

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM042419\
 Data File : BM020069.D
 Acq On : 24 Apr 2019 17:52
 Operator : JU/SJ
 Sample : K2200-12
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EO-02-042319-C

Quant Time: Apr 25 03:06:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 19 00:56:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	88062	20.00	ng	-0.02
21) Naphthalene-d8	10.27	136	260652	20.00	ng	-0.01
39) Acenaphthene-d10	14.16	164	169116	20.00	ng	-0.01
64) Phenanthrene-d10	16.93	188	352553	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	325174	20.00	ng	-0.01
87) Perylene-d12	23.33	264	377169	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	664550	122.30	ng	-0.02
7) Phenol-d6	6.68	99	745547	91.17	ng	-0.03
23) Nitrobenzene-d5	8.66	82	628027	107.75	ng	-0.02
42) 2,4,6-Tribromophenol	15.67	330	332857	122.27	ng	-0.02
45) 2-Fluorobiphenyl	12.76	172	1285729	94.75	ng	-0.03
79) Terphenyl-d14	19.57	244	2036642	110.47	ng	-0.02

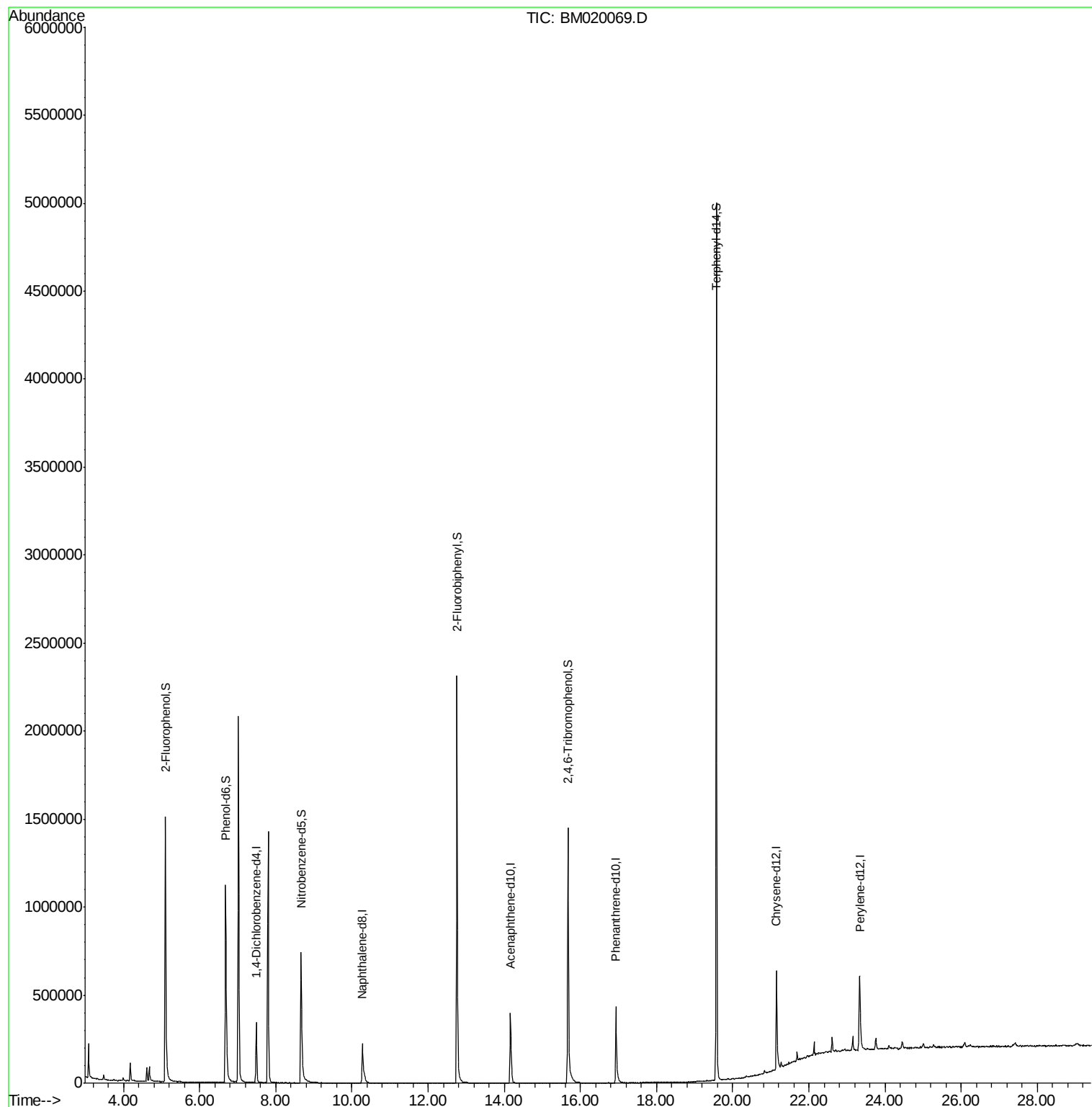
Target Compounds	Qvalue
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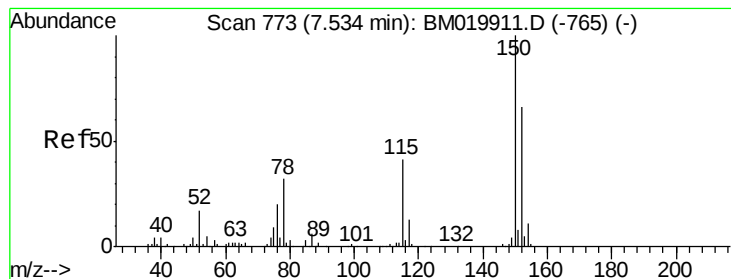
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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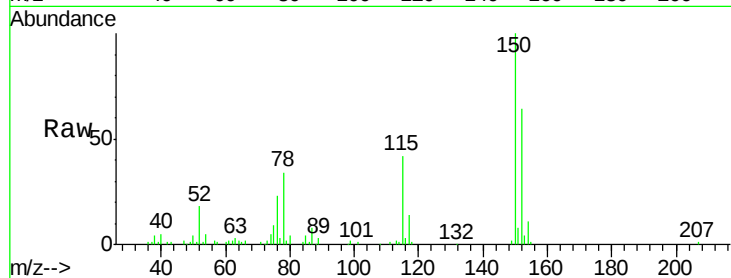


