

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030519\
 Data File : BM019067.D
 Acq On : 06 Mar 2019 11:49
 Operator : JU/SJ
 Sample : K1705-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW003-022719

Quant Time: Mar 06 15:59:59 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

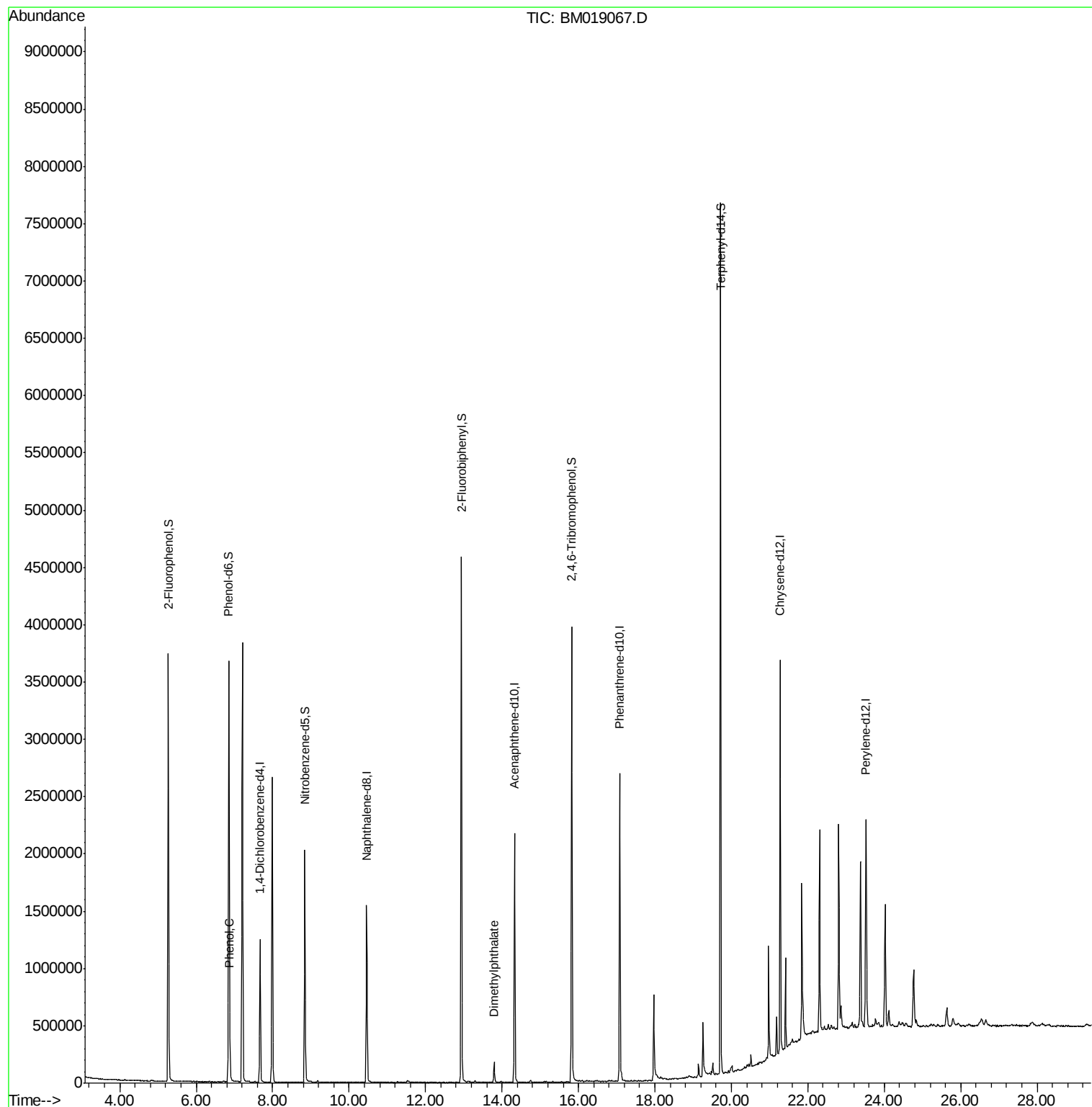
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	328402	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1260948	20.00	ng	-0.01
39) Acenaphthene-d10	14.33	164	684939	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	1507636	20.00	ng	0.00
76) Chrysene-d12	21.28	240	1465692	20.00	ng	0.00
87) Perylene-d12	23.52	264	1301709	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1542881	76.98	ng	0.00
7) Phenol-d6	6.85	99	2142791	75.89	ng	0.00
23) Nitrobenzene-d5	8.84	82	1330855	48.80	ng	-0.01
42) 2,4,6-Tribromophenol	15.83	330	751255	76.09	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	2295236	44.48	ng	-0.01
79) Terphenyl-d14	19.72	244	3358697	47.27	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.85	77	6973	Below Cal		Qvalue # 7
10) Phenol	6.88	94	130688	4.399	ng	97
50) Dimethylphthalate	13.79	163	127045	2.226	ng	99

