

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
 Data File : BM018429.D
 Acq On : 28 Dec 2018 11:43
 Operator : JU/SJ
 Sample : J6571-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 50087

Quant Time: Dec 28 13:38:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM122718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 27 14:18:47 2018
 Response via : Initial Calibration

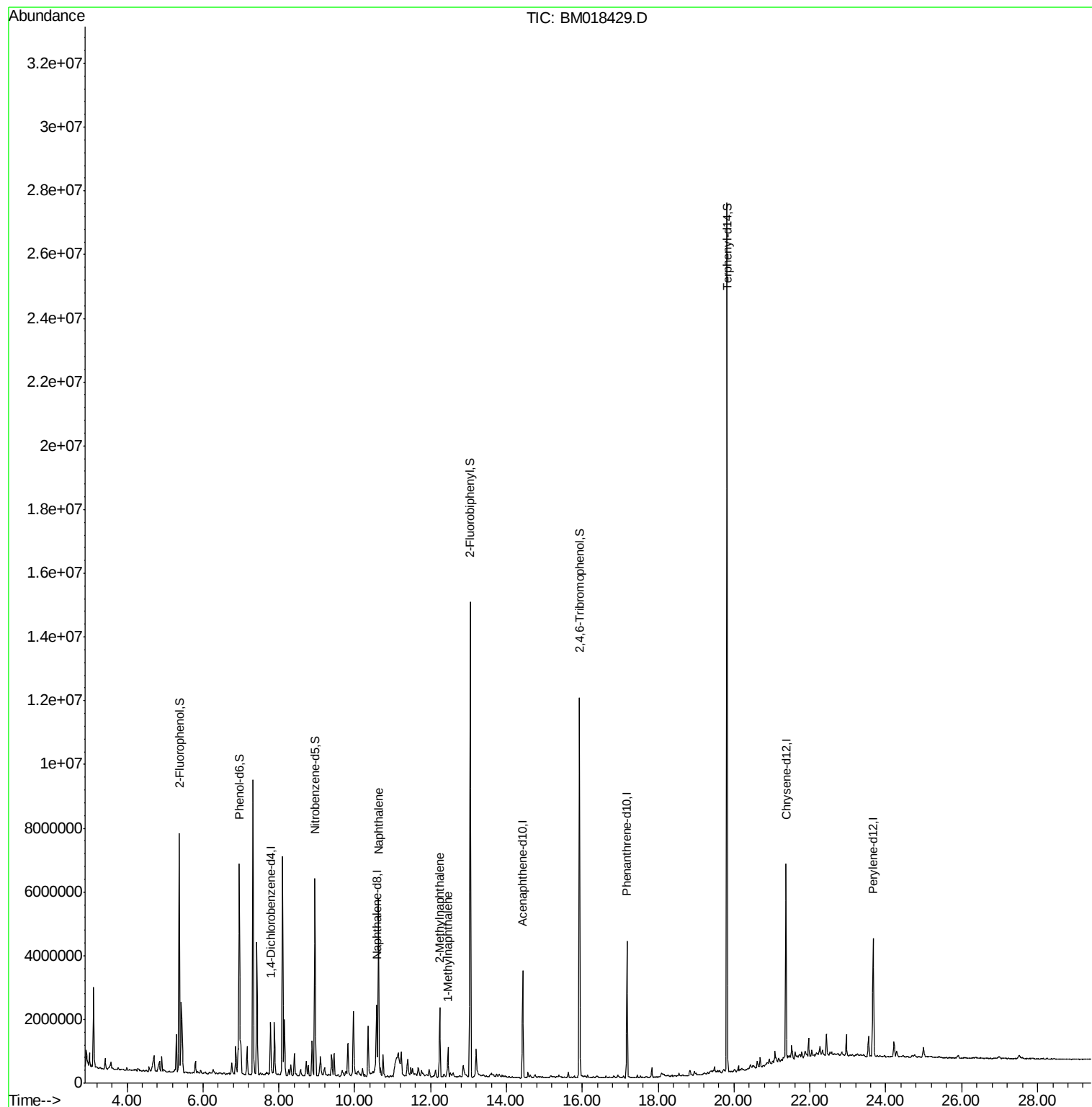
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	443152	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	1861477	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	1094325	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	2490262	20.00	ng	0.00
76) Chrysene-d12	21.37	240	2722610	20.00	ng	0.00
87) Perylene-d12	23.66	264	2584192	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	3269959	139.12	ng	0.02
7) Phenol-d6	6.96	99	3868166	118.52	ng	0.02
23) Nitrobenzene-d5	8.95	82	3042313	93.80	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	2141243	154.00	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	7755978	95.99	ng	0.00
79) Terphenyl-d14	19.81	244	11627852	91.01	ng	0.00
Target Compounds						
31) Naphthalene	10.63	128	4393392	48.968	ng	99
37) 2-Methylnaphthalene	12.24	142	1008783	15.354	ng	99
38) 1-Methylnaphthalene	12.46	142	423088	6.624	ng	97

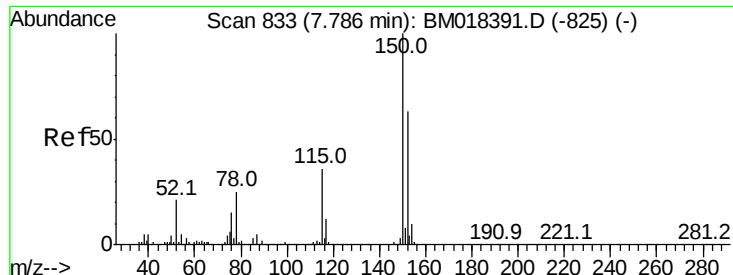
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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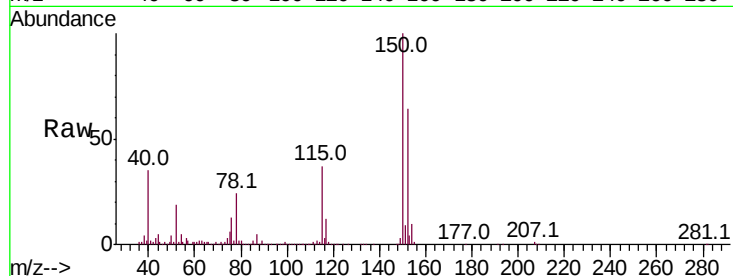


