

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032119\
 Data File : BM019299.D
 Acq On : 21 Mar 2019 20:21
 Operator : JU/SJ
 Sample : K2004-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-24(12-13)

Quant Time: Mar 22 04:44:38 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

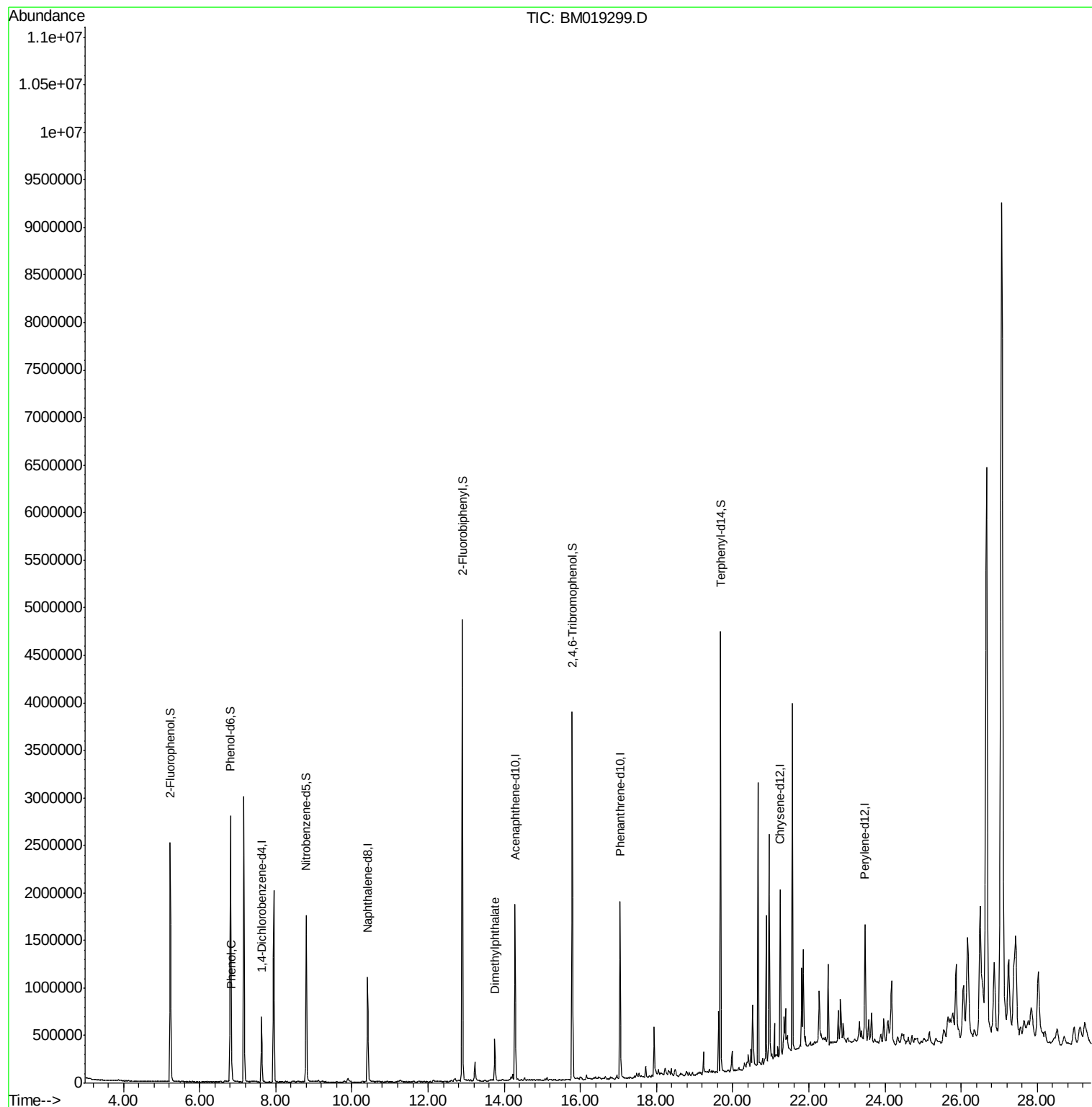
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	182524	20.00	ng	-0.04
21) Naphthalene-d8	10.41	136	915630	20.00	ng	-0.04
39) Acenaphthene-d10	14.29	164	567724	20.00	ng	-0.04
64) Phenanthrene-d10	17.04	188	1080823	20.00	ng	-0.04
76) Chrysene-d12	21.24	240	802356	20.00	ng	-0.03
87) Perylene-d12	23.47	264	853498	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1130213	100.28	ng	-0.02
7) Phenol-d6	6.81	99	1733758	105.17	ng	-0.04
23) Nitrobenzene-d5	8.80	82	1124011	58.03	ng	-0.04
42) 2,4,6-Tribromophenol	15.79	330	752947	89.83	ng	-0.04
45) 2-Fluorobiphenyl	12.90	172	2394522	54.86	ng	-0.04
79) Terphenyl-d14	19.68	244	2125458	52.59	ng	-0.03
Target Compounds						
10) Phenol	6.84	94	107230	6.035	ng	99
50) Dimethylphthalate	13.75	163	258830	5.329	ng	100