#1

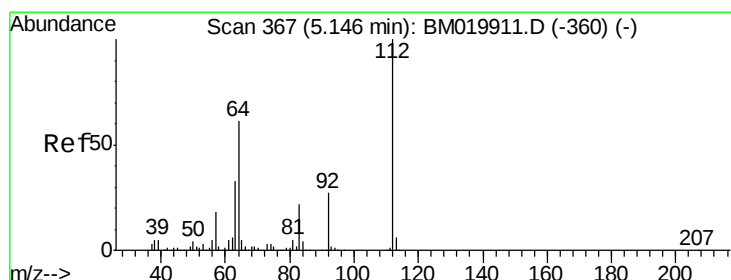
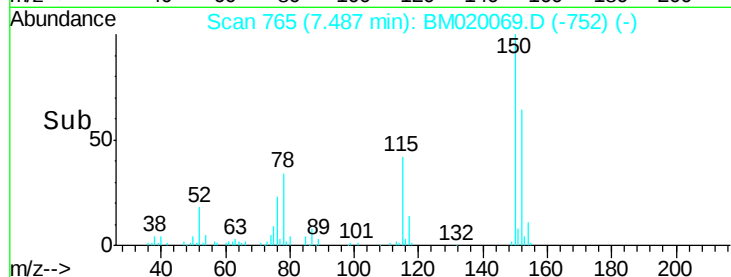
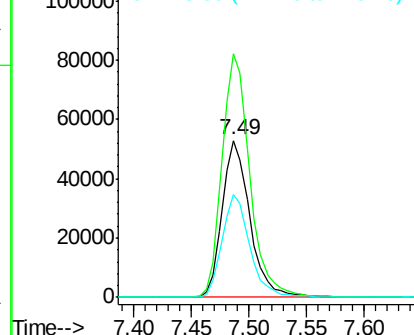
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.49 min Scan# 765
Delta R.T. -0.02 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Instrument :
BNA_M
ClientSampleId :
EO-02-042319-C

Tgt Ion:152 Resp: 88062
Ion Ratio Lower Upper
152 100
150 155.2 122.1 183.1
115 65.5 50.0 75.0



