

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031919\
 Data File : BM019247.D
 Acq On : 19 Mar 2019 21:34
 Operator : JU/SJ
 Sample : K1691-16
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CL-01-031519-D

Quant Time: Mar 20 05:12:41 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	7.64	152	169917	20.00	ng	-0.02
21) Naphthalene-d8	10.42	136	675642	20.00	ng	-0.03
39) Acenaphthene-d10	14.29	164	447997	20.00	ng	-0.03
64) Phenanthrene-d10	17.05	188	1080737	20.00	ng	-0.02
76) Chrysene-d12	21.25	240	1108013	20.00	ng	-0.02
87) Perylene-d12	23.48	264	1003989	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1368142	130.40	ng	-0.02
7) Phenol-d6	6.82	99	1792386	116.79	ng	-0.02
23) Nitrobenzene-d5	8.81	82	1380585	96.59	ng	-0.02
42) 2,4,6-Tribromophenol	15.80	330	1093379	165.30	ng	-0.02
45) 2-Fluorobiphenyl	12.90	172	3155804	91.63	ng	-0.03
79) Terphenyl-d14	19.69	244	6407402	114.80	ng	-0.02

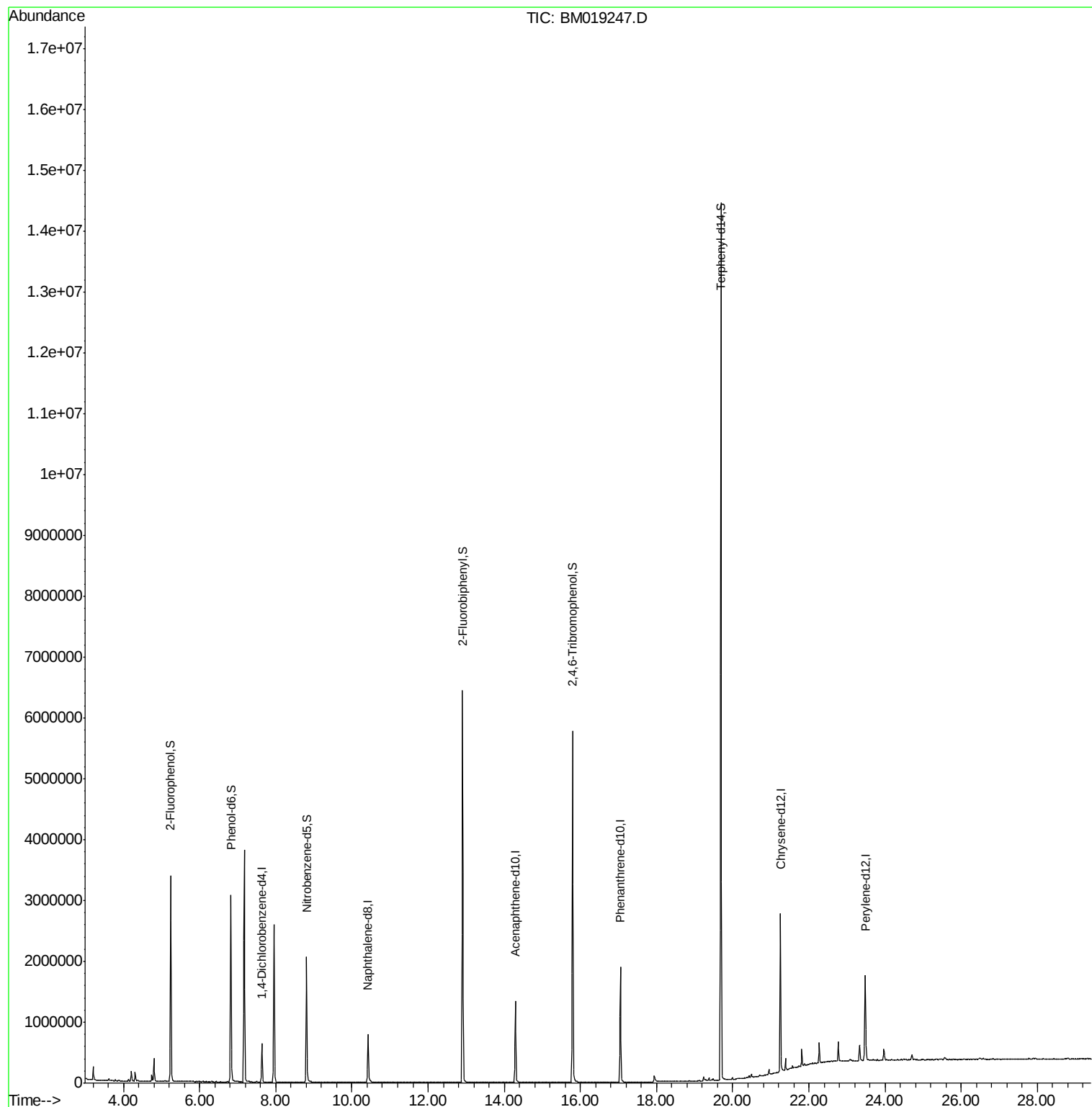
Target Compounds	Qvalue
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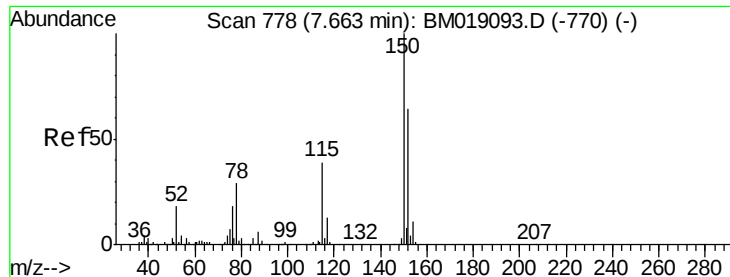
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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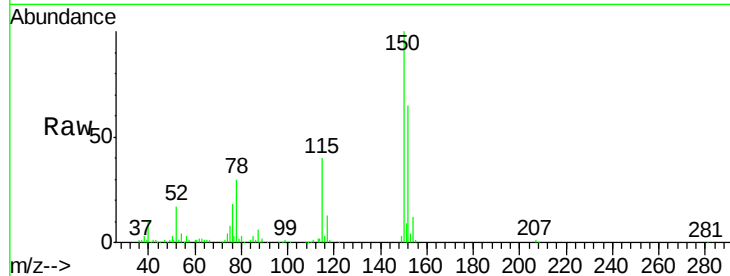