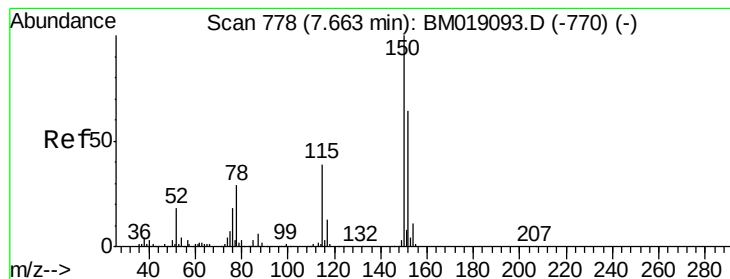
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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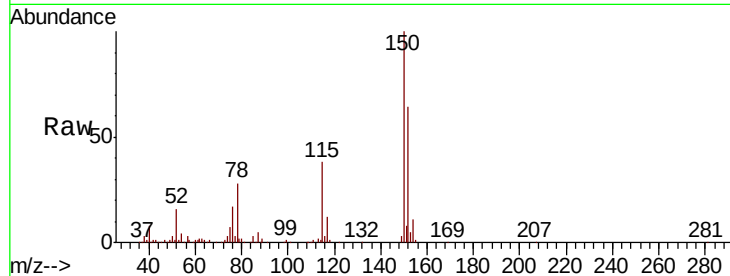


#1

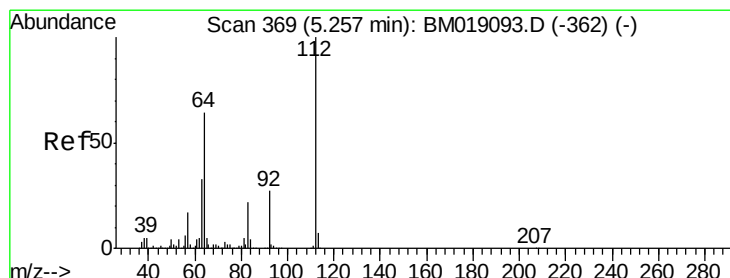
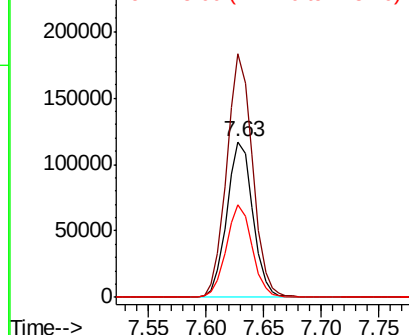
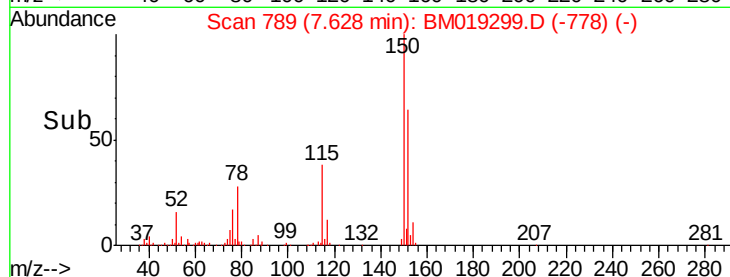
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.04 min
Lab File: BM019299.D
Acq: 21 Mar 2019 20:21

Instrument :
BNA_M
ClientSampleId :
SB-24(12-13)

Tot Ion:152 Resp: 182524
Ion Ratio Lower Upper
152 100
150 156.7 125.3 187.9
115 59.9 49.4 74.0



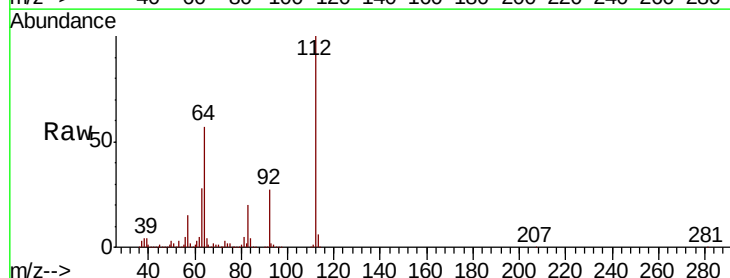
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



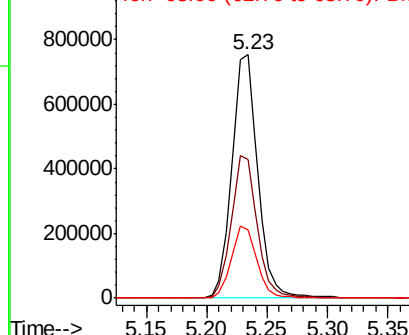
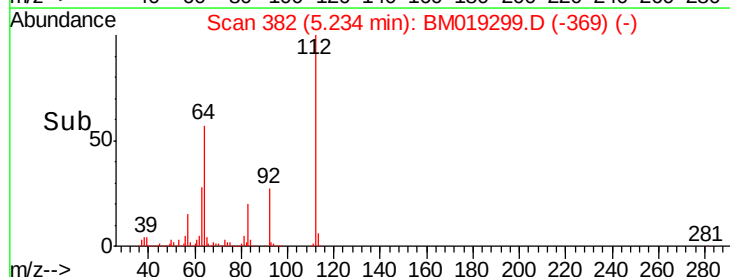
#5

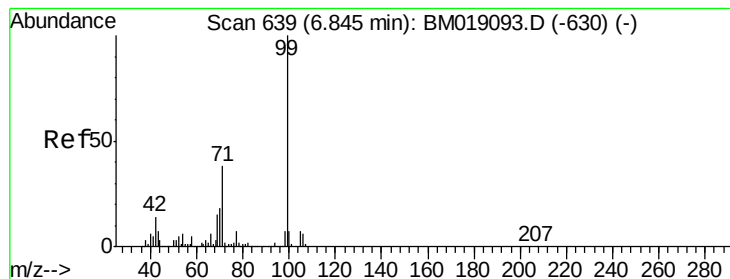
2-Fluorophenol
Concen: 100.280 ng
RT: 5.23 min Scan# 382
Delta R.T. -0.02 min
Lab File: BM019299.D
Acq: 21 Mar 2019 20:21