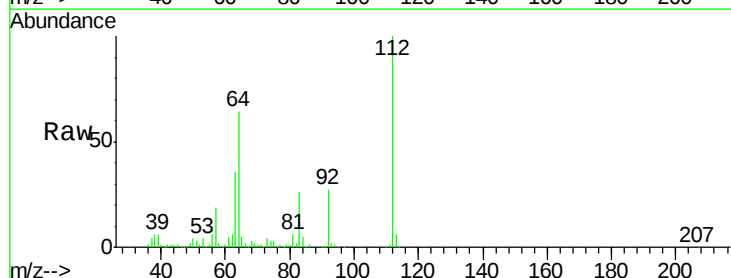
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



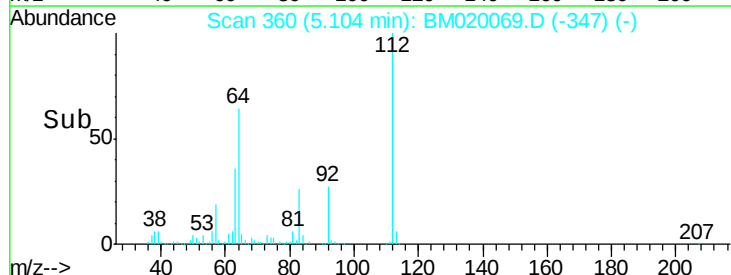
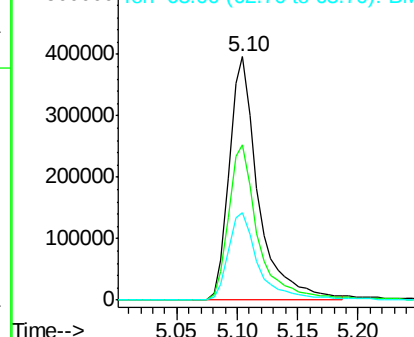
#5

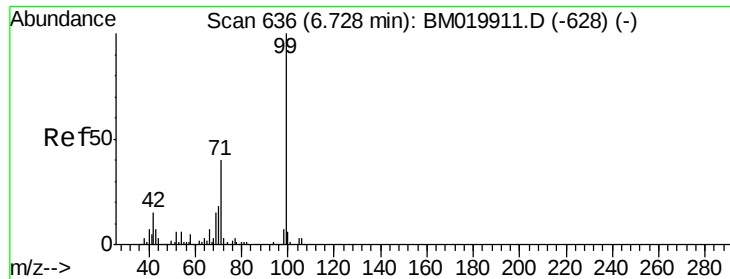
2-Fluorophenol
Concen: 122.300 ng
RT: 5.10 min Scan# 360
Delta R.T. -0.02 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Tgt Ion:112 Resp: 664550
Ion Ratio Lower Upper
112 100
64 63.7 49.1 73.7
63 36.1 26.5 39.7



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: 91.168 ng

RT: 6.68 min Scan# 628

Delta R.T. -0.03 min

Lab File: BM020069.D

Acq: 24 Apr 2019 17:52

Instrument :

BNA_M

ClientSampleId :

EO-02-042319-C

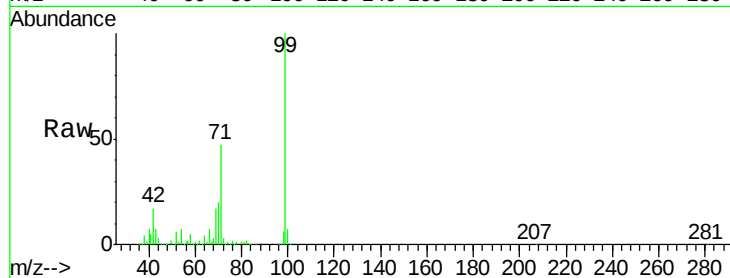
Tgt Ion: 99 Resp: 745547

Ion Ratio Lower Upper

99 100

42 16.7 11.8 17.8

71 46.7 32.0 48.0



Abundance Ion 99.00 (98.70 to 99.70): BM020069.D (-616) (-)

Ion 42.00 (41.70 to 42.70): BM020069.D (-616) (-)

Ion 71.00 (70.70 to 71.70): BM020069.D (-616) (-)

