

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM020119\
 Data File : BM018710.D
 Acq On : 01 Feb 2019 17:37
 Operator : JU/SJ
 Sample : K1307-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 013019-SIDI-E-U-M

Quant Time: Feb 01 22:16:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 22:01:30 2019
 Response via : Initial Calibration

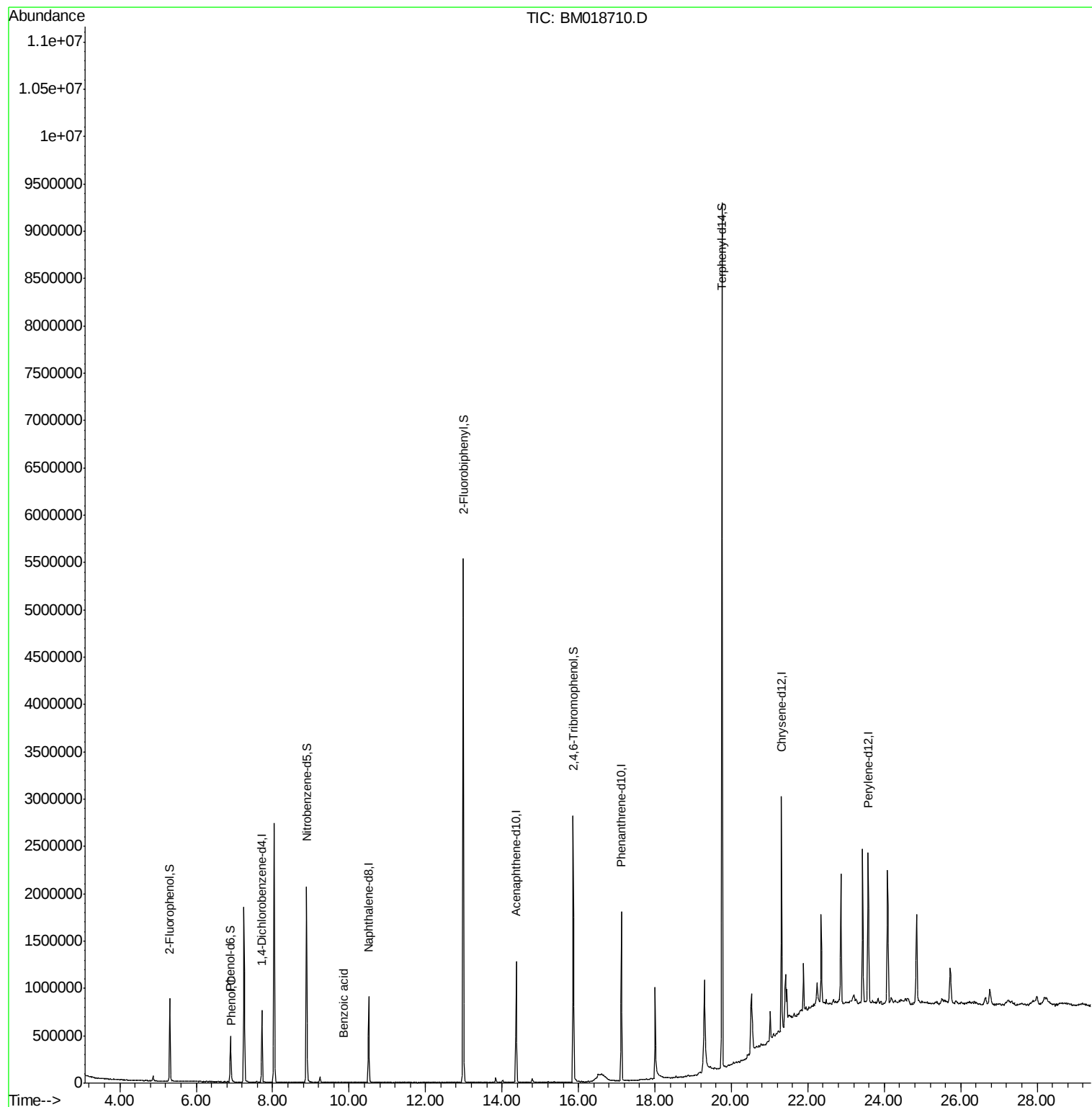
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	200404	20.00	ng	-0.02
21) Naphthalene-d8	10.51	136	757218	20.00	ng	-0.02
39) Acenaphthene-d10	14.37	164	428063	20.00	ng	-0.02
64) Phenanthrene-d10	17.12	188	994955	20.00	ng	-0.02
76) Chrysene-d12	21.32	240	1098515	20.00	ng	-0.02
87) Perylene-d12	23.58	264	1133078	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	367607	33.87	ng	-0.02
7) Phenol-d6	6.89	99	272847	19.79	ng	-0.02
23) Nitrobenzene-d5	8.89	82	1166531	89.31	ng	-0.02
42) 2,4,6-Tribromophenol	15.87	330	507620	93.13	ng	-0.02
45) 2-Fluorobiphenyl	12.99	172	2826790	86.17	ng	-0.02
79) Terphenyl-d14	19.76	244	4093846	78.56	ng	-0.01
Target Compounds						
10) Phenol	6.92	94	34309	2.449	ng	99
32) Benzoic acid	9.88	122	121	6.519	ng	# 26

