

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
 Data File : BM019134.D
 Acq On : 13 Mar 2019 06:04
 Operator : JU/SJ
 Sample : K1849-11
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PUMP-CON

Quant Time: Mar 13 06:51:20 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	7.66	152	189571	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	774757	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	517213	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1279520	20.00	ng	0.00
76) Chrysene-d12	21.26	240	1344948	20.00	ng	-0.01
87) Perylene-d12	23.50	264	1221122	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1382263	118.08	ng	0.00
7) Phenol-d6	6.85	99	1791266	104.62	ng	0.00
23) Nitrobenzene-d5	8.83	82	1401581	85.51	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1132083	148.25	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3158974	79.45	ng	0.00
79) Terphenyl-d14	19.70	244	6072708	89.64	ng	0.00

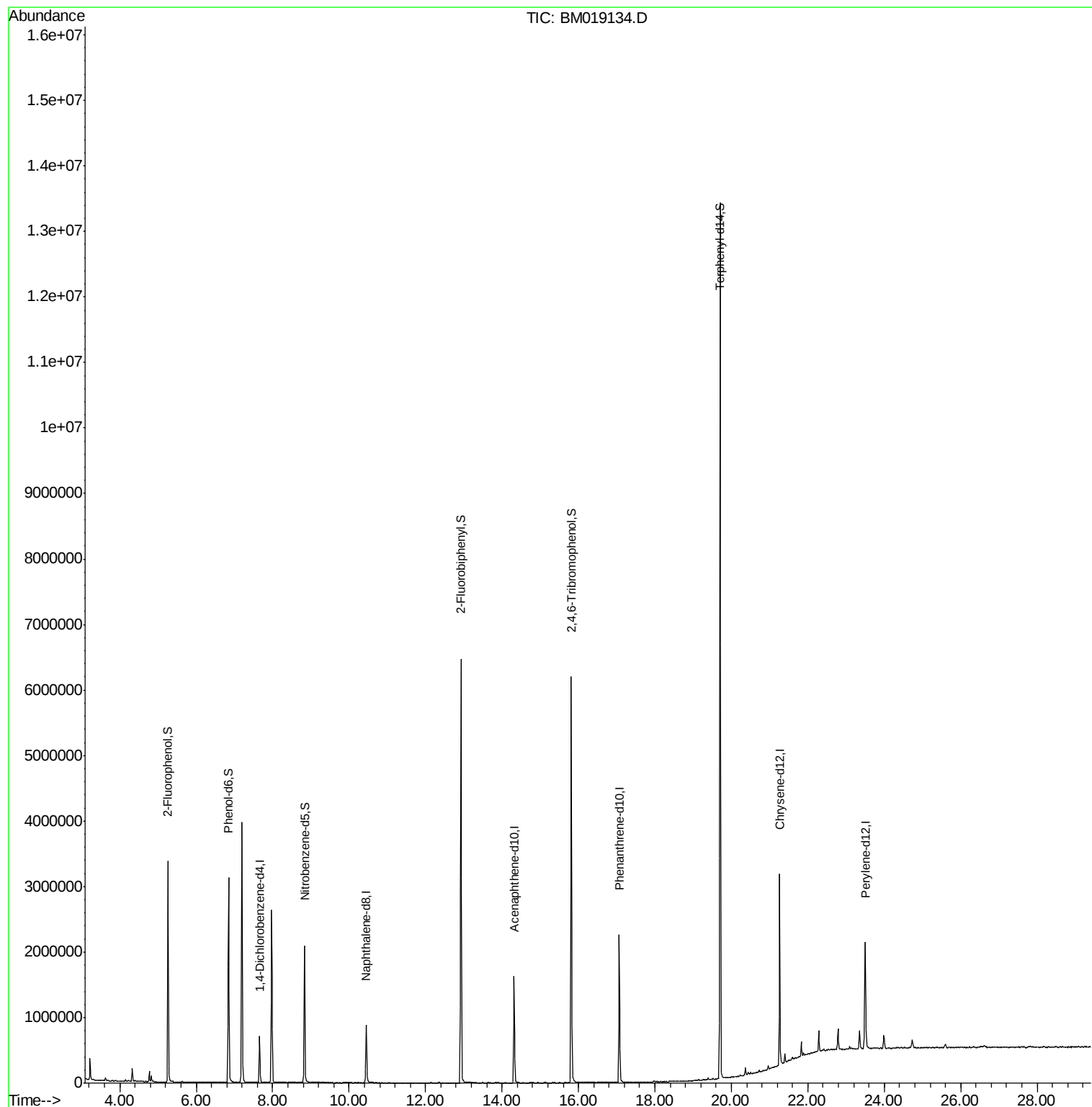
Target Compounds Qvalue

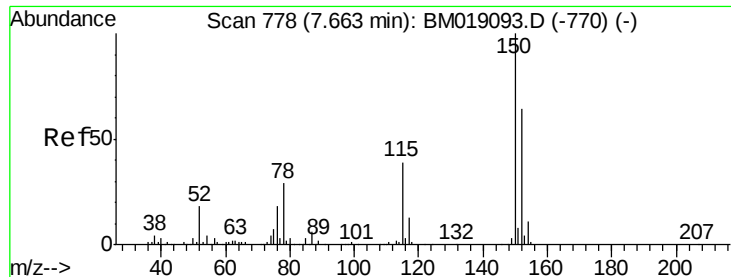
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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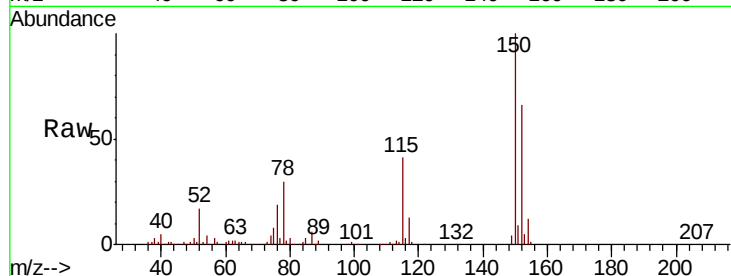


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BM019134.D
Acq: 13 Mar 2019 06:04

Instrument :
BNA_M
ClientSampleId :
PUMP-CON

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	125.3	187.9
115	62.3	49.4	74.0

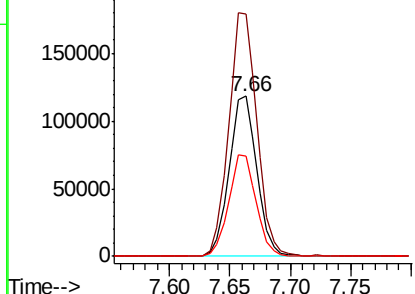
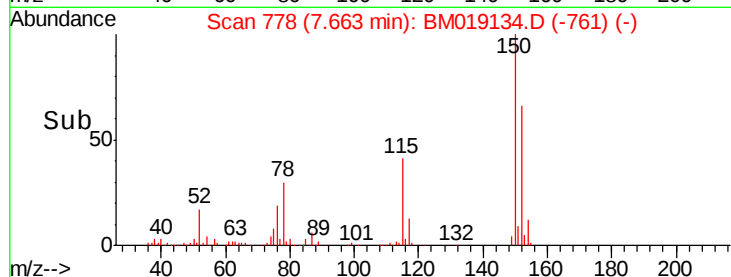


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

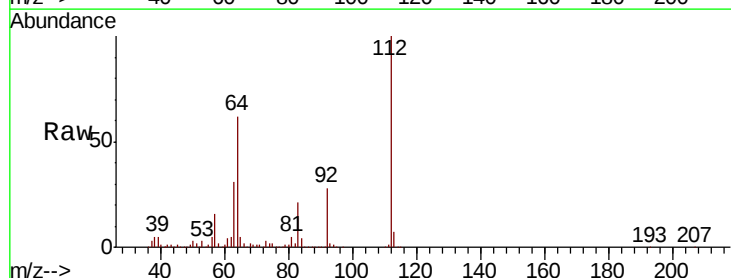
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 118.085 ng
RT: 5.26 min Scan# 370
Delta R.T. 0.01 min
Lab File: BM019134.D
Acq: 13 Mar 2019 06:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	51.4	77.0
63	31.3	26.6	40.0

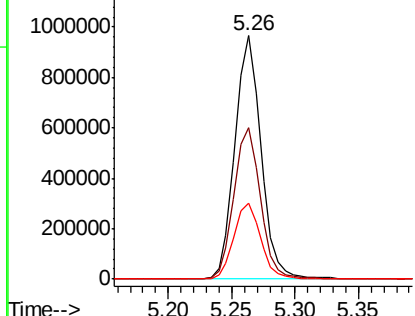
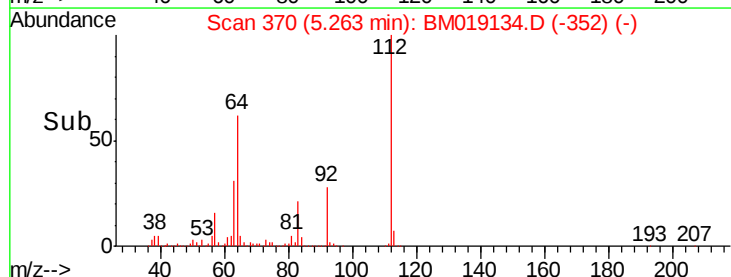