500000

400000

300000

200000

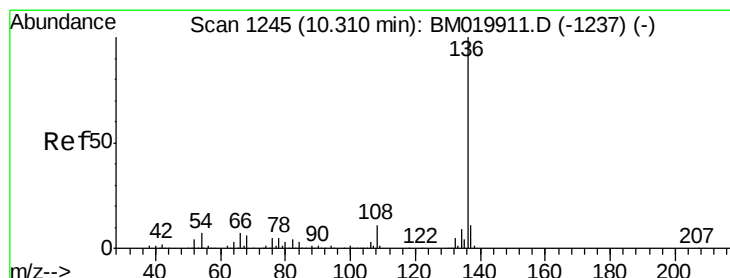
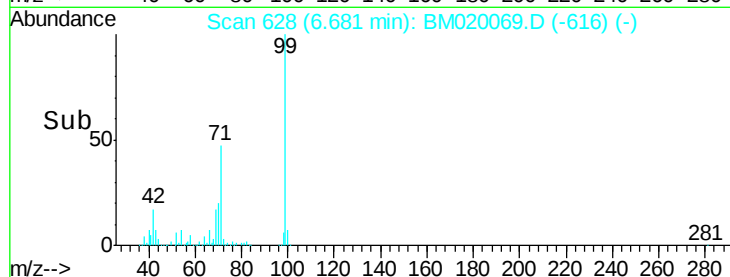
100000

0

6.68

6.60 6.65 6.70 6.75 6.80

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.27 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BM020069.D

Acq: 24 Apr 2019 17:52

Tgt Ion: 136 Resp: 260652

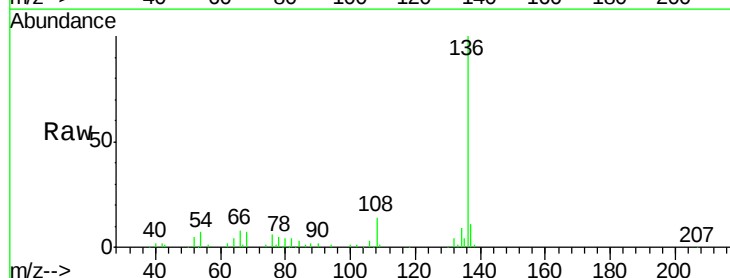
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.6

54 6.7 5.3 7.9

68 6.8 5.2 7.8



Abundance Ion 136.00 (135.70 to 136.70): BM020069.D (-1224) (-)

Ion 137.00 (136.70 to 137.70): BM020069.D (-1224) (-)

Ion 54.00 (53.70 to 54.70): BM020069.D (-1224) (-)

Ion 68.00 (67.70 to 68.70): BM020069.D (-1224) (-)