Tgt Ion:112 Resp: 1130213
Ion Ratio Lower Upper
112 100
64 56.8 51.4 77.0
63 28.3 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: 105.169 ng

RT: 6.81 min Scan# 650

Delta R.T. -0.04 min

Lab File: BM019299.D

Acq: 21 Mar 2019 20:21

Instrument :

BNA_M

ClientSampled :

SB-24(12-13)

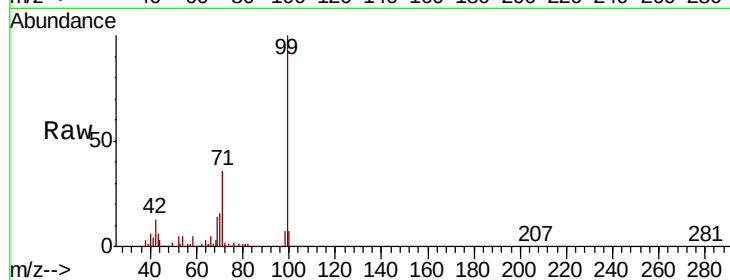
Tot Ion: 99 Resp: 1733758

Ion	Ratio	Lower	Upper
99	100		
42	12.7	10.9	16.3
71	35.8	30.3	45.5

99 100

42 12.7 10.9 16.3

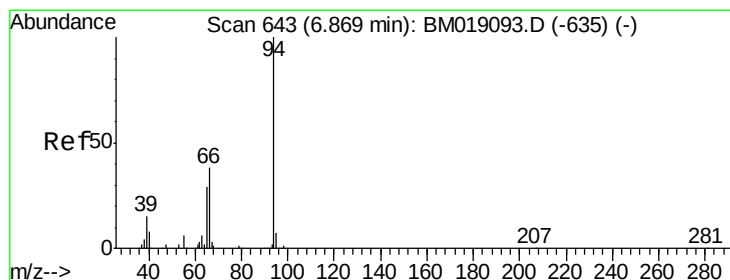
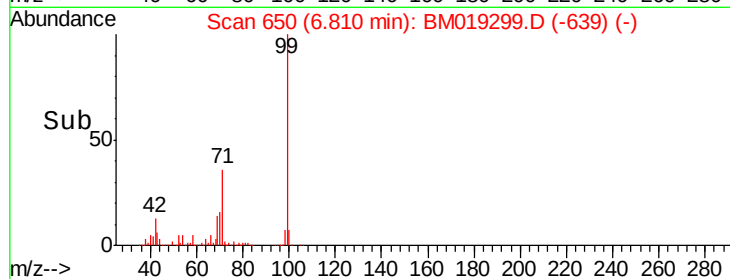
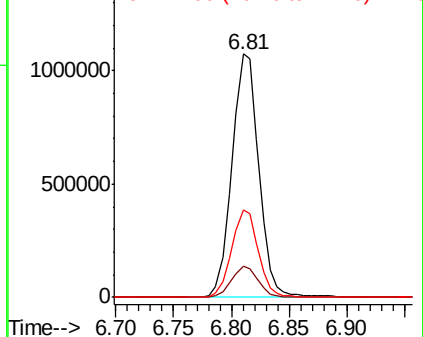
71 35.8 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019299.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM019299.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM019299.D (-639) (-)



#10

Phenol

Concen: 6.035 ng

RT: 6.84 min Scan# 655

Delta R.T. -0.03 min

Lab File: BM019299.D

Acq: 21 Mar 2019 20:21

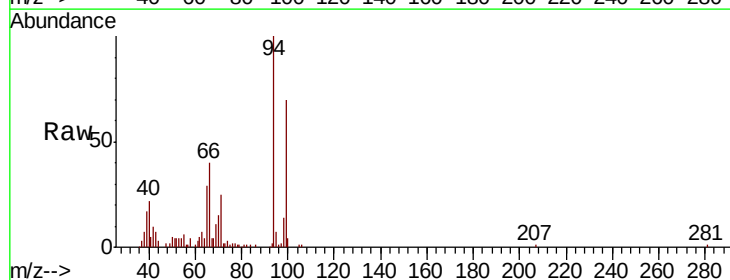
Tgt Ion: 94 Resp: 107230

Ion	Ratio	Lower	Upper
94	100		
65	29.4	9.7	49.7
66	39.5	19.2	59.2

94 100

65 29.4 9.7 49.7

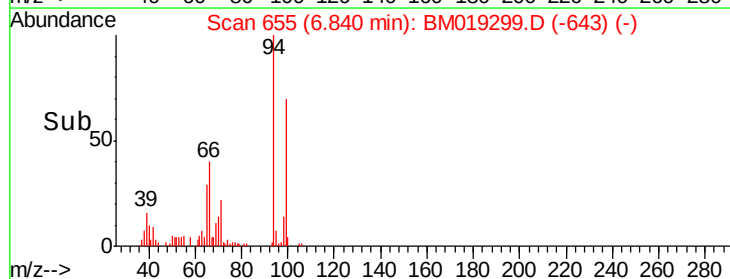
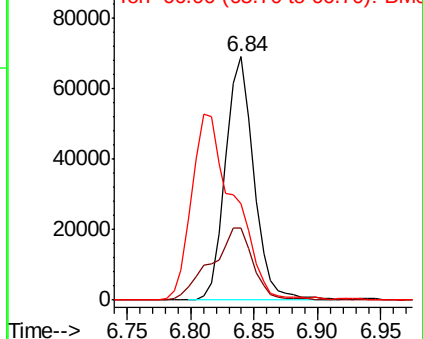
66 39.5 19.2 59.2

