

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
 Data File : BM019045.D
 Acq On : 05 Mar 2019 20:18
 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 06:31:49 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

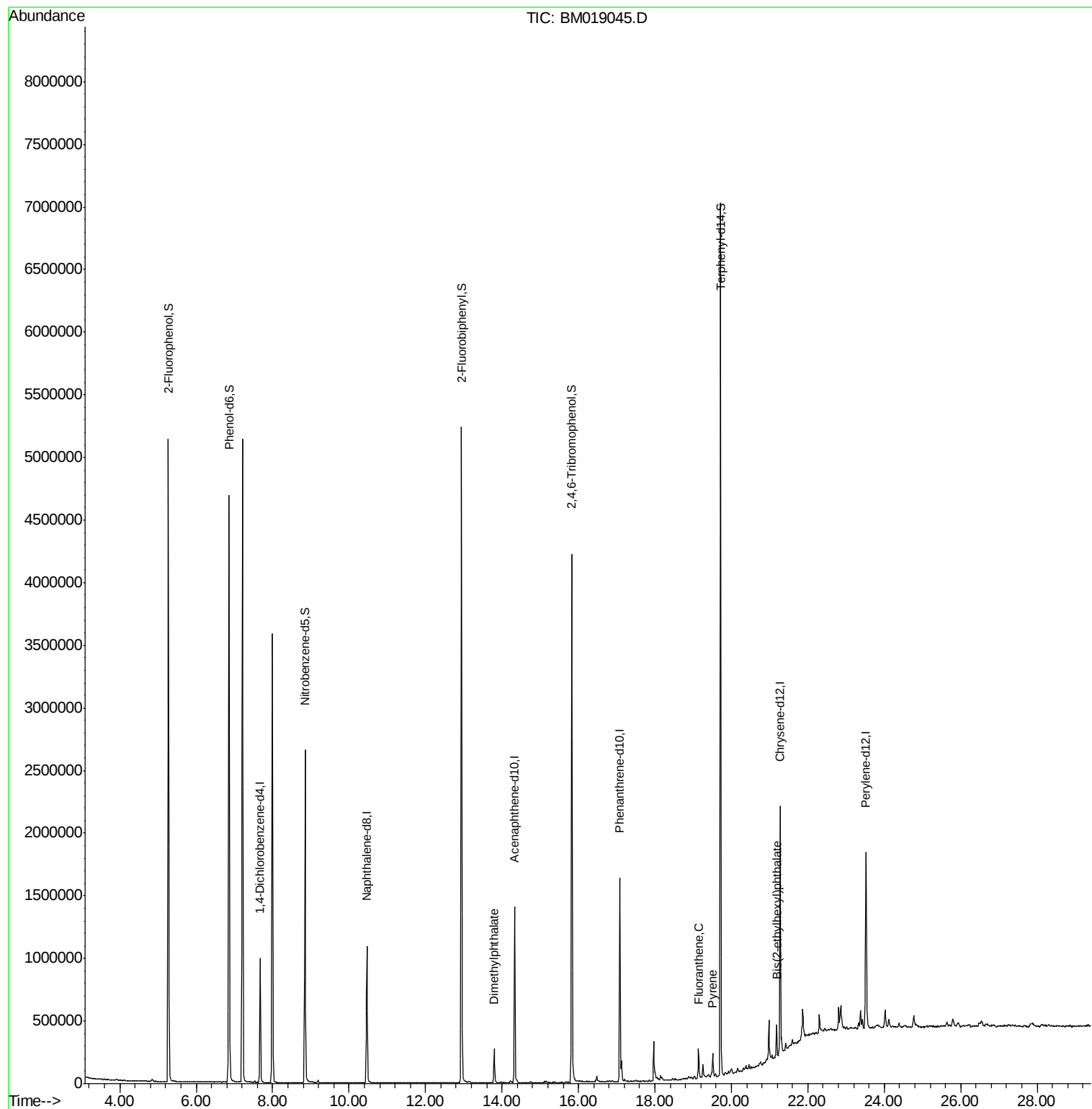
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	252010	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	911896	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	459873	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	933463	20.00	ng	0.00
76) Chrysene-d12	21.28	240	892544	20.00	ng	0.00
87) Perylene-d12	23.52	264	990443	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	2042514	132.80	ng	0.00
7) Phenol-d6	6.86	99	2698147	124.52	ng	0.00
23) Nitrobenzene-d5	8.85	82	1692068	85.80	ng	0.00
42) 2,4,6-Tribromophenol	15.83	330	797691	120.33	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	2680533	77.38	ng	0.00
79) Terphenyl-d14	19.72	244	3058722	70.69	ng	-0.01
Target Compounds						
50) Dimethylphthalate	13.79	163	192197	5.015	ng	100
75) Fluoranthene	19.14	202	119425	2.061	ng	99
78) Pyrene	19.51	202	116594	2.249	ng	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	84627	2.447	ng	96

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

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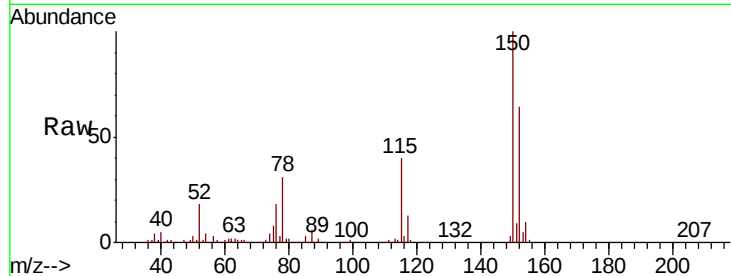


