

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
 Data File : BM019066.D
 Acq On : 06 Mar 2019 11:12
 Operator : JU/SJ
 Sample : K1705-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B105-022719

Quant Time: Mar 06 15:59:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 05 03:36:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	238942	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	850354	20.00	ng	-0.01
39) Acenaphthene-d10	14.33	164	411597	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	822141	20.00	ng	0.00
76) Chrysene-d12	21.27	240	948622	20.00	ng	-0.01
87) Perylene-d12	23.52	264	1125066	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	1938625	132.94	ng	0.00
7) Phenol-d6	6.86	99	2546584	123.96	ng	0.00
23) Nitrobenzene-d5	8.84	82	1593077	86.62	ng	-0.01
42) 2,4,6-Tribromophenol	15.83	330	697909	117.63	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	2458371	79.29	ng	-0.01
79) Terphenyl-d14	19.72	244	2873230	62.48	ng	-0.01

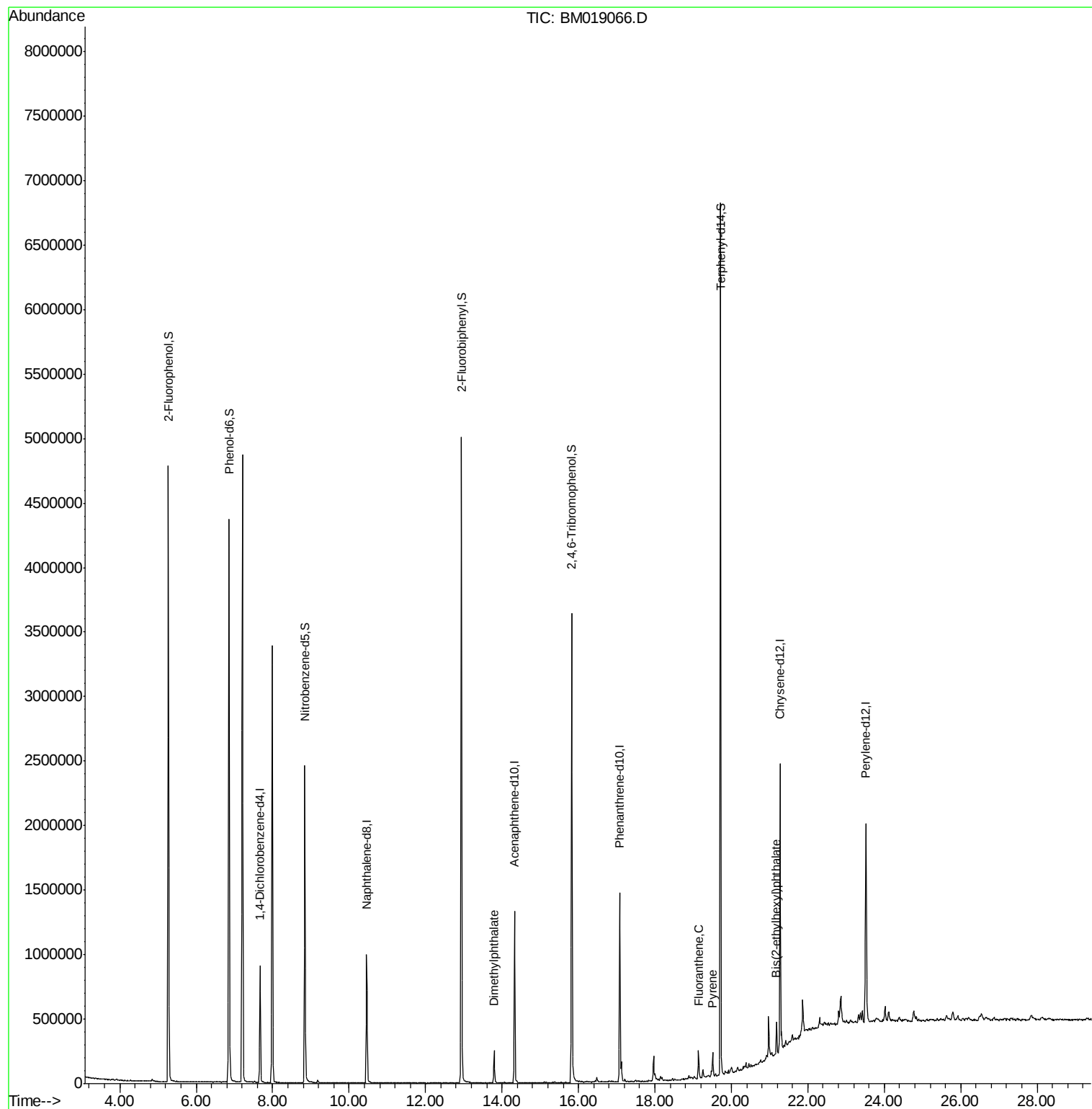
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.86	77	6838	Below Cal		# 22
50) Dimethylphthalate	13.79	163	169358	4.937	ng	99
75) Fluoranthene	19.14	202	113684	2.227	ng	99
78) Pyrene	19.51	202	112289	2.038	ng	98
84) Bis(2-ethylhexyl)phthalate	21.19	149	84763	2.306	ng	97

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

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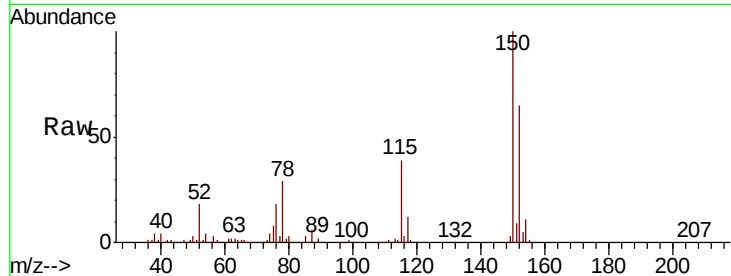