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BM018429.D
Acq: 28 Dec 2018 11:43

Instrument :
BNA_M
ClientSampleId :
50087

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.9	190.3
115	58.3	45.5	68.3

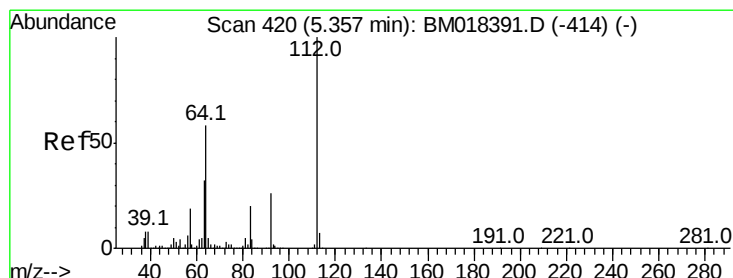
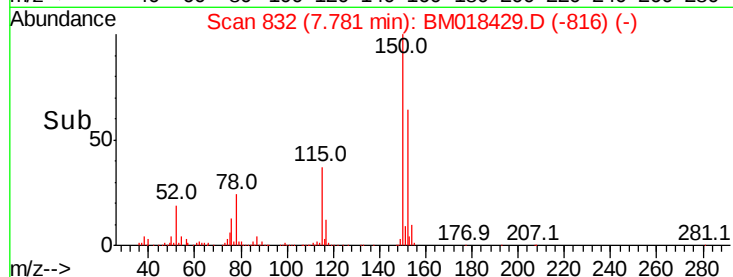
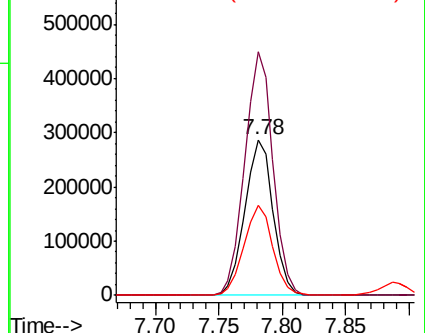


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

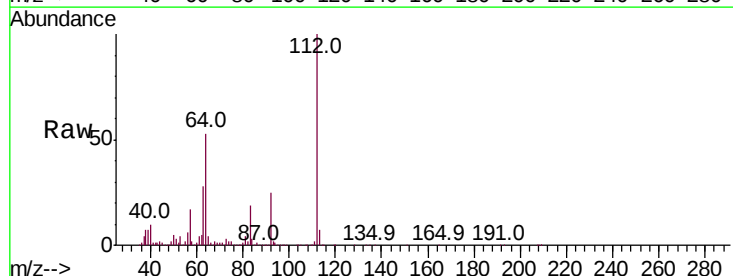
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 139.118 ng
RT: 5.38 min Scan# 423
Delta R.T. 0.02 min
Lab File: BM018429.D
Acq: 28 Dec 2018 11:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.3	46.5	69.7
63	28.3	25.2	37.8

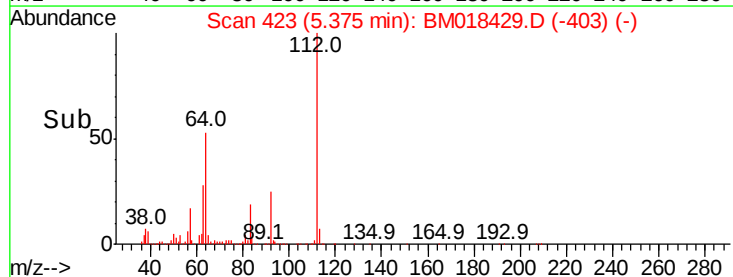
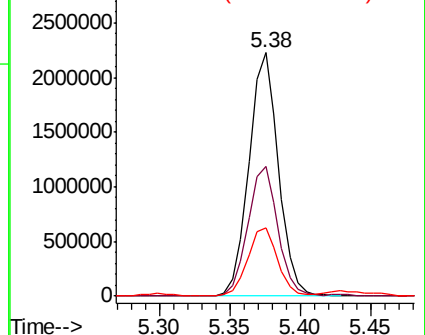


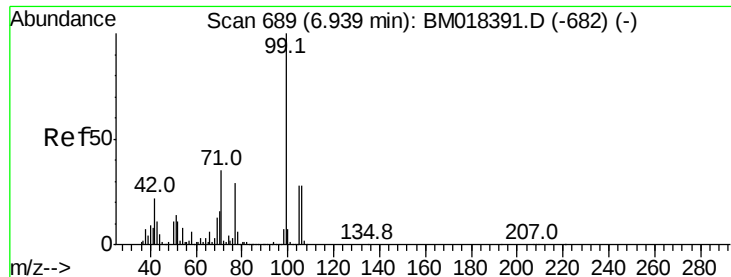
Abundance

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: 118.517 ng

RT: 6.96 min Scan# 693

Delta R.T. 0.02 min

Lab File: BM018429.D

Acq: 28 Dec 2018 11:43

Instrument :

BNA_M

ClientSampleId :