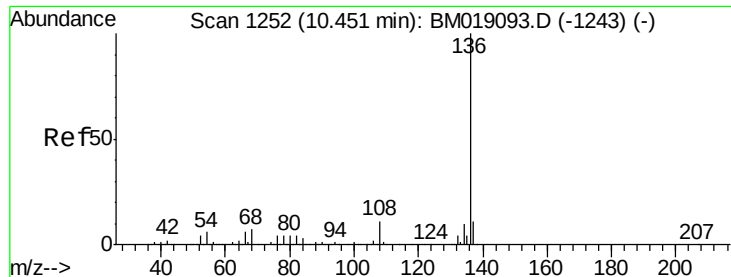


Abundance Ion 94.00 (93.70 to 94.70): BM019299.D (-643) (-)

Ion 65.00 (64.70 to 65.70): BM019299.D (-643) (-)

Ion 66.00 (65.70 to 66.70): BM019299.D (-643) (-)

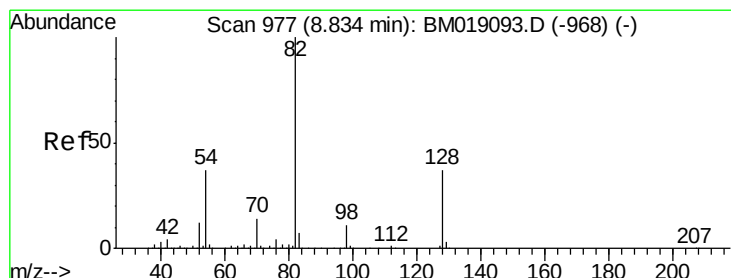
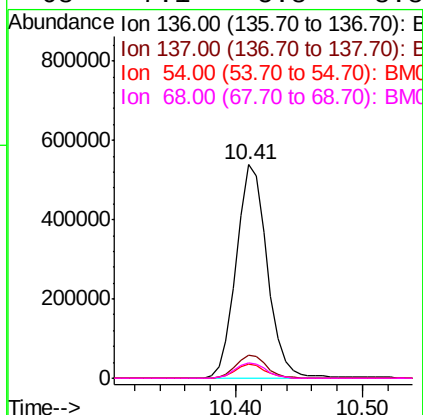
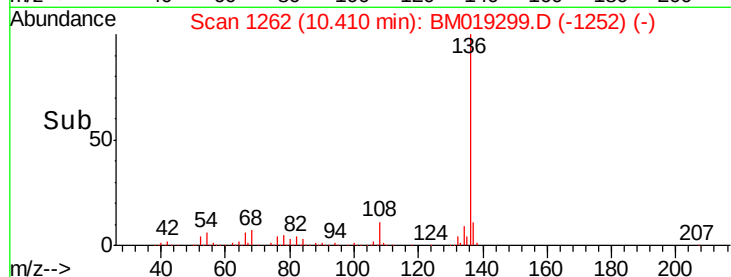
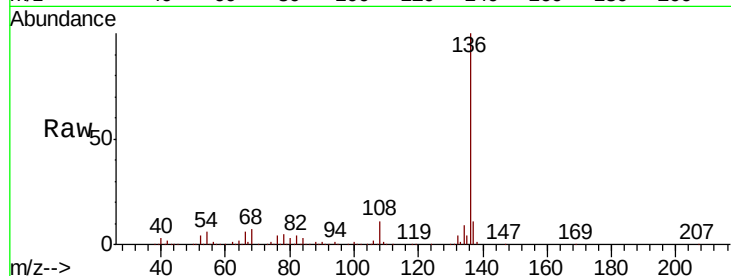




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.41 min Scan# 1262
Delta R.T. -0.04 min
Lab File: BM019299.D
Acq: 21 Mar 2019 20:21

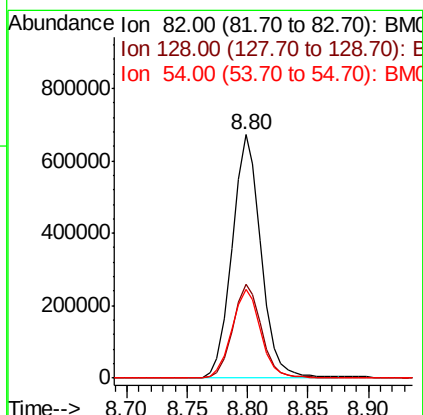
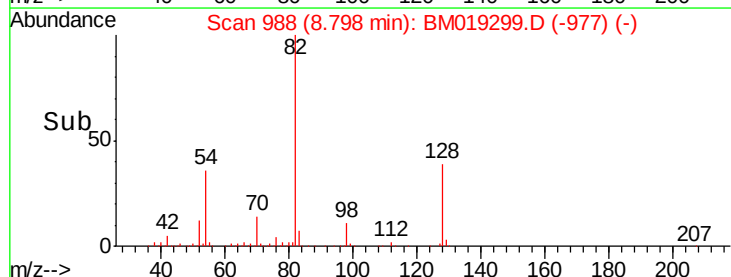
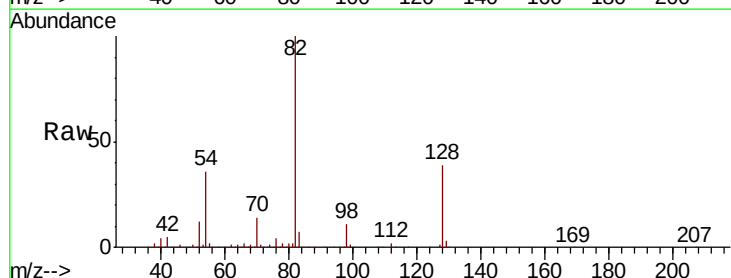
Instrument :
BNA_M
ClientSampleId :
SB-24(12-13)