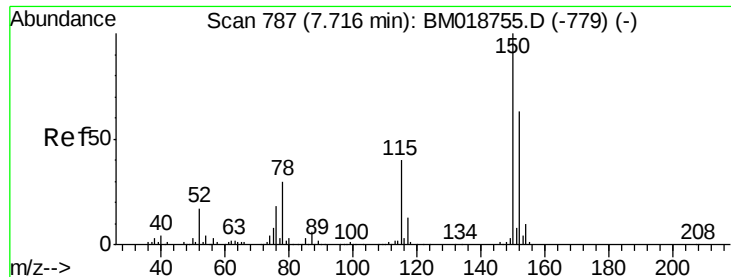
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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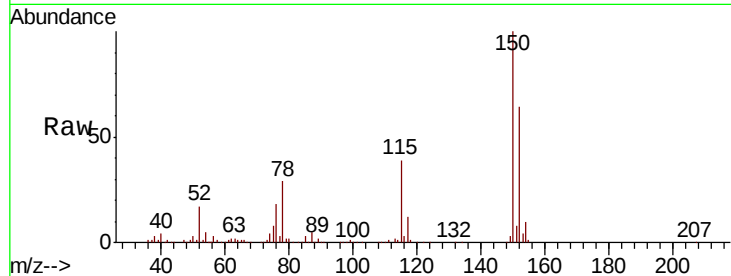


#1

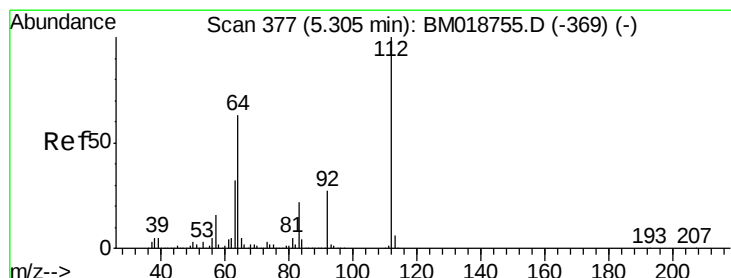
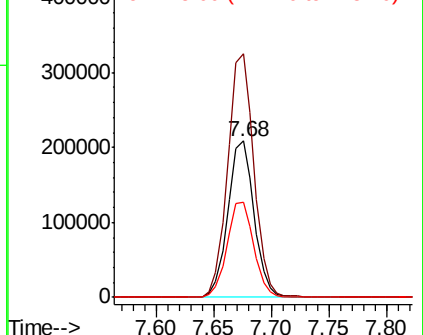
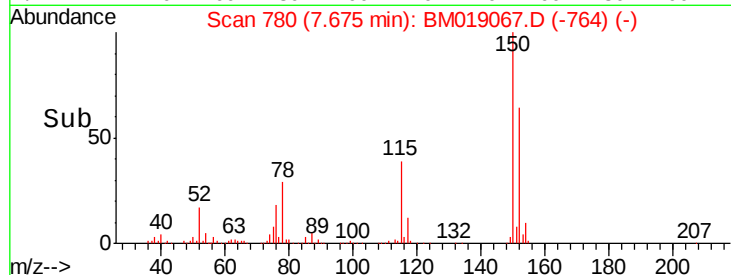
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 780
Delta R.T. -0.01 min
Lab File: BM019067.D
Acq: 06 Mar 2019 11:49

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW003-022719

Tot Ion:152 Resp: 328402
Ion Ratio Lower Upper
152 100
150 156.1 127.3 190.9
115 61.3 50.8 76.2



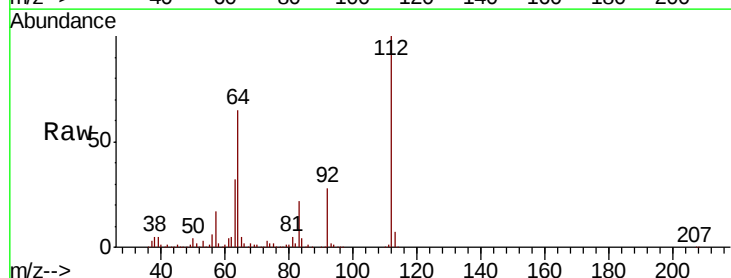
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



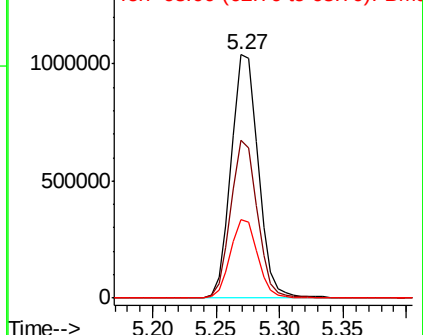
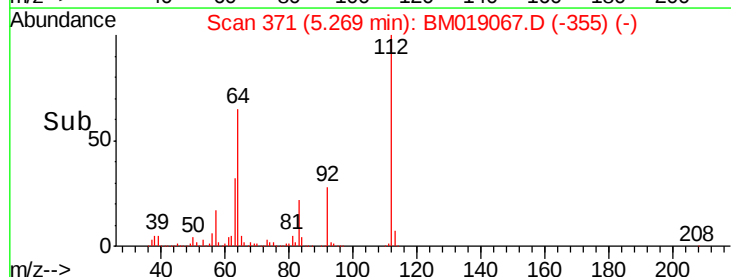
#5

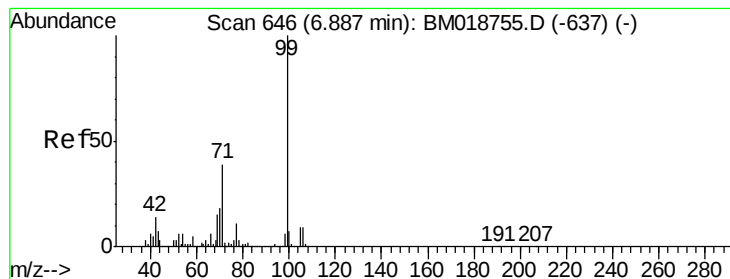
2-Fluorophenol
Concen: 76.978 ng
RT: 5.27 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM019067.D
Acq: 06 Mar 2019 11:49