#1

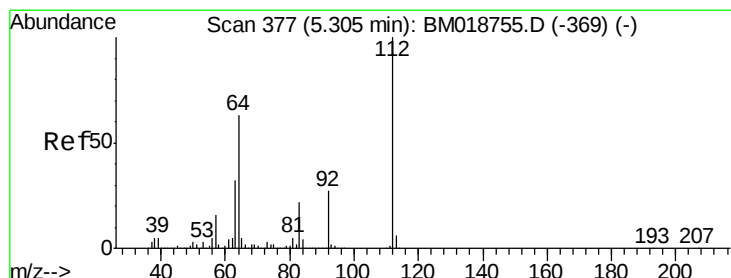
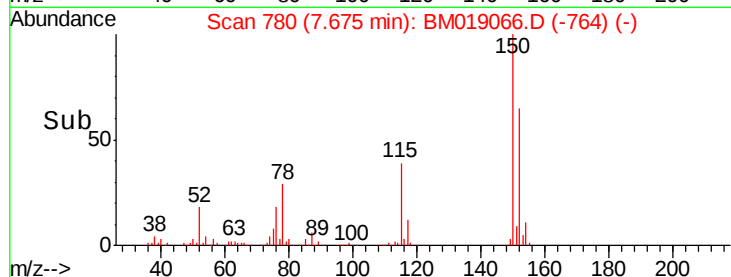
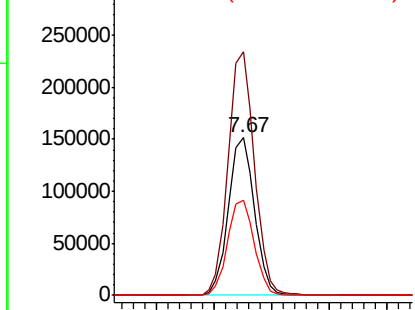
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BM019066.D
Acq: 06 Mar 2019 11:12

Instrument :
BNA_M
ClientSampleId :
PST-028-B105-022719

Tot Ion:152 Resp: 238942
Ion Ratio Lower Upper
152 100
150 154.4 127.3 190.9
115 60.6 50.8 76.2



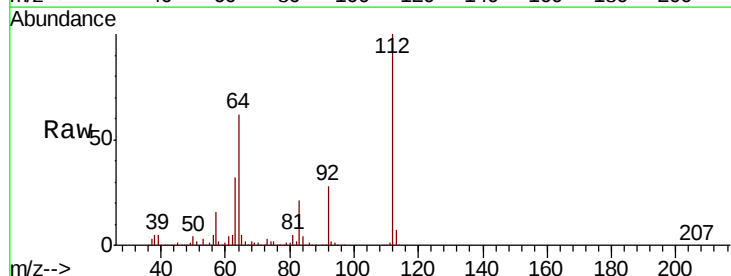
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



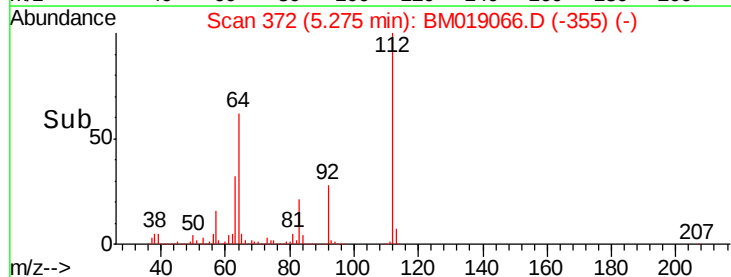
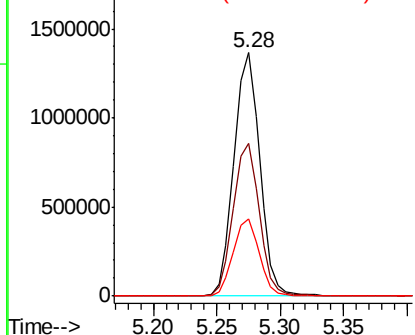
#5

2-Fluorophenol
Concen: 132.935 ng
RT: 5.28 min Scan# 372
Delta R.T. -0.00 min
Lab File: BM019066.D
Acq: 06 Mar 2019 11:12

Tgt Ion:112 Resp: 1938625
Ion Ratio Lower Upper
112 100
64 62.5 50.6 75.8
63 31.5 25.7 38.5



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: 123.957 ng

RT: 6.86 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM019066.D

Acq: 06 Mar 2019 11:12

Instrument :

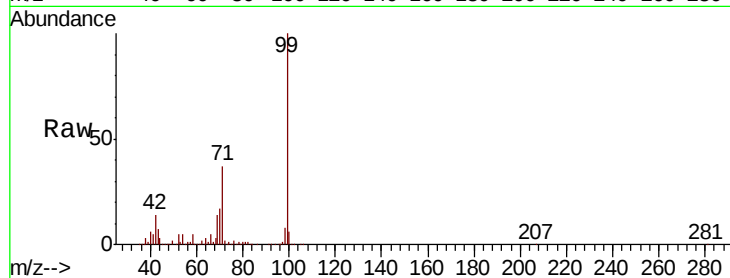
BNA_M

ClientSampleId :