#1

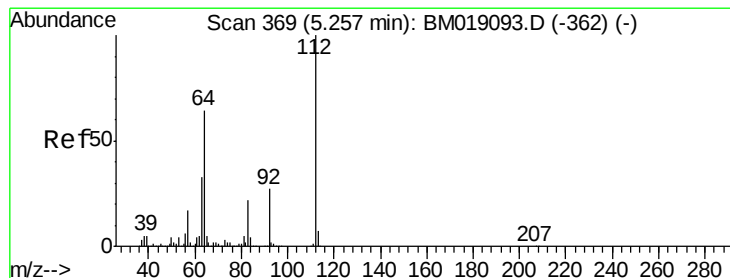
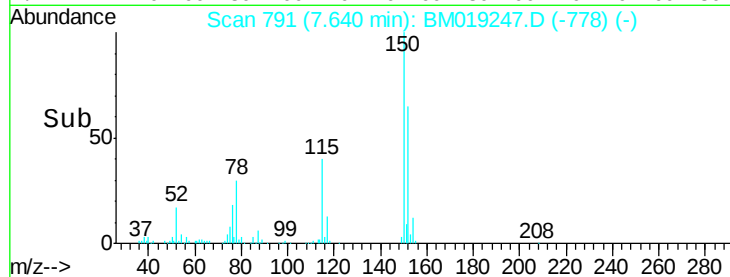
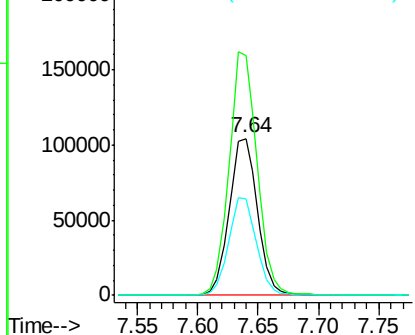
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.64 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM019247.D
Acq: 19 Mar 2019 21:34

Instrument :
BNA_M
ClientSampleId :
CL-01-031519-D

Tgt Ion:152 Resp: 169917
Ion Ratio Lower Upper
152 100
150 152.9 125.3 187.9
115 61.0 49.4 74.0



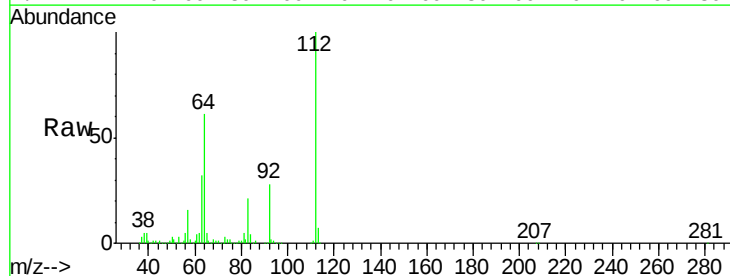
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