50087

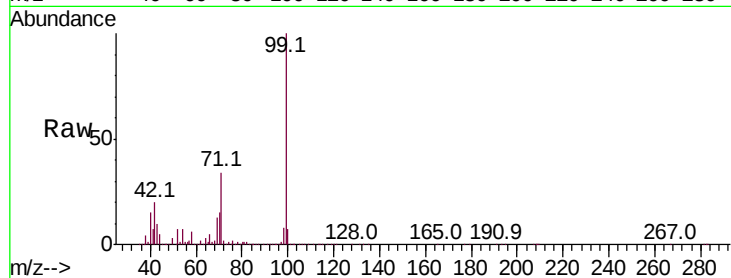
Tot Ion: 99 Resp: 3868166

Ion Ratio Lower Upper

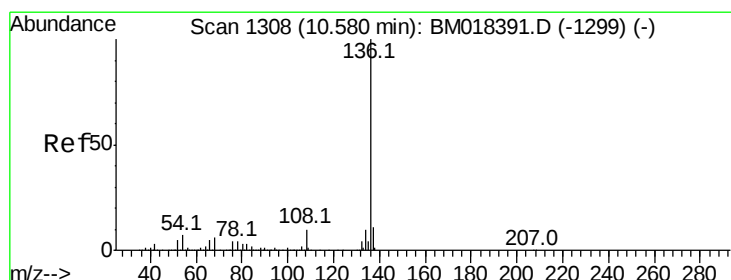
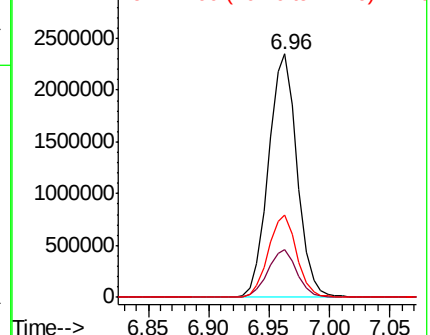
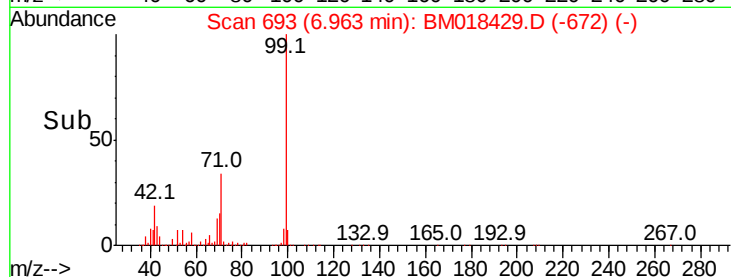
99 100

42 19.6 17.3 25.9

71 33.9 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018429.D (-672) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BM018429.D

Acq: 28 Dec 2018 11:43

Tgt Ion: 136 Resp: 1861477

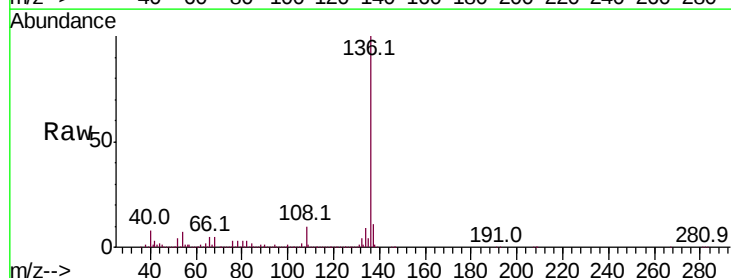
Ion Ratio Lower Upper

136 100

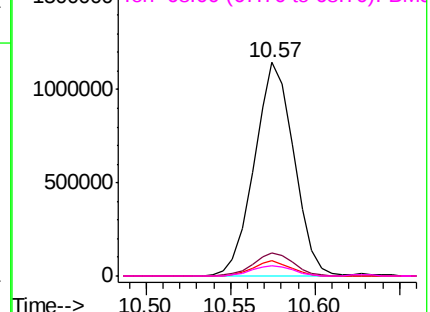
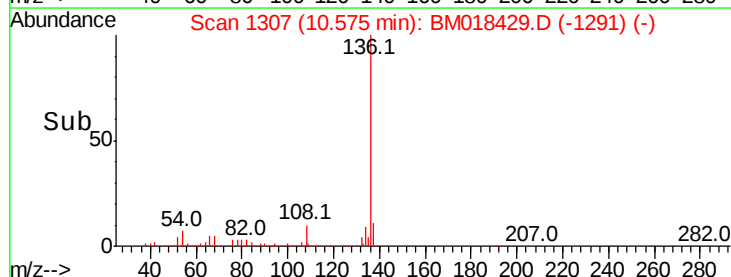
137 10.7 8.5 12.7

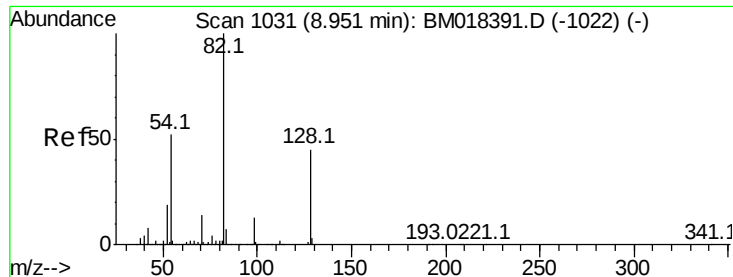
54 7.0 6.0 9.0

68 5.0 4.5 6.7



Abundance Ion 136.00 (135.70 to 136.70): BM018429.D (-1291) (-)