PST-028-B105-022719

Tot Ion: 99 Resp: 2546584

Ion	Ratio	Lower	Upper
99	100		
42	13.6	11.0	16.6
71	36.8	31.3	46.9

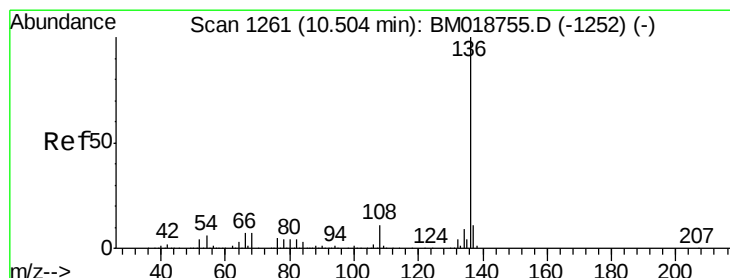
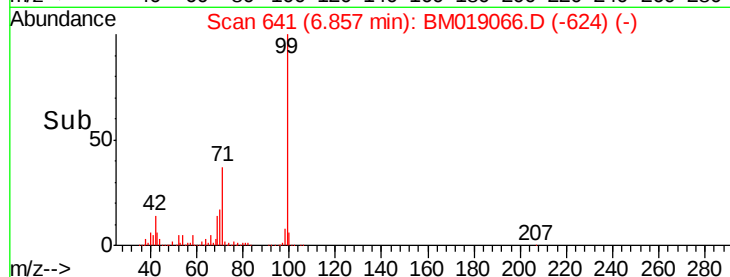
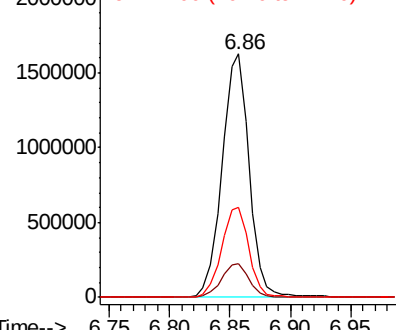


Abundance

Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1253

Delta R.T. -0.01 min

Lab File: BM019066.D

Acq: 06 Mar 2019 11:12

Tgt Ion: 136 Resp: 850354

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.8	5.0	7.6
68	7.1	5.5	8.3

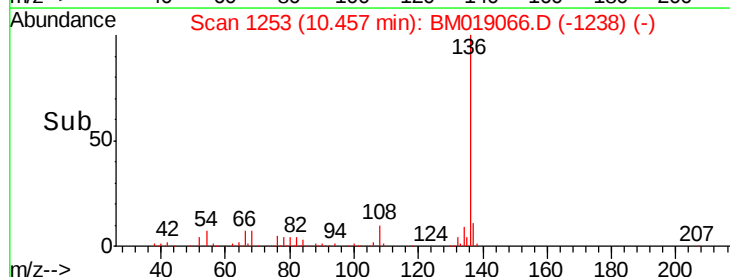
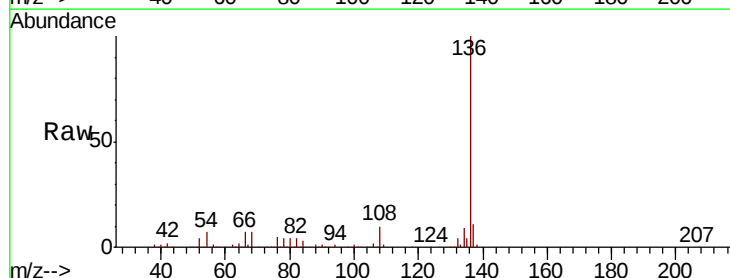
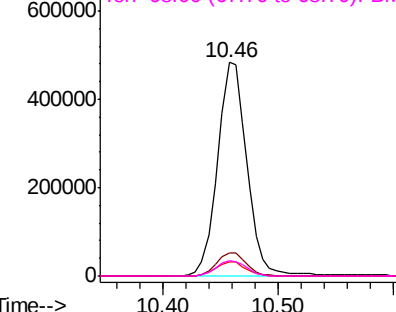
Abundance

Ion 136.00 (135.70 to 136.70): BM018755.D (-1252) (-)

Ion 137.00 (136.70 to 137.70): BM018755.D (-1252) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-1252) (-)

Ion 68.00 (67.70 to 68.70): BM018755.D (-1252) (-)

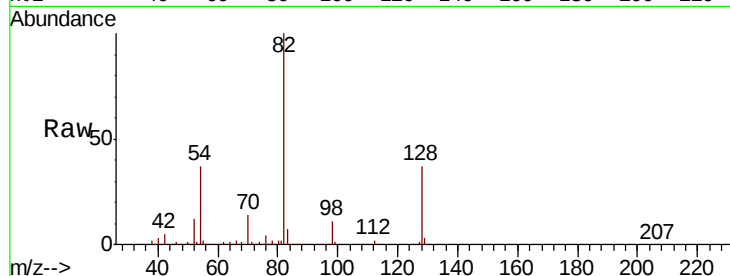




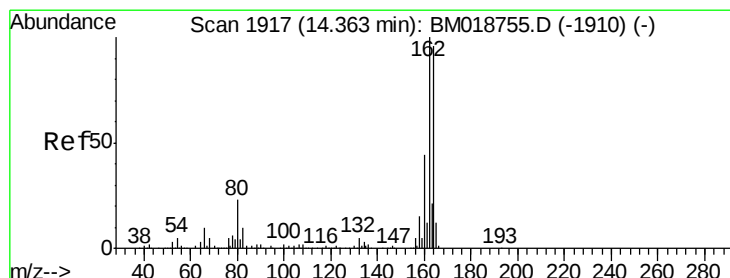
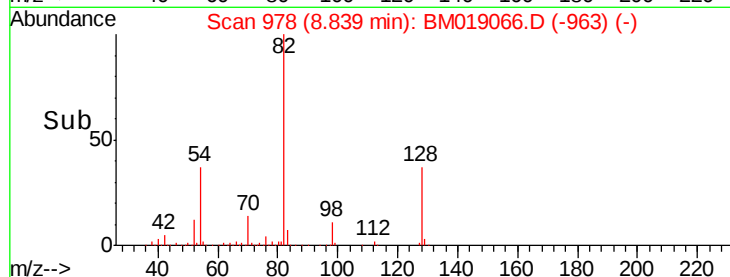
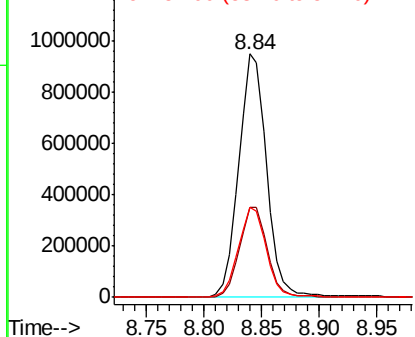
#23
Nitrobenzene-d5
Concen: 86.625 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BM019066.D
Acq: 06 Mar 2019 11:12

