

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031819\
 Data File : BM019224.D
 Acq On : 18 Mar 2019 20:17
 Operator : JU/SJ
 Sample : K1947-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B100-031219

Quant Time: Mar 19 07:22:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 11 17:30:46 2019
 Response via : Initial Calibration

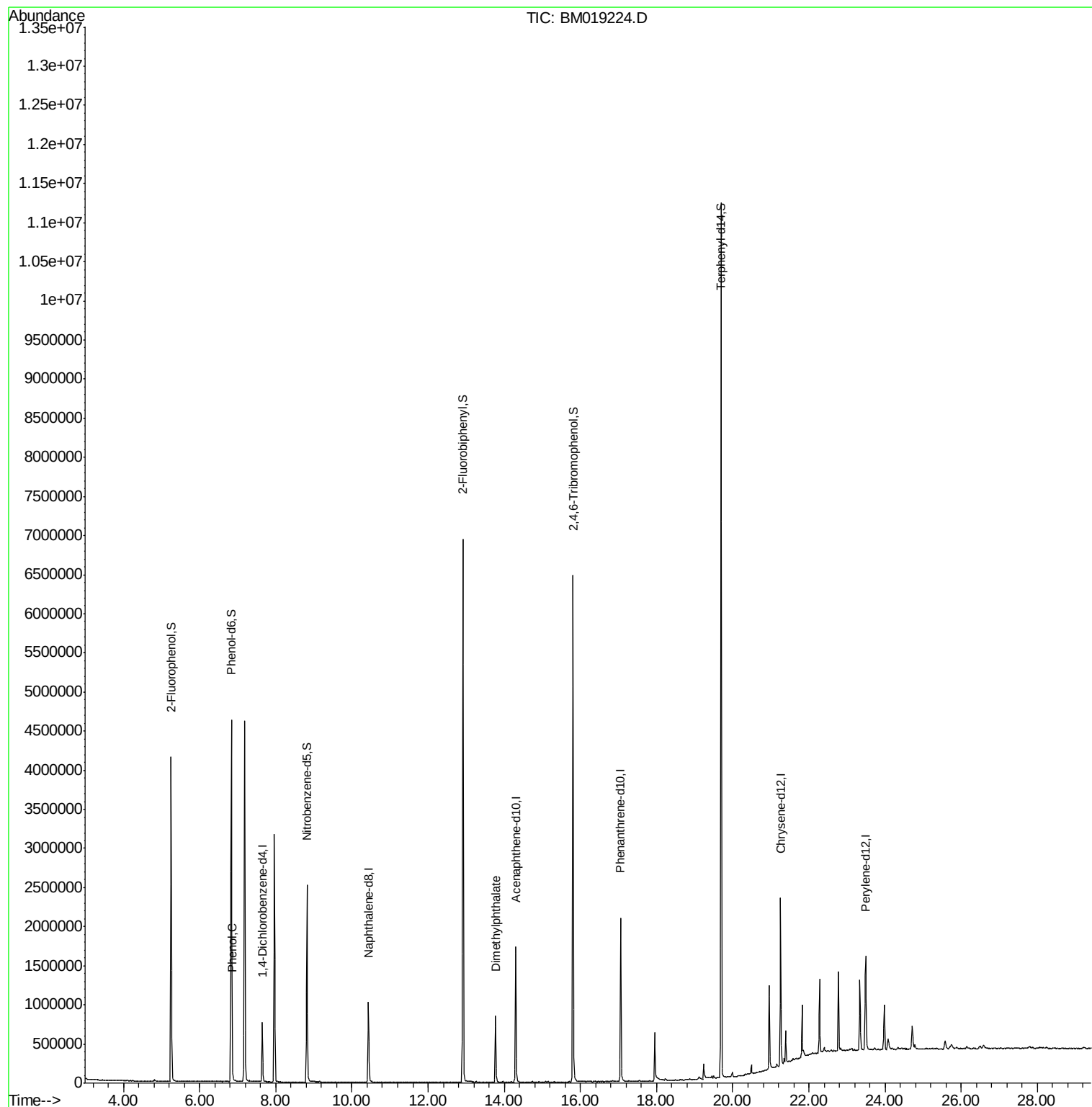
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	193619	20.00	ng	-0.02
21) Naphthalene-d8	10.43	136	859401	20.00	ng	-0.02
39) Acenaphthene-d10	14.30	164	551808	20.00	ng	-0.02
64) Phenanthrene-d10	17.06	188	1182232	20.00	ng	-0.02
76) Chrysene-d12	21.26	240	937466	20.00	ng	-0.02
87) Perylene-d12	23.49	264	869128	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1745851	146.03	ng	0.00
7) Phenol-d6	6.83	99	2680900	153.30	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1643166	90.38	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1200037	147.29	ng	-0.02
45) 2-Fluorobiphenyl	12.92	172	3399231	80.13	ng	-0.02
79) Terphenyl-d14	19.70	244	4795235	101.55	ng	-0.01
Target Compounds						
10) Phenol	6.86	94	40432	2.145	ng	79
50) Dimethylphthalate	13.77	163	561393	11.893	ng	99