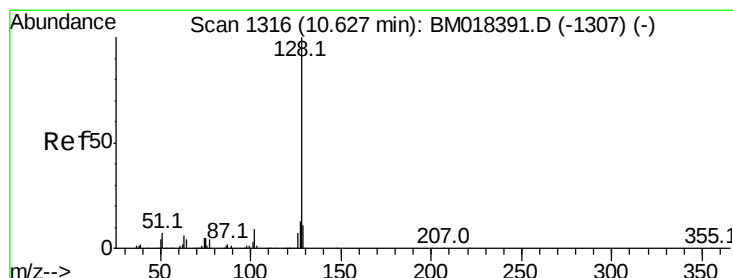
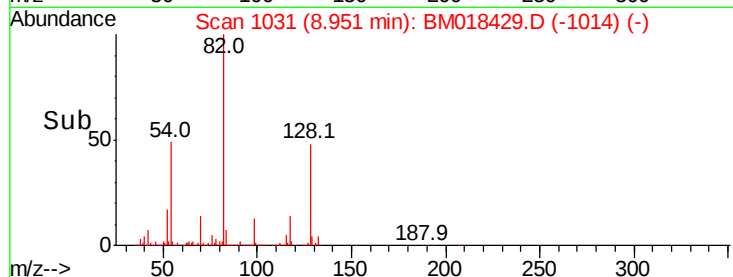
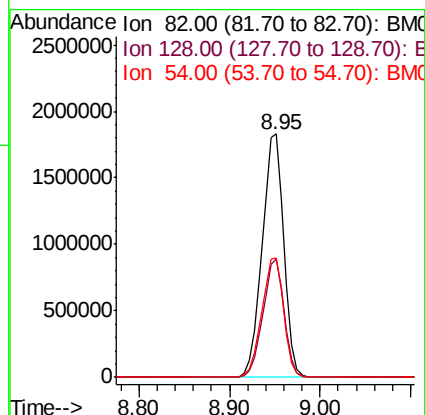
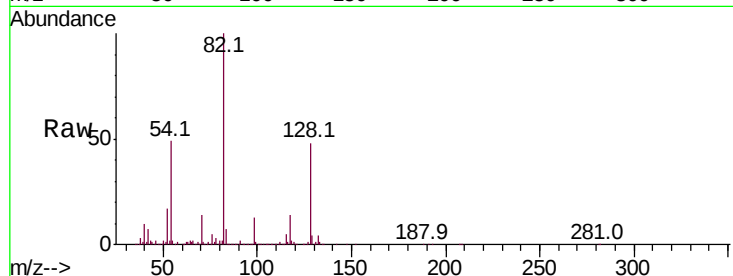


#23
 Nitrobenzene-d5
 Concen: 93.802 ng
 RT: 8.95 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: BM018429.D
 Acq: 28 Dec 2018 11:43

Instrument :
 BNA_M
 ClientSampleId :
 50087

Tot Ion: 82 Resp: 3042313

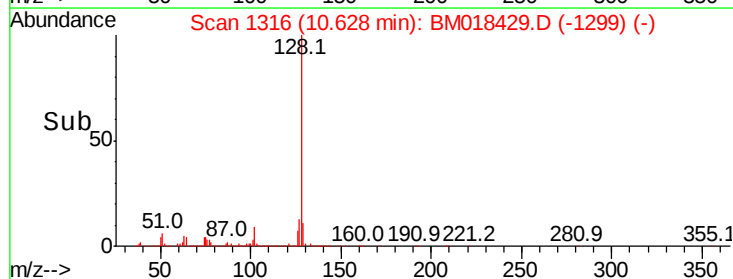
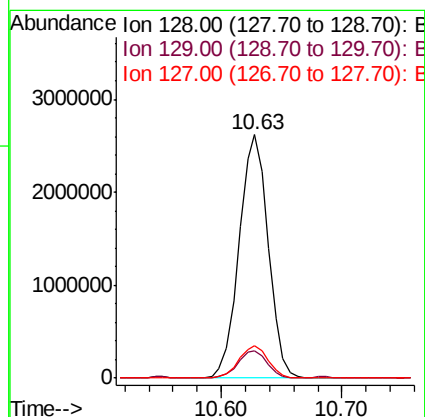
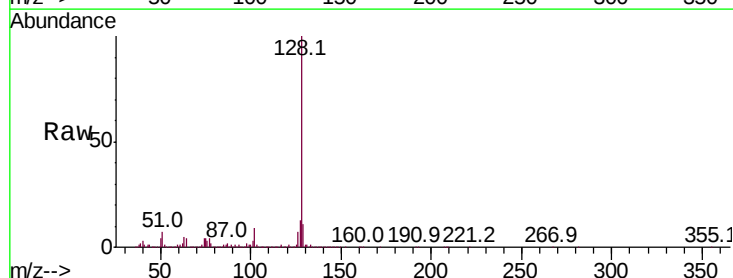
Ion	Ratio	Lower	Upper
82	100		
128	48.5	36.3	54.5
54	48.8	41.7	62.5

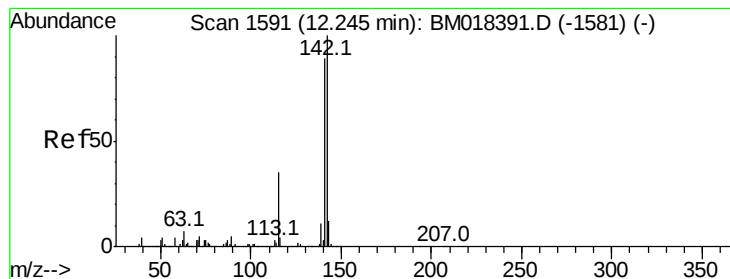


#31
 Naphthalene
 Concen: 48.968 ng
 RT: 10.63 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: BM018429.D
 Acq: 28 Dec 2018 11:43