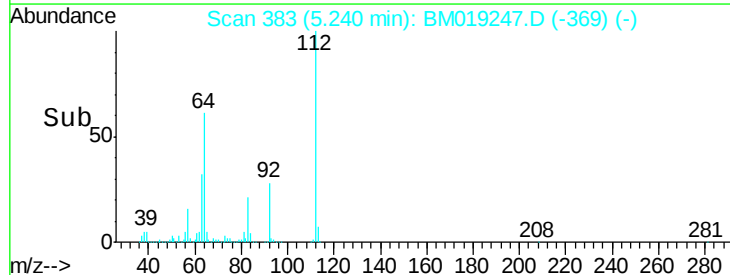
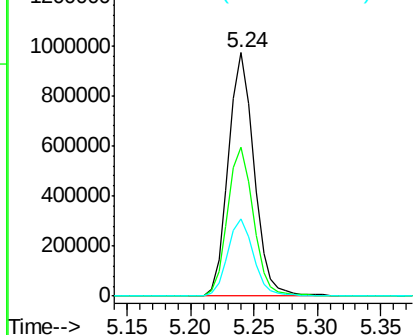
#5

2-Fluorophenol
Concen: 130.398 ng
RT: 5.24 min Scan# 383
Delta R.T. -0.02 min
Lab File: BM019247.D
Acq: 19 Mar 2019 21:34

Tgt Ion:112 Resp: 1368142
Ion Ratio Lower Upper
112 100
64 61.1 51.4 77.0
63 31.6 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: 116.792 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.02 min

Lab File: BM019247.D

Acq: 19 Mar 2019 21:34

Instrument :

BNA_M

ClientSampleId :

CL-01-031519-D

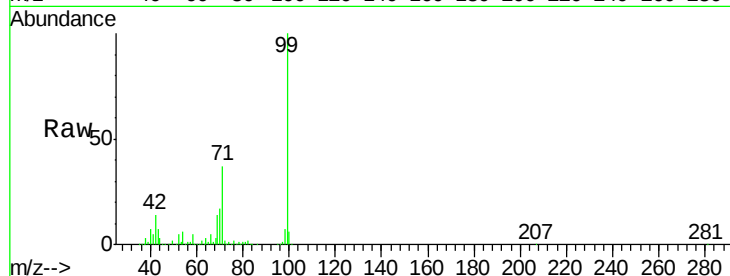
Tgt Ion: 99 Resp: 1792386

Ion Ratio Lower Upper

99 100

42 13.6 10.9 16.3

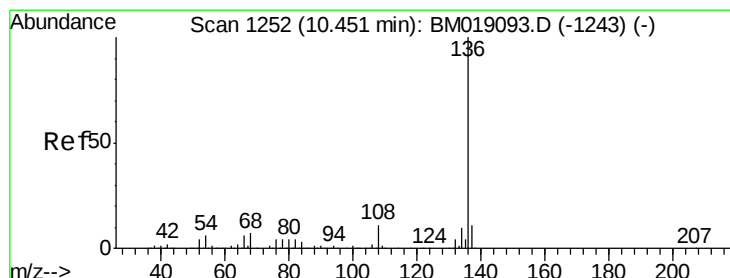
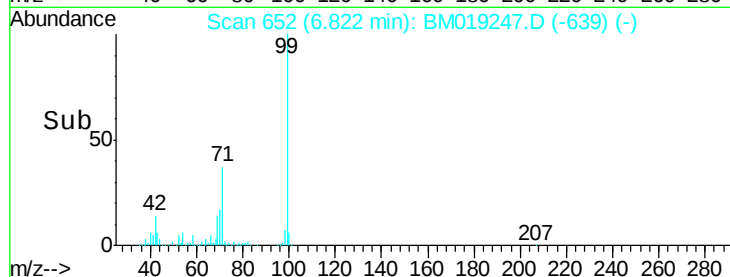
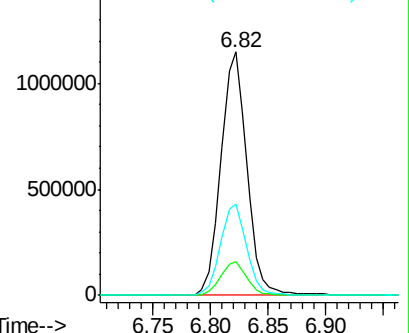
71 37.3 30.3 45.5