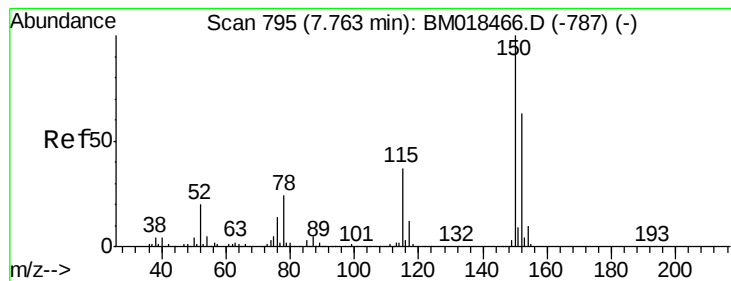
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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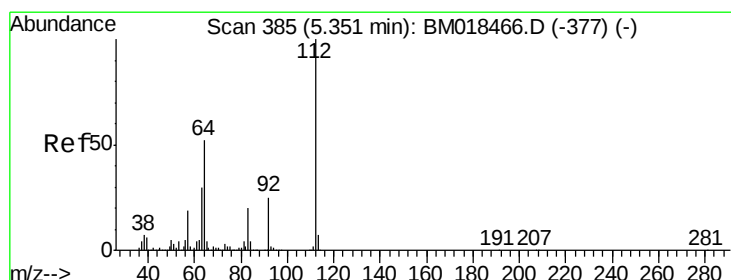
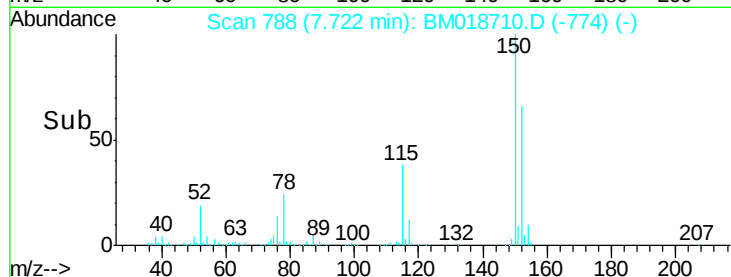
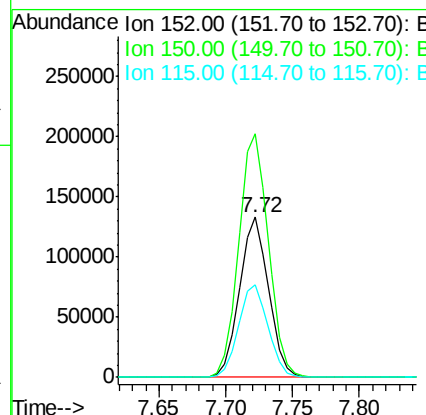
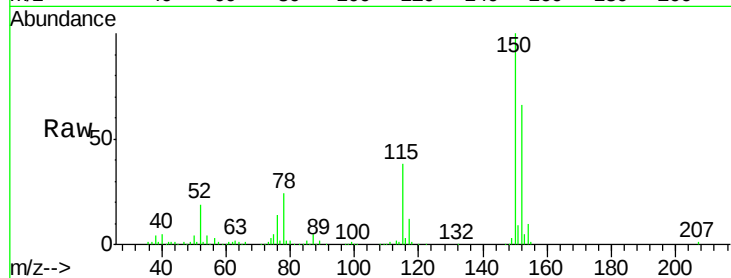


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM018710.D
Acq: 01 Feb 2019 17:37

Instrument :
BNA_M
ClientSampleId :
013019-SIDI-E-U-M

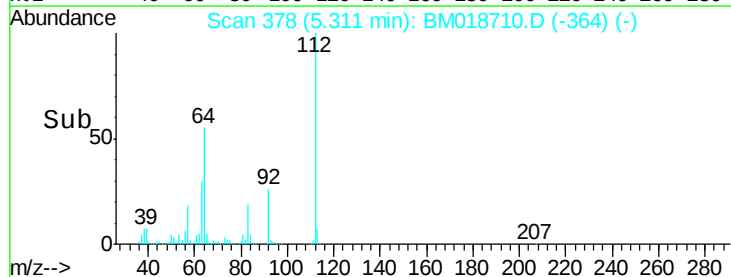
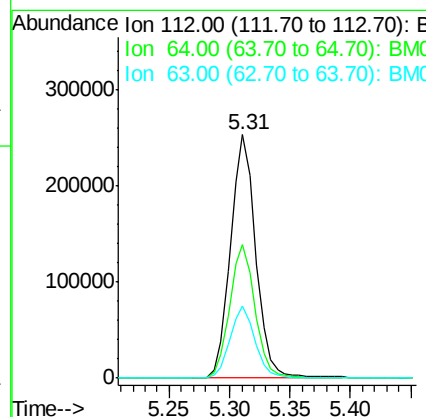
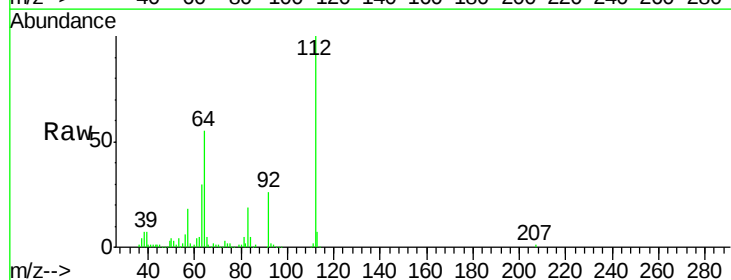
Tgt Ion:152 Resp: 200404
Ion Ratio Lower Upper
152 100
150 152.2 126.9 190.3
115 57.9 45.5 68.3