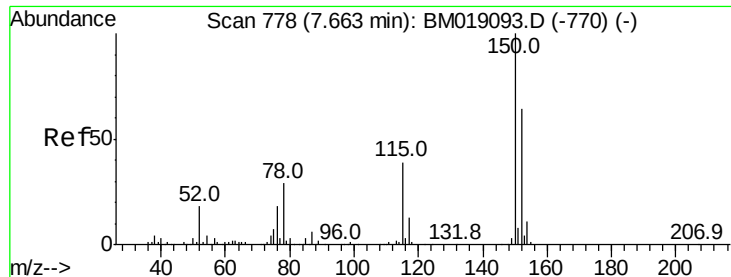
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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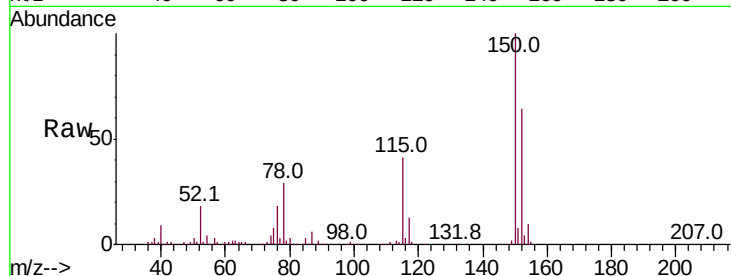


#1

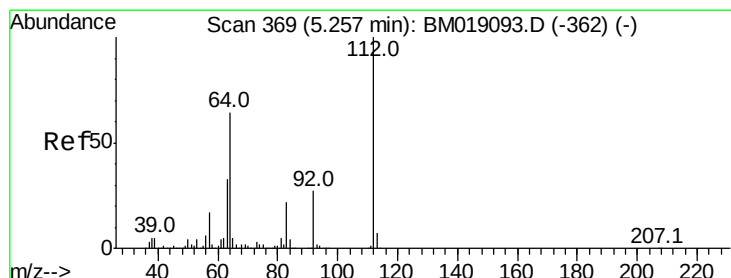
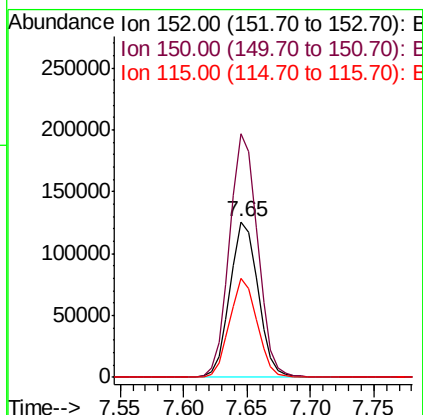
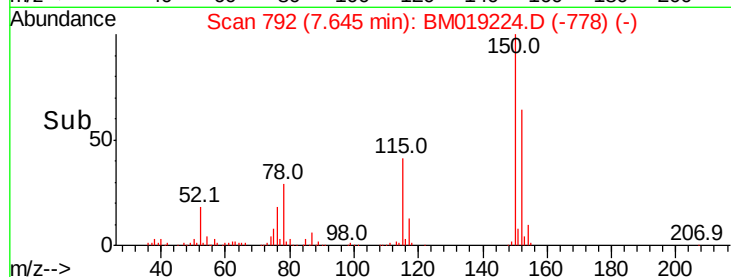
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 792
Delta R.T. -0.02 min
Lab File: BM019224.D
Acq: 18 Mar 2019 20:17

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219

Tot Ion:152 Resp: 193619
Ion Ratio Lower Upper
152 100
150 156.1 125.3 187.9
115 63.8 49.4 74.0



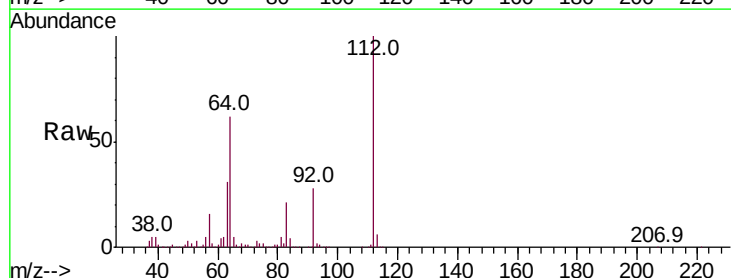
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



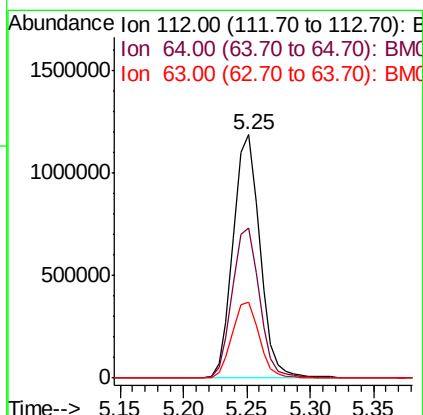
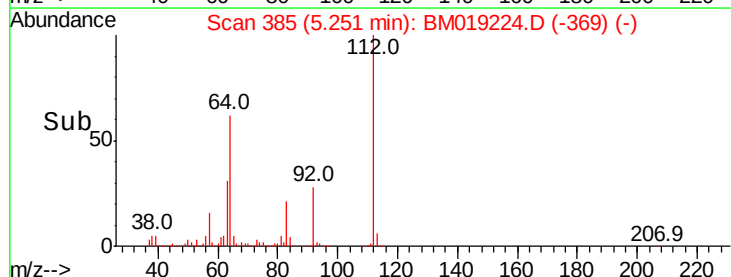
#5