150000

100000

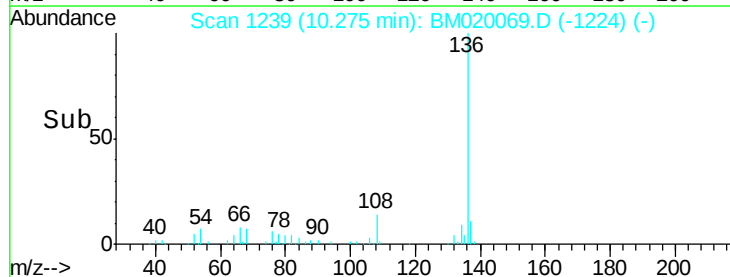
50000

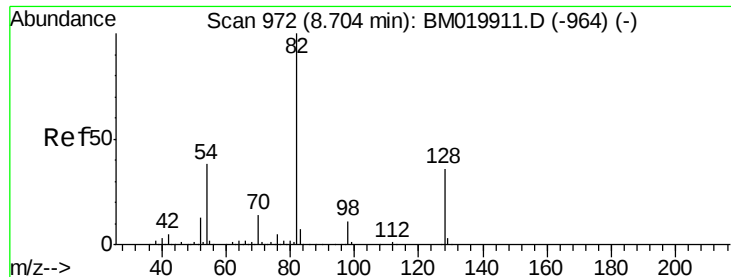
0

10.27

10.20 10.25 10.30 10.35

Time-->

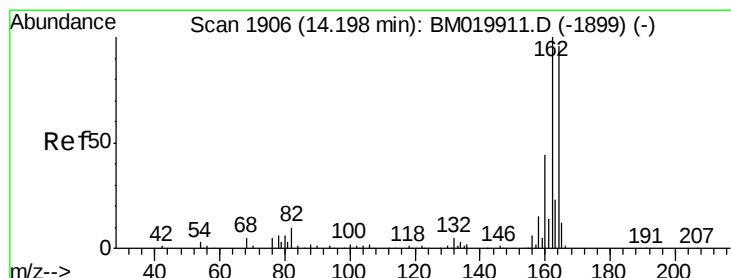
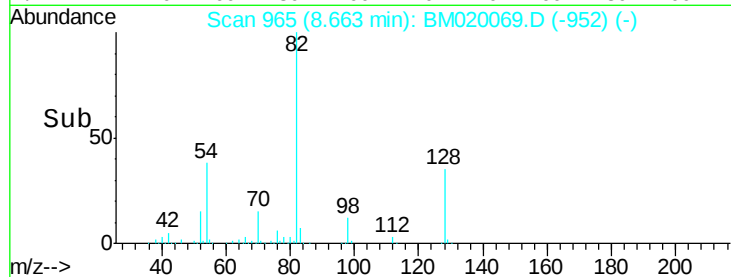
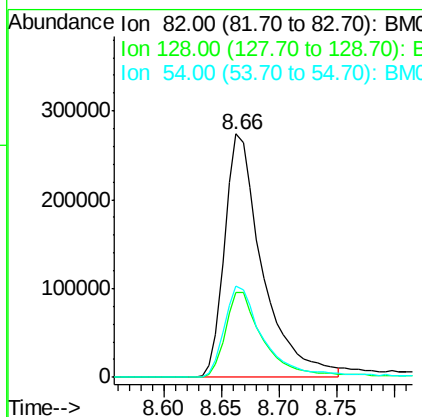
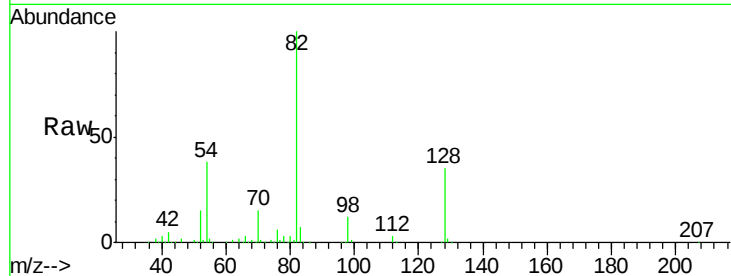




#23
 Nitrobenzene-d5
 Concen: 107.753 ng
 RT: 8.66 min Scan# 965
 Delta R.T. -0.02 min
 Lab File: BM020069.D
 Acq: 24 Apr 2019 17:52

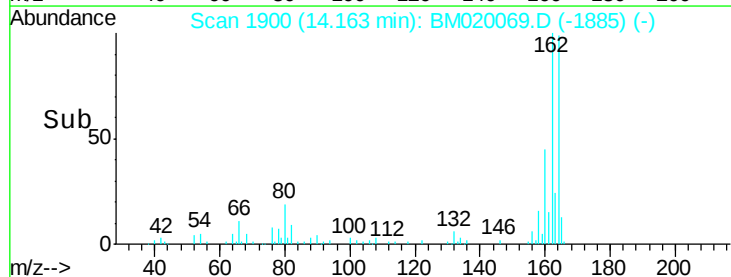
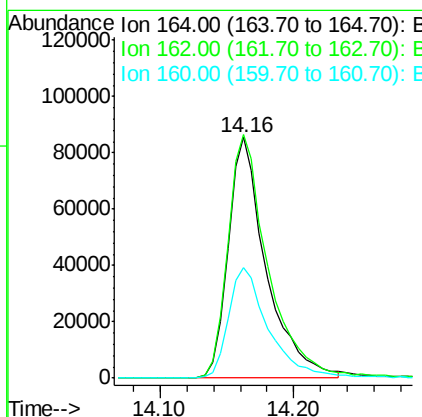
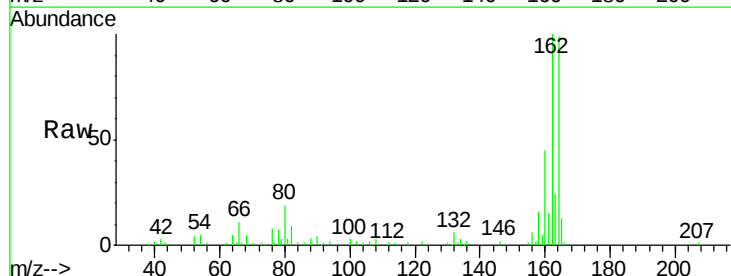
Instrument :
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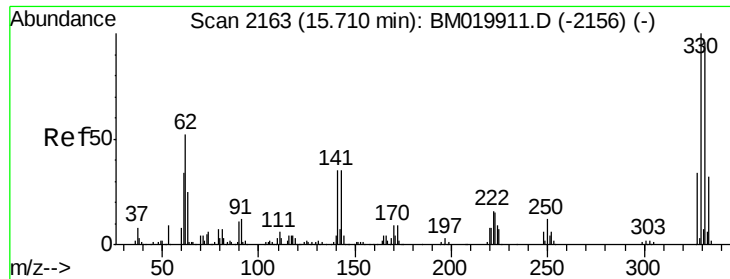
Tgt Ion: 82 Resp: 628027
 Ion Ratio Lower Upper
 82 100
 128 35.0 29.0 43.4
 54 37.7 30.2 45.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.16 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BM020069.D
 Acq: 24 Apr 2019 17:52