Tgt Ion:112 Resp: 1542881
Ion Ratio Lower Upper
112 100
64 64.9 50.6 75.8
63 32.5 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: 75.889 ng

RT: 6.85 min Scan# 640

Delta R.T. -0.01 min

Lab File: BM019067.D

Acq: 06 Mar 2019 11:49

Instrument :

BNA_M

ClientSampleId :

EXT-028-SW003-022719

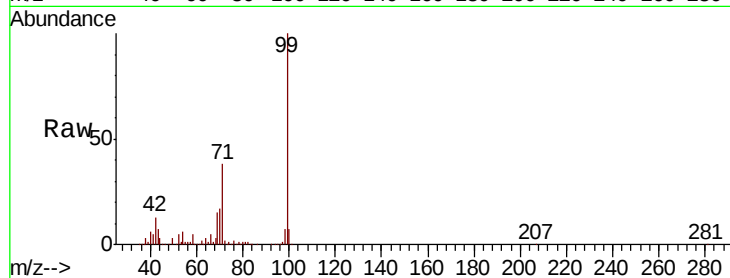
Tot Ion: 99 Resp: 2142791

Ion Ratio Lower Upper

99 100

42 13.5 11.0 16.6

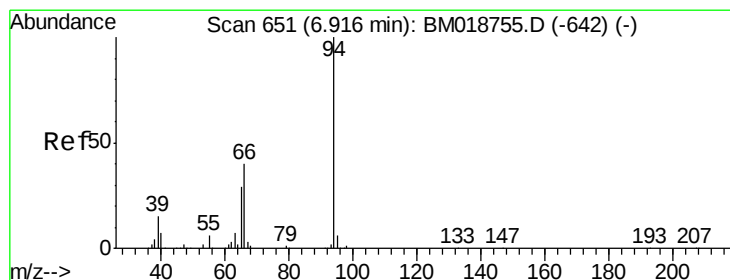
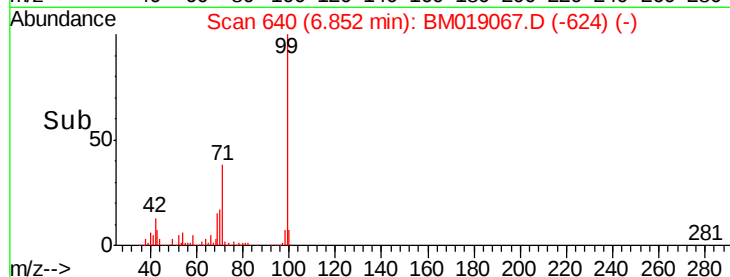
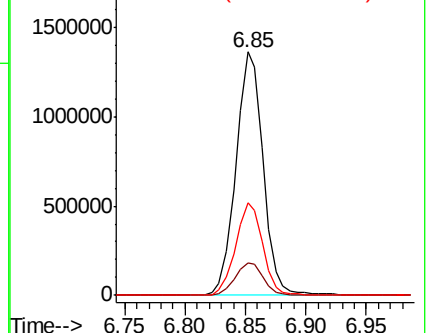
71 38.0 31.3 46.9



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) (-)



#10

Phenol

Concen: 4.399 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM019067.D

Acq: 06 Mar 2019 11:49

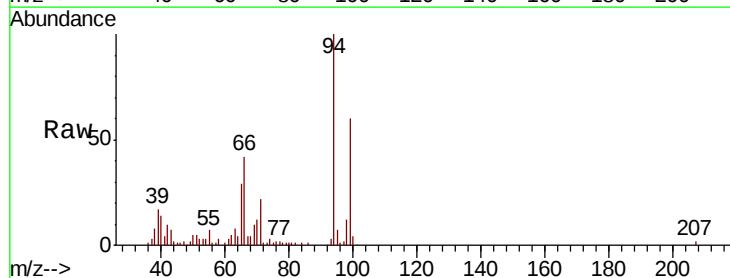
Tgt Ion: 94 Resp: 130688

Ion Ratio Lower Upper

94 100

65 28.7 9.6 49.6

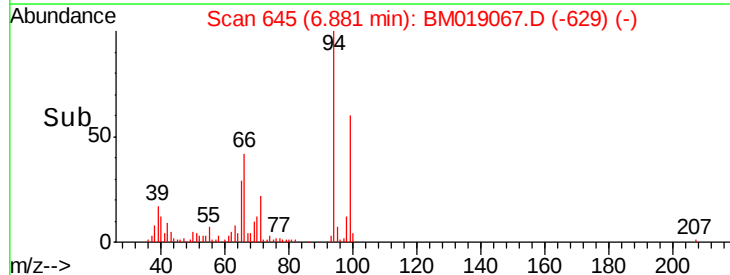
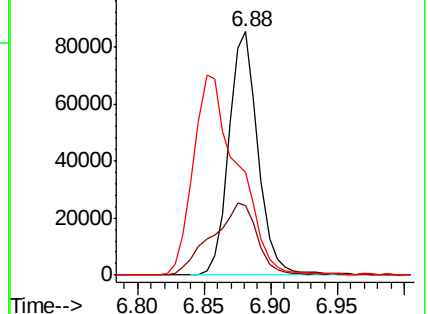
66 42.4 20.4 60.4