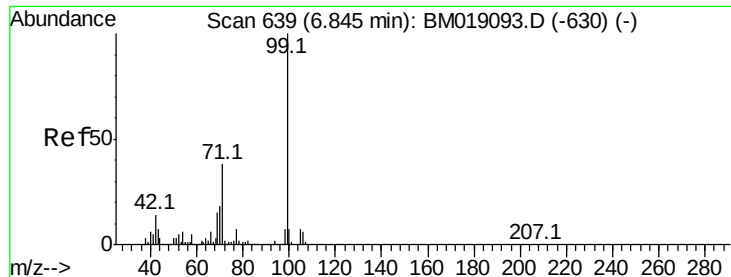
2-Fluorophenol
Concen: 146.027 ng
RT: 5.25 min Scan# 385
Delta R.T. -0.01 min
Lab File: BM019224.D
Acq: 18 Mar 2019 20:17

Tgt Ion:112 Resp: 1745851
Ion Ratio Lower Upper
112 100
64 61.8 51.4 77.0
63 31.2 26.6 40.0



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: 153.303 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.01 min

Lab File: BM019224.D

Acq: 18 Mar 2019 20:17

Instrument :

BNA_M

ClientSampleId :

PST-028-B100-031219

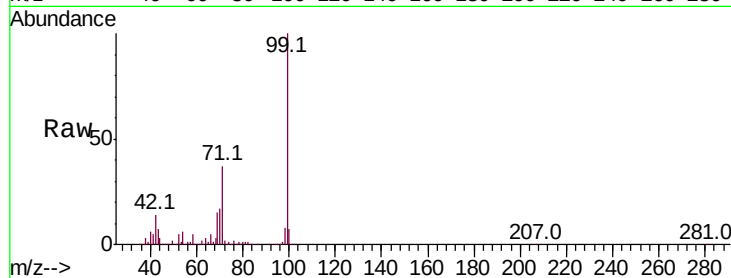
Tot Ion: 99 Resp: 2680900

Ion Ratio Lower Upper

99 100

42 13.5 10.9 16.3

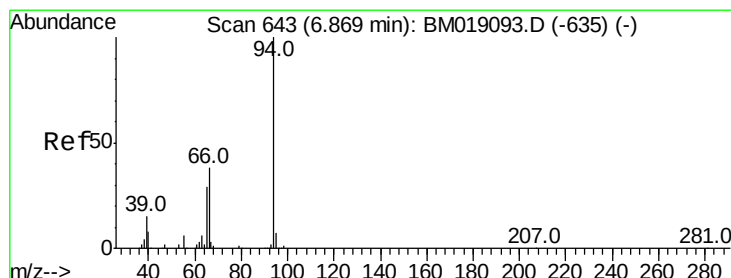
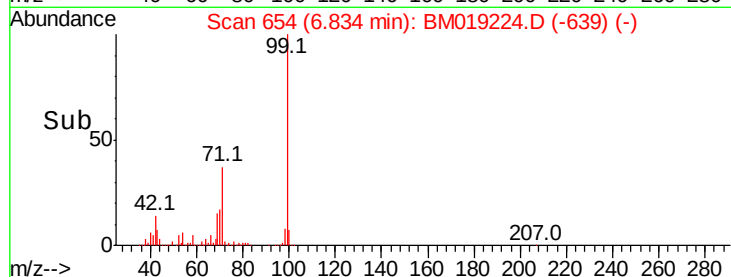
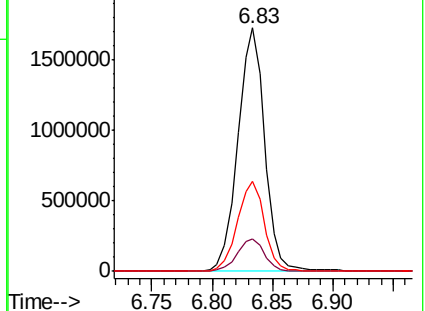
71 36.8 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019093.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM019093.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM019093.D (-630) (-)



#10

Phenol

Concen: 2.145 ng

RT: 6.86 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM019224.D

Acq: 18 Mar 2019 20:17

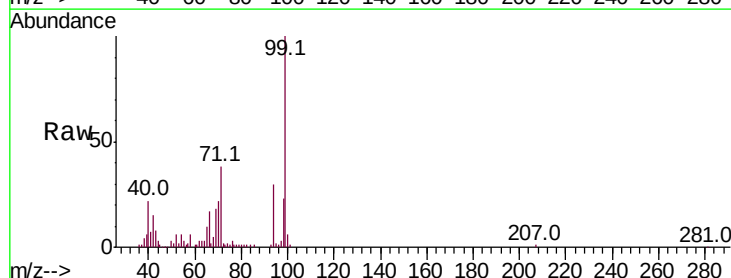
Tgt Ion: 94 Resp: 40432

Ion Ratio Lower Upper

94 100

65 33.7 9.7 49.7

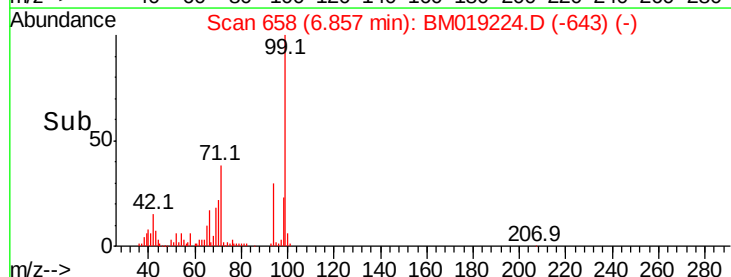
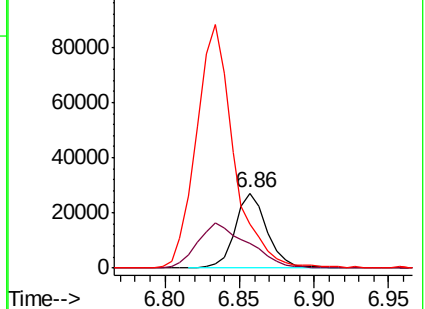
66 58.0 19.2 59.2