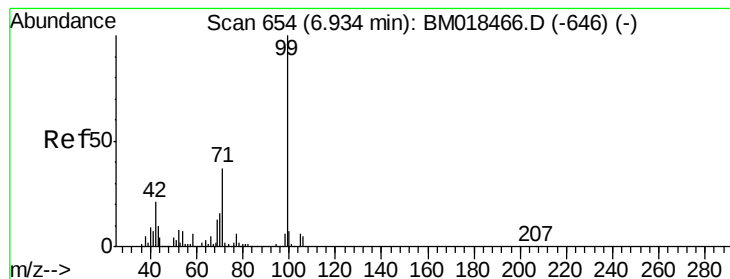


#5

2-Fluorophenol
Concen: 33.871 ng
RT: 5.31 min Scan# 378
Delta R.T. -0.02 min
Lab File: BM018710.D
Acq: 01 Feb 2019 17:37

Tgt Ion:112 Resp: 367607
Ion Ratio Lower Upper
112 100
64 54.8 46.5 69.7
63 29.5 25.2 37.8





#7

Phenol-d6

Concen: 19.793 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.02 min

Lab File: BM018710.D

Acq: 01 Feb 2019 17:37

Instrument :

BNA_M

ClientSampleId :

013019-SIDI-E-U-M

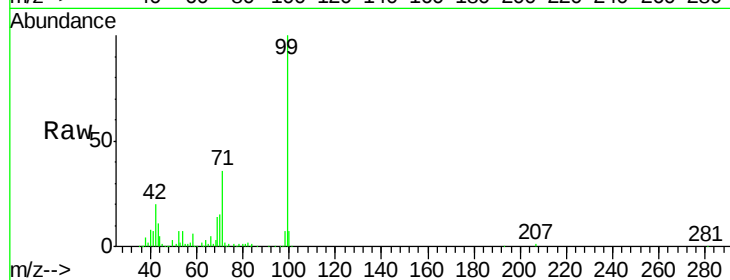
Tgt Ion: 99 Resp: 272847

Ion Ratio Lower Upper

99 100

42 20.3 17.3 25.9

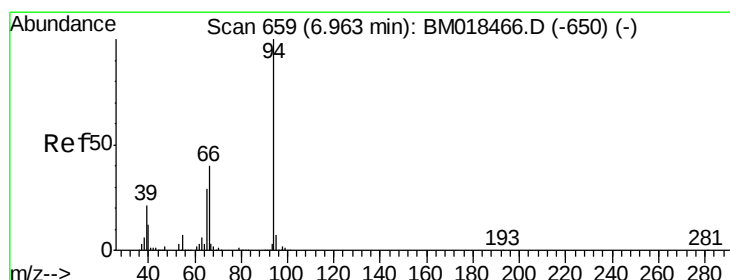
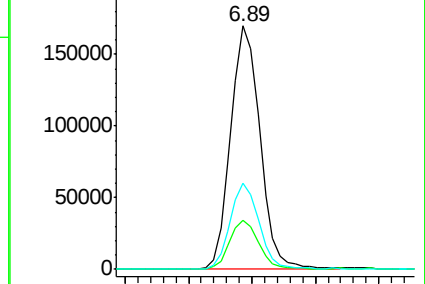
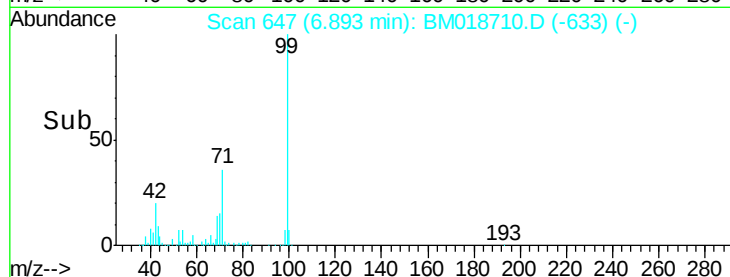
71 35.6 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018710.D (-633) (-)

Ion 42.00 (41.70 to 42.70): BM018710.D (-633) (-)

Ion 71.00 (70.70 to 71.70): BM018710.D (-633) (-)



#10

Phenol

Concen: 2.449 ng

RT: 6.92 min Scan# 652

Delta R.T. -0.02 min

Lab File: BM018710.D

Acq: 01 Feb 2019 17:37

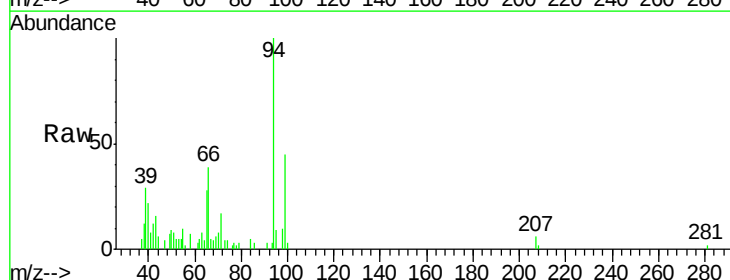
Tgt Ion: 94 Resp: 34309

Ion Ratio Lower Upper

94 100

65 28.3 9.4 49.4

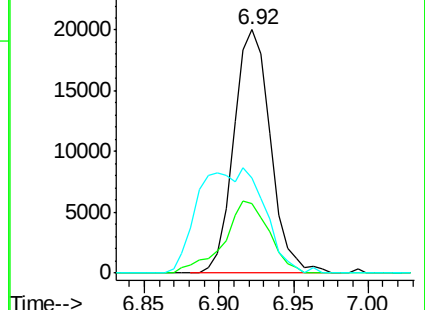
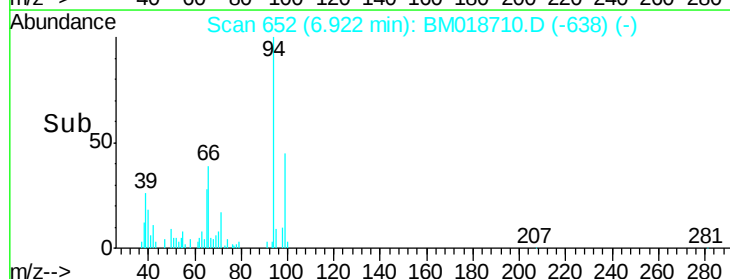
66 39.0 19.1 59.1