Abundance Ion 99.00 (98.70 to 99.70): BM019093.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM019093.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM019093.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1264

Delta R.T. -0.03 min

Lab File: BM019247.D

Acq: 19 Mar 2019 21:34

Tgt Ion: 136 Resp: 675642

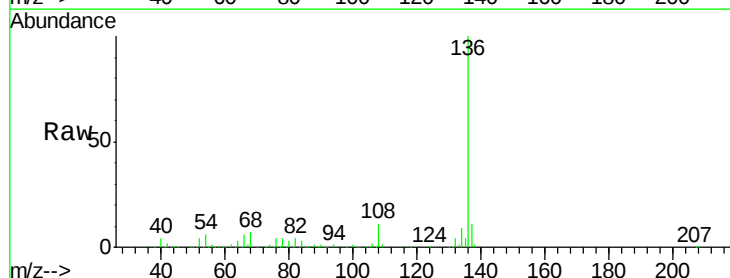
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 6.4 5.2 7.8

68 7.0 5.8 8.8

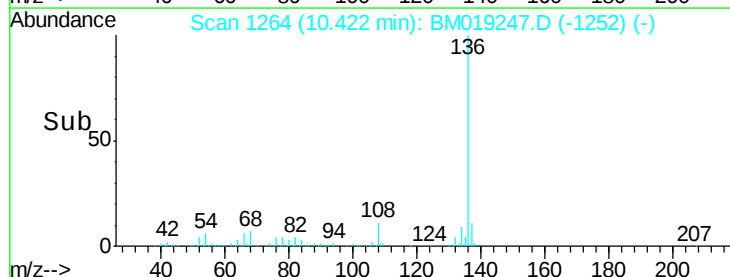
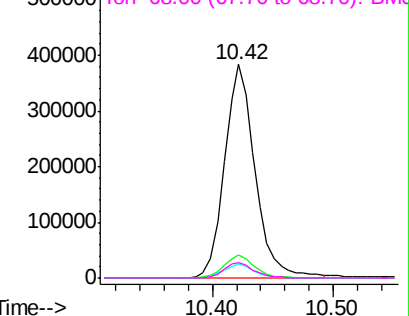


Abundance Ion 136.00 (135.70 to 136.70): BM019093.D (-1243) (-)

Ion 137.00 (136.70 to 137.70): BM019093.D (-1243) (-)

Ion 54.00 (53.70 to 54.70): BM019093.D (-1243) (-)

Ion 68.00 (67.70 to 68.70): BM019093.D (-1243) (-)

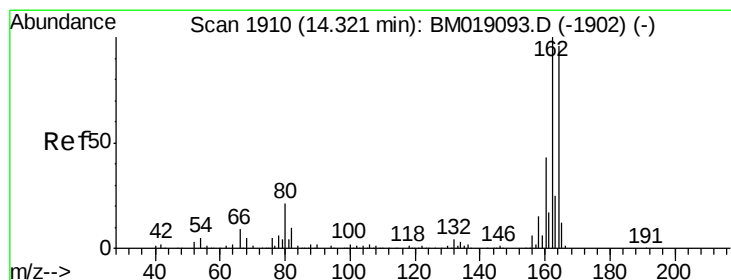
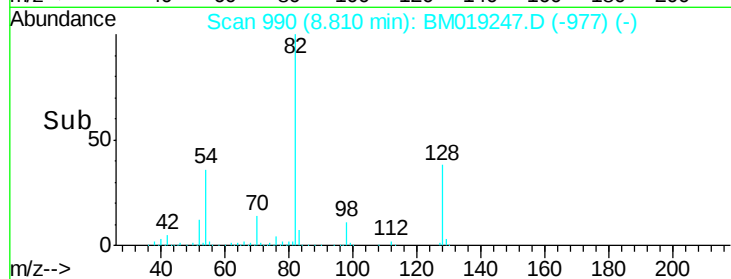
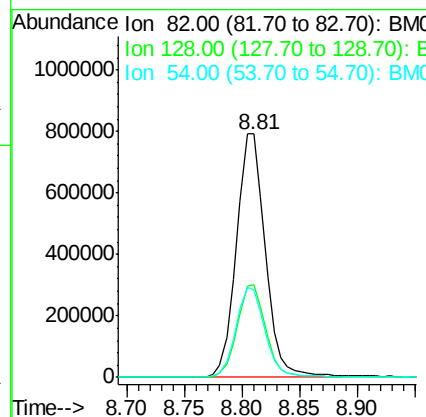
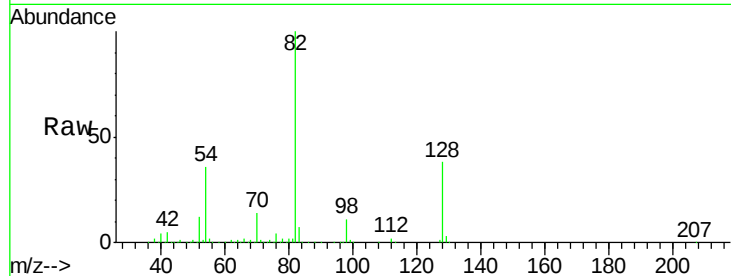