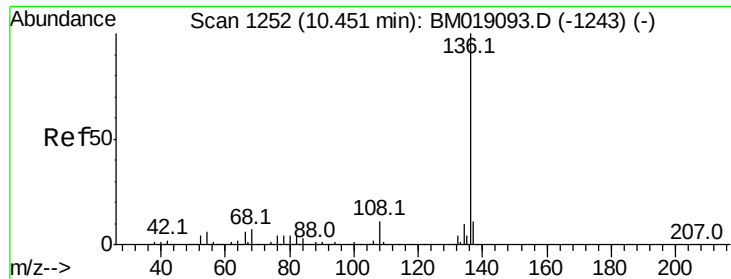


Abundance Ion 94.00 (93.70 to 94.70): BM019093.D (-635) (-)

Ion 65.00 (64.70 to 65.70): BM019093.D (-635) (-)

Ion 66.00 (65.70 to 66.70): BM019093.D (-635) (-)

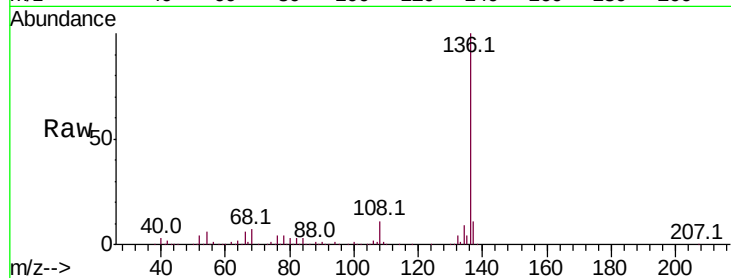




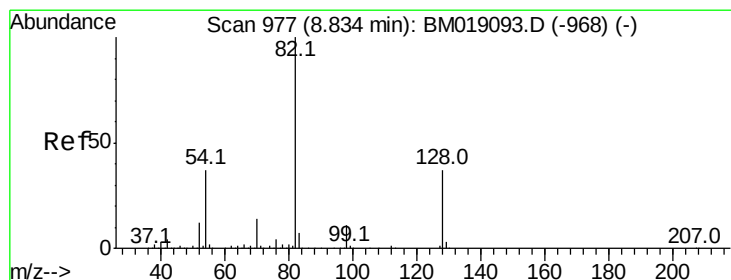
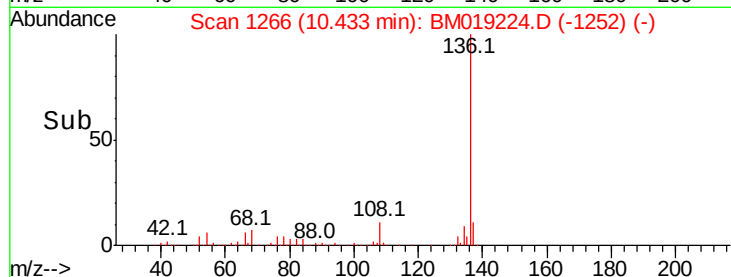
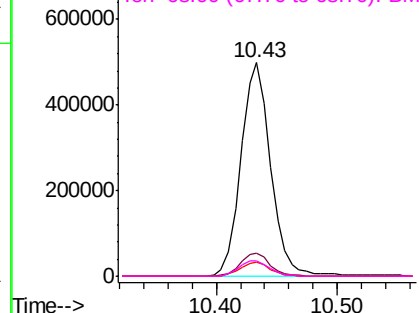
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BM019224.D
Acq: 18 Mar 2019 20:17

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219

Tot Ion:136	Resp:	859401	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.6	13.0	
54 6.5	5.2	7.8	
68 7.2	5.8	8.8	

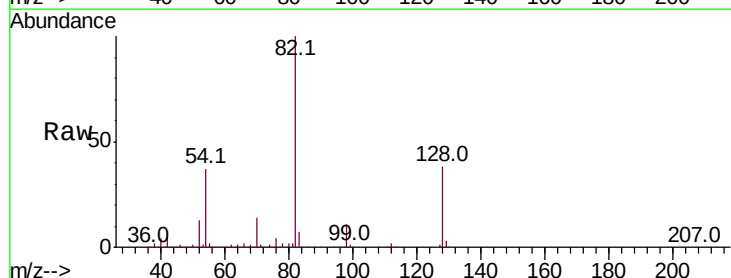


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

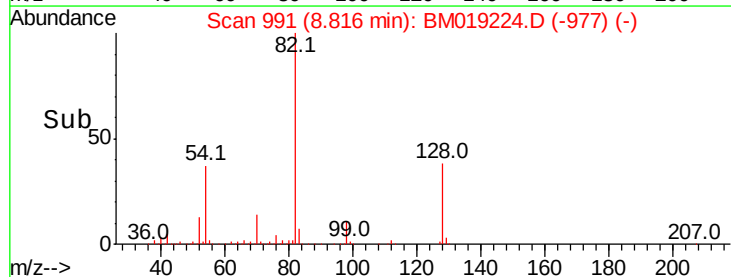
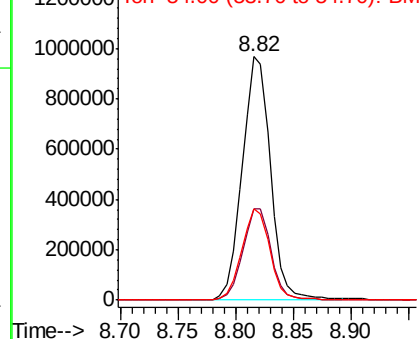