#1

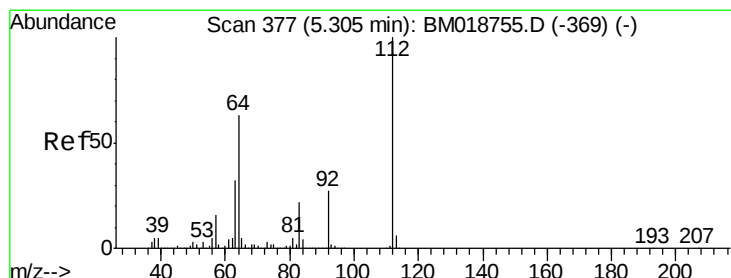
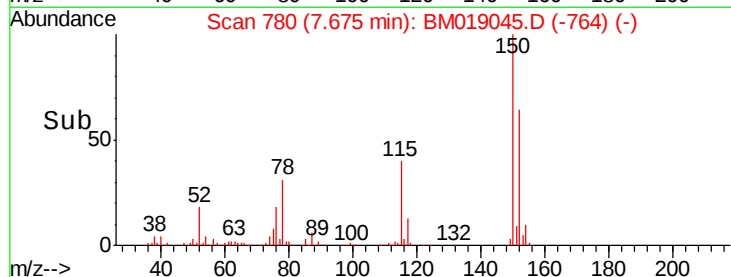
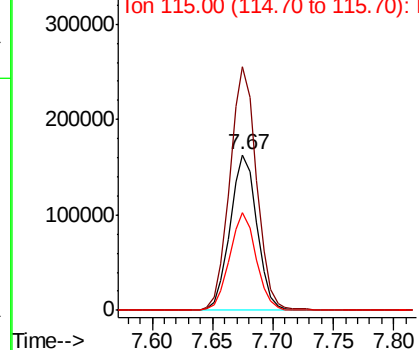
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BM019045.D
Acq: 05 Mar 2019 20:18

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

Tot Ion:152 Resp: 252010
Ion Ratio Lower Upper
152 100
150 156.3 127.3 190.9
115 62.8 50.8 76.2



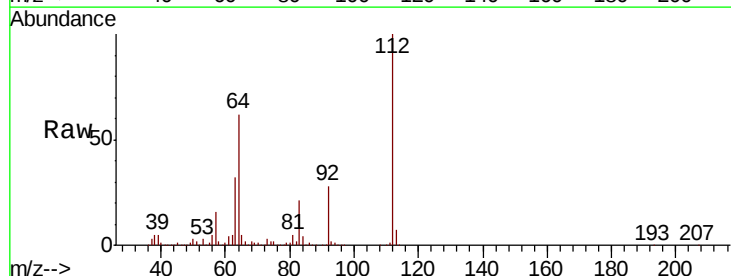
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



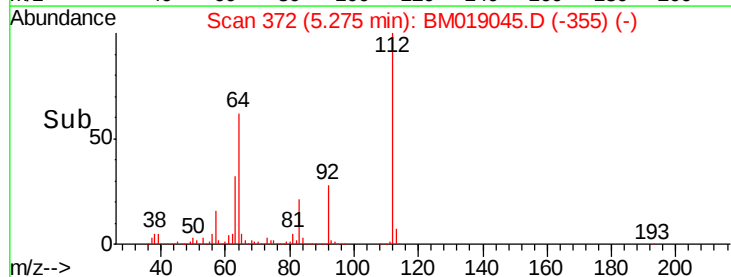
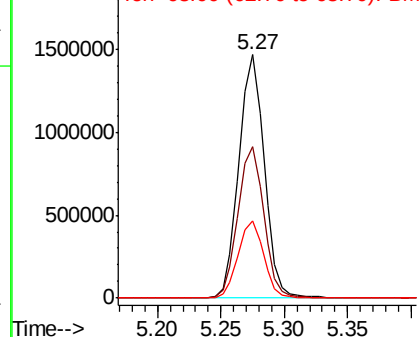
#5

2-Fluorophenol
Concen: 132.797 ng
RT: 5.27 min Scan# 372
Delta R.T. -0.00 min
Lab File: BM019045.D
Acq: 05 Mar 2019 20:18

Tgt Ion:112 Resp: 2042514
Ion Ratio Lower Upper
112 100
64 62.4 50.6 75.8
63 31.7 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: 124.524 ng

RT: 6.86 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

Instrument :

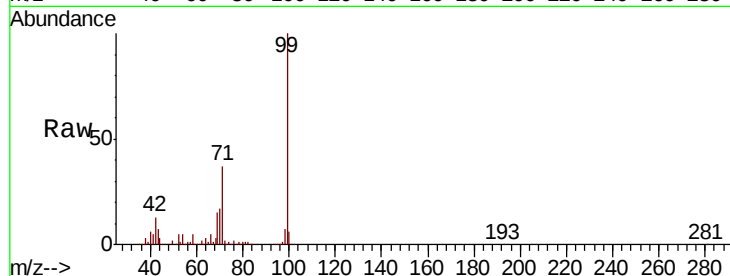
BNA_M

ClientSampleId :