Tgt Ion: 164 Resp: 169116
 Ion Ratio Lower Upper
 164 100
 162 101.1 83.0 124.4
 160 45.6 36.6 55.0

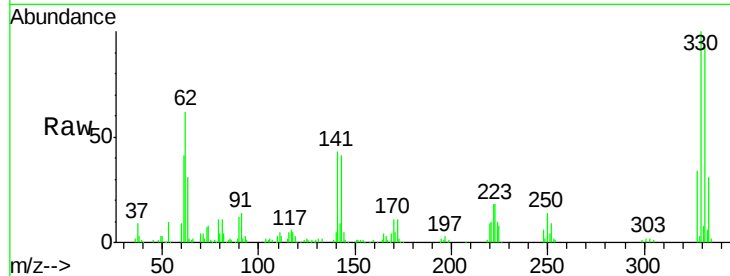




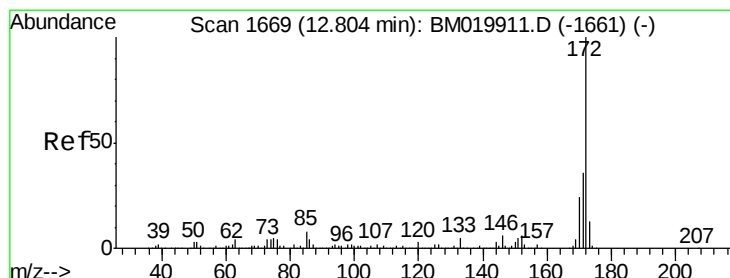
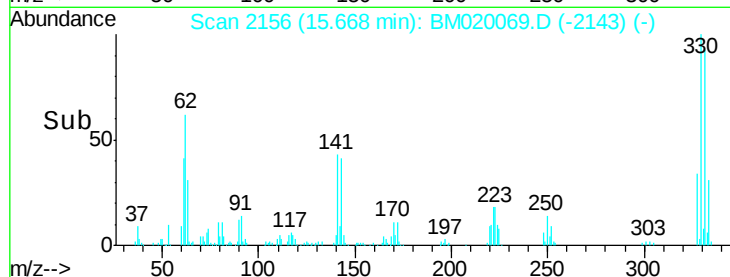
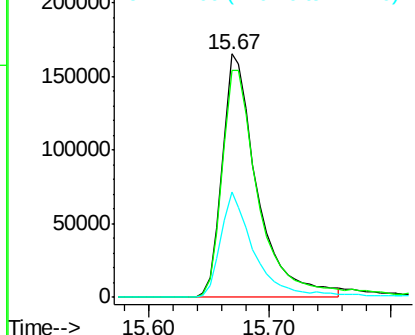
#42
 2,4,6-Tribromophenol
 Concen: 122.271 ng
 RT: 15.67 min Scan# 2156
 Delta R.T. -0.02 min
 Lab File: BM020069.D
 Acq: 24 Apr 2019 17:52

Instrument :
 BNA_M
 ClientSampleId :
 EO-02-042319-C

Tgt Ion:330 Resp: 332857
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 41.3 29.0 43.4