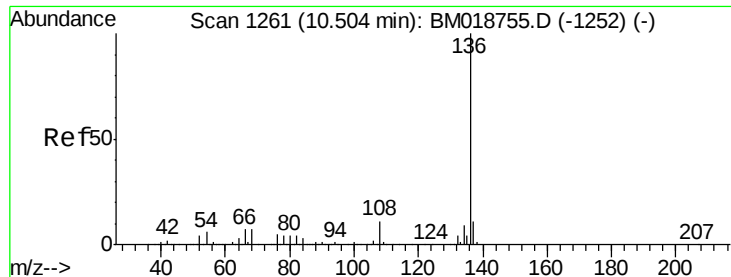


Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM018755.D (-642) (-)

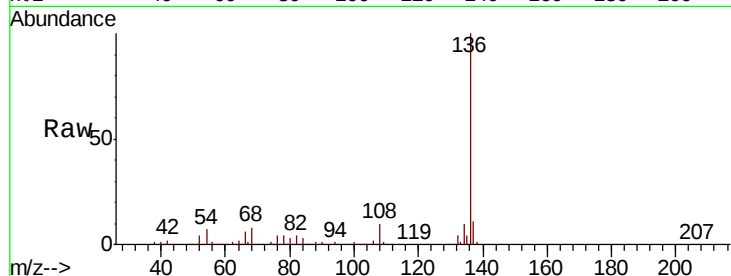




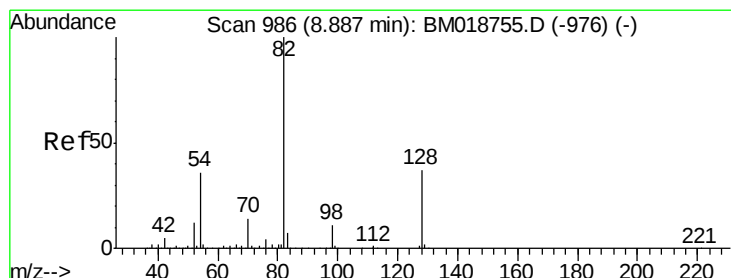
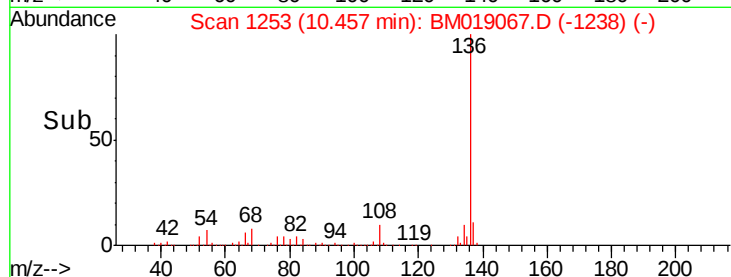
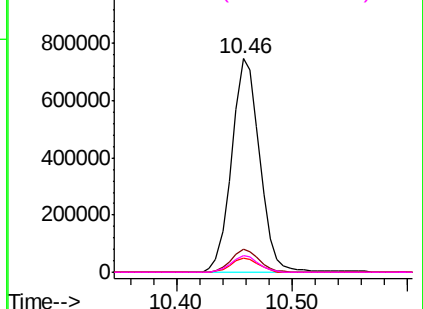
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BM019067.D
Acq: 06 Mar 2019 11:49

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW003-022719

Tot Ion:136	Resp: 1260948
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 6.6	5.0 7.6
68 7.8	5.5 8.3

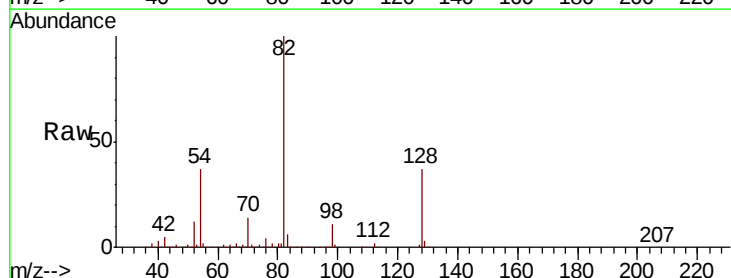


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

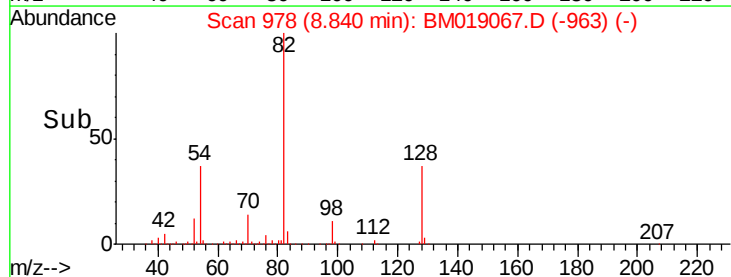
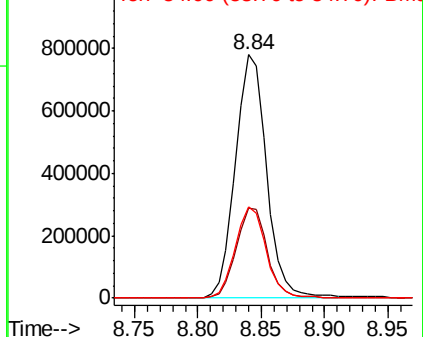