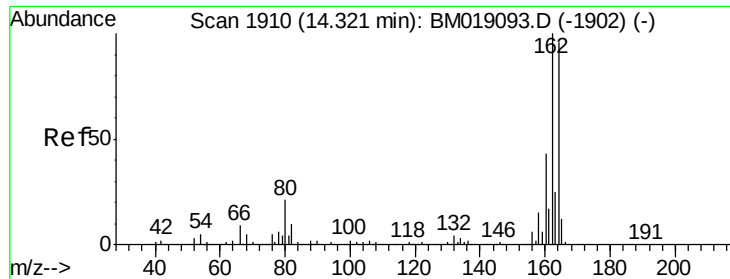
Tot Ion:136	Resp:	915630
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.6	13.0
54 6.4	5.2	7.8
68 7.1	5.8	8.8



#23
Nitrobenzene-d5
Concen: 58.028 ng
RT: 8.80 min Scan# 988
Delta R.T. -0.04 min
Lab File: BM019299.D
Acq: 21 Mar 2019 20:21

Tgt Ion: 82	Resp: 1124011
Ion Ratio	Lower Upper
82 100	
128 38.6	29.4 44.2
54 36.4	29.9 44.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.29 min Scan# 1921

Delta R.T. -0.04 min

Lab File: BM019299.D

Acq: 21 Mar 2019 20:21

Instrument :

BNA_M

ClientSampleId :

SB-24(12-13)

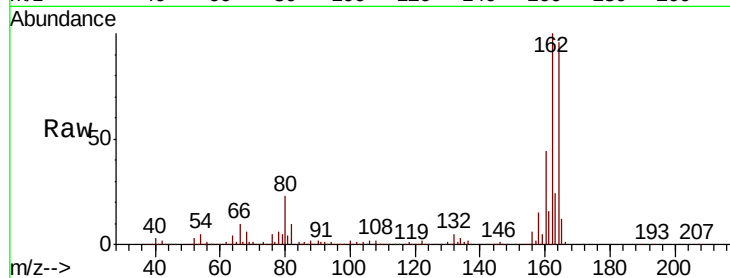
Tot Ion:164 Resp: 567724

Ion Ratio Lower Upper

164 100

162 104.0 83.5 125.3

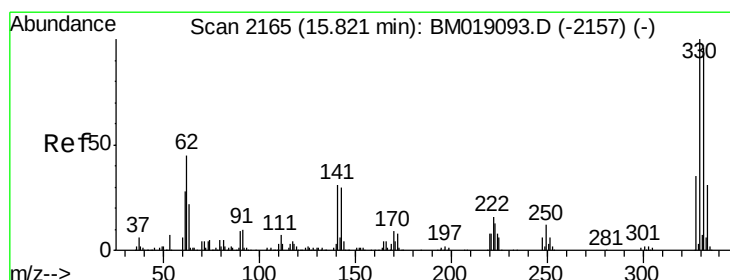
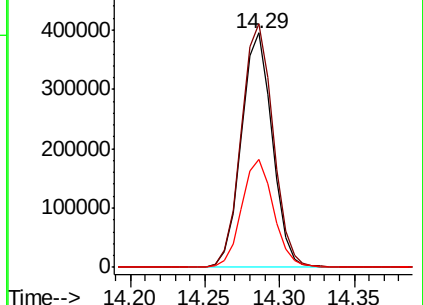
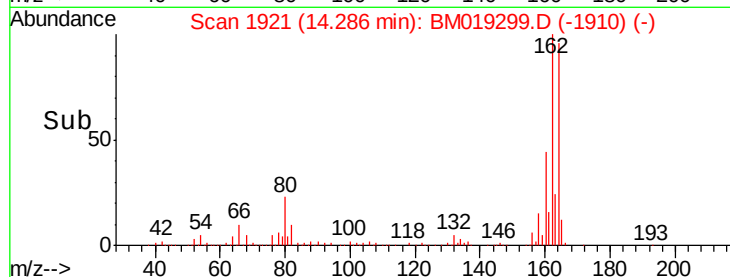
160 46.2 36.3 54.5



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: 89.826 ng

RT: 15.79 min Scan# 2176

Delta R.T. -0.04 min

Lab File: BM019299.D

Acq: 21 Mar 2019 20:21

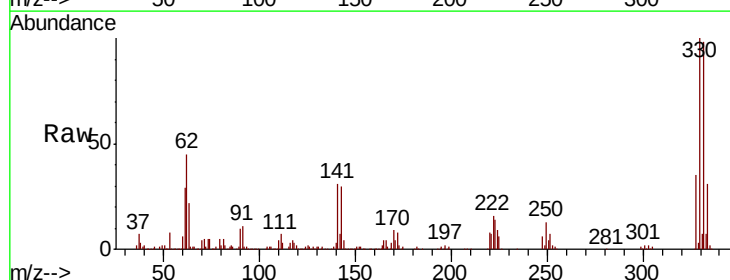
Tgt Ion:330 Resp: 752947

Ion Ratio Lower Upper

330 100

332 97.0 76.8 115.2

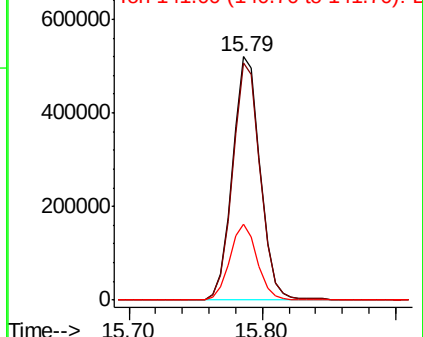
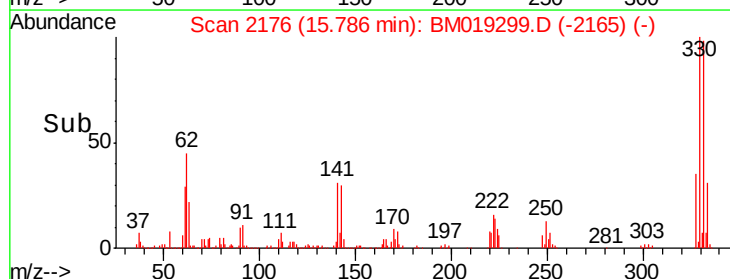
141 31.0 27.0 40.4