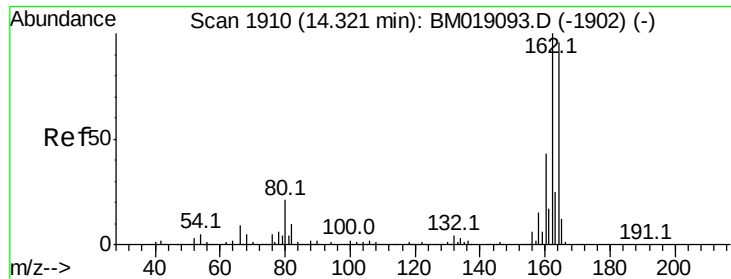
#23
Nitrobenzene-d5
Concen: 90.380 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.02 min
Lab File: BM019224.D
Acq: 18 Mar 2019 20:17

Tgt Ion: 82	Resp: 1643166
Ion Ratio	Lower Upper
82 100	
128 37.6	29.4 44.2
54 37.3	29.9 44.9



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM

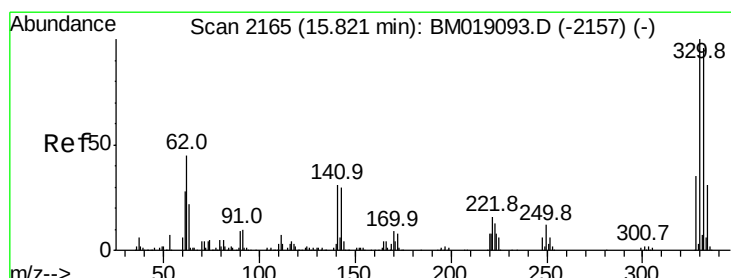
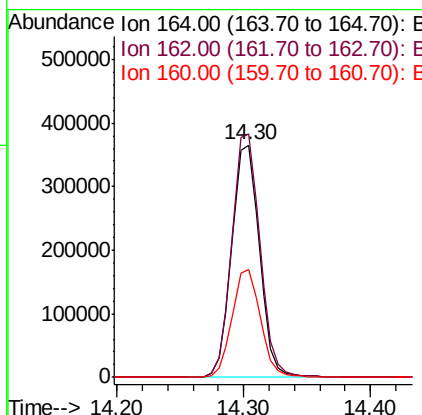
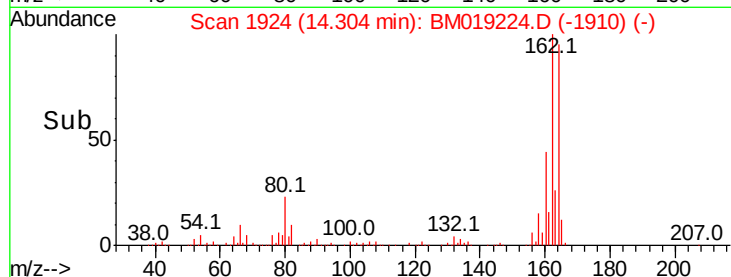
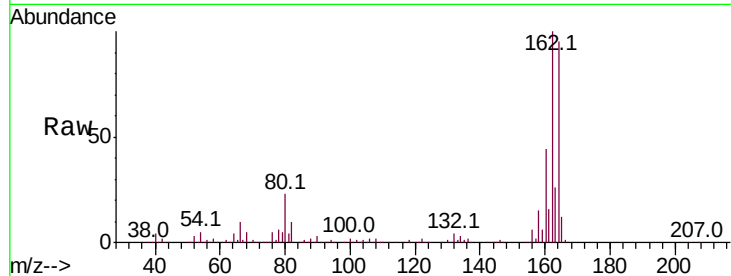




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.02 min
Lab File: BM019224.D
Acq: 18 Mar 2019 20:17

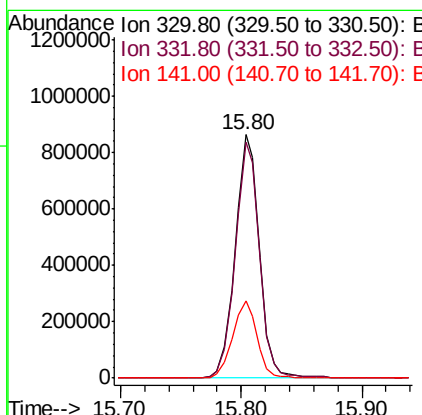
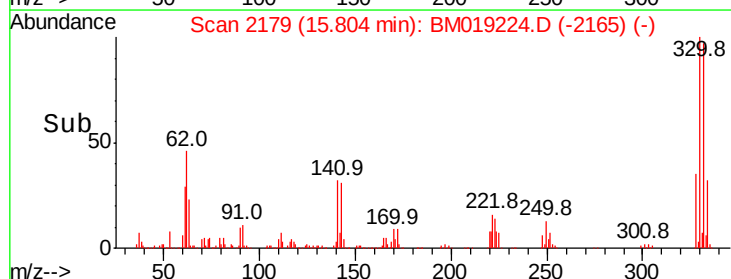
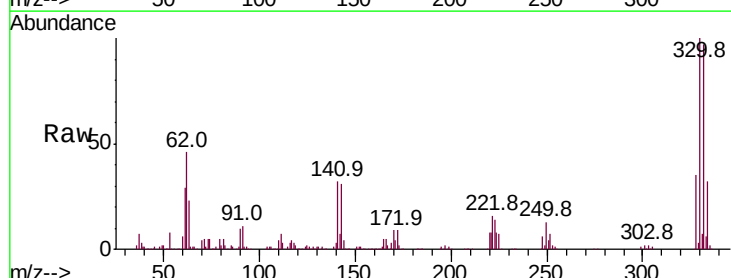
Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219