Instrument :
BNA_M
ClientSampleId :
PST-028-B105-022719

Tot Ion: 82 Resp: 1593077
Ion Ratio Lower Upper
82 100
128 36.8 29.9 44.9
54 37.0 29.1 43.7

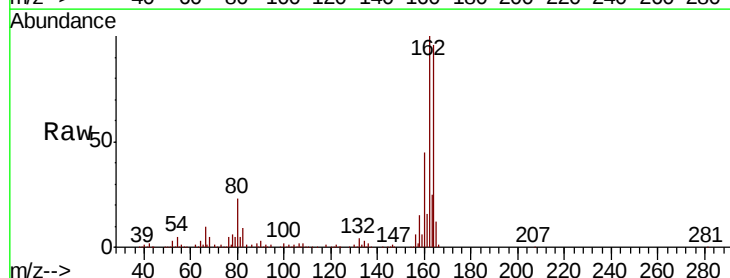


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)
Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)
Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)

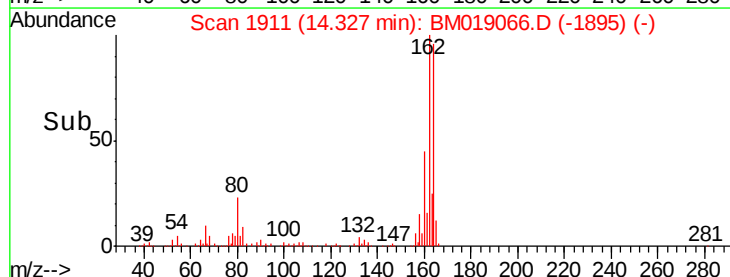
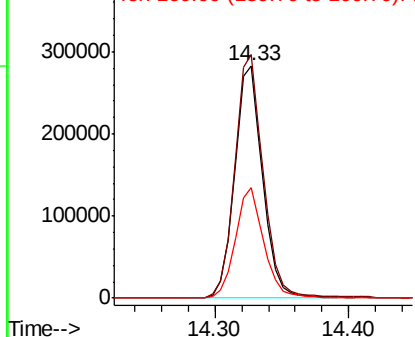


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM019066.D
Acq: 06 Mar 2019 11:12

Tgt Ion:164 Resp: 411597
Ion Ratio Lower Upper
164 100
162 104.7 83.4 125.0
160 47.4 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): BM018755.D (-1910) (-)
Ion 162.00 (161.70 to 162.70): BM018755.D (-1910) (-)
Ion 160.00 (159.70 to 160.70): BM018755.D (-1910) (-)





#42

2,4,6-Tribromophenol

Concen: 117.631 ng

RT: 15.83 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BM019066.D

Acq: 06 Mar 2019 11:12

Instrument :

BNA_M

ClientSampleId :

PST-028-B105-022719

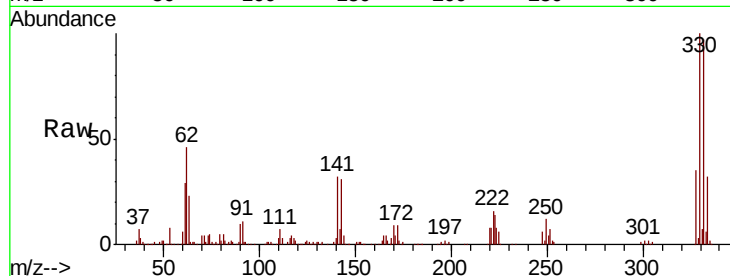
Tot Ion:330 Resp: 697909

Ion Ratio Lower Upper

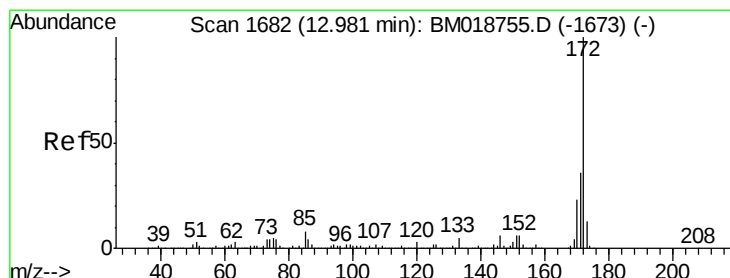
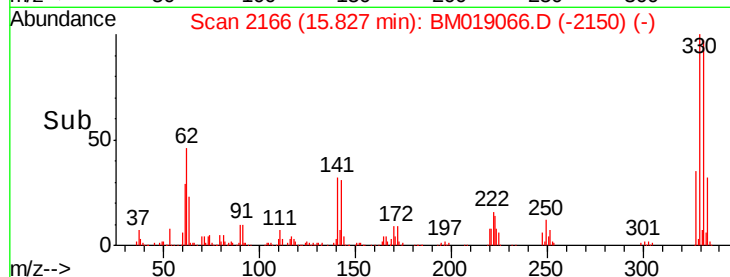
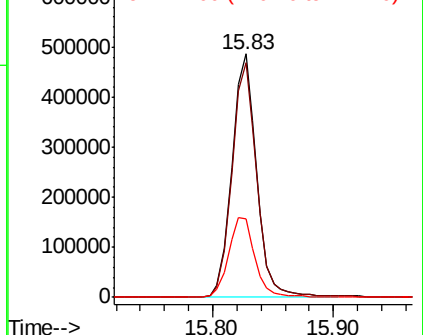
330 100