Tgt Ion: 128 Resp: 4393392

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.7	13.1
127	13.1	10.8	16.2





#37

2-Methylnaphthalene

Concen: 15.354 ng

RT: 12.24 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BM018429.D

Acq: 28 Dec 2018 11:43

Instrument :

BNA_M

ClientSampleId :

50087

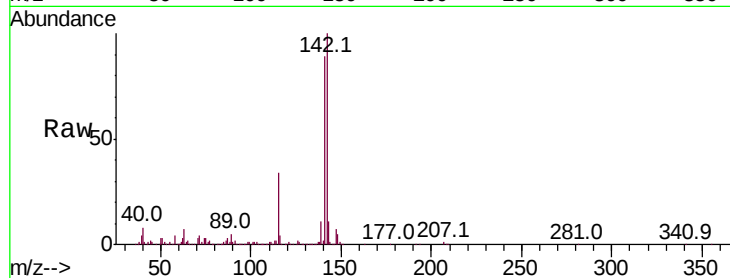
Tot Ion:142 Resp: 1008783

Ion Ratio Lower Upper

142 100

141 88.8 71.4 107.2

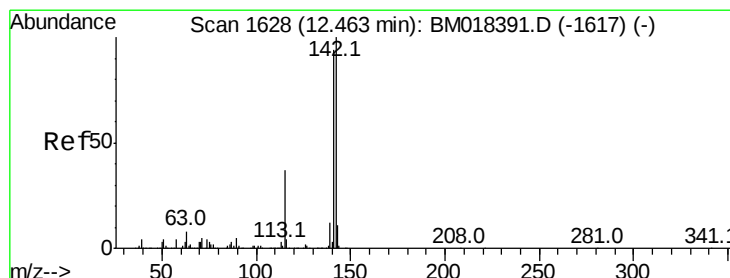
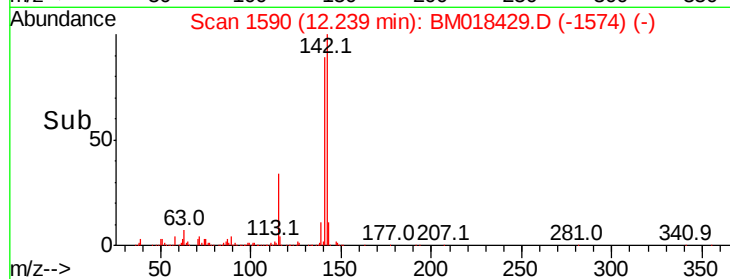
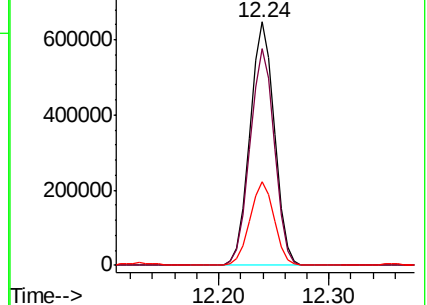
115 34.1 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 6.624 ng

RT: 12.46 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BM018429.D

Acq: 28 Dec 2018 11:43

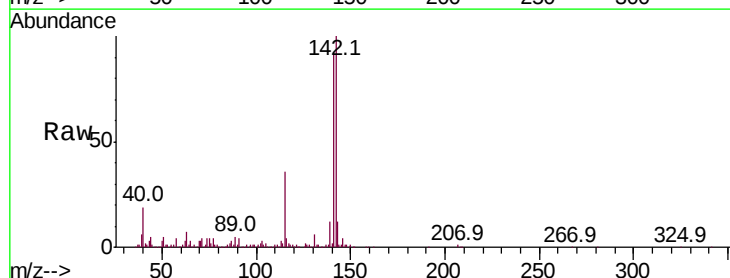
Tgt Ion:142 Resp: 423088

Ion Ratio Lower Upper

142 100

141 91.9 75.6 113.4

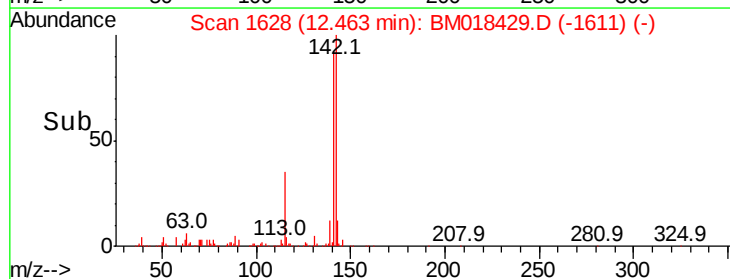
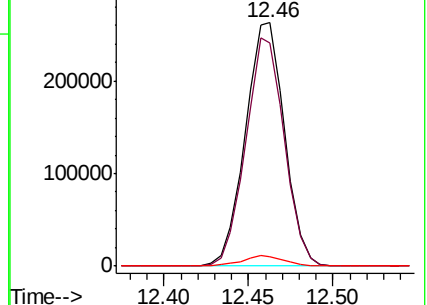
116 3.8 3.0 4.6

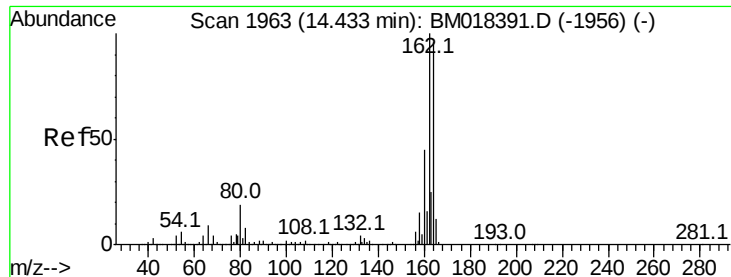


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.43 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BM018429.D

Acq: 28 Dec 2018 11:43

Instrument :

BNA_M

ClientSampled :