#23
Nitrobenzene-d5
Concen: 96.590 ng
RT: 8.81 min Scan# 990
Delta R.T. -0.02 min
Lab File: BM019247.D
Acq: 19 Mar 2019 21:34

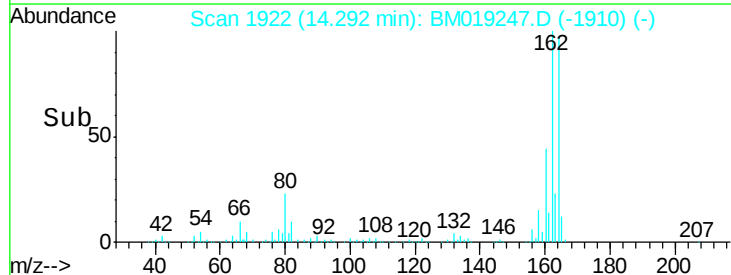
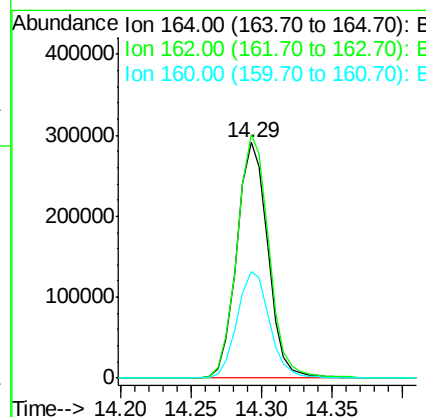
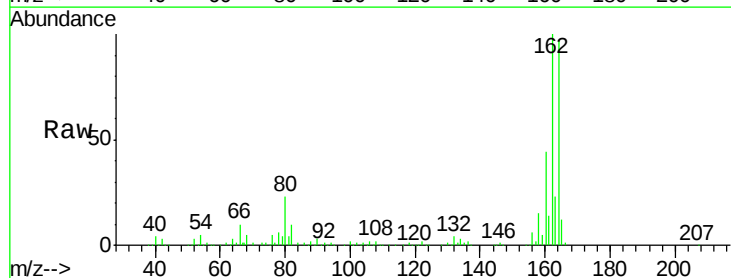
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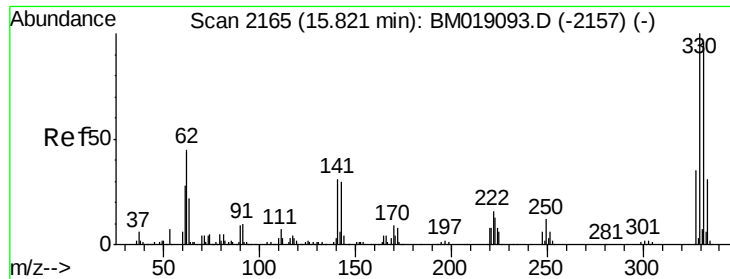
Tgt Ion: 82 Resp: 1380585
Ion Ratio Lower Upper
82 100
128 38.0 29.4 44.2
54 35.9 29.9 44.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1922
Delta R.T. -0.03 min
Lab File: BM019247.D
Acq: 19 Mar 2019 21:34

Tgt Ion: 164 Resp: 447997
Ion Ratio Lower Upper
164 100
162 103.5 83.5 125.3
160 45.5 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 165.300 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BM019247.D

Acq: 19 Mar 2019 21:34

Instrument :

BNA_M

ClientSampleId :