332 96.8 76.9 115.3

141 34.7 28.7 43.1



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: 79.287 ng

RT: 12.94 min Scan# 1675

Delta R.T. -0.01 min

Lab File: BM019066.D

Acq: 06 Mar 2019 11:12

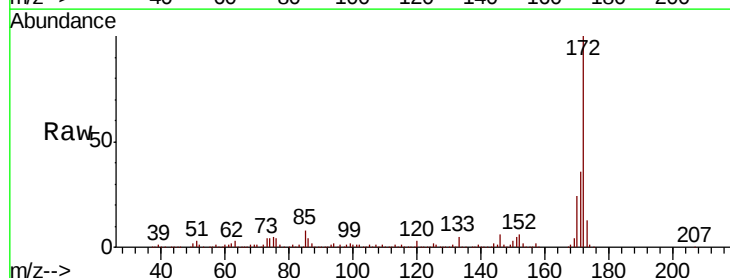
Tgt Ion:172 Resp: 2458371

Ion Ratio Lower Upper

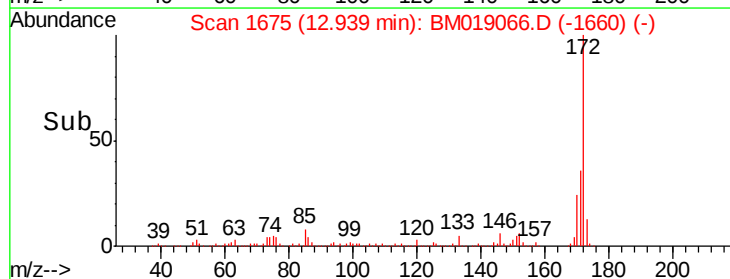
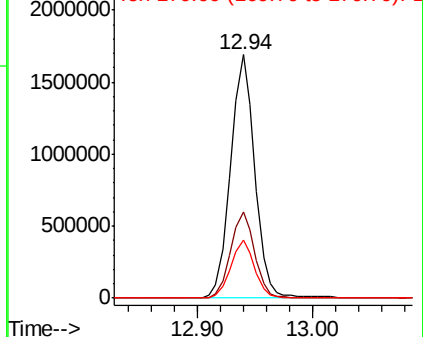
172 100

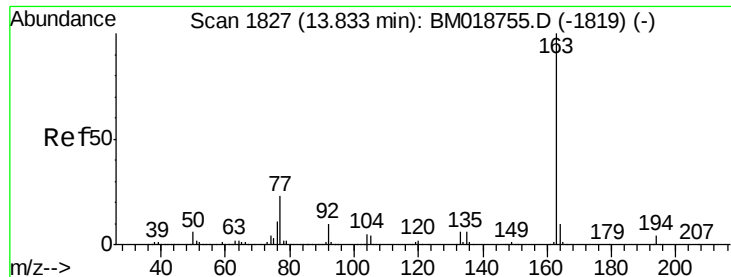
171 35.7 29.0 43.6

170 23.7 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: 4.937 ng

RT: 13.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BM019066.D

Acq: 06 Mar 2019 11:12

Instrument :

BNA_M

ClientSampleId :

PST-028-B105-022719

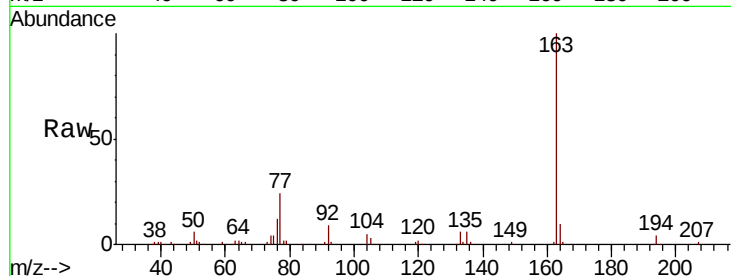
Tot Ion:163 Resp: 169358

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

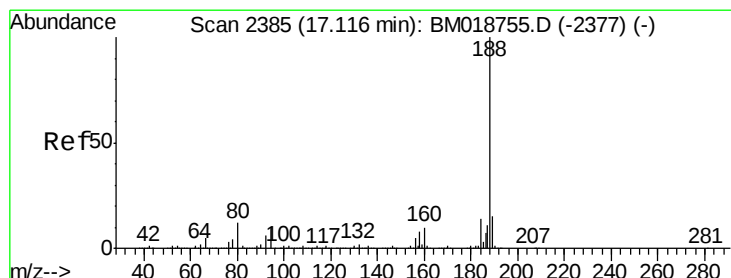
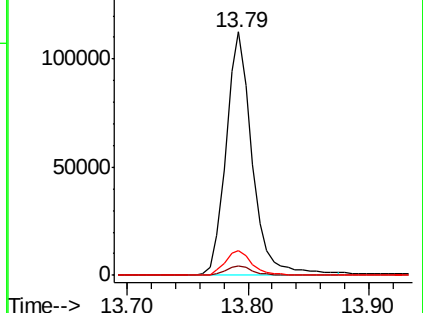
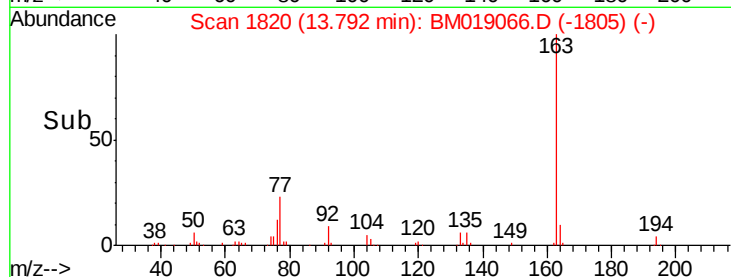
164 10.0 7.8 11.8



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: 17.08 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BM019066.D