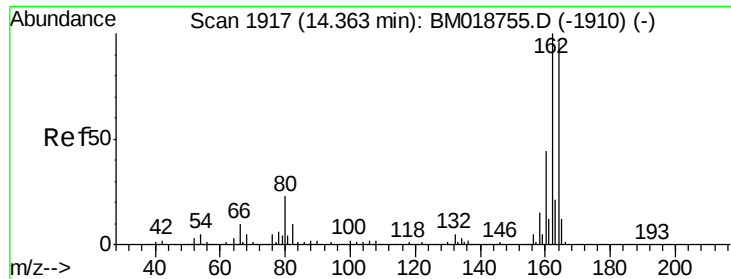
#23
Nitrobenzene-d5
Concen: 48.802 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BM019067.D
Acq: 06 Mar 2019 11:49

Tgt Ion: 82	Resp: 1330855
Ion Ratio	Lower Upper
82 100	
128 36.8	29.9 44.9
54 37.5	29.1 43.7



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

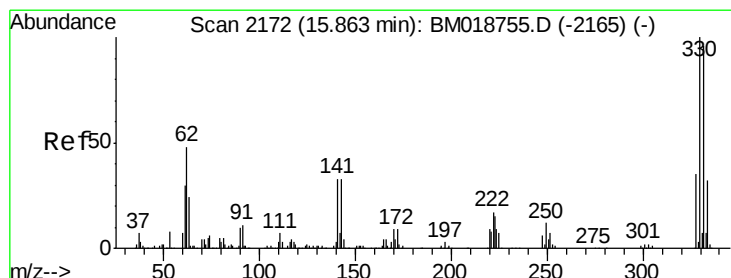
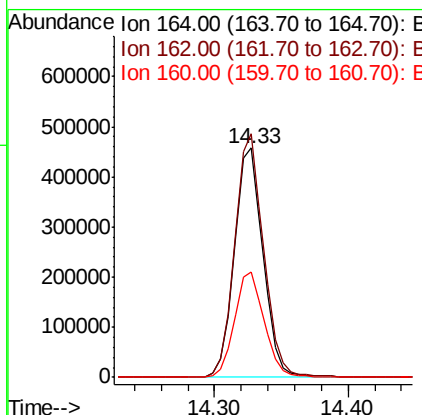
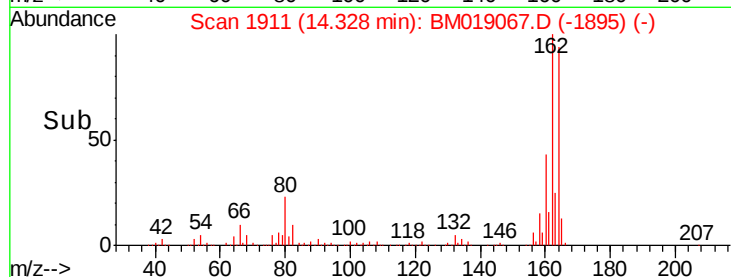
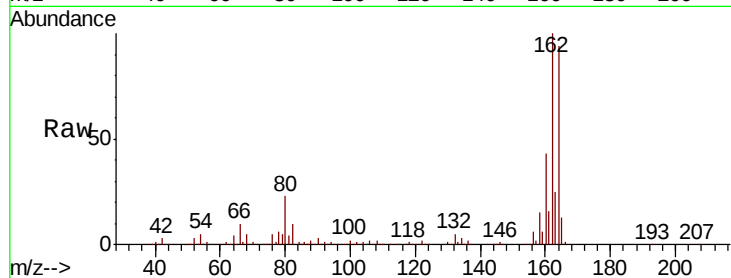




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM019067.D
Acq: 06 Mar 2019 11:49

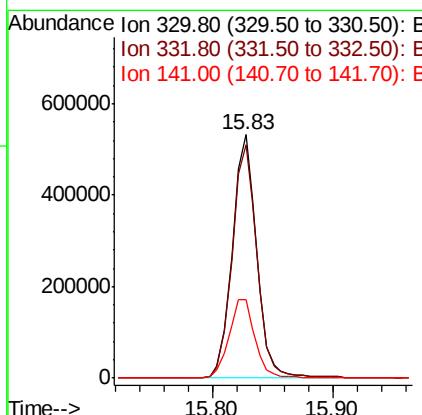
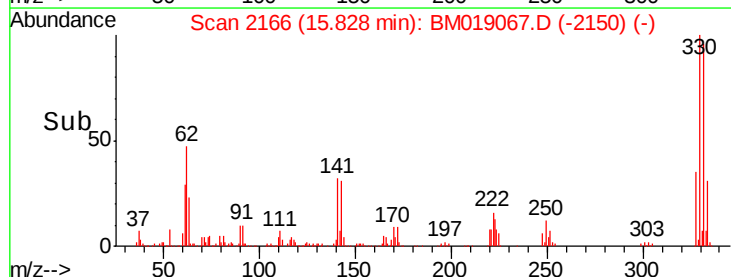
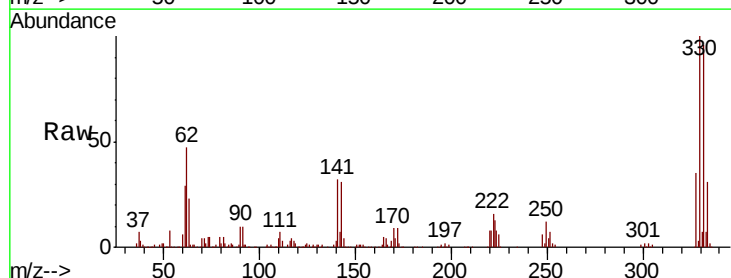
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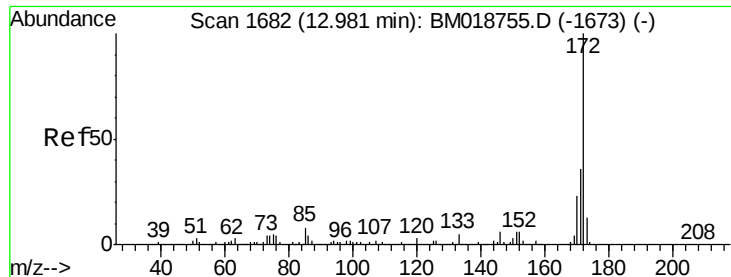
Tot Ion:164 Resp: 684939
Ion Ratio Lower Upper
164 100
162 106.3 83.4 125.0
160 46.2 36.6 55.0