PST-028-B105-022719

Tot Ion: 99 Resp: 2698147

Ion	Ratio	Lower	Upper
99	100		
42	13.4	11.0	16.6
71	37.3	31.3	46.9

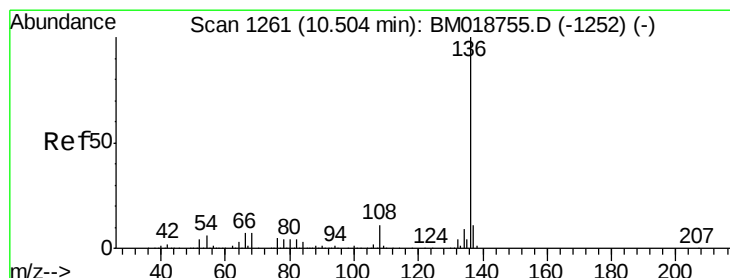
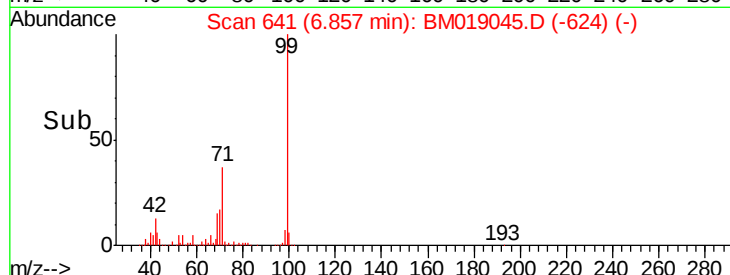
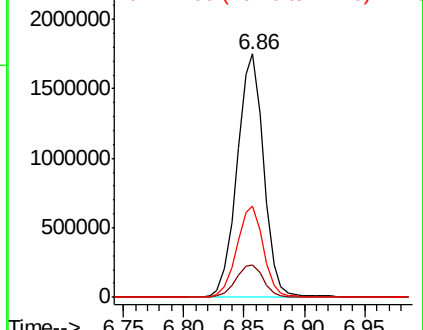


Abundance

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# 1254

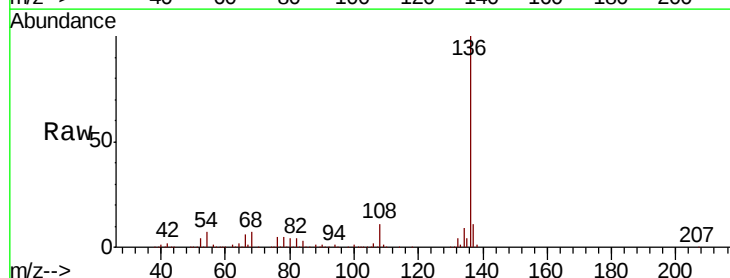
Delta R.T. -0.01 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

Tgt Ion: 136 Resp: 911896

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.3	5.0	7.6
68	7.5	5.5	8.3



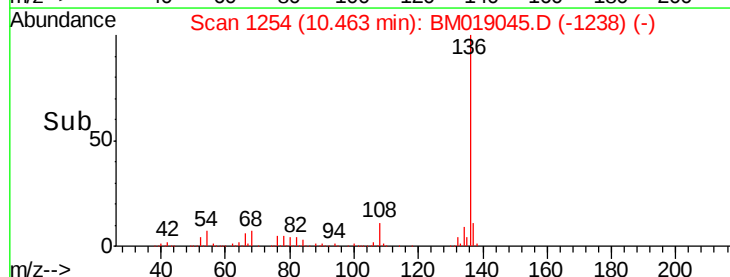
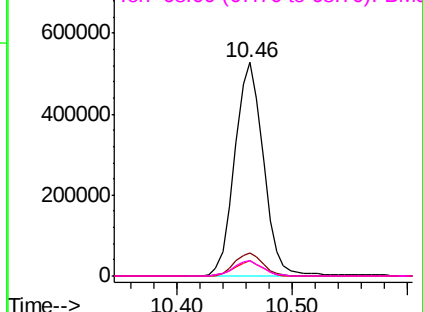
Abundance

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) (-)

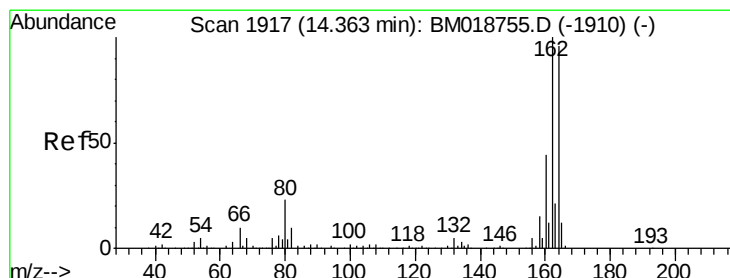
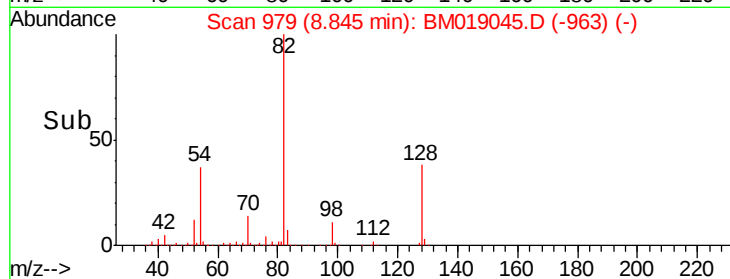
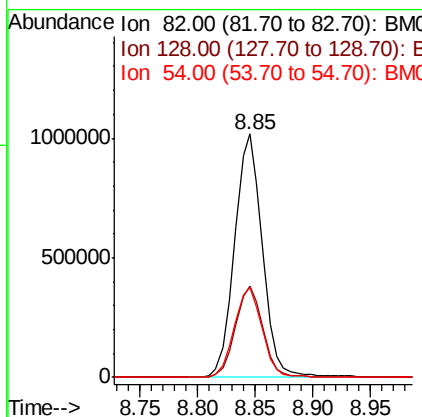
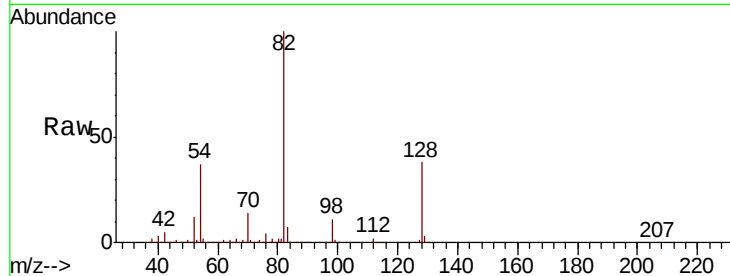




#23
Nitrobenzene-d5
Concen: 85.798 ng
RT: 8.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BM019045.D
Acq: 05 Mar 2019 20:18