Abundance

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: 104.618 ng

RT: 6.85 min Scan# 639

Delta R.T. 0.00 min

Lab File: BM019134.D

Acq: 13 Mar 2019 06:04

Instrument :

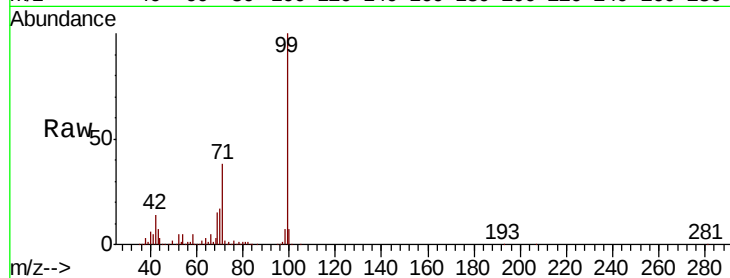
BNA_M

ClientSampleId :

PUMP-CON

Tot Ion: 99 Resp: 1791266

Ion	Ratio	Lower	Upper
99	100		
42	13.8	10.9	16.3
71	37.6	30.3	45.5

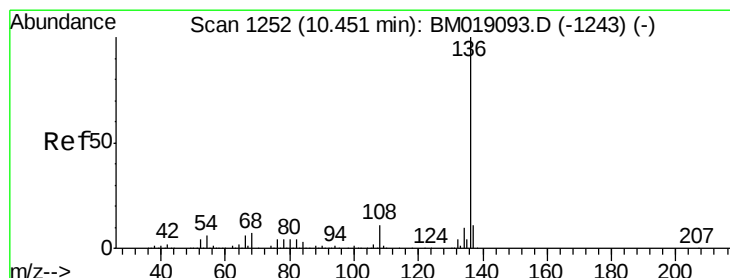
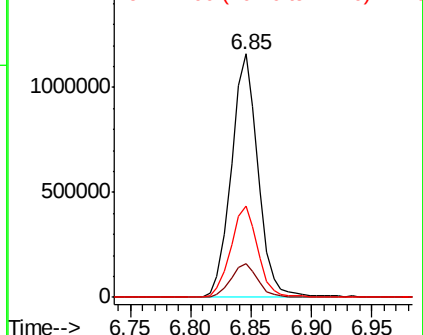
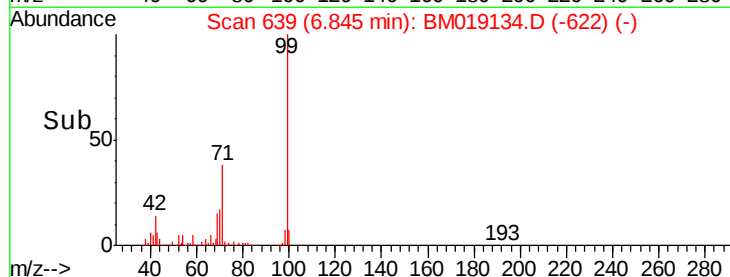


Abundance

Ion 99.00 (98.70 to 99.70): BM019134.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM019134.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM019134.D (-622) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1251

