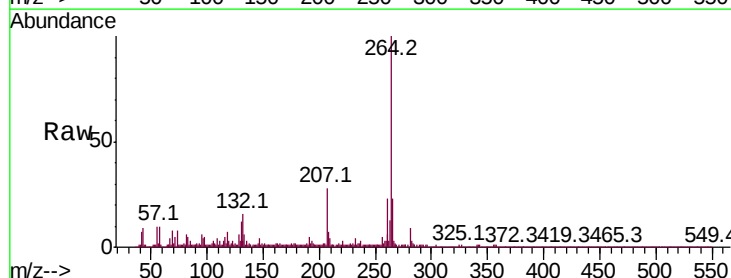
Tgt Ion:264 Resp: 803637

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 23.1 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