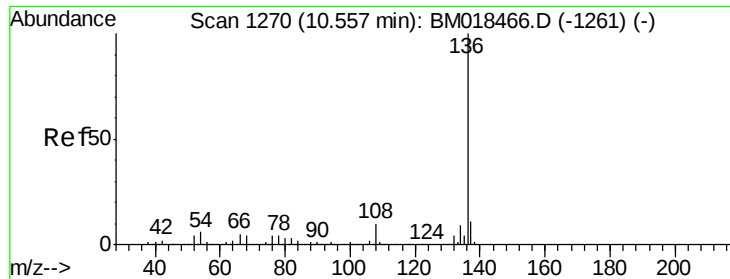


Abundance Ion 94.00 (93.70 to 94.70): BM018710.D (-638) (-)

Ion 65.00 (64.70 to 65.70): BM018710.D (-638) (-)

Ion 66.00 (65.70 to 66.70): BM018710.D (-638) (-)

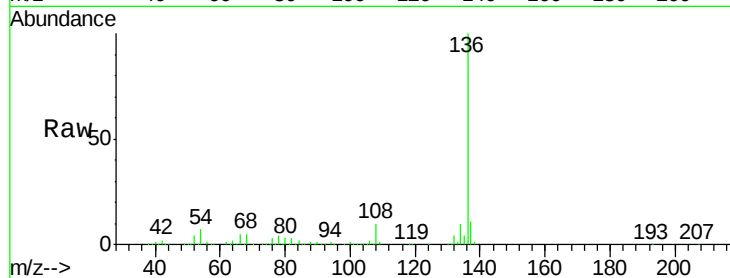




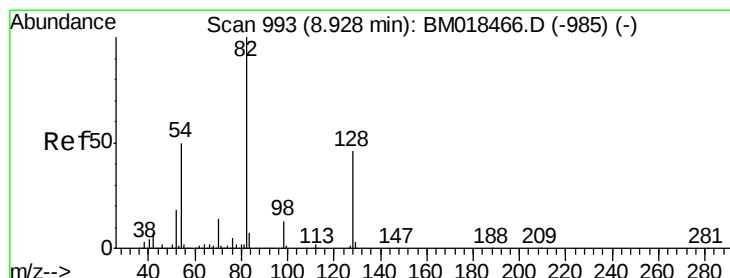
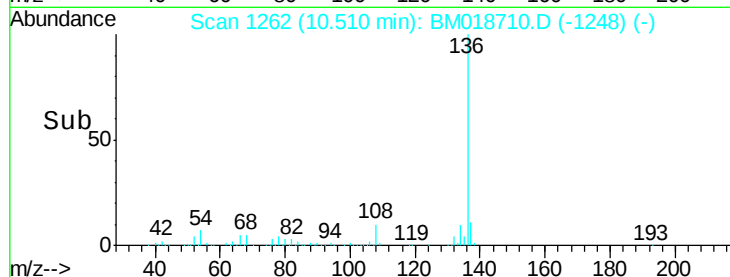
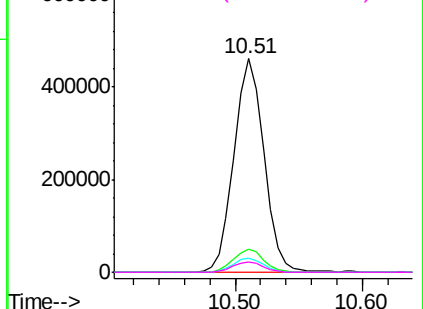
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BM018710.D
Acq: 01 Feb 2019 17:37

Instrument :
BNA_M
ClientSampleId :
013019-SIDI-E-U-M

Tgt Ion:	136	Resp:	757218
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.6	6.0	9.0
68	4.5	4.5	6.7

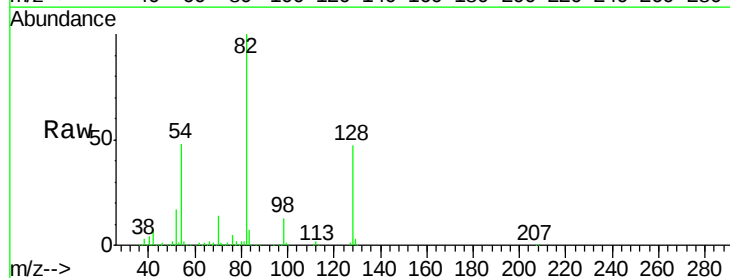


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

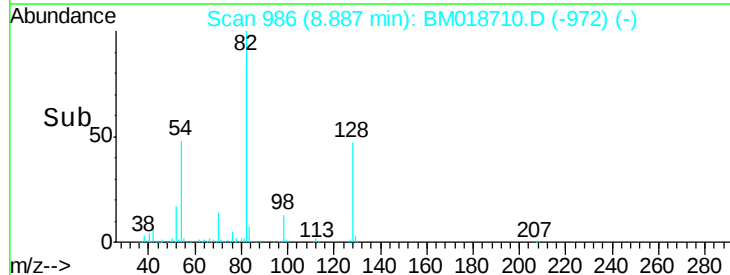
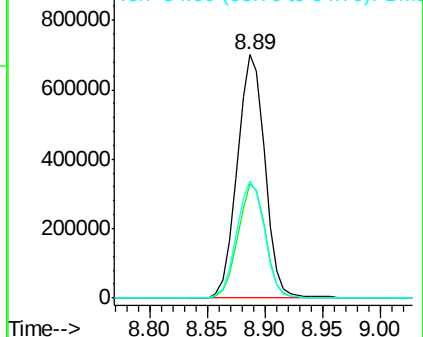