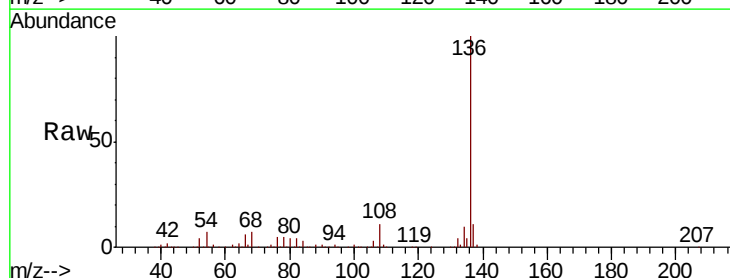
Delta R.T. -0.01 min

Lab File: BM019134.D

Acq: 13 Mar 2019 06:04

Tgt Ion: 136 Resp: 774757

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	7.0	5.2	7.8
68	6.9	5.8	8.8



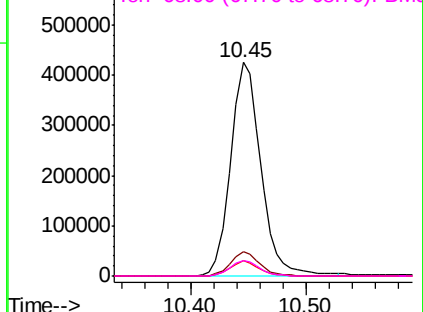
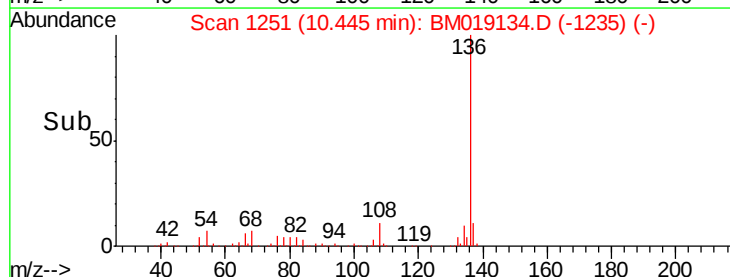
Abundance

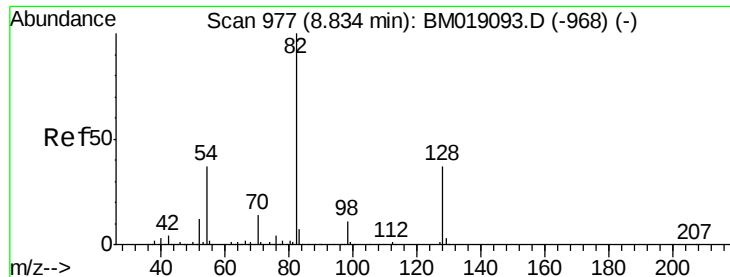
Ion 136.00 (135.70 to 136.70): BM019134.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM019134.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM019134.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM019134.D (-1235) (-)

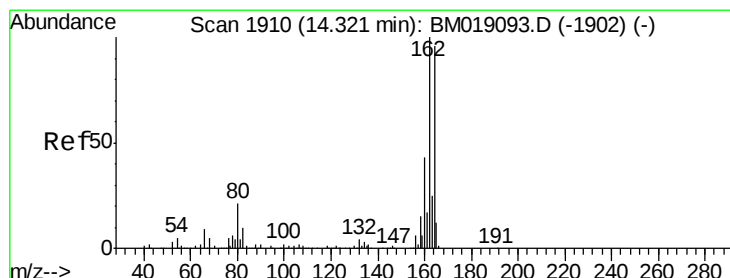
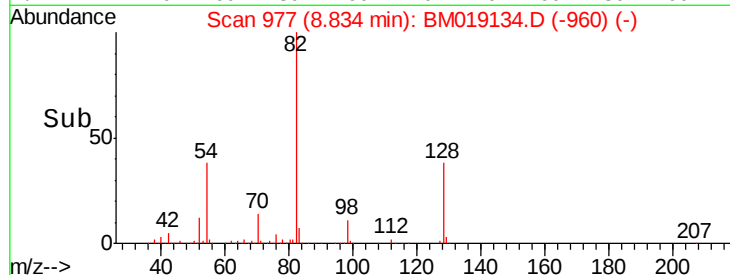
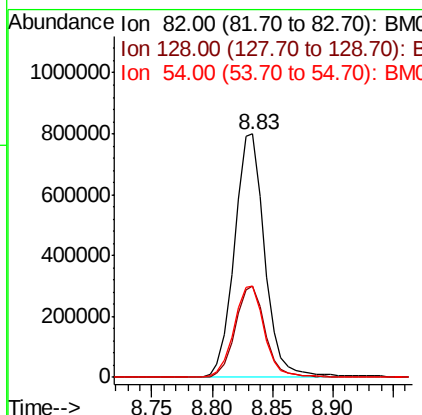
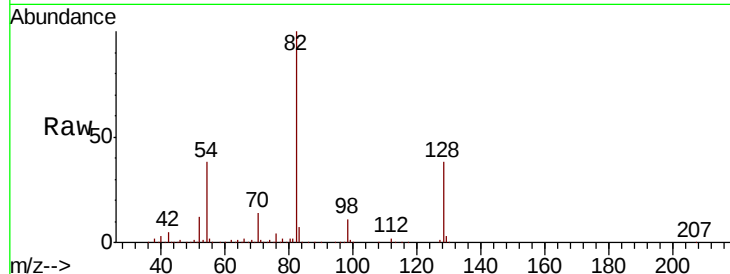