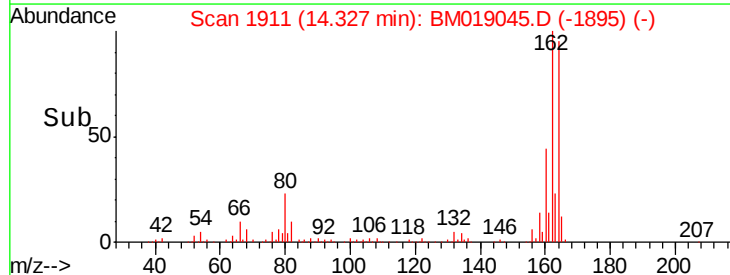
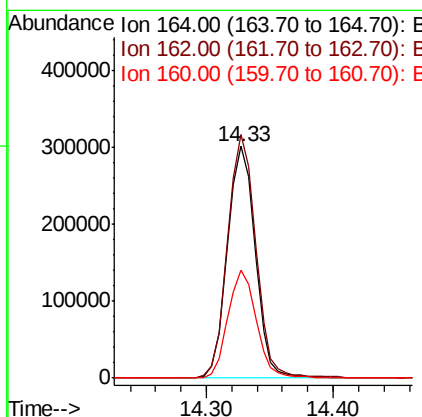
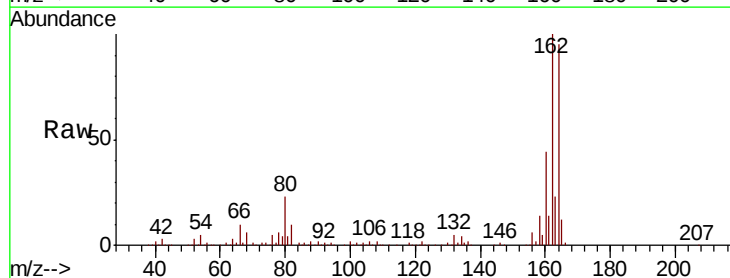
Instrument :
BNA_M
ClientSampleId :
PST-028-B105-022719

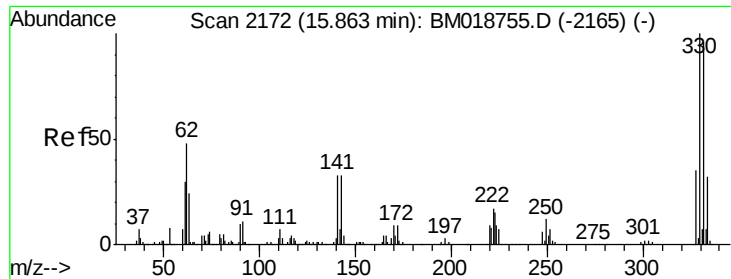
Tot Ion: 82 Resp: 1692068
Ion Ratio Lower Upper
82 100
128 37.6 29.9 44.9
54 37.2 29.1 43.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM019045.D
Acq: 05 Mar 2019 20:18

Tgt Ion:164 Resp: 459873
Ion Ratio Lower Upper
164 100
162 105.2 83.4 125.0
160 46.5 36.6 55.0





#42

2,4,6-Tribromophenol

Concen: 120.335 ng

RT: 15.83 min Scan# 2166

Delta R.T. -0.01 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

Instrument :

BNA_M

ClientSampleId :

PST-028-B105-022719

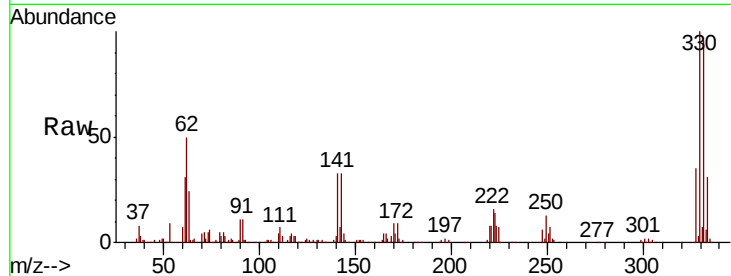
Tot Ion:330 Resp: 797691

Ion Ratio Lower Upper

330 100

332 96.3 76.9 115.3

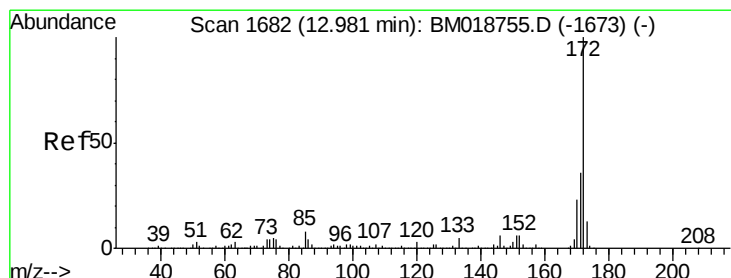
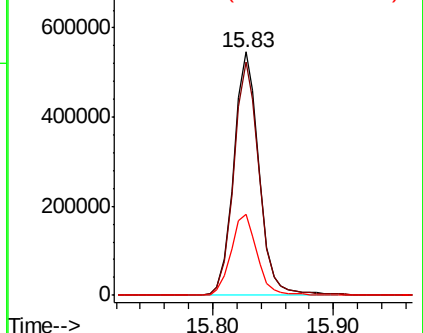
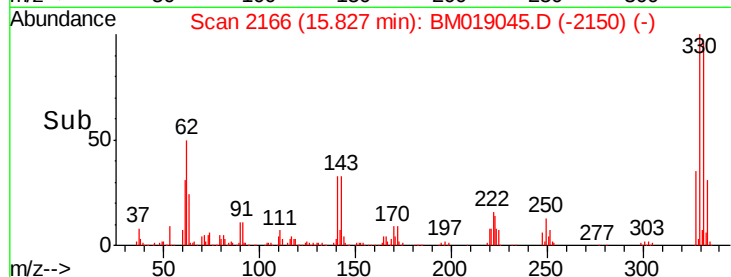
141 34.3 28.7 43.1