#42
2,4,6-Tribromophenol
Concen: 76.090 ng
RT: 15.83 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BM019067.D
Acq: 06 Mar 2019 11:49

Tgt Ion:330 Resp: 751255
Ion Ratio Lower Upper
330 100
332 97.0 76.9 115.3
141 34.5 28.7 43.1

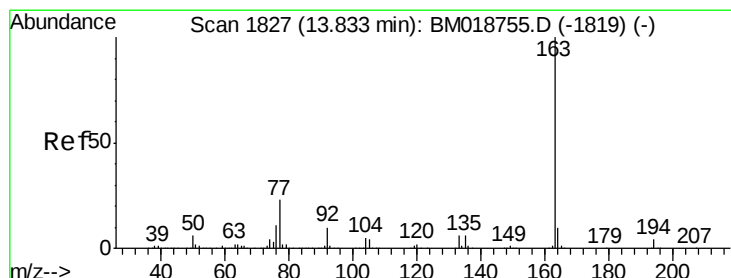
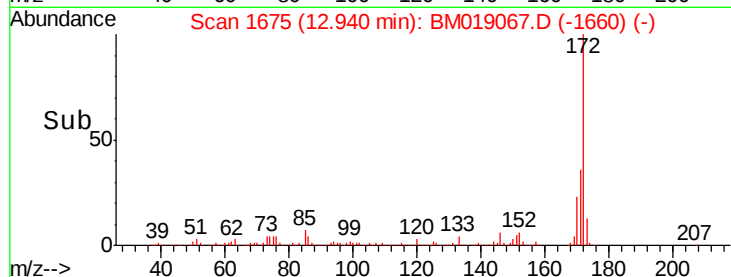
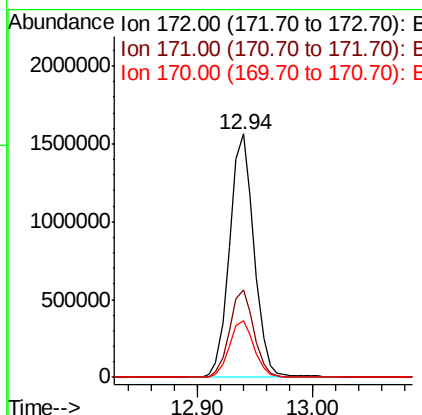
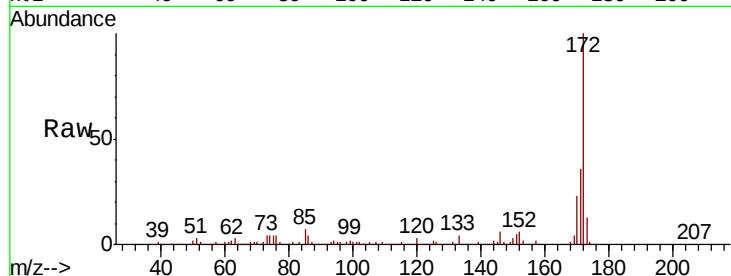




#45
2-Fluorobiphenyl
Concen: 44.484 ng
RT: 12.94 min Scan# 1675
Delta R.T. -0.01 min
Lab File: BM019067.D
Acq: 06 Mar 2019 11:49