#23
Nitrobenzene-d5
Concen: 85.514 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM019134.D
Acq: 13 Mar 2019 06:04

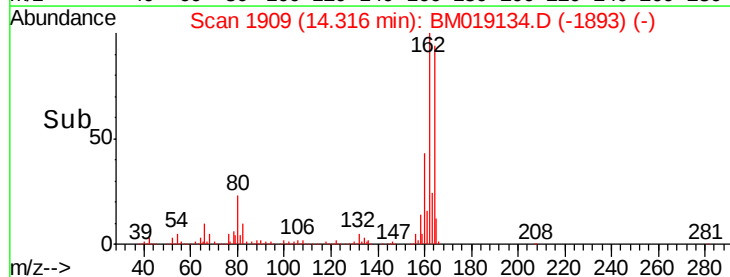
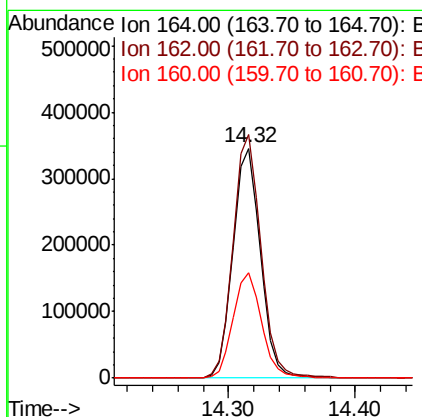
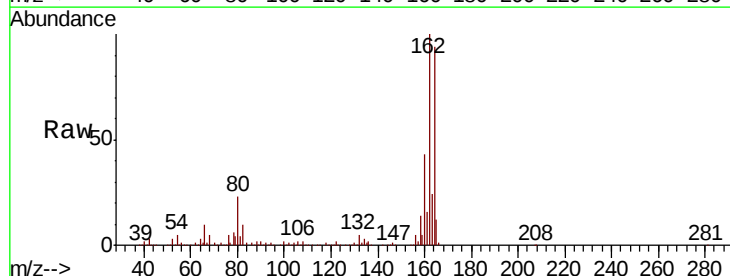
Instrument :
BNA_M
ClientSampleId :
PUMP-CON

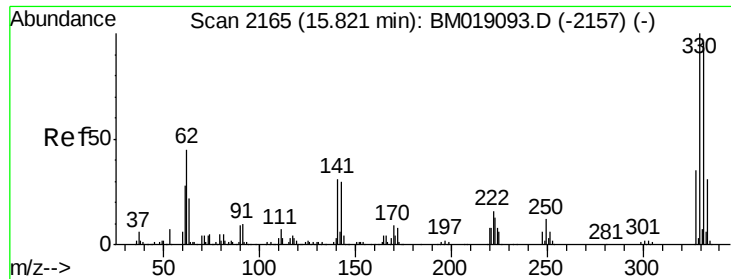
Tot Ion: 82 Resp: 1401581
Ion Ratio Lower Upper
82 100
128 37.6 29.4 44.2
54 37.6 29.9 44.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BM019134.D
Acq: 13 Mar 2019 06:04

Tgt Ion:164 Resp: 517213
Ion Ratio Lower Upper
164 100
162 105.9 83.5 125.3
160 46.0 36.3 54.5