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: 77.377 ng

RT: 12.95 min Scan# 1676

Delta R.T. -0.01 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

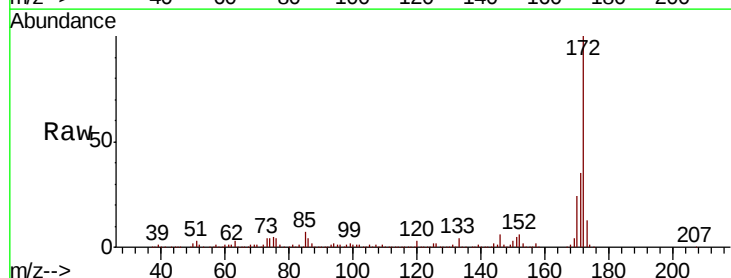
Tgt Ion:172 Resp: 2680533

Ion Ratio Lower Upper

172 100

171 35.4 29.0 43.6

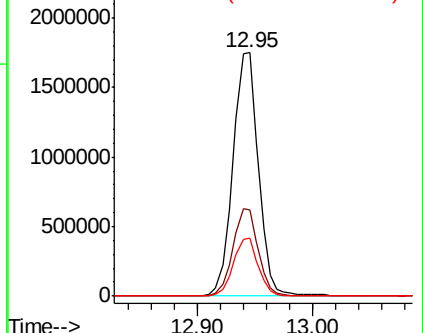
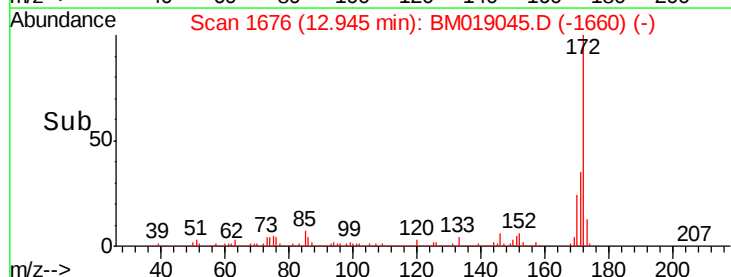
170 23.7 18.6 28.0

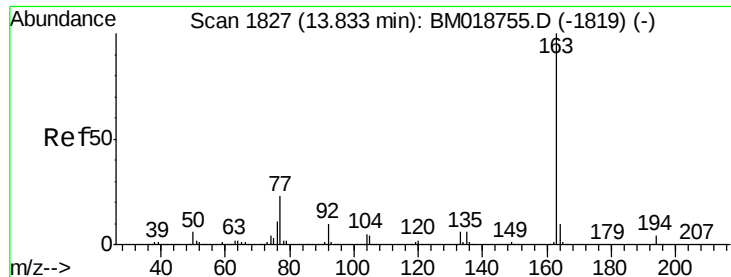


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.015 ng

RT: 13.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

Instrument :

BNA_M

ClientSampleId :

PST-028-B105-022719

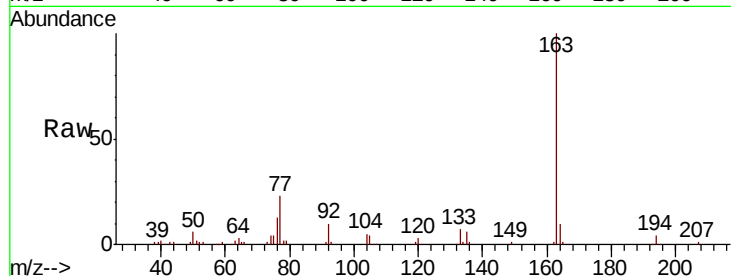
Tot Ion:163 Resp: 192197

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

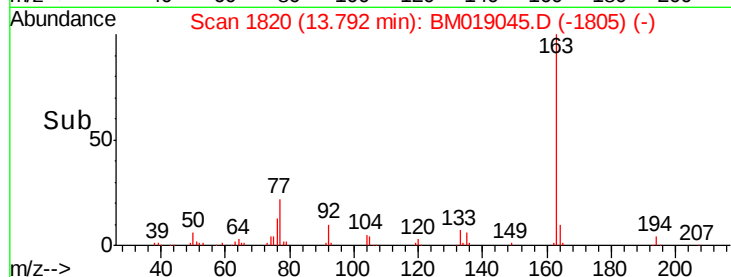
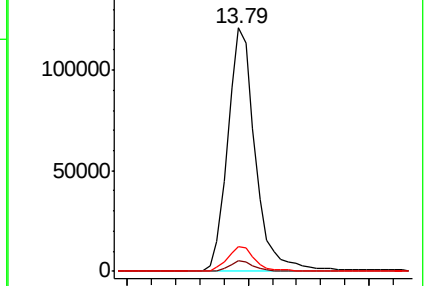
164 9.9 7.8 11.8



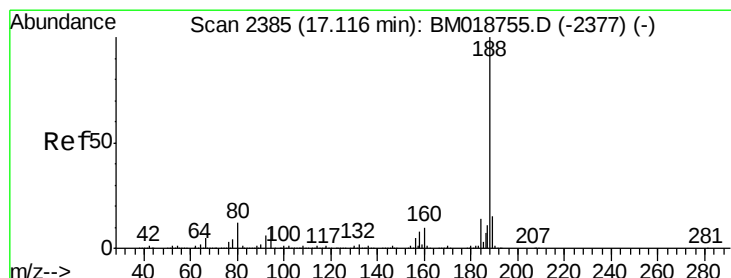
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time--> 13.70 13.80 13.90



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.08 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