50087

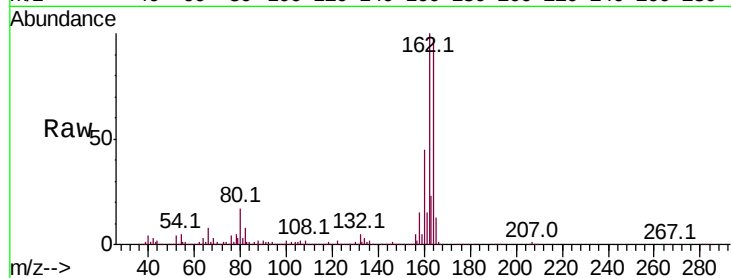
Tot Ion:164 Resp: 1094325

Ion Ratio Lower Upper

164 100

162 103.1 83.0 124.4

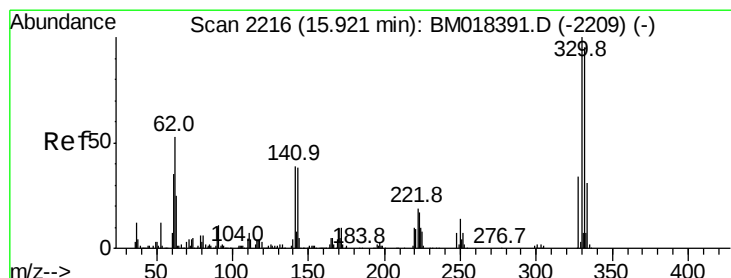
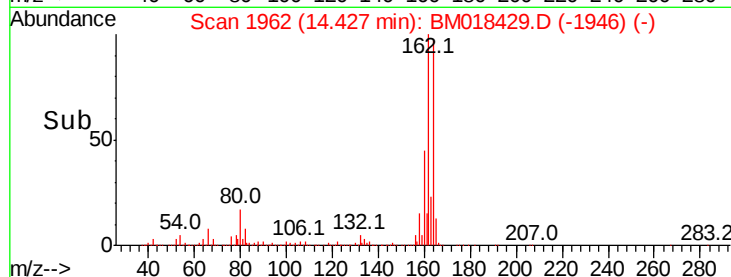
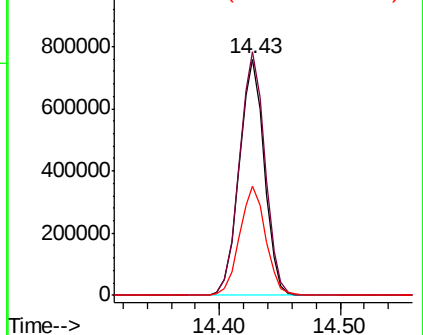
160 46.4 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 153.998 ng

RT: 15.92 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BM018429.D

Acq: 28 Dec 2018 11:43

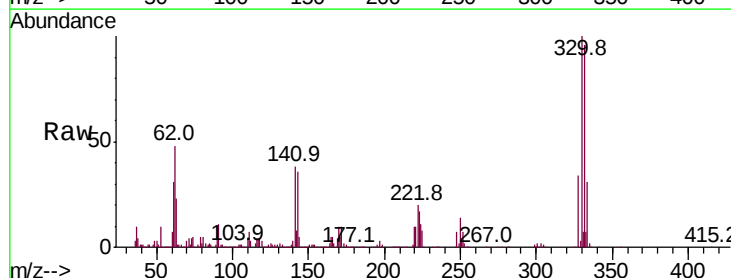
Tgt Ion:330 Resp: 2141243

Ion Ratio Lower Upper

330 100

332 96.7 77.6 116.4

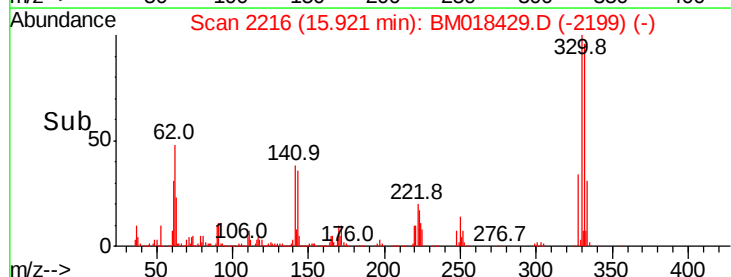
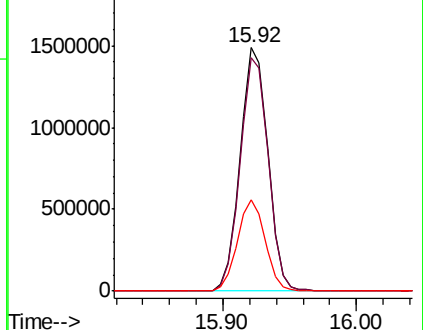
141 37.7 31.7 47.5