Acq: 06 Mar 2019 11:12

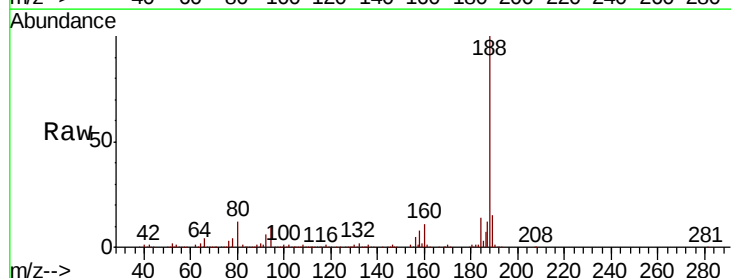
Tgt Ion:188 Resp: 822141

Ion Ratio Lower Upper

188 100

94 10.5 8.2 12.2

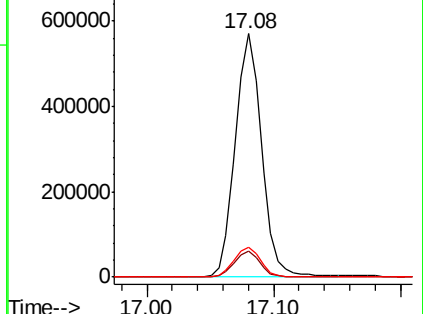
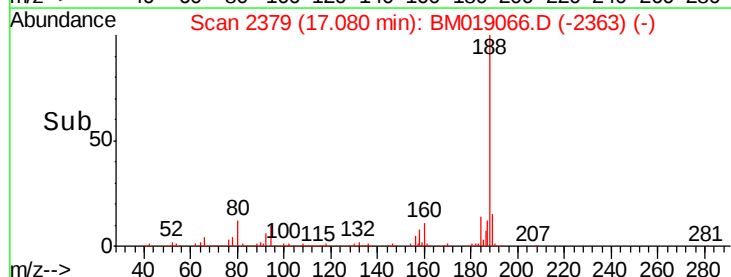
80 12.5 9.7 14.5

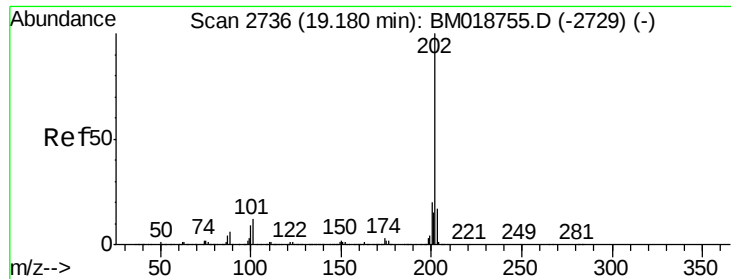


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Fluoranthene

Concen: 2.227 ng

RT: 19.14 min Scan# 2730

Delta R.T. -0.01 min

Lab File: BM019066.D

Acq: 06 Mar 2019 11:12

Instrument :

BNA_M

ClientSampleId :

PST-028-B105-022719

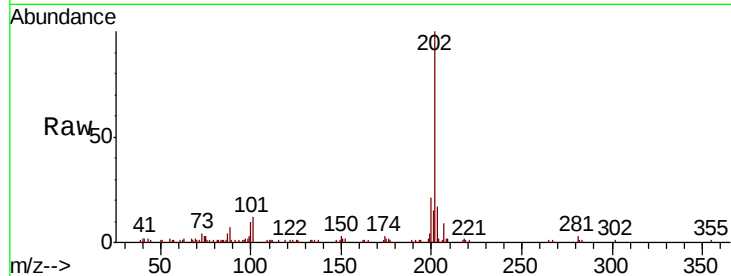
Tot Ion:202 Resp: 113684

Ion Ratio Lower Upper

202 100

101 12.5 0.0 31.5

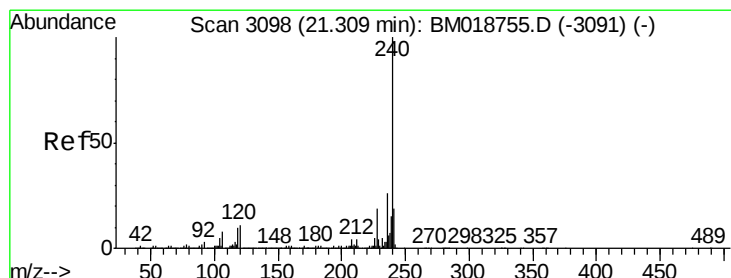
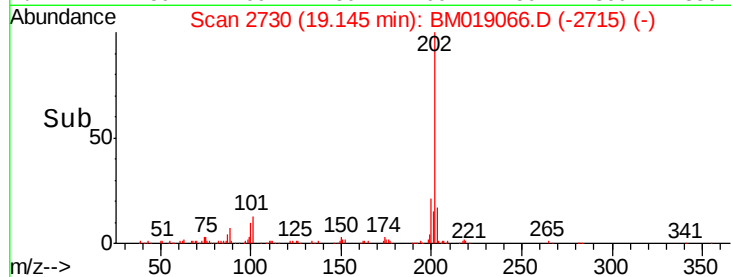
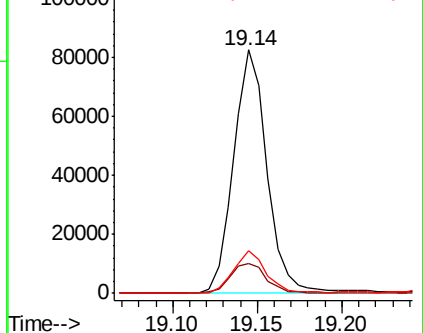
203 17.4 0.0 37.3



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: 21.27 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM019066.D