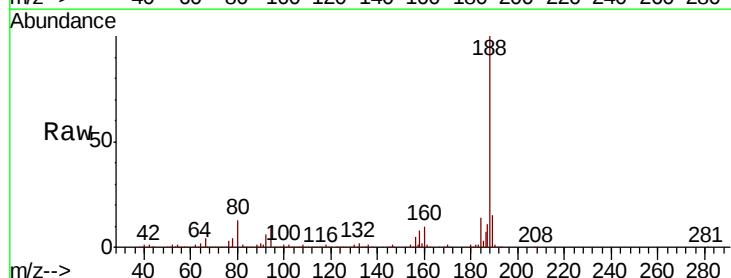
Tgt Ion:188 Resp: 933463

Ion Ratio Lower Upper

188 100

94 10.2 8.2 12.2

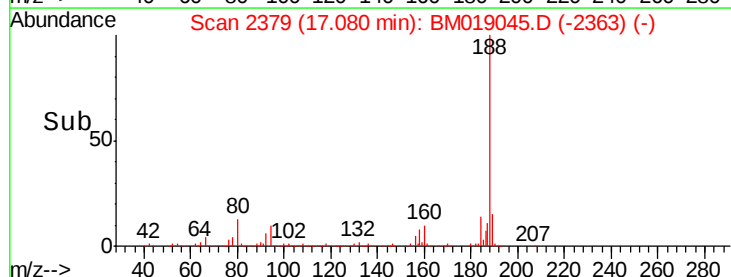
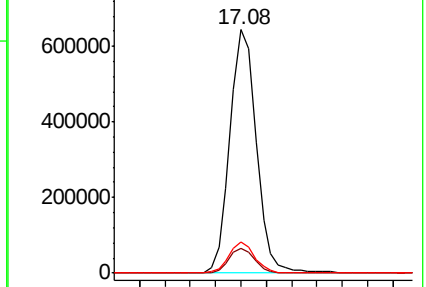
80 12.7 9.7 14.5



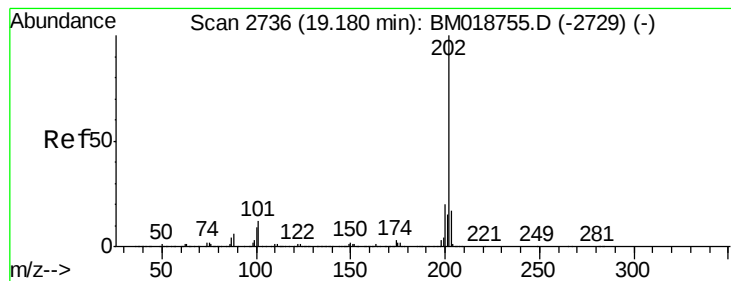
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



Time--> 17.00 17.10



#75

Fluoranthene

Concen: 2.061 ng

RT: 19.14 min Scan# 2730

Delta R.T. -0.01 min

Lab File: BM019045.D

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PST-028-B105-022719

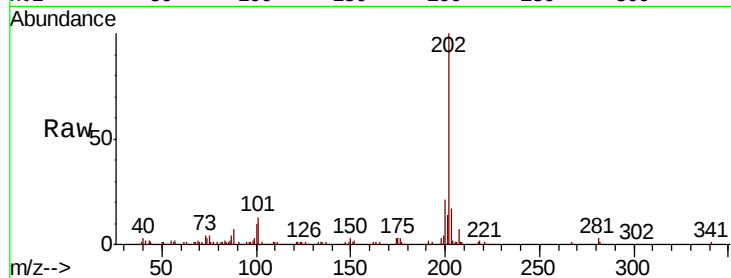
Tot Ion:202 Resp: 119425

Ion Ratio Lower Upper

202 100

101 12.5 0.0 31.5

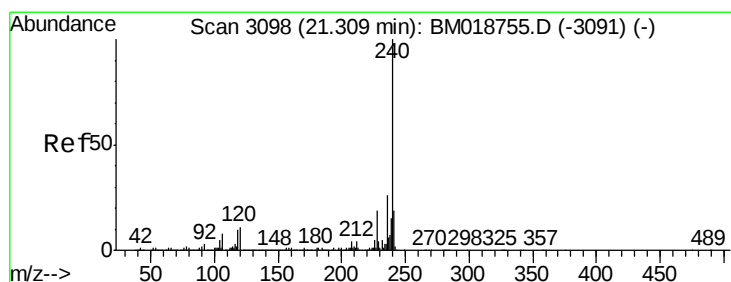
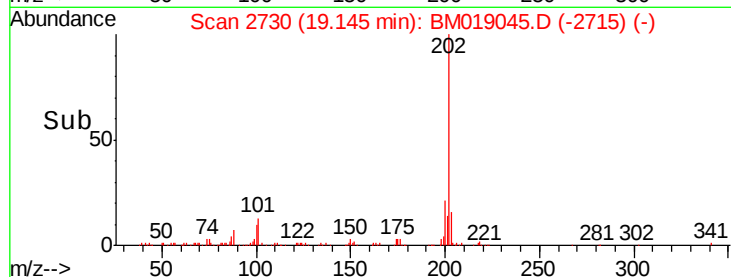
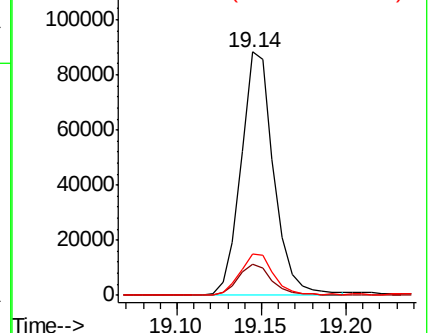
203 17.0 0.0 37.3



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: 21.28 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