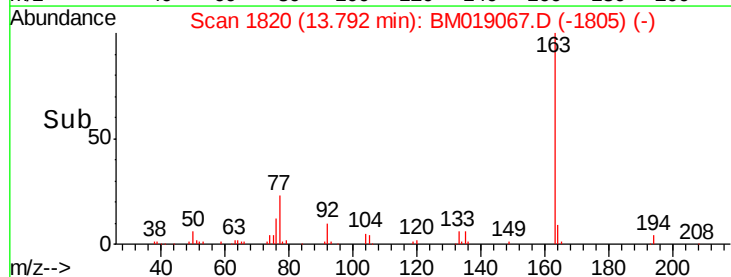
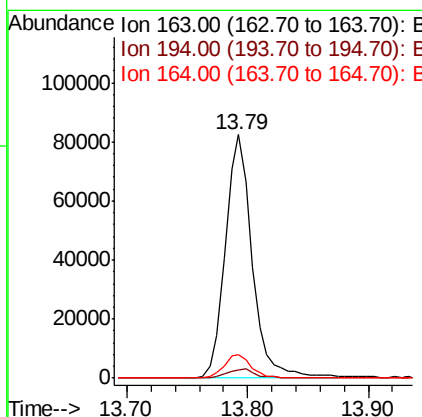
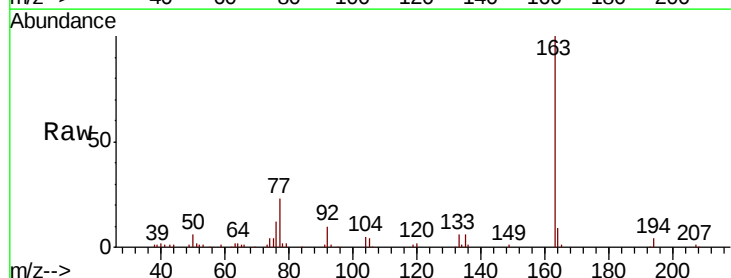
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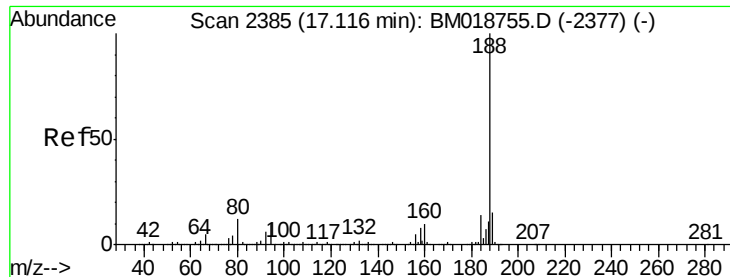
Tot Ion:172 Resp: 2295236
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 23.5 18.6 28.0



#50
Dimethylphthalate
Concen: 2.226 ng
RT: 13.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BM019067.D
Acq: 06 Mar 2019 11:49

Tgt Ion:163 Resp: 127045
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 9.4 7.8 11.8

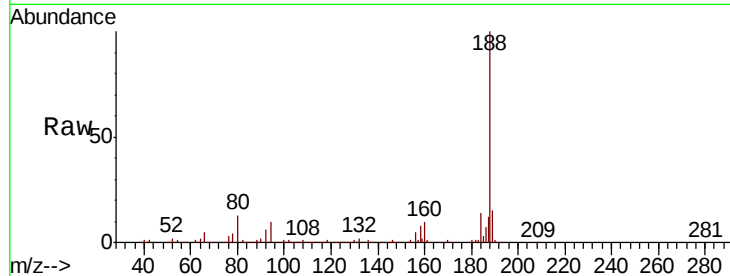




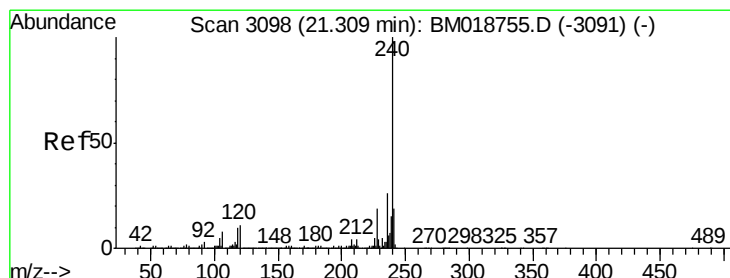
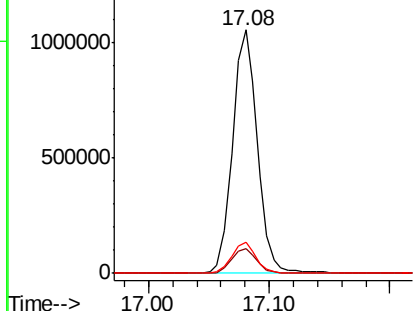
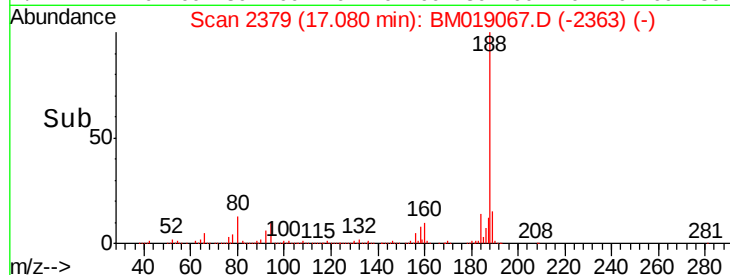
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM019067.D
Acq: 06 Mar 2019 11:49

Instrument :
BNA_M
ClientSampleId :
EXT-028-SW003-022719

Tot Ion:188 Resp: 1507636
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.2
80 12.7 9.7 14.5

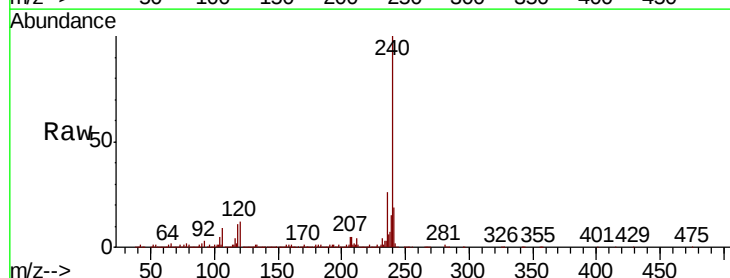


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

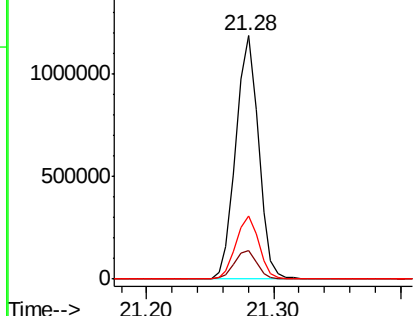
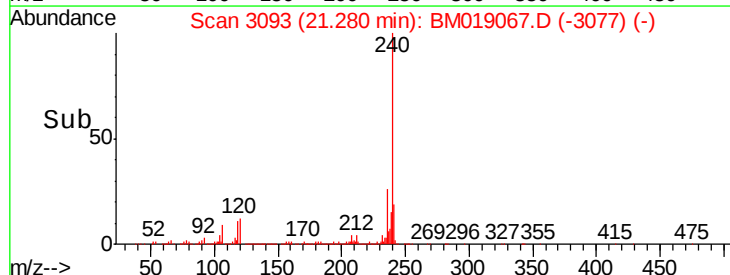