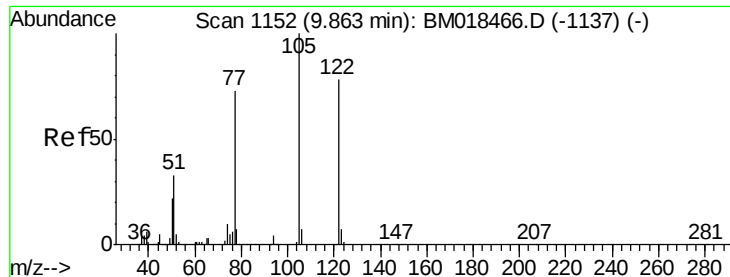
#23
Nitrobenzene-d5
Concen: 89.307 ng
RT: 8.89 min Scan# 986
Delta R.T. -0.02 min
Lab File: BM018710.D
Acq: 01 Feb 2019 17:37

Tgt Ion:	82	Resp:	1166531
Ion	Ratio	Lower	Upper
82	100		
128	46.7	36.3	54.5
54	48.3	41.7	62.5



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

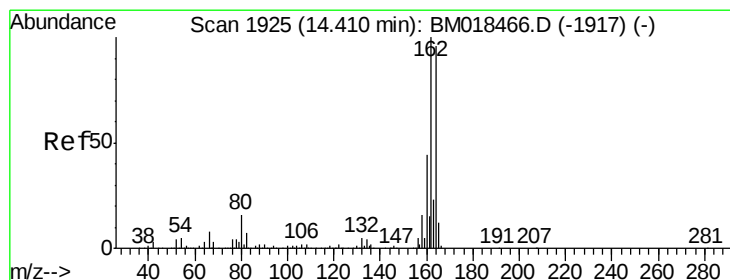
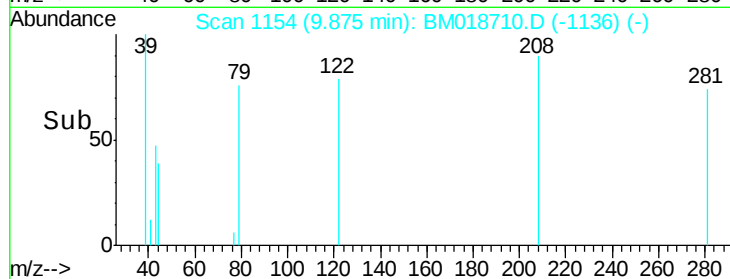
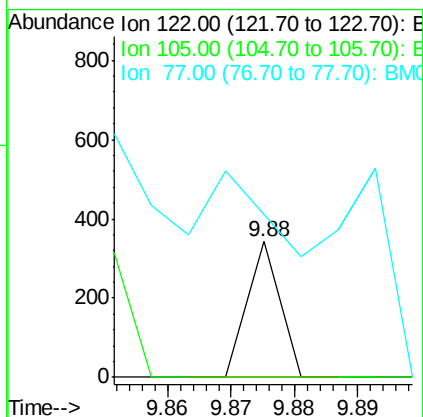
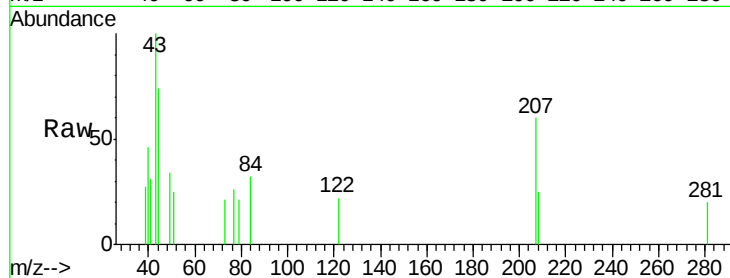




#32
Benzoic acid
Concen: 6.519 ng
RT: 9.88 min Scan# 1154
Delta R.T. 0.01 min
Lab File: BM018710.D
Acq: 01 Feb 2019 17:37