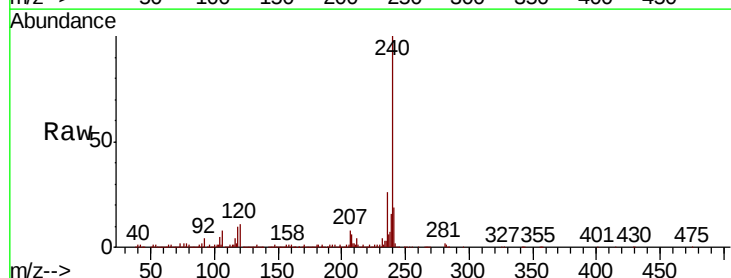
Tgt Ion:240 Resp: 892544

Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

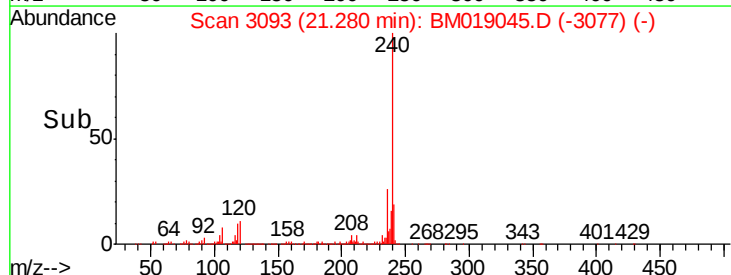
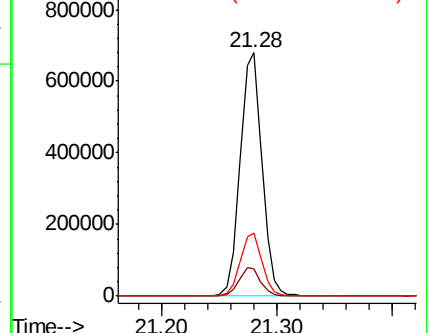
236 26.1 20.9 31.3

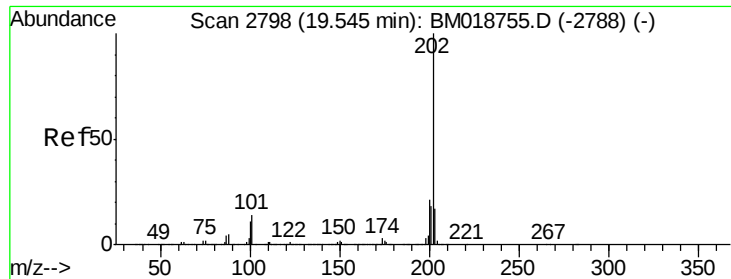


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

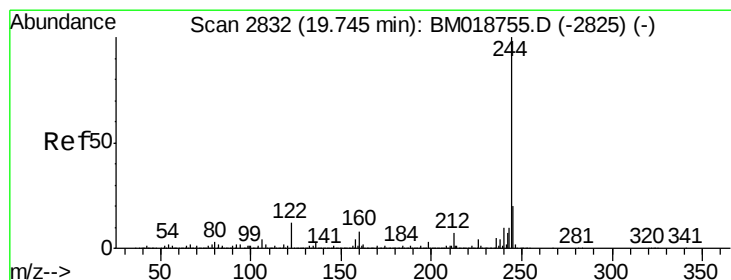
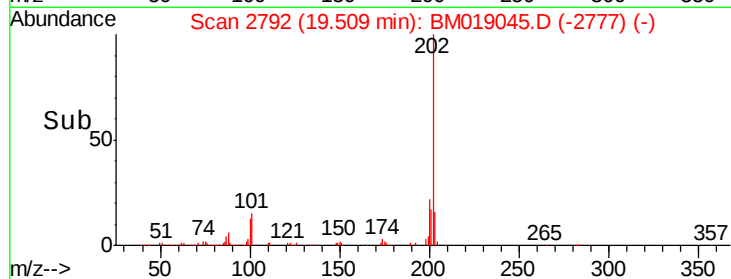
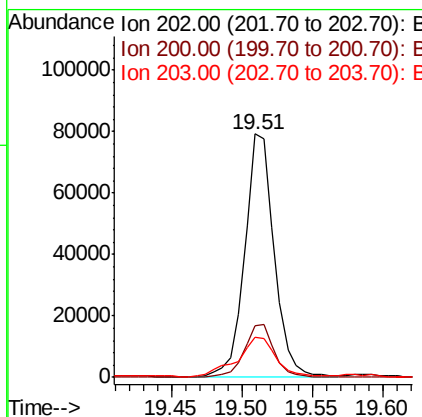
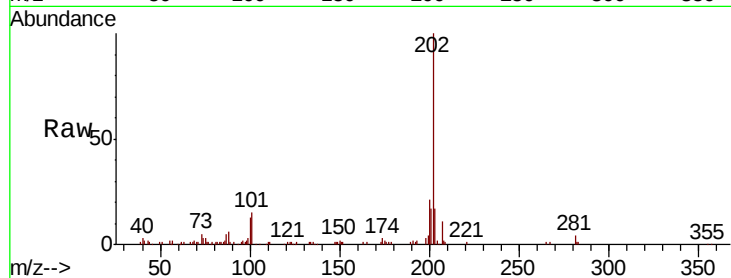




#78
Pvrene
Concen: 2.249 ng
RT: 19.51 min Scan# 2792
Delta R.T. -0.01 min
Lab File: BM019045.D
Acq: 05 Mar 2019 20:18