Acq: 06 Mar 2019 11:12

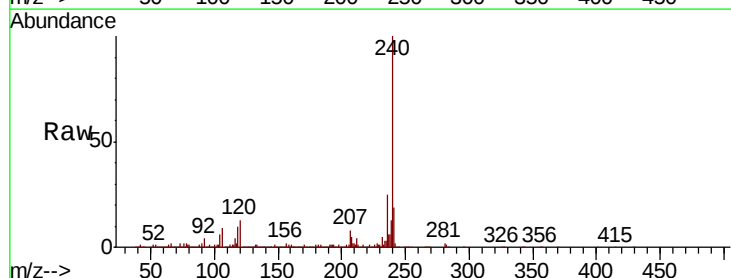
Tgt Ion:240 Resp: 948622

Ion Ratio Lower Upper

240 100

120 12.5 8.9 13.3

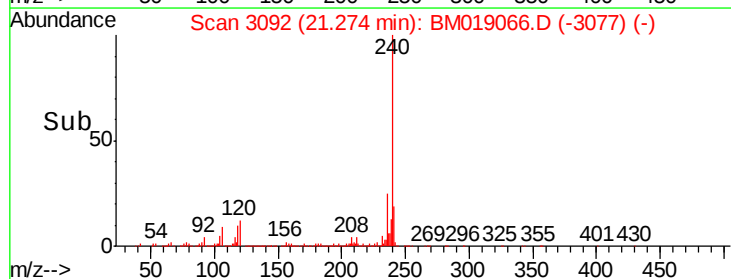
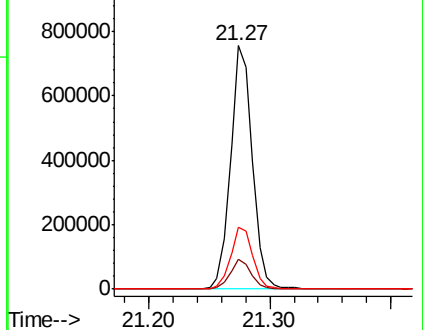
236 25.2 20.9 31.3

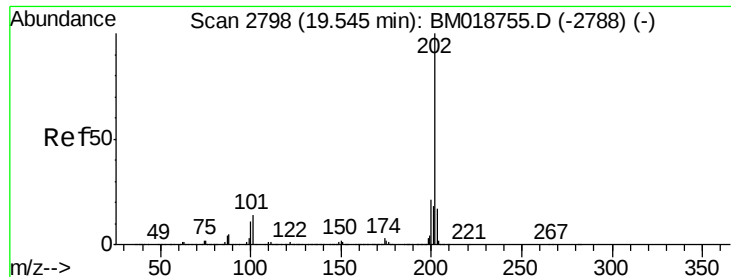


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

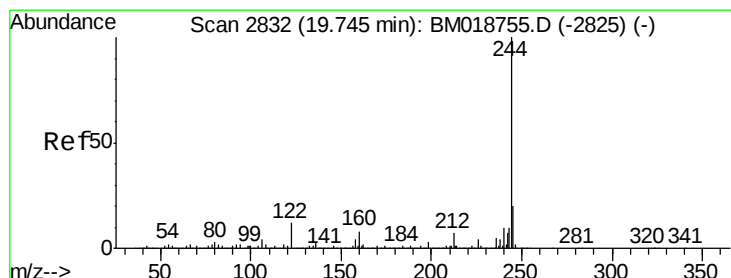
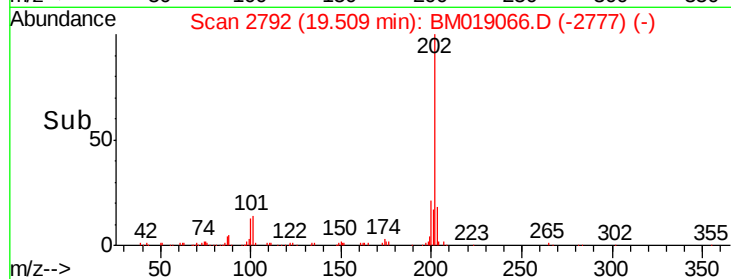
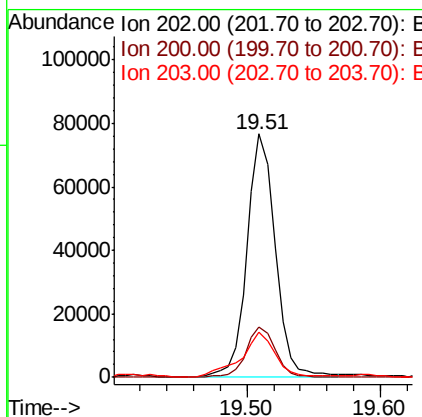
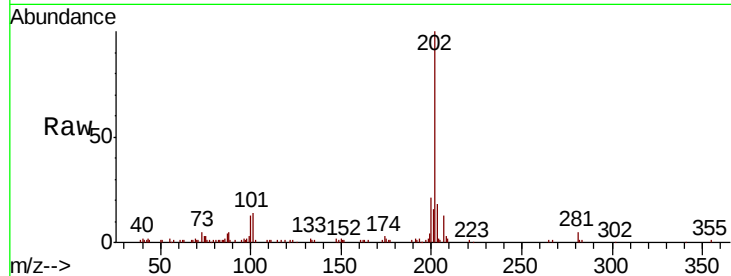




#78
Pvrene
Concen: 2.038 ng
RT: 19.51 min Scan# 2792
Delta R.T. -0.01 min
Lab File: BM019066.D
Acq: 06 Mar 2019 11:12