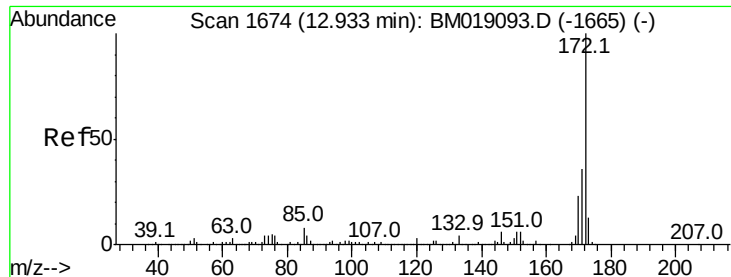
Tot Ion:164 Resp: 551808
Ion Ratio Lower Upper
164 100
162 104.8 83.5 125.3
160 46.4 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 147.293 ng
RT: 15.80 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BM019224.D
Acq: 18 Mar 2019 20:17

Tgt Ion:330 Resp: 1200037
Ion Ratio Lower Upper
330 100
332 97.2 76.8 115.2
141 32.3 27.0 40.4



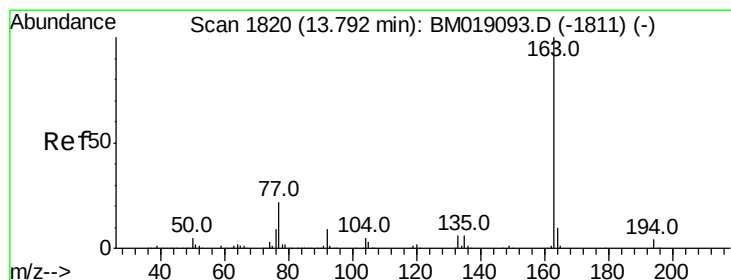
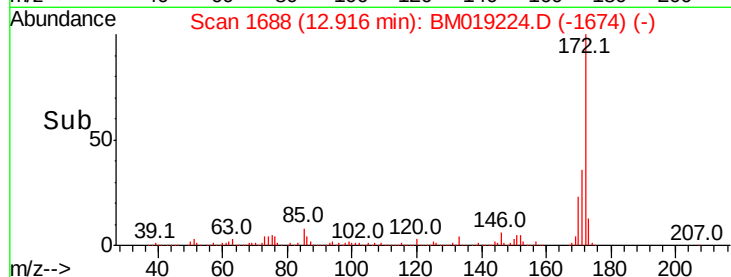
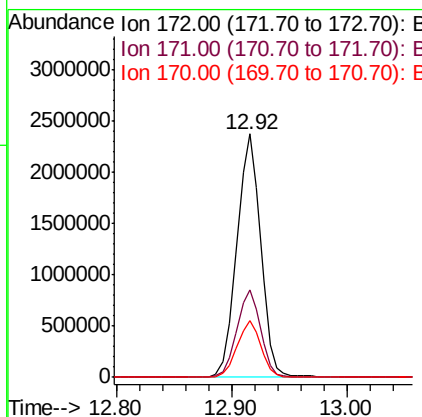
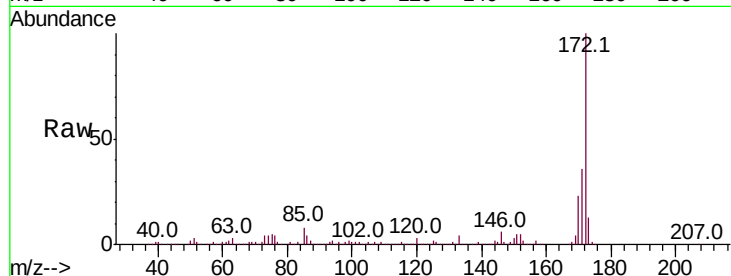


#45
2-Fluorobiphenyl
Concen: 80.129 ng
RT: 12.92 min Scan# 1688
Delta R.T. -0.02 min
Lab File: BM019224.D
Acq: 18 Mar 2019 20:17