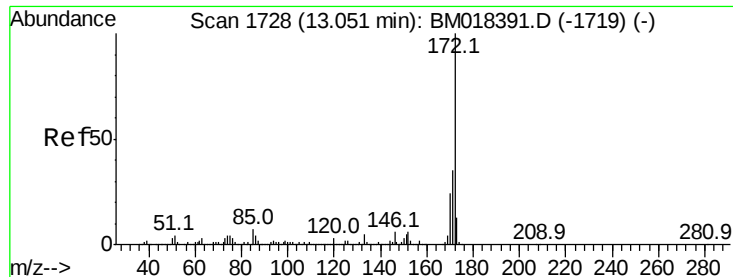


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

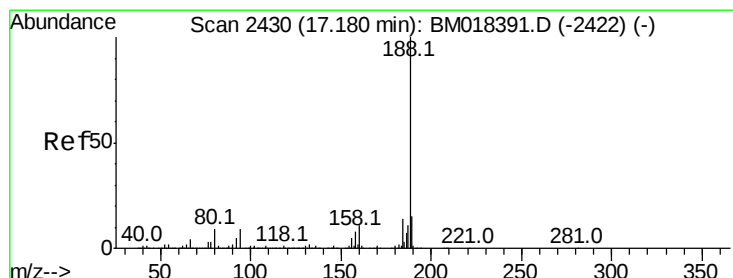
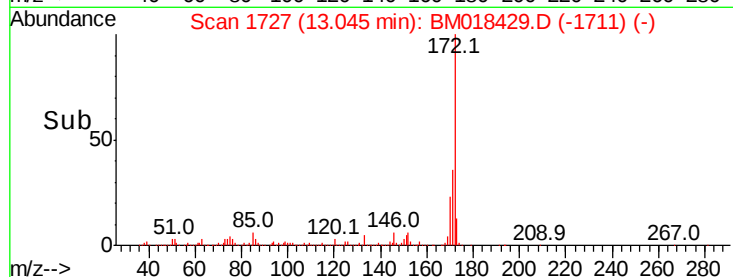
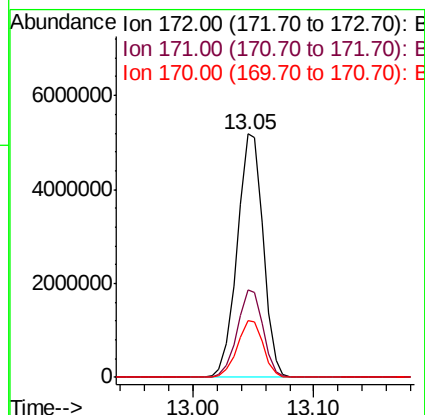
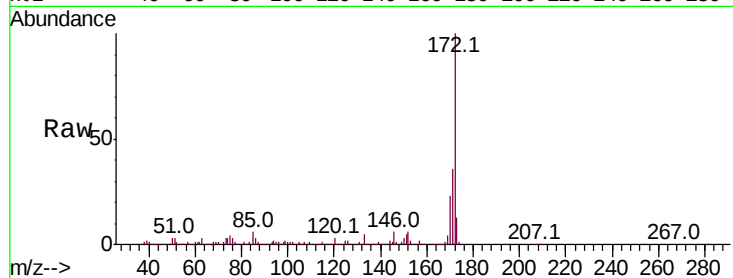




#45
2-Fluorobiphenyl
Concen: 95.992 ng
RT: 13.05 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BM018429.D
Acq: 28 Dec 2018 11:43

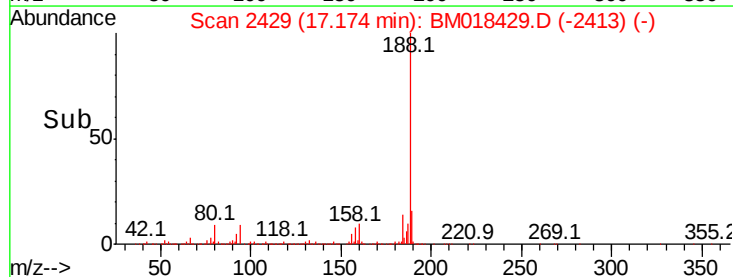
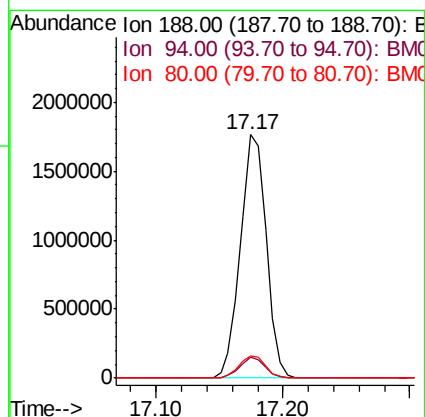
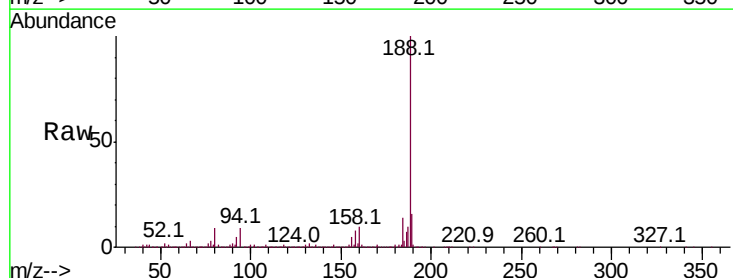
Instrument :
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50087

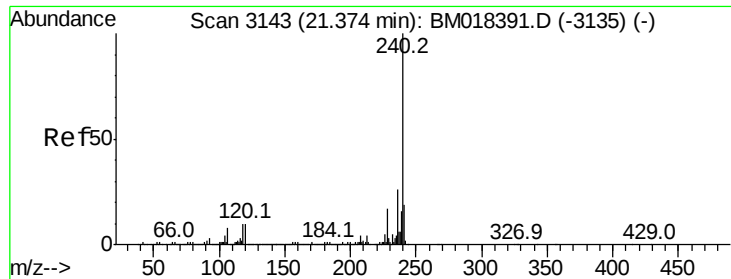
Tot Ion:172 Resp: 7755978
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.4
170 23.1 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BM018429.D
Acq: 28 Dec 2018 11:43

Tgt Ion:188 Resp: 2490262
Ion Ratio Lower Upper
188 100
94 8.6 7.1 10.7
80 9.1 7.6 11.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.37 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BM018429.D

Acq: 28 Dec 2018 11:43

Instrument :

BNA_M

ClientSampled :