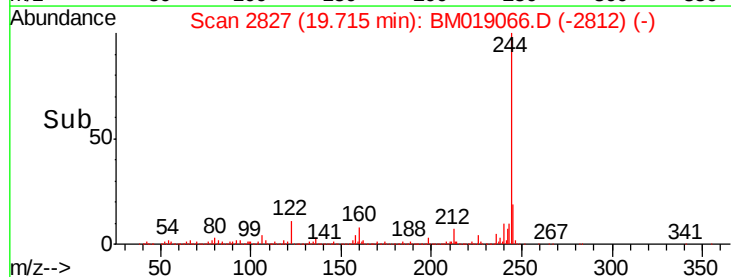
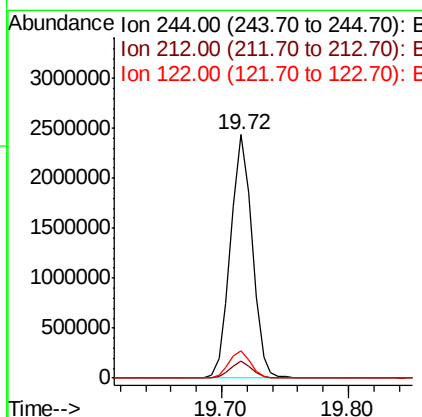
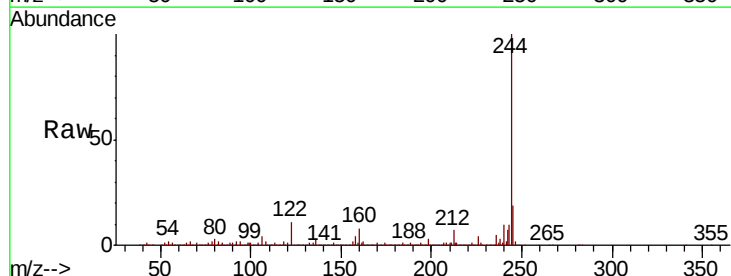
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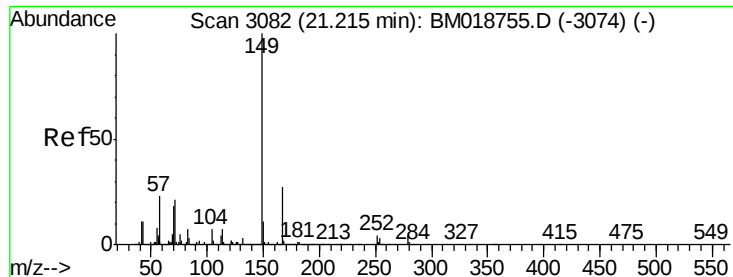
Tot Ion:202 Resp: 112289
Ion Ratio Lower Upper
202 100
200 20.7 16.9 25.3
203 18.4 13.8 20.8



#79
Terphenyl-d14
Concen: 62.482 ng
RT: 19.72 min Scan# 2827
Delta R.T. -0.01 min
Lab File: BM019066.D
Acq: 06 Mar 2019 11:12

Tgt Ion:244 Resp: 2873230
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 11.4 9.3 13.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.306 ng

RT: 21.19 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BM019066.D

Acq: 06 Mar 2019 11:12

Instrument :

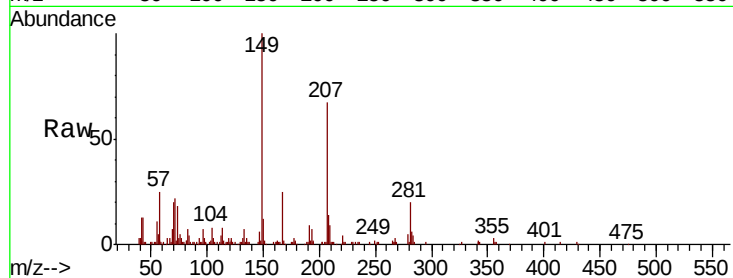
BNA_M

ClientSampleId :

PST-028-B105-022719

Tot Ion:149 Resp: 84763

Ion	Ratio	Lower	Upper
149	100		
167	25.4	21.8	32.6
279	4.7	3.6	5.4

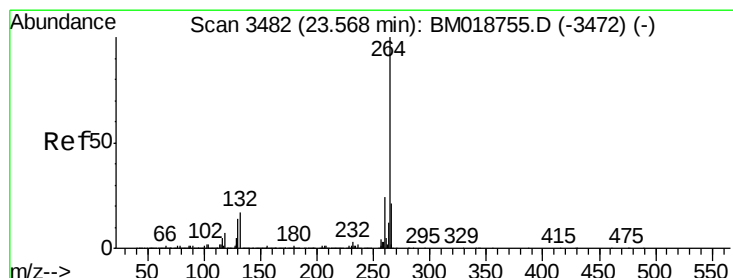
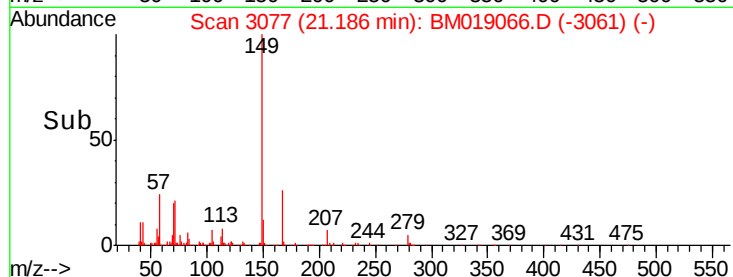
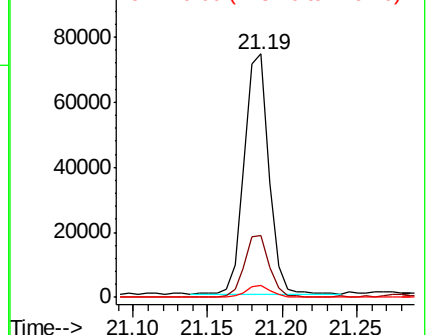


Abundance

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: 23.52 min Scan# 3474

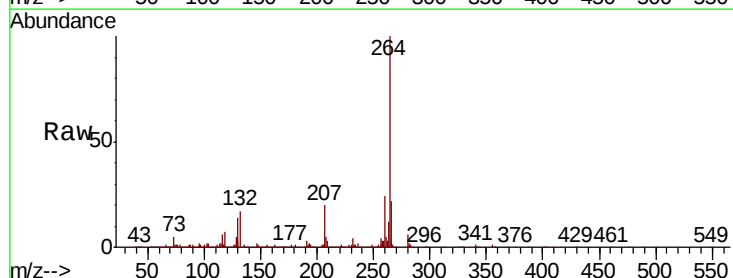
Delta R.T. -0.01 min

Lab File: BM019066.D

Acq: 06 Mar 2019 11:12

Tgt Ion:264 Resp: 1125066

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.7	17.3	25.9



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