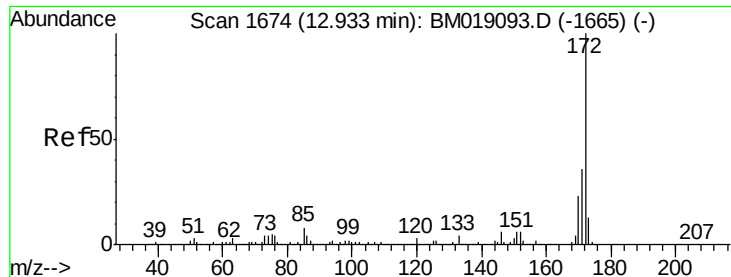


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



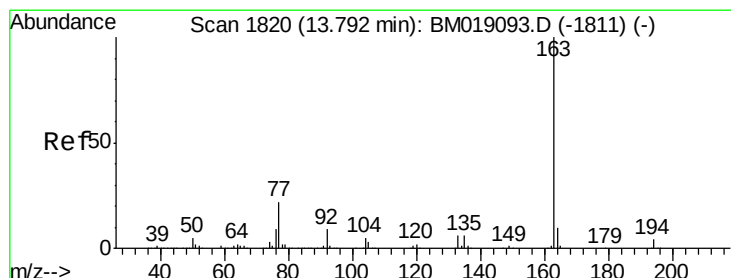
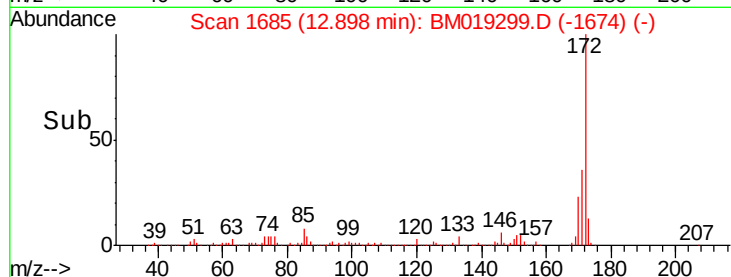
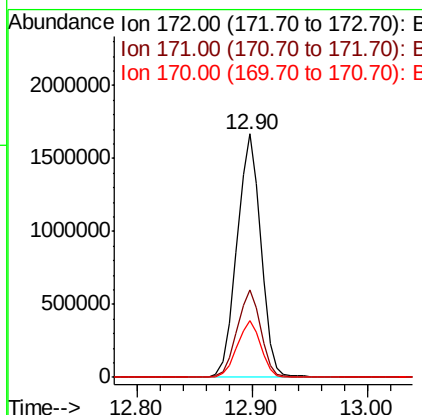
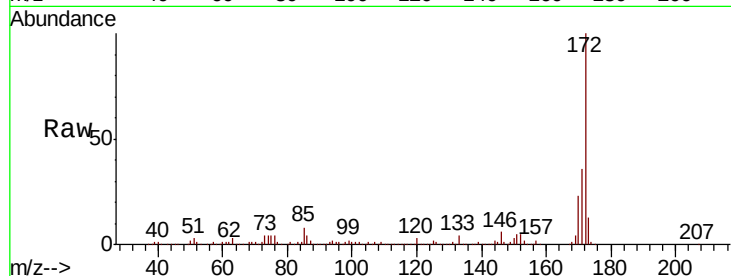


#45
2-Fluorobiphenyl
Concen: 54.863 ng
RT: 12.90 min Scan# 1685
Delta R.T. -0.04 min
Lab File: BM019299.D
Acq: 21 Mar 2019 20:21

Instrument :
BNA_M
ClientSampleId :
SB-24(12-13)

Tot Ion:172 Resp: 2394522

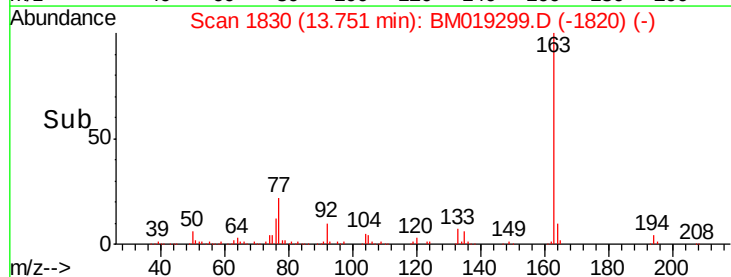
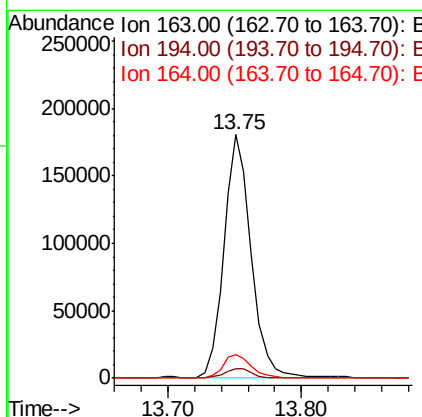
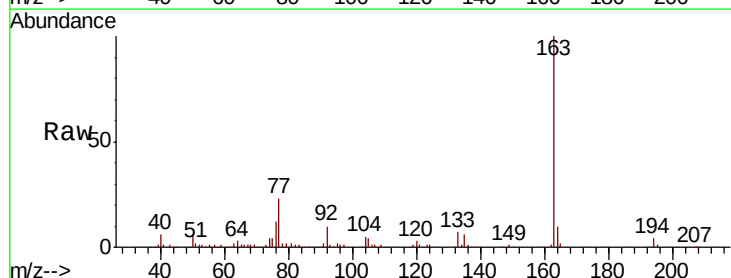
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	23.3	18.6	28.0