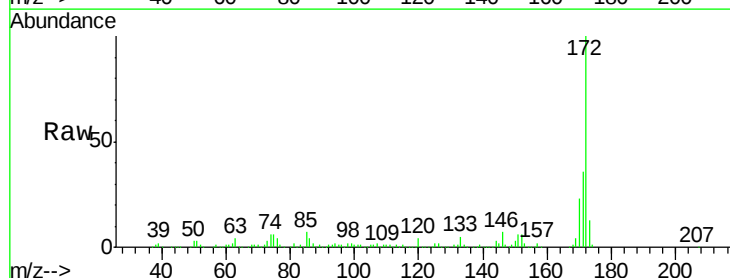


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

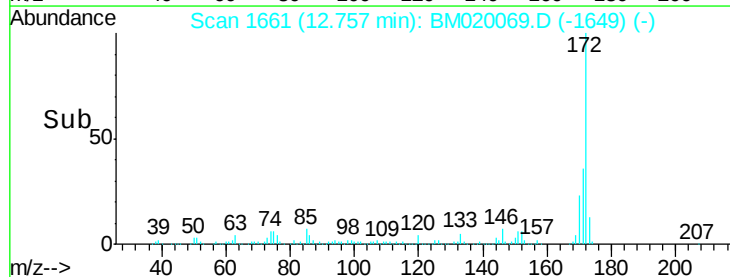
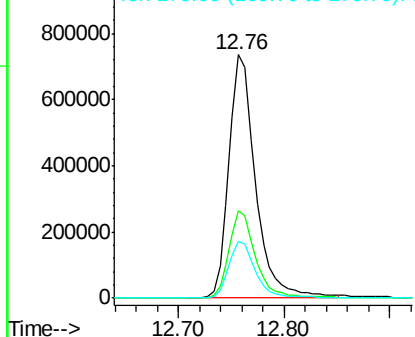


#45
 2-Fluorobiphenyl
 Concen: 94.747 ng
 RT: 12.76 min Scan# 1661
 Delta R.T. -0.03 min
 Lab File: BM020069.D
 Acq: 24 Apr 2019 17:52

Tgt Ion:172 Resp: 1285729
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.9 43.3
 170 23.3 19.0 28.4



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

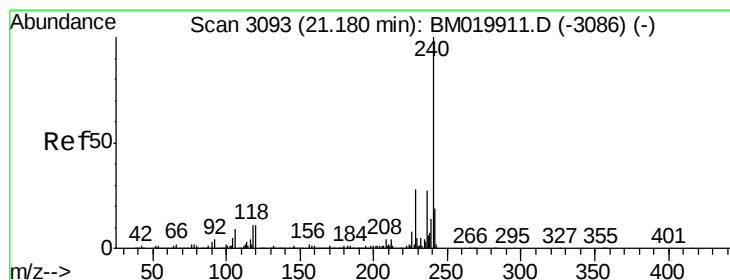
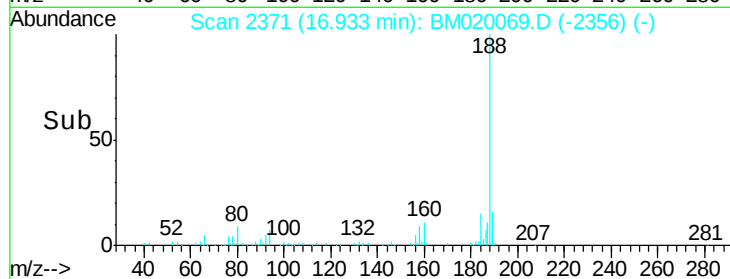
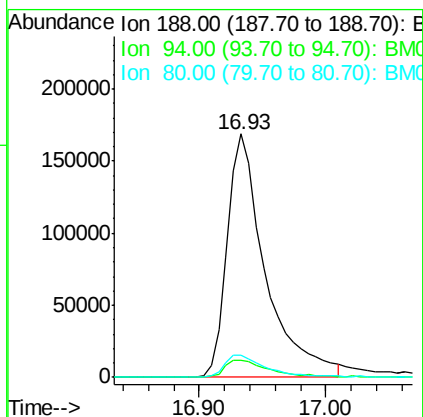
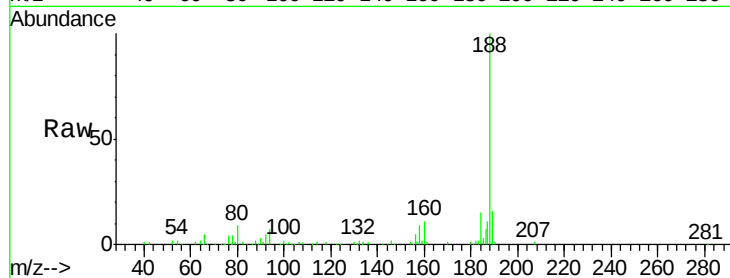




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.93 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