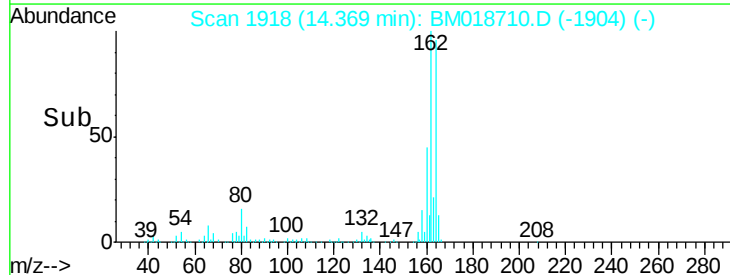
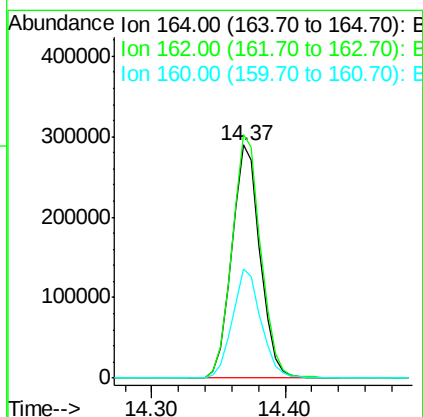
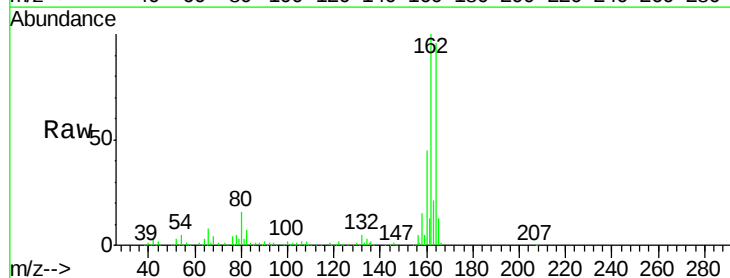
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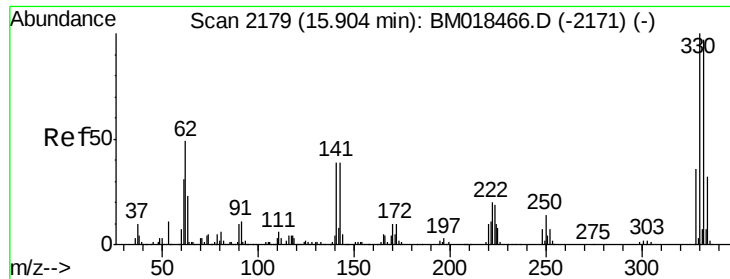
Tgt Ion:122 Resp: 121
Ion Ratio Lower Upper
122 100
105 0.0 100.4 140.4#
77 119.5 71.7 111.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.37 min Scan# 1918
Delta R.T. -0.02 min
Lab File: BM018710.D
Acq: 01 Feb 2019 17:37

Tgt Ion:164 Resp: 428063
Ion Ratio Lower Upper
164 100
162 104.4 83.0 124.4
160 47.0 37.1 55.7

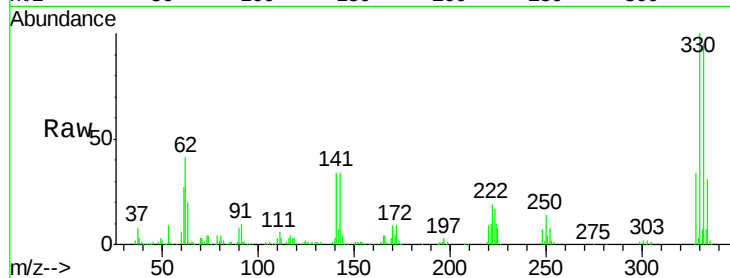




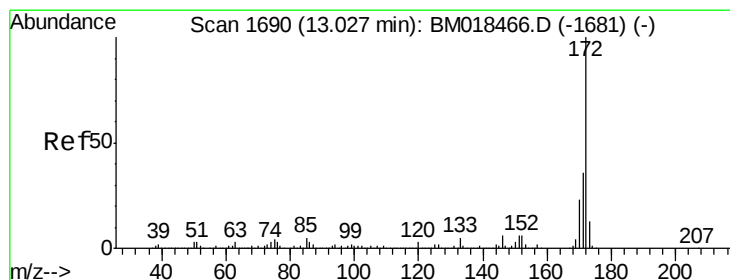
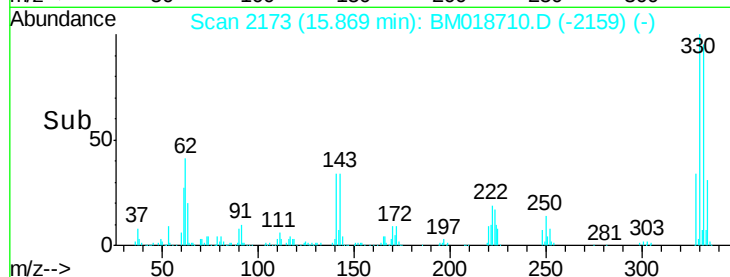
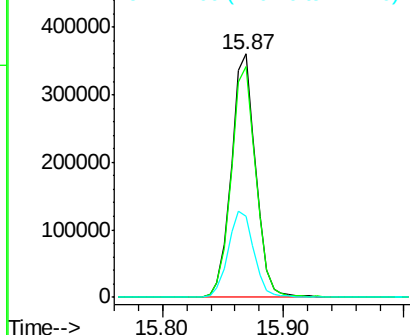
#42
 2,4,6-Tribromophenol
 Concen: 93.134 ng
 RT: 15.87 min Scan# 2173
 Delta R.T. -0.02 min
 Lab File: BM018710.D
 Acq: 01 Feb 2019 17:37