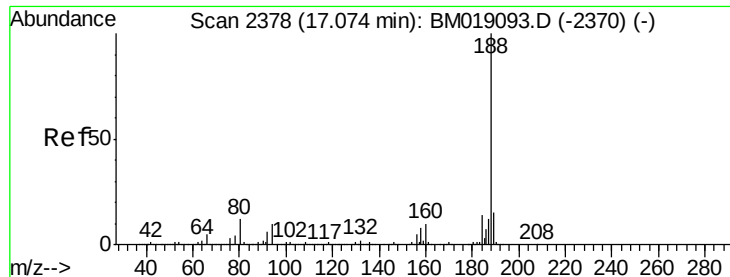


#50
Dimethylphthalate
Concen: 5.329 ng
RT: 13.75 min Scan# 1830
Delta R.T. -0.04 min
Lab File: BM019299.D
Acq: 21 Mar 2019 20:21

Tgt Ion:163 Resp: 258830

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.8	7.7	11.5

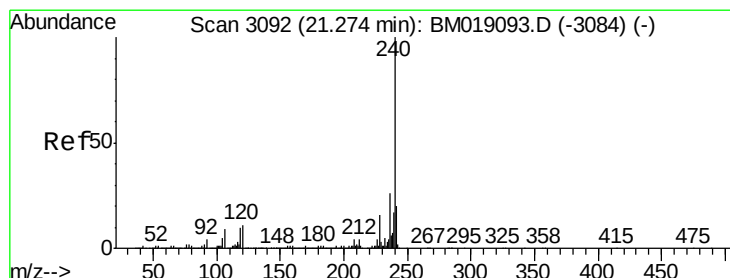
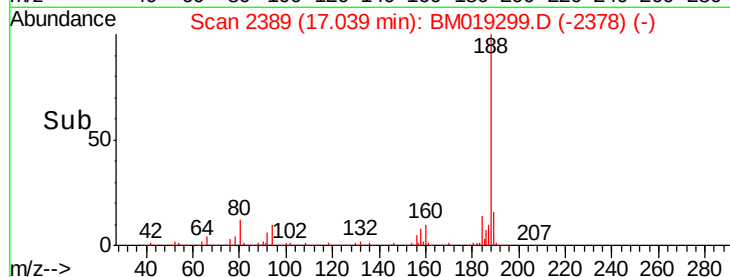
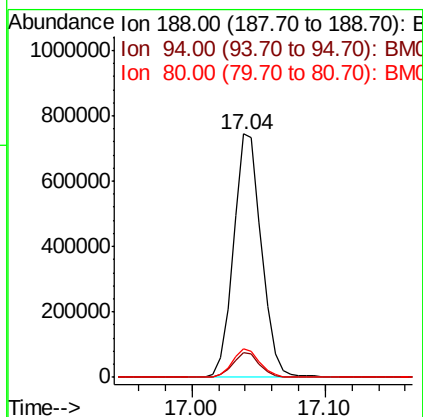
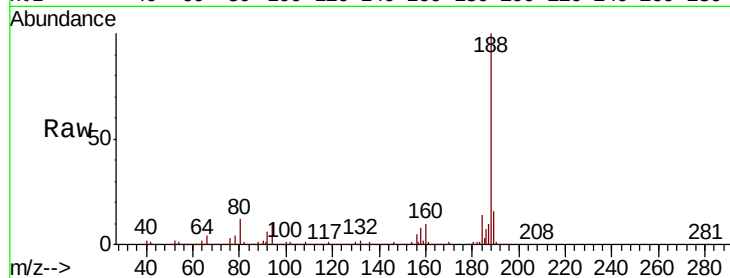




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2389
Delta R.T. -0.04 min
Lab File: BM019299.D
Acq: 21 Mar 2019 20:21

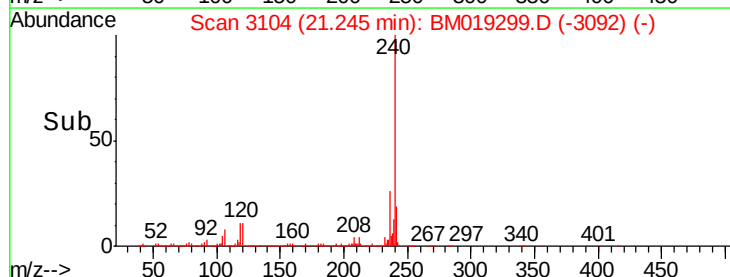
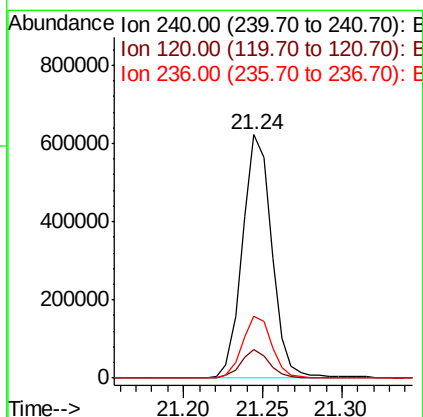
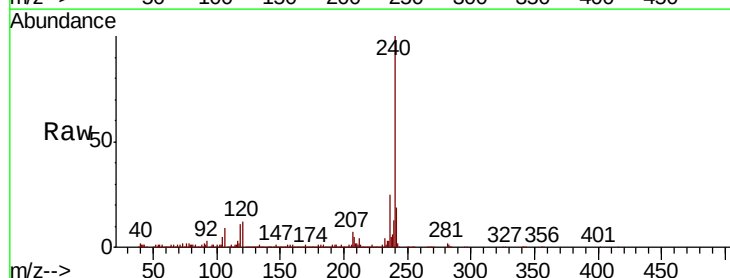
Instrument :
BNA_M
ClientSampleId :
SB-24(12-13)