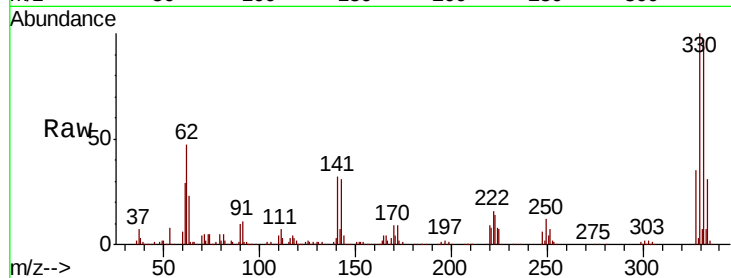




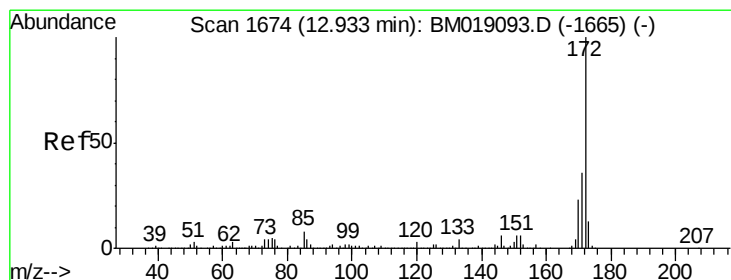
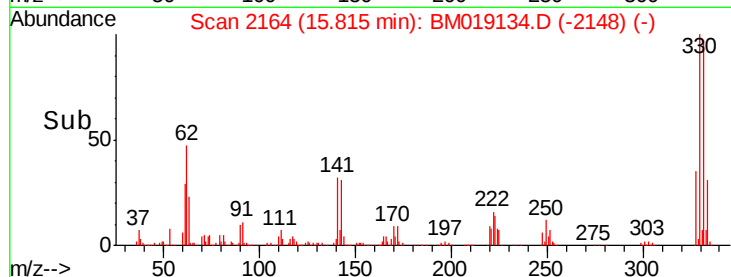
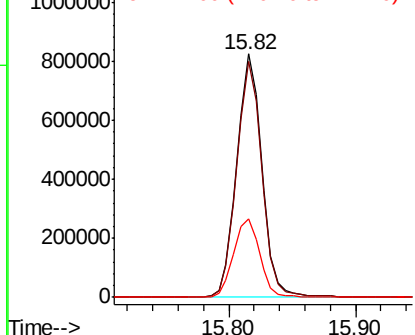
#42
 2,4,6-Tribromophenol
 Concen: 148.247 ng
 RT: 15.82 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: BM019134.D
 Acq: 13 Mar 2019 06:04

Instrument :
 BNA_M
 ClientSampleId :
 PUMP-CON

Tot Ion:330 Resp: 1132083
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.8 115.2
 141 33.7 27.0 40.4

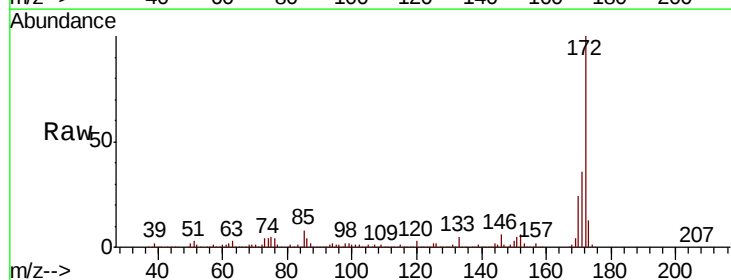


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

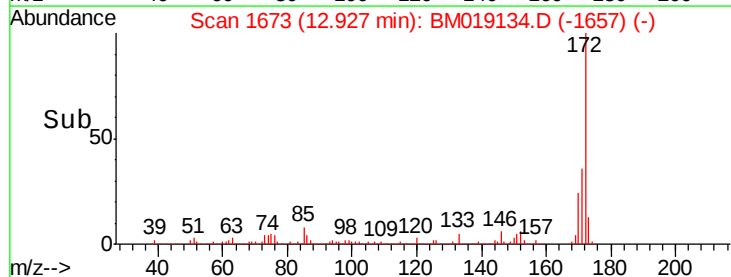
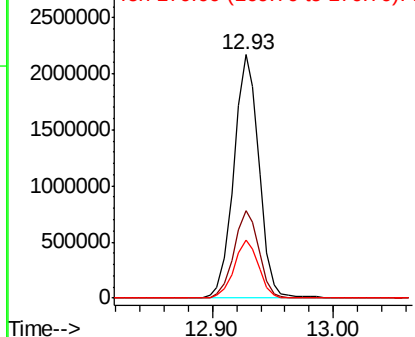


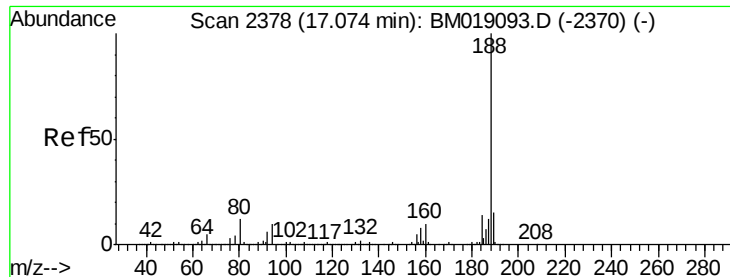
#45
 2-Fluorobiphenyl
 Concen: 79.446 ng
 RT: 12.93 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BM019134.D
 Acq: 13 Mar 2019 06:04