Instrument :
BNA_M
ClientSampleId :
PST-028-B100-031219

Tot Ion:172 Resp: 3399231

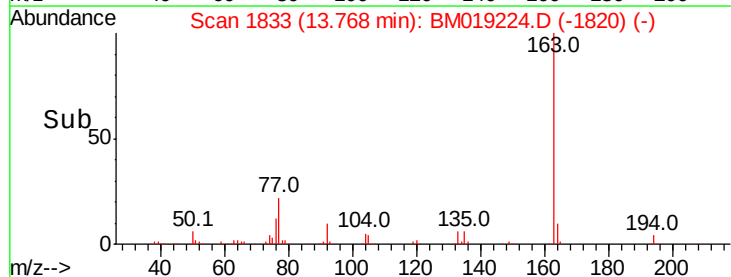
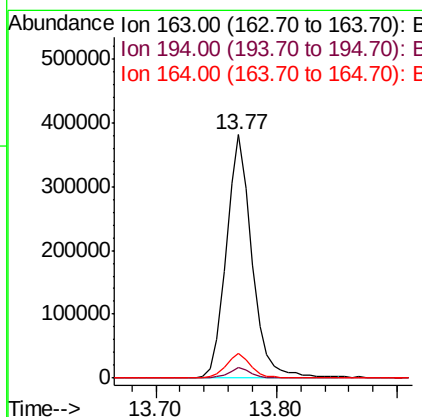
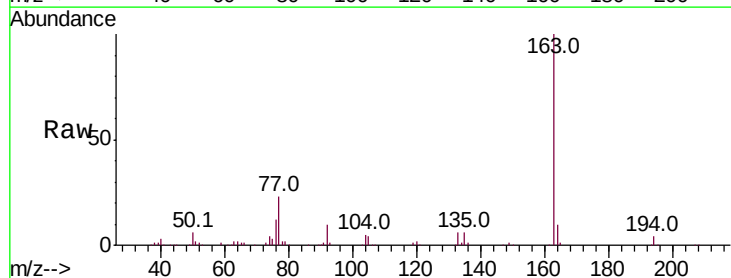
Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	23.2	18.6	28.0

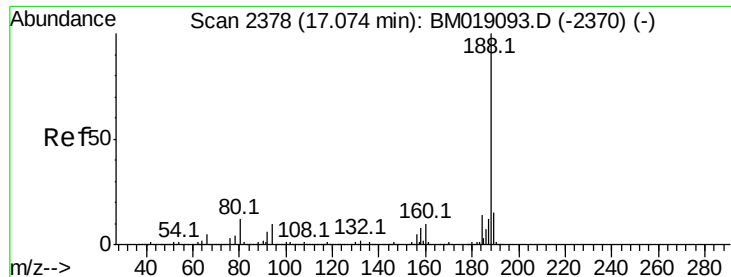


#50
Dimethylphthalate
Concen: 11.893 ng
RT: 13.77 min Scan# 1833
Delta R.T. -0.02 min
Lab File: BM019224.D
Acq: 18 Mar 2019 20:17

Tgt Ion:163 Resp: 561393

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.1	7.7	11.5

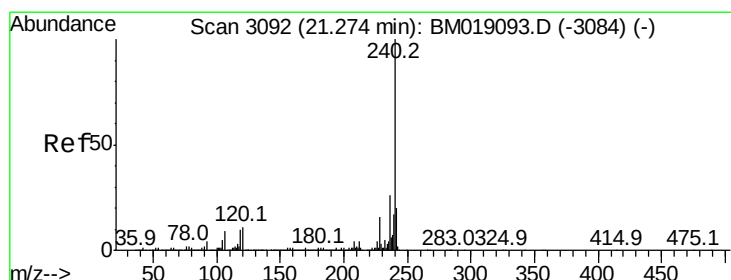
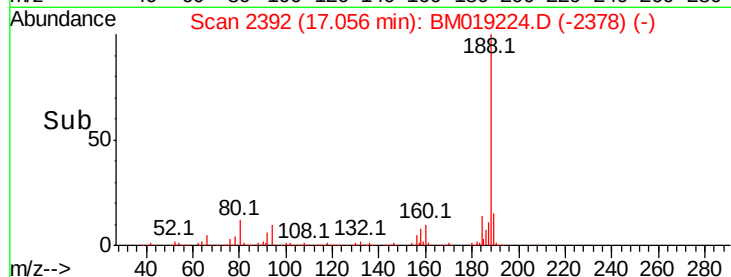
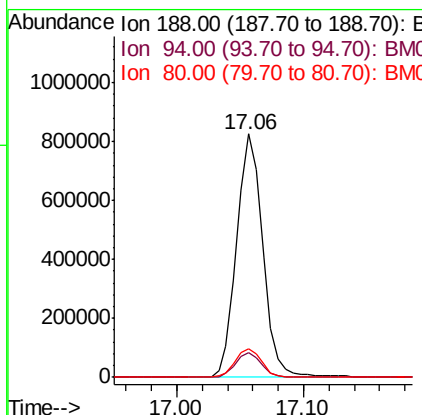
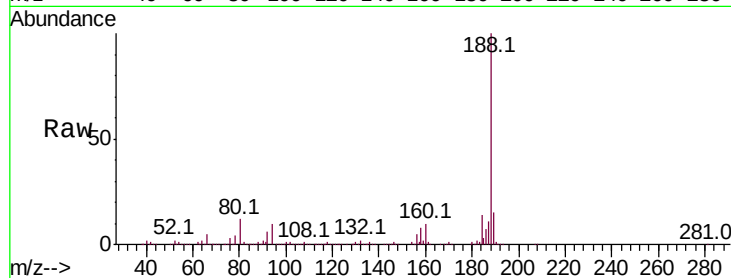




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.02 min
Lab File: BM019224.D
Acq: 18 Mar 2019 20:17