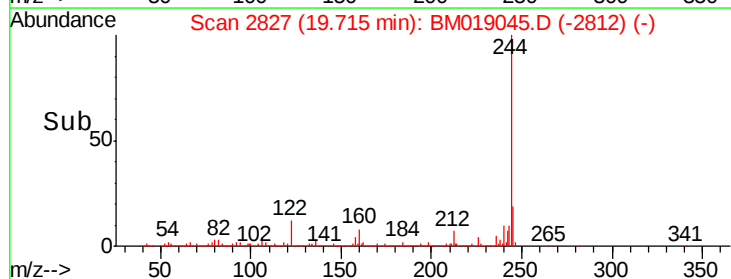
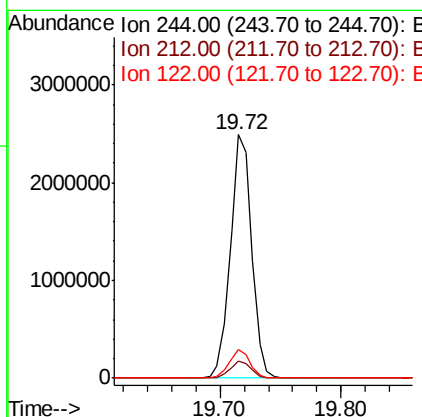
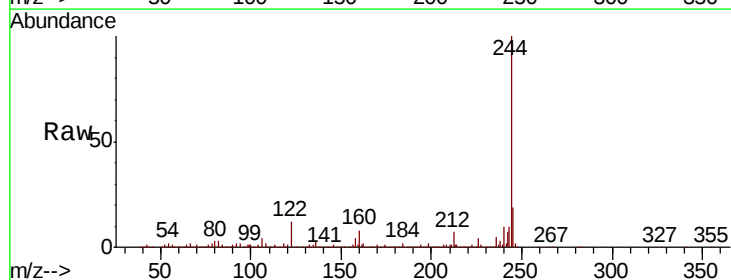
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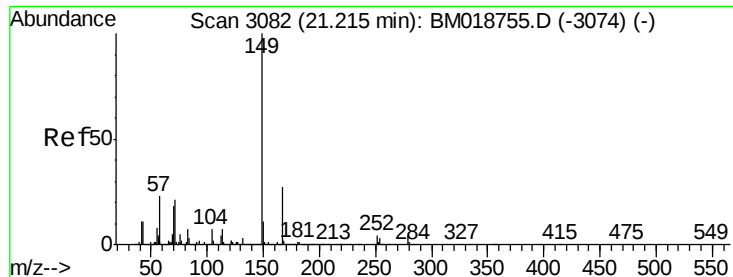
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	16.5	13.8	20.8



#79
Terphenyl-d14
Concen: 70.695 ng
RT: 19.72 min Scan# 2827
Delta R.T. -0.01 min
Lab File: BM019045.D
Acq: 05 Mar 2019 20:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	11.5	9.3	13.9





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.447 ng

RT: 21.19 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

Instrument :

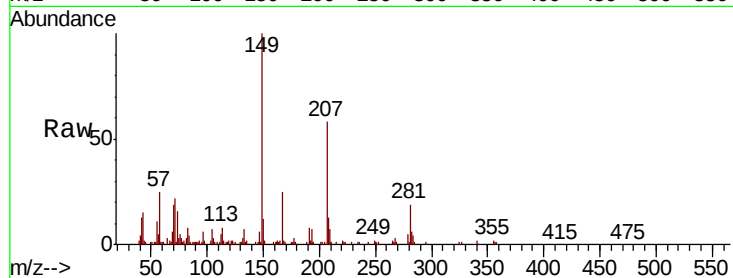
BNA_M

ClientSampleId :

PST-028-B105-022719

Tot Ion:149 Resp: 84627

Ion	Ratio	Lower	Upper
149	100		
167	24.9	21.8	32.6
279	4.5	3.6	5.4

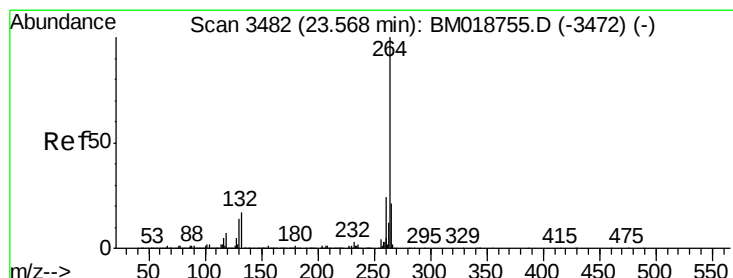
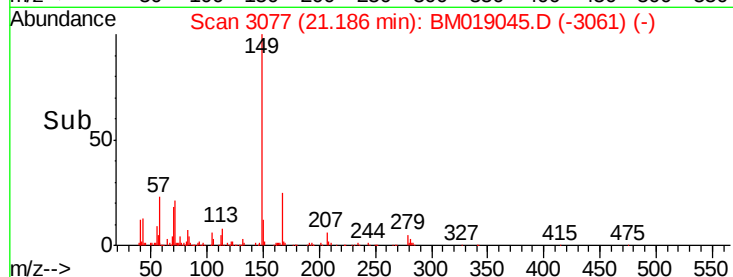
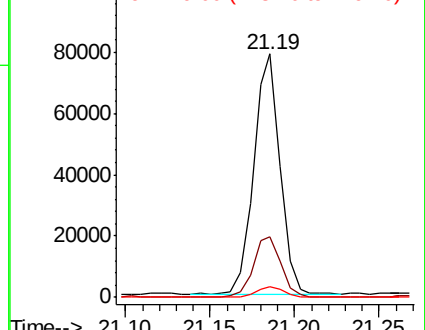


Abundance

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

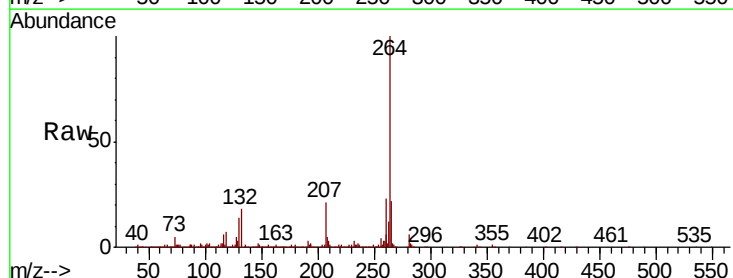
Delta R.T. -0.01 min

Lab File: BM019045.D

Acq: 05 Mar 2019 20:18

Tgt Ion:264 Resp: 990443

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	22.4	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