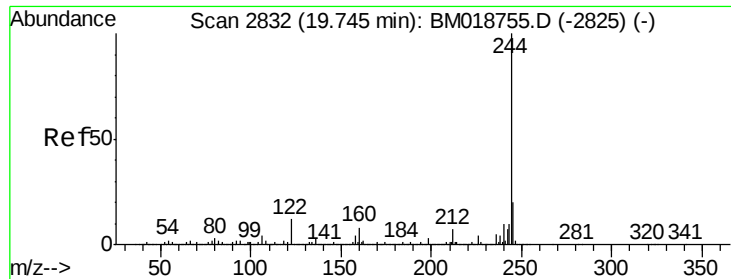
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.28 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM019067.D
Acq: 06 Mar 2019 11:49

Tgt Ion:240 Resp: 1465692
Ion Ratio Lower Upper
240 100
120 11.5 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

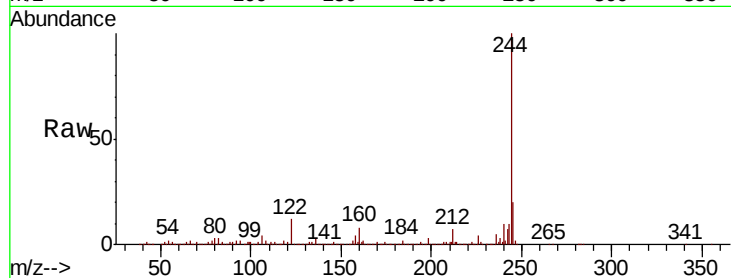




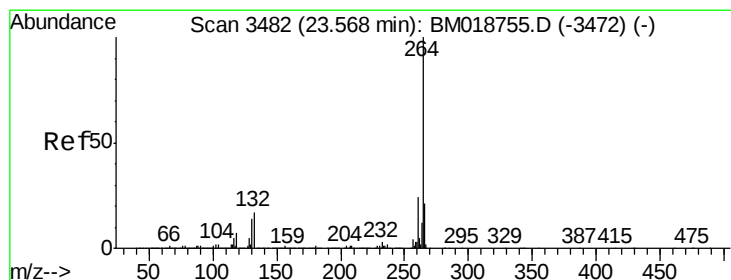
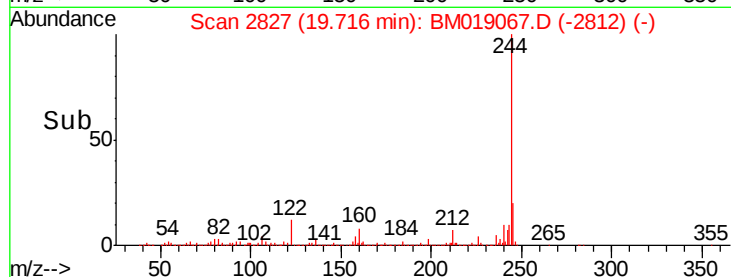
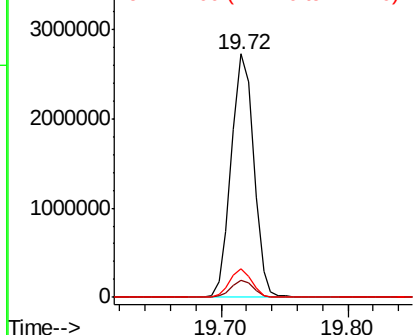
#79
 Terphenyl-d14
 Concen: 47.272 ng
 RT: 19.72 min Scan# 2827
 Delta R.T. -0.01 min
 Lab File: BM019067.D
 Acq: 06 Mar 2019 11:49

Instrument :
 BNA_M
 ClientSampleId :
 EXT-028-SW003-022719

Tot Ion:244 Resp: 3358697
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 11.5 9.3 13.9

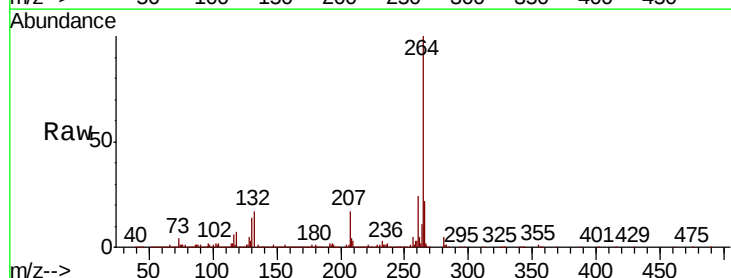


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.52 min Scan# 3474
 Delta R.T. -0.01 min
 Lab File: BM019067.D
 Acq: 06 Mar 2019 11:49

Tgt Ion:264 Resp: 1301709
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.9 28.3
 265 21.6 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