Tgt Ion:172 Resp: 3158974
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 42.8
 170 23.6 18.6 28.0



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: 17.07 min Scan# 2377

Delta R.T. -0.01 min

Lab File: BM019134.D

Acq: 13 Mar 2019 06:04

Instrument :

BNA_M

ClientSampleId :

PUMP-CON

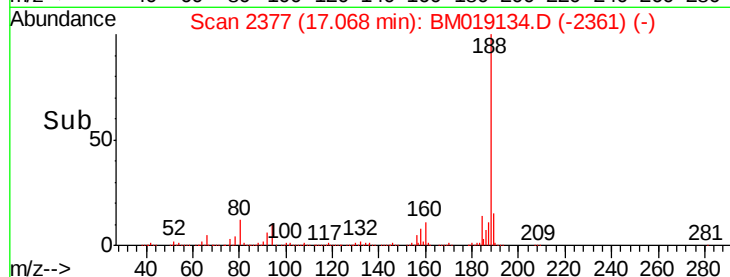
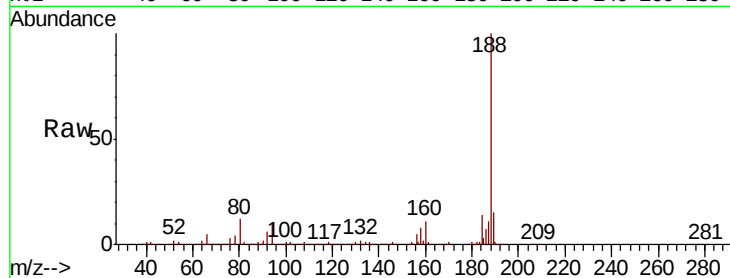
Tot Ion:188 Resp: 1279520

Ion Ratio Lower Upper

188 100

94 10.4 8.1 12.1

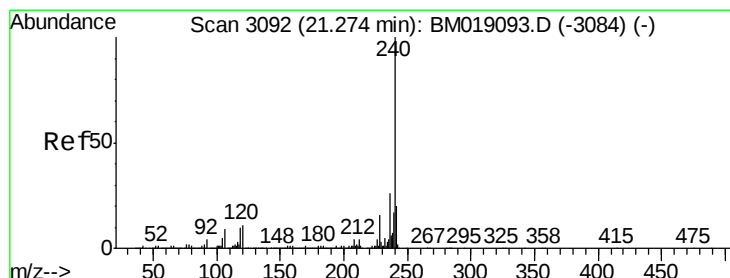
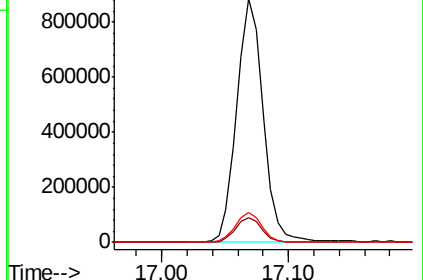
80 12.5 9.7 14.5



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: 21.26 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM019134.D

Acq: 13 Mar 2019 06:04

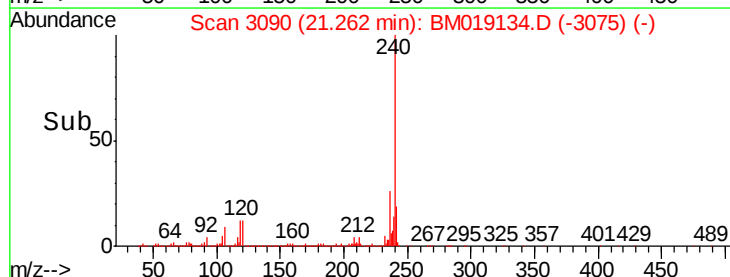
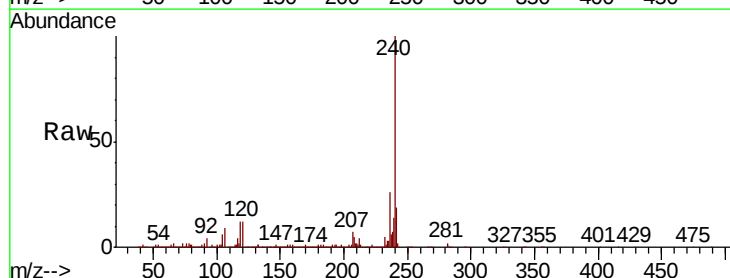
Tgt Ion:240 Resp: 1344948