CL-01-031519-D

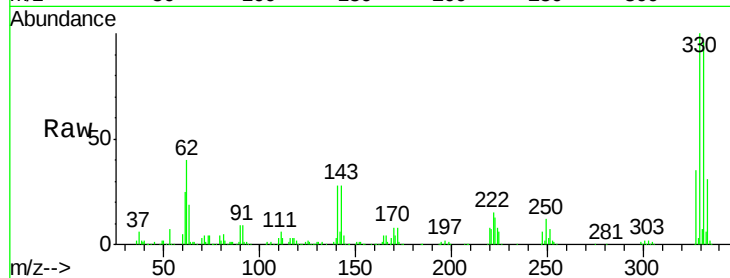
Tgt Ion:330 Resp: 1093379

Ion Ratio Lower Upper

330 100

332 96.4 76.8 115.2

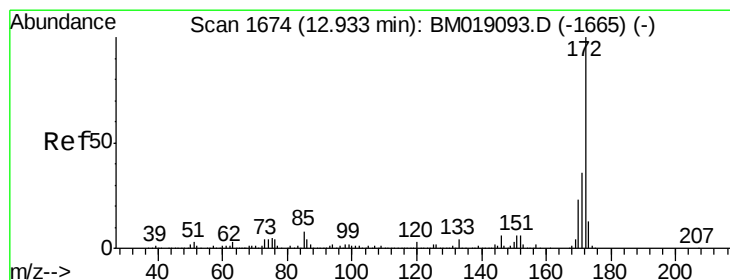
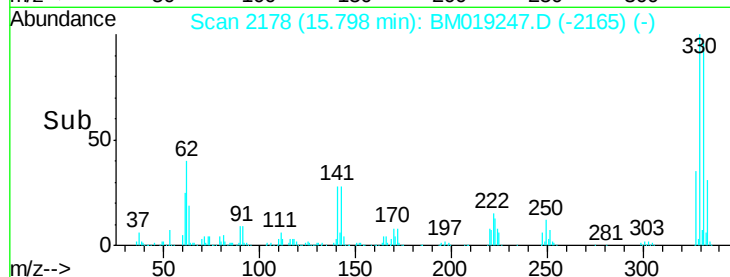
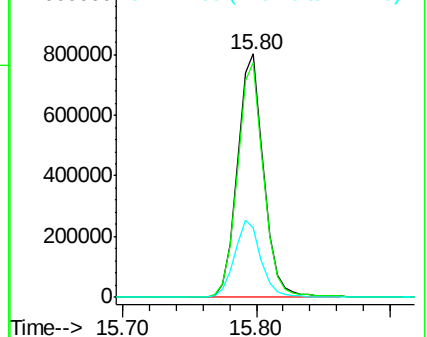
141 32.1 27.0 40.4



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: 91.629 ng

RT: 12.90 min Scan# 1686

Delta R.T. -0.03 min

Lab File: BM019247.D

Acq: 19 Mar 2019 21:34

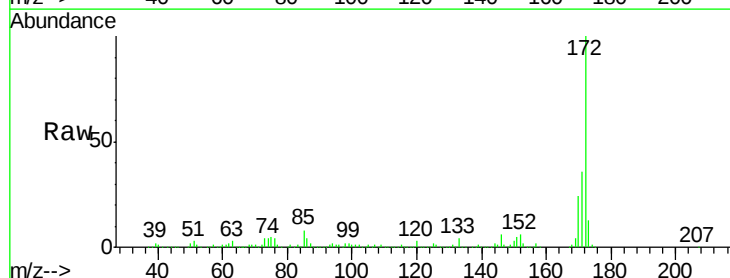
Tgt Ion:172 Resp: 3155804

Ion Ratio Lower Upper

172 100

171 35.9 28.6 42.8

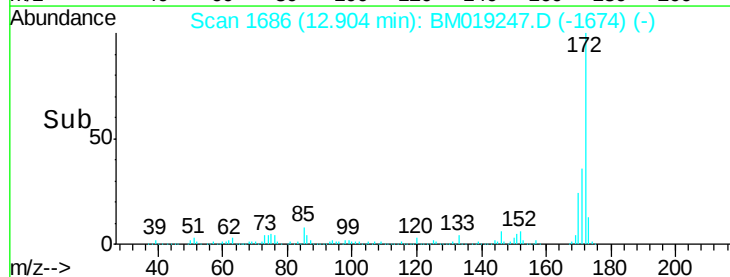
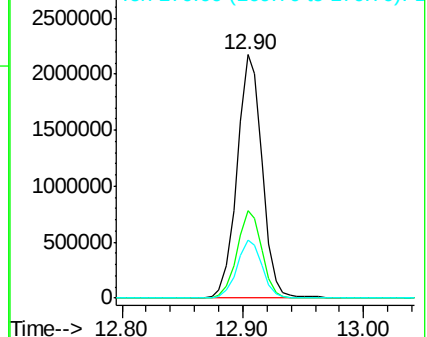
170 23.6 18.6 28.0