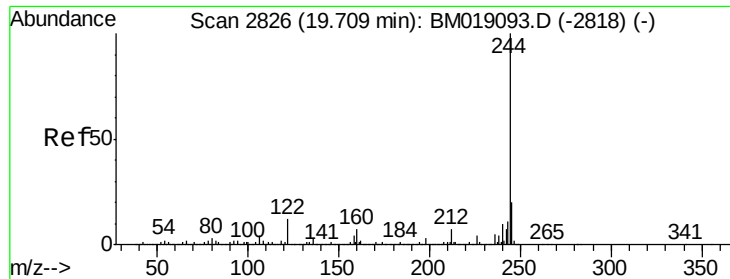
Tot Ion:188 Resp: 1080823
Ion Ratio Lower Upper
188 100
94 10.2 8.1 12.1
80 11.9 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.03 min
Lab File: BM019299.D
Acq: 21 Mar 2019 20:21

Tgt Ion:240 Resp: 802356
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 25.5 21.0 31.4





#79

Terphenyl-d14

Concen: 52.589 ng

RT: 19.68 min Scan# 2838

Delta R.T. -0.03 min

Lab File: BM019299.D

Acq: 21 Mar 2019 20:21

Instrument :

BNA_M

ClientSampleId :

SB-24(12-13)

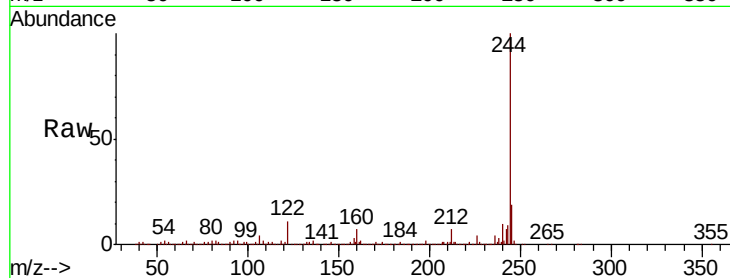
Tot Ion:244 Resp: 2125458

Ion Ratio Lower Upper

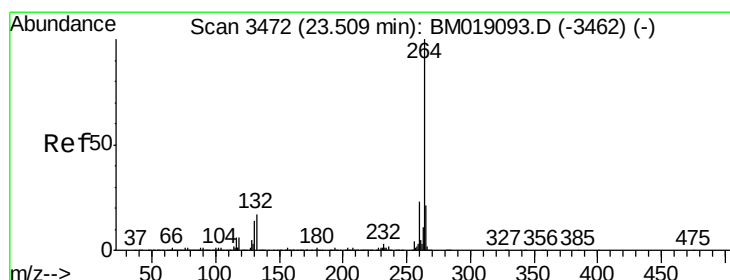
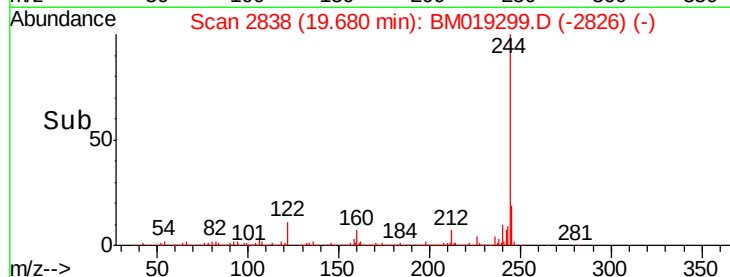
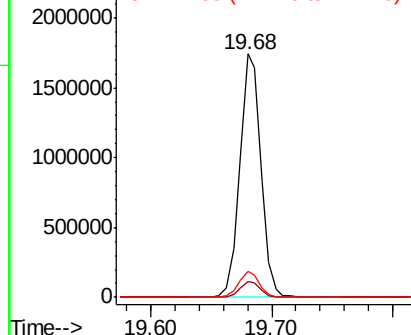
244 100

212 6.6 5.4 8.2

122 10.7 9.4 14.2



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: 23.47 min Scan# 3483

Delta R.T. -0.04 min

Lab File: BM019299.D

Acq: 21 Mar 2019 20:21

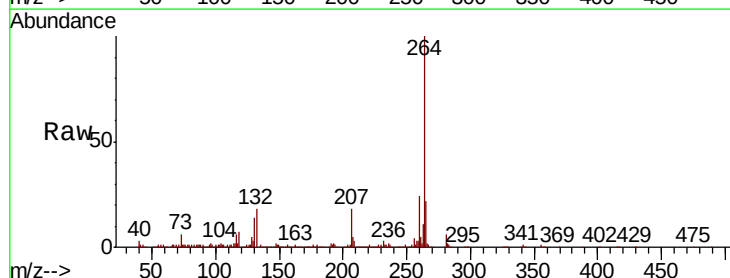
Tgt Ion:264 Resp: 853498

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 22.2 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