Ion Ratio Lower Upper

240 100

120 12.0 8.9 13.3

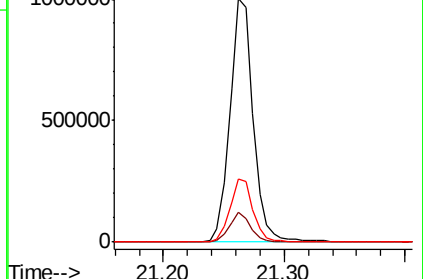
236 25.7 21.0 31.4



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: 89.637 ng

RT: 19.70 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM019134.D

Acq: 13 Mar 2019 06:04

Instrument :

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ClientSampleId :

PUMP-CON

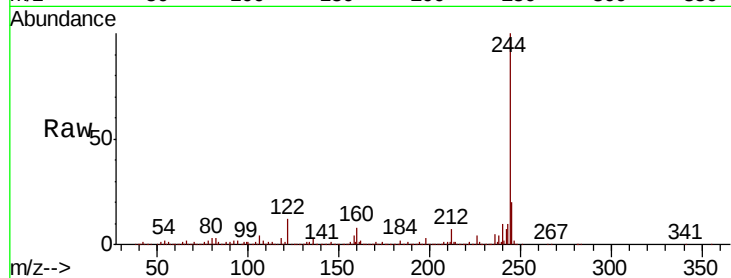
Tot Ion:244 Resp: 6072708

Ion Ratio Lower Upper

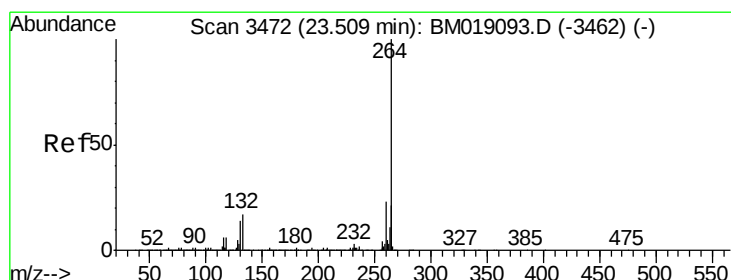
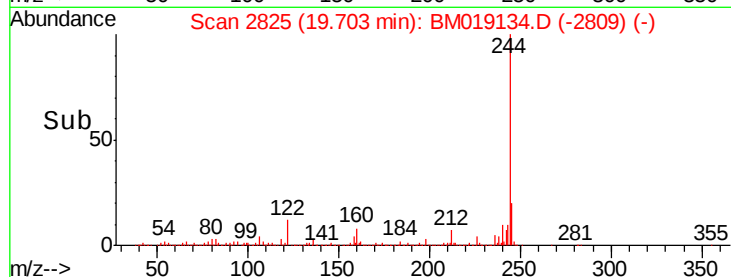
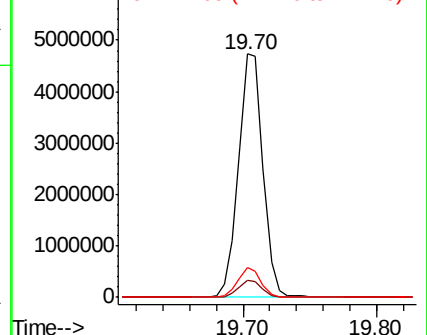
244 100

212 7.0 5.4 8.2

122 12.1 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: 23.50 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BM019134.D

Acq: 13 Mar 2019 06:04

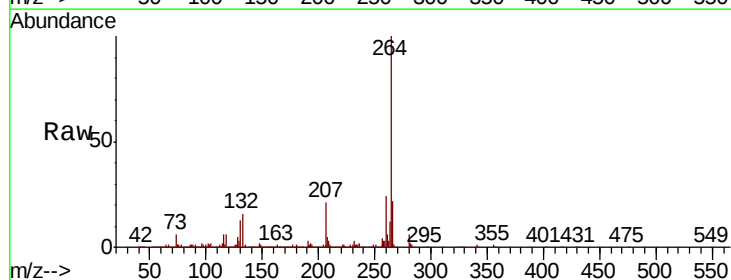
Tgt Ion:264 Resp: 1221122

Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 21.8 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