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

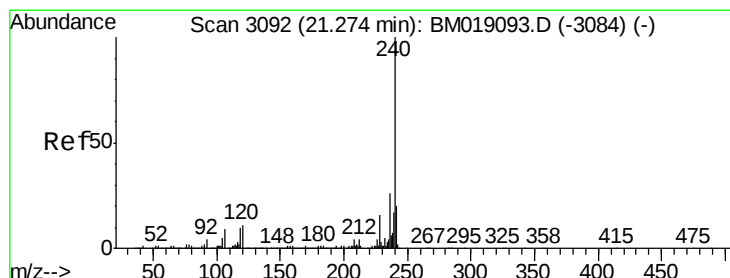
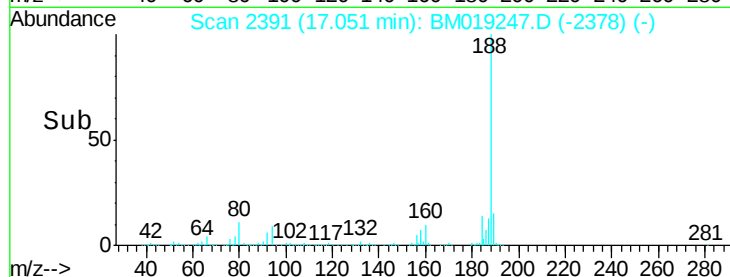
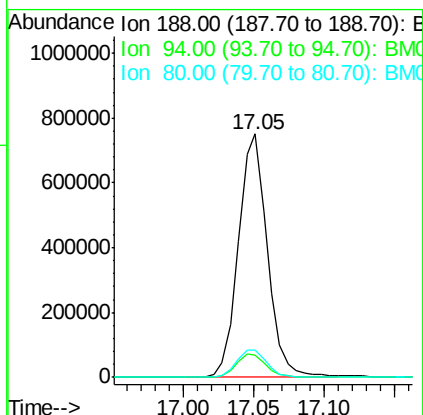
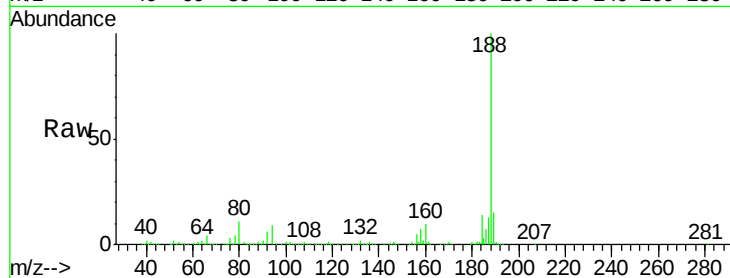




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2391
Delta R.T. -0.02 min
Lab File: BM019247.D
Acq: 19 Mar 2019 21:34

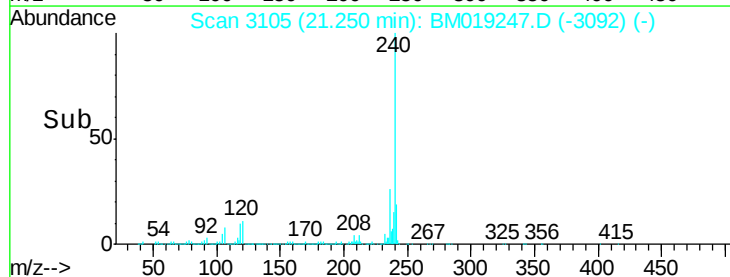
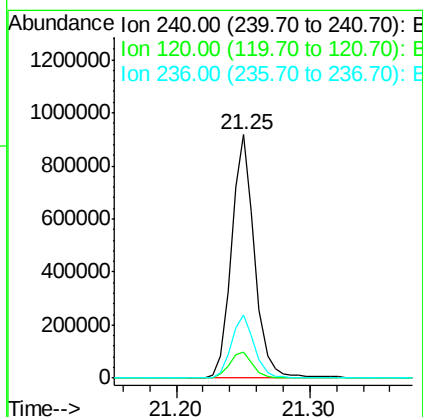
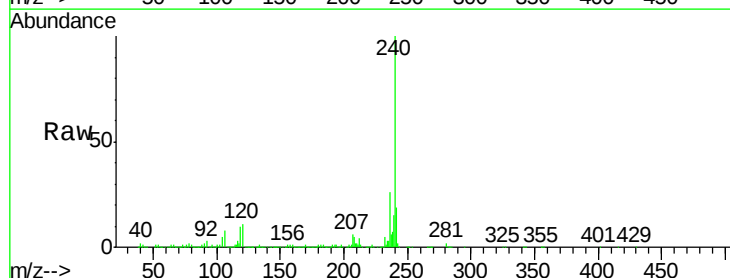
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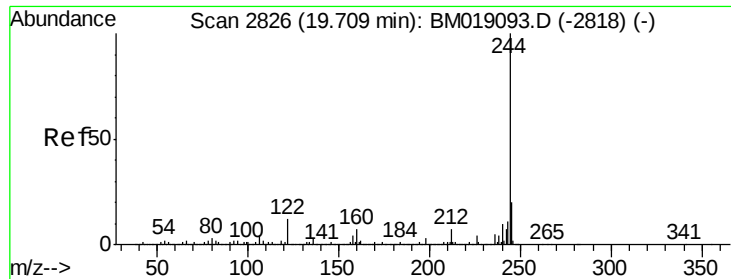
Tgt Ion:188 Resp: 1080737
Ion Ratio Lower Upper
188 100
94 9.3 8.1 12.1
80 11.2 9.7 14.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.02 min
Lab File: BM019247.D
Acq: 19 Mar 2019 21:34