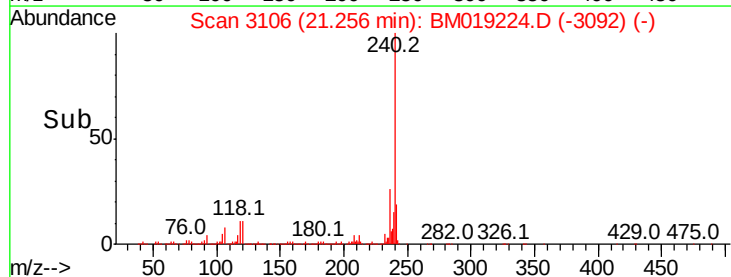
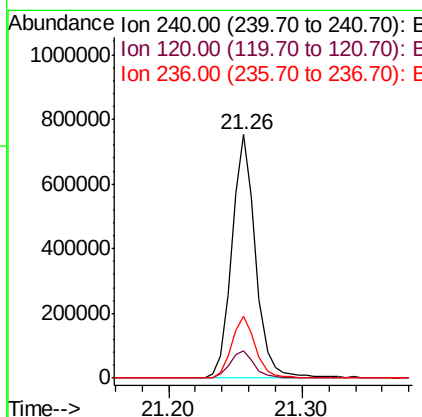
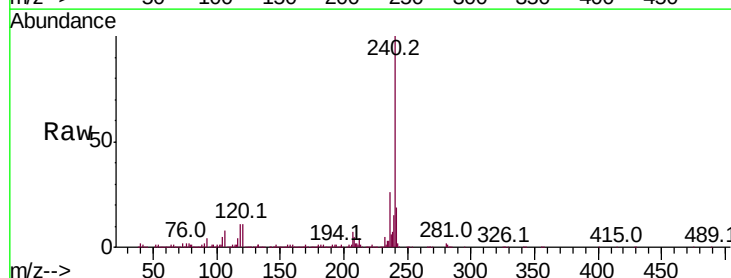
Instrument :
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PST-028-B100-031219

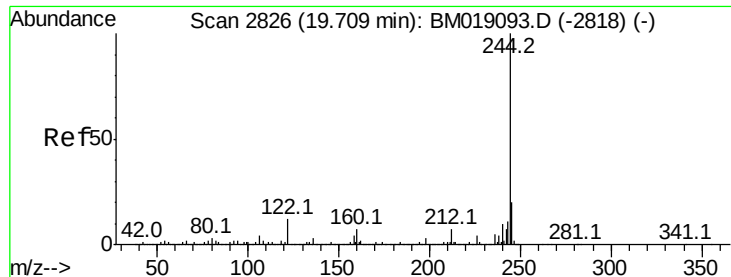
Tot Ion:188 Resp: 1182232
Ion Ratio Lower Upper
188 100
94 10.1 8.1 12.1
80 12.0 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3106
Delta R.T. -0.02 min
Lab File: BM019224.D
Acq: 18 Mar 2019 20:17

Tgt Ion:240 Resp: 937466
Ion Ratio Lower Upper
240 100
120 11.2 8.9 13.3
236 25.6 21.0 31.4

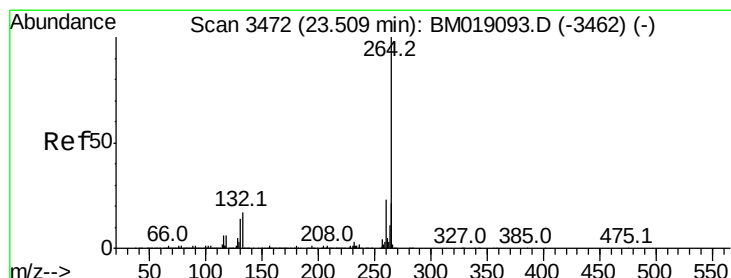
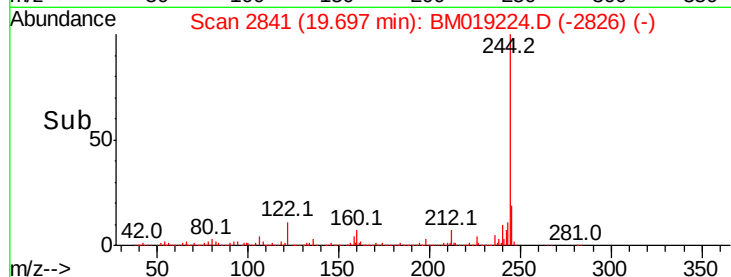
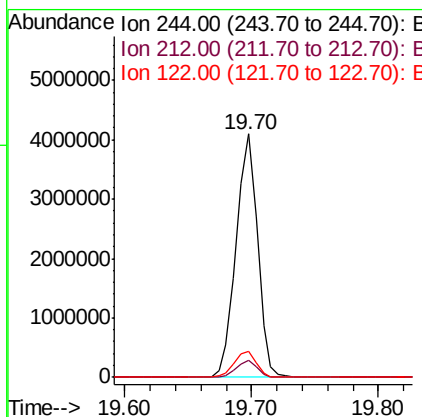
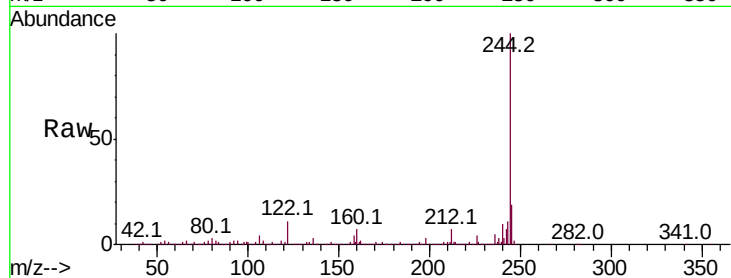




#79
 Terphenyl-d14
 Concen: 101.546 ng
 RT: 19.70 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BM019224.D
 Acq: 18 Mar 2019 20:17

Instrument :
 BNA_M
 ClientSampleId :
 PST-028-B100-031219

Tot Ion:244 Resp: 4795235
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.9 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.49 min Scan# 3486
 Delta R.T. -0.02 min
 Lab File: BM019224.D
 Acq: 18 Mar 2019 20:17

Tgt Ion:264 Resp: 869128
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 21.6 17.3 25.9