Instrument :
 BNA_M
 ClientSampleId :
 013019-SIDI-E-U-M

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.6	116.4
141	37.3	31.7	47.5

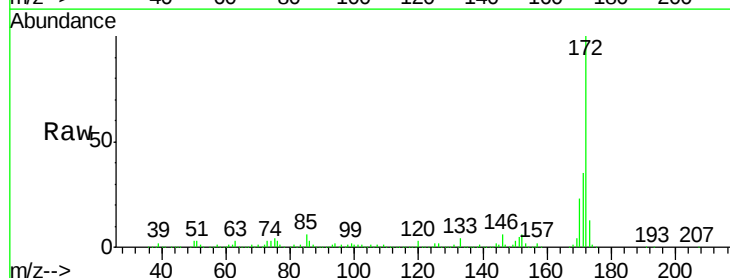


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

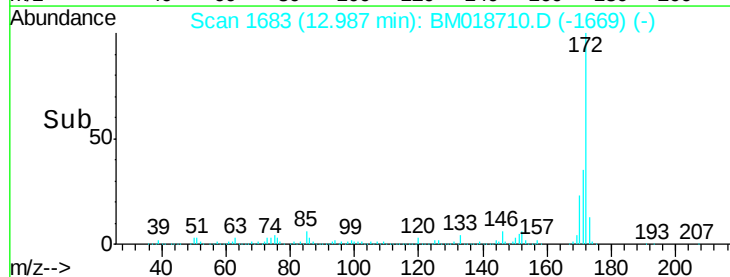
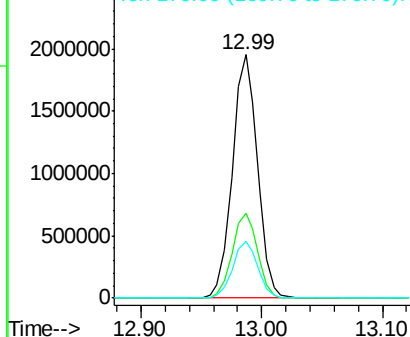


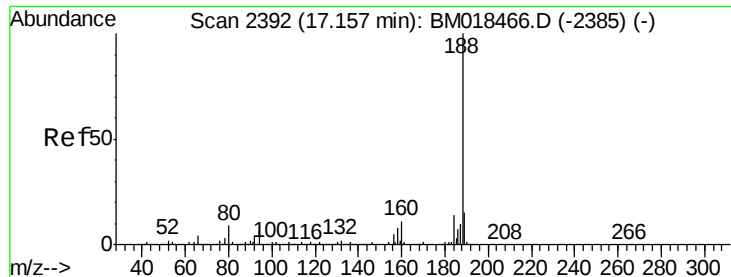
#45
 2-Fluorobiphenyl
 Concen: 86.169 ng
 RT: 12.99 min Scan# 1683
 Delta R.T. -0.02 min
 Lab File: BM018710.D
 Acq: 01 Feb 2019 17:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.4
170	23.1	18.9	28.3



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

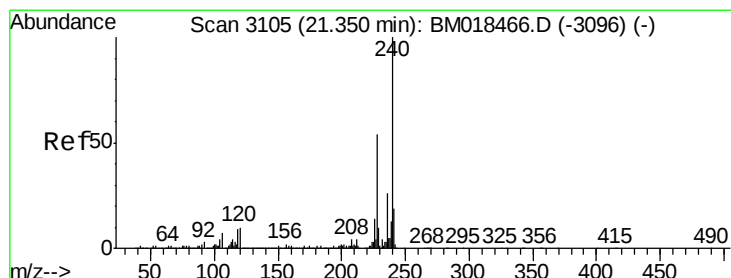
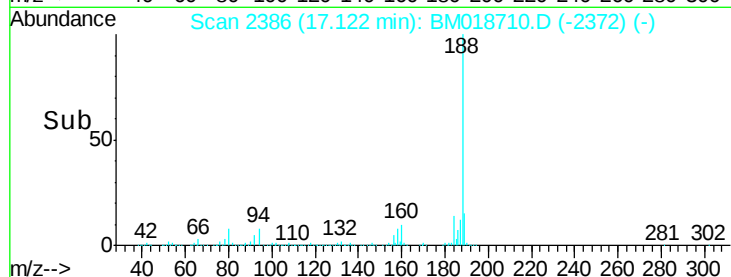
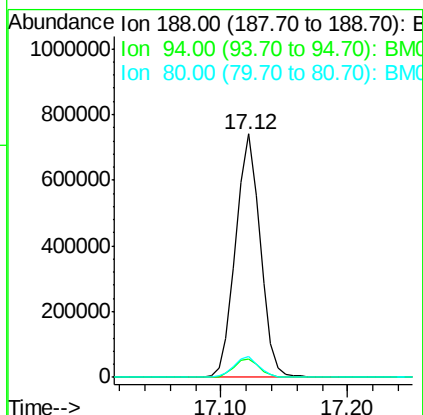
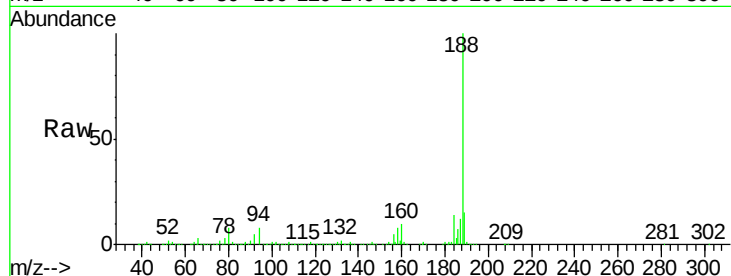




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2386
Delta R.T. -0.02 min
Lab File: BM018710.D
Acq: 01 Feb 2019 17:37