Tgt Ion:240 Resp: 1108013
Ion Ratio Lower Upper
240 100
120 10.6 8.9 13.3
236 26.2 21.0 31.4

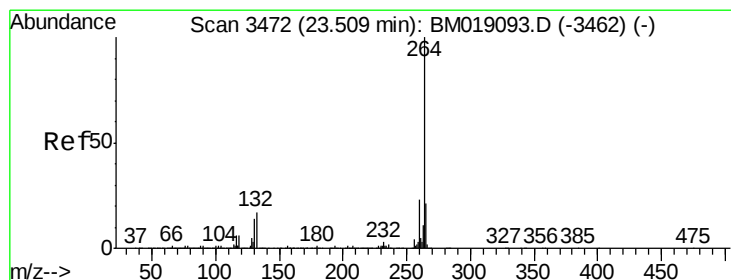
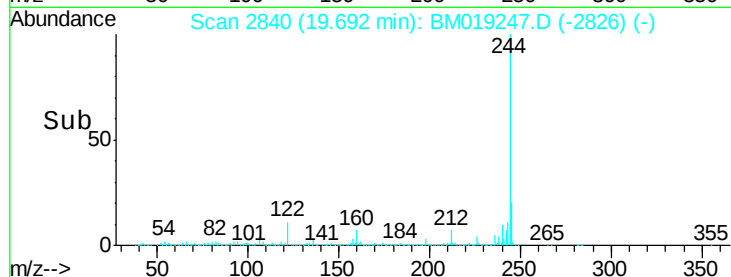
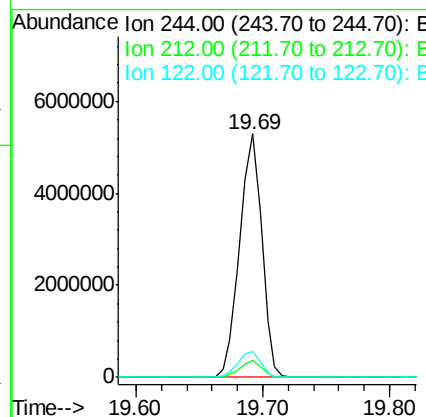
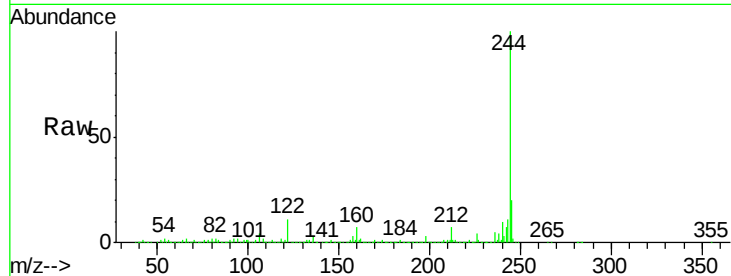




#79
 Terphenyl-d14
 Concen: 114.801 ng
 RT: 19.69 min Scan# 2840
 Delta R.T. -0.02 min
 Lab File: BM019247.D
 Acq: 19 Mar 2019 21:34

Instrument :
 BNA_M
 ClientSampleId :
 CL-01-031519-D

Tgt Ion:244 Resp: 6407402
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.6 9.4 14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.48 min Scan# 3484
 Delta R.T. -0.03 min
 Lab File: BM019247.D
 Acq: 19 Mar 2019 21:34

Tgt Ion:264 Resp: 1003989
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 28.0
 265 22.5 17.3 25.9