50087

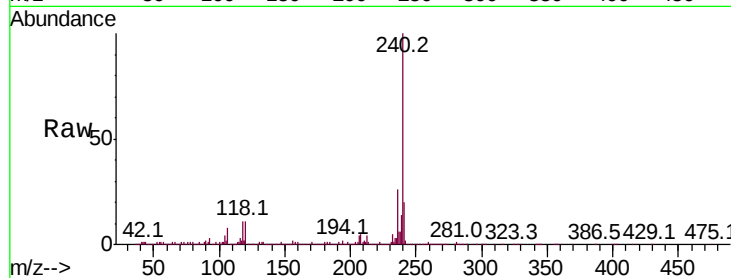
Tot Ion:240 Resp: 2722610

Ion Ratio Lower Upper

240 100

120 11.3 8.4 12.6

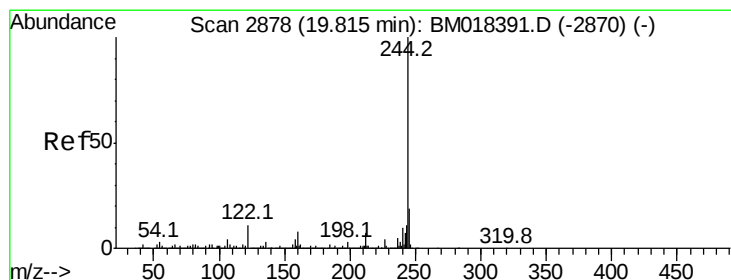
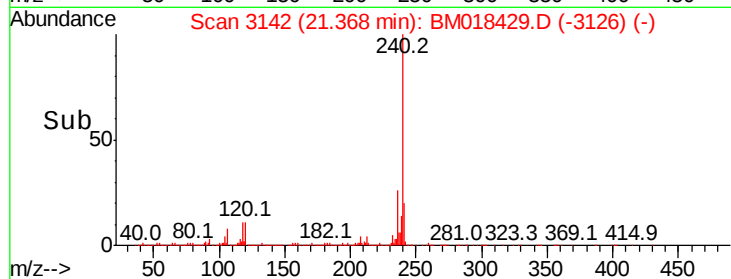
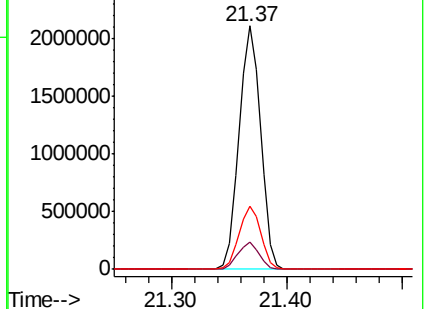
236 26.1 20.7 31.1



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: 91.007 ng

RT: 19.81 min Scan# 2877

Delta R.T. -0.01 min

Lab File: BM018429.D

Acq: 28 Dec 2018 11:43

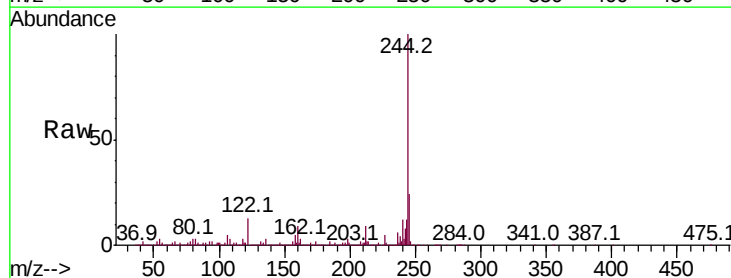
Tgt Ion:244 Resp:11627852

Ion Ratio Lower Upper

244 100

212 9.0 5.9 8.9#

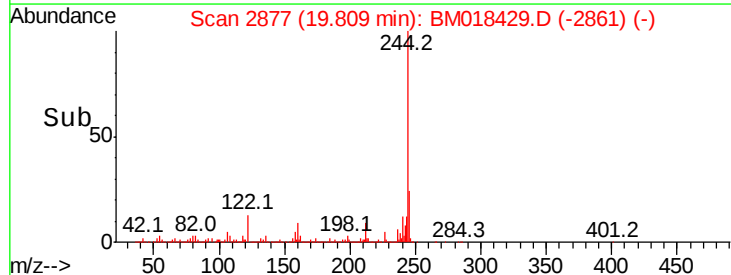
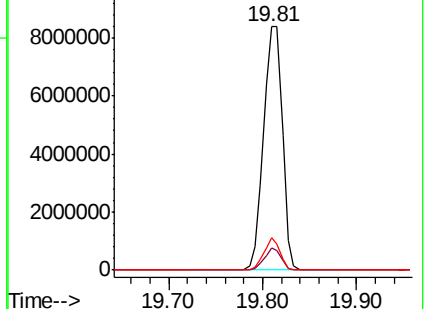
122 13.1 9.0 13.4

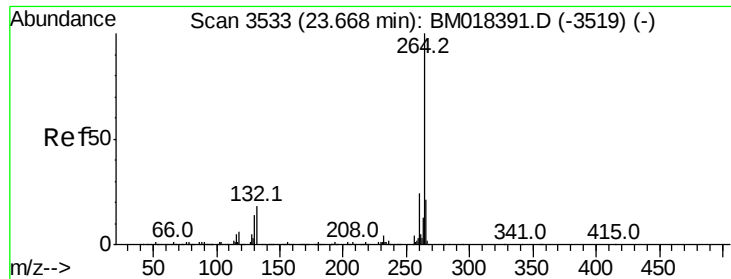


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.66 min Scan# 3532
 Delta R.T. -0.01 min
 Lab File: BM018429.D
 Acq: 28 Dec 2018 11:43

Instrument :
 BNA_M
 ClientSampleId :
 50087

Tot Ion:264 Resp: 2584192
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.9 28.3
 265 21.7 16.8 25.2