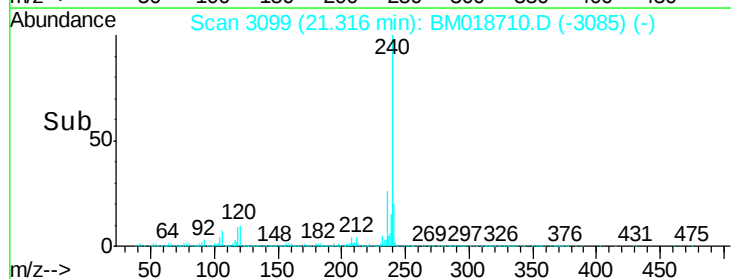
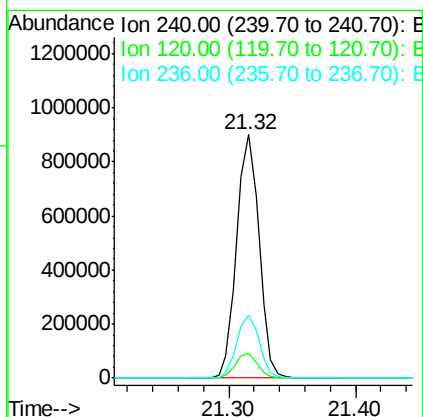
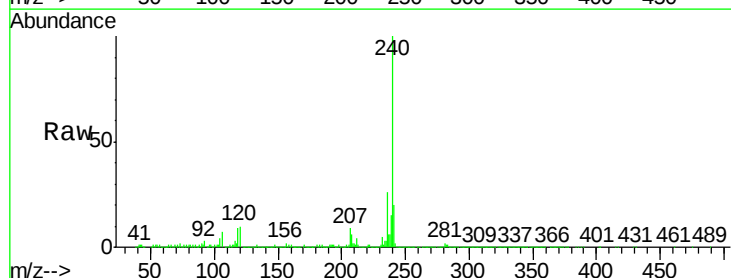
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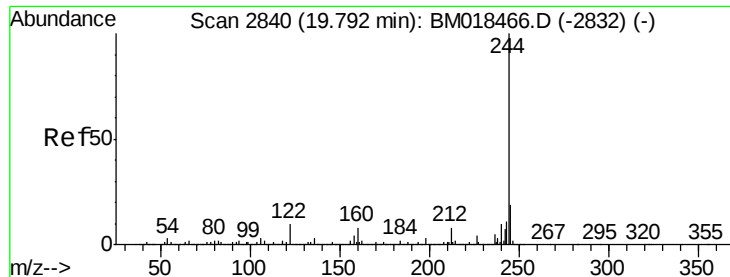
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.1	10.7
80	8.3	7.6	11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.32 min Scan# 3099
Delta R.T. -0.02 min
Lab File: BM018710.D
Acq: 01 Feb 2019 17:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.4	12.6
236	25.8	20.7	31.1

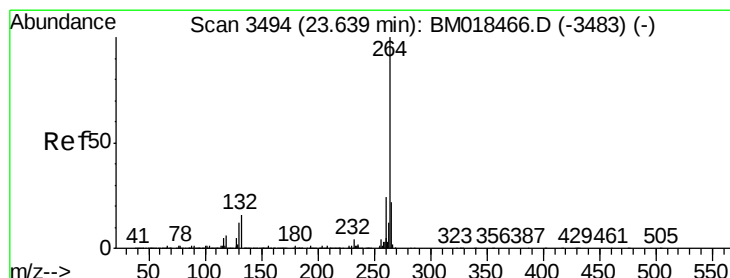
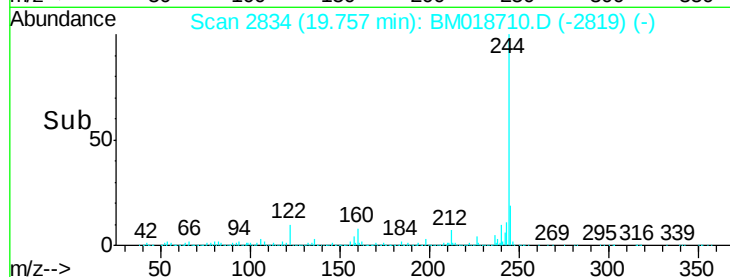
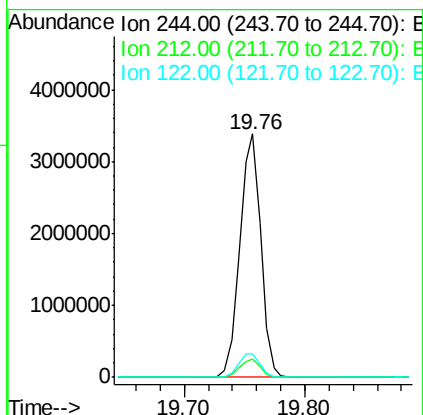
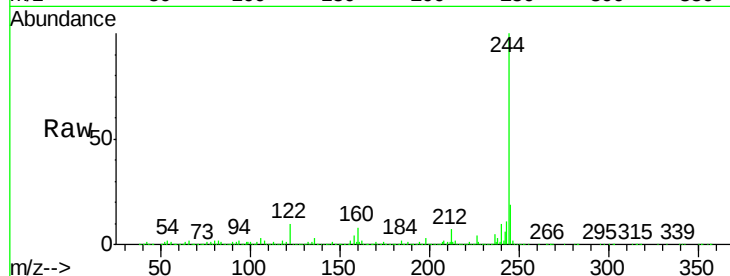




#79
 Terphenyl-d14
 Concen: 78.560 ng
 RT: 19.76 min Scan# 2834
 Delta R.T. -0.01 min
 Lab File: BM018710.D
 Acq: 01 Feb 2019 17:37

Instrument :
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 ClientSampleId :
 013019-SIDI-E-U-M

Tgt Ion:244 Resp: 4093846
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 9.8 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.58 min Scan# 3484
 Delta R.T. -0.02 min
 Lab File: BM018710.D
 Acq: 01 Feb 2019 17:37

Tgt Ion:264 Resp: 1133078
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.9 28.3
 265 22.7 16.8 25.2