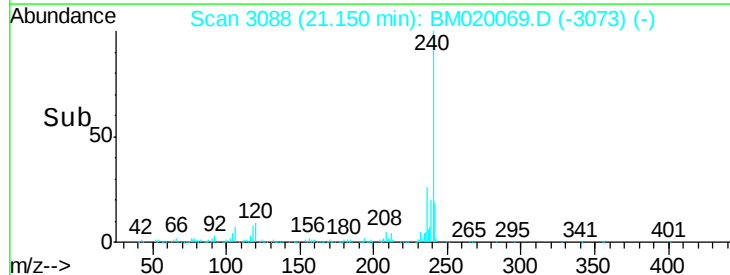
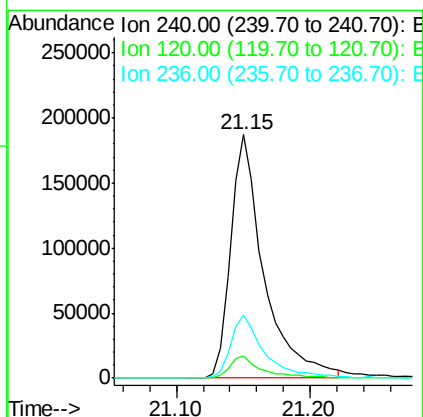
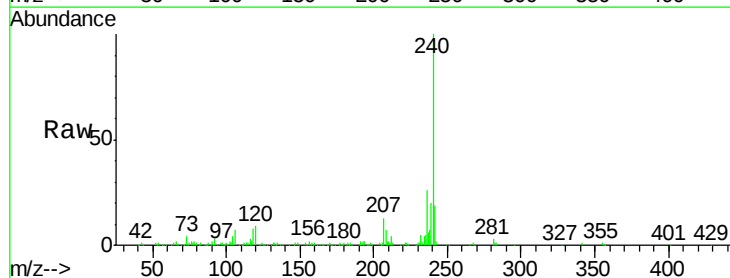
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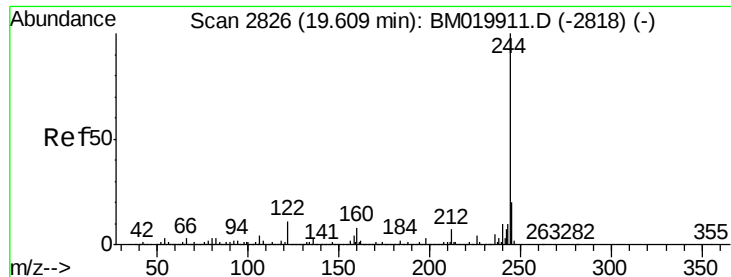
Tgt Ion:188 Resp: 352553
Ion Ratio Lower Upper
188 100
94 7.2 7.6 11.4#
80 9.2 9.4 14.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BM020069.D
Acq: 24 Apr 2019 17:52

Tgt Ion:240 Resp: 325174
Ion Ratio Lower Upper
240 100
120 8.9 8.6 13.0
236 26.1 21.4 32.2





#79

Terphenyl-d14

Concen: 110.473 ng

RT: 19.57 min Scan# 2819

Delta R.T. -0.02 min

Lab File: BM020069.D

Acq: 24 Apr 2019 17:52

Instrument :

BNA_M

ClientSampleId :

EO-02-042319-C

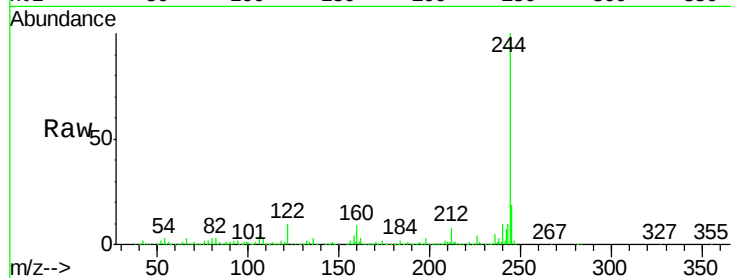
Tgt Ion:244 Resp: 2036642

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

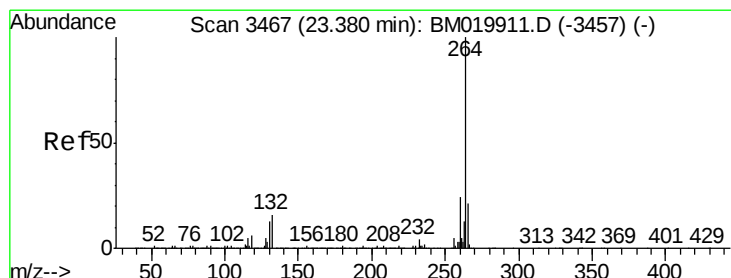
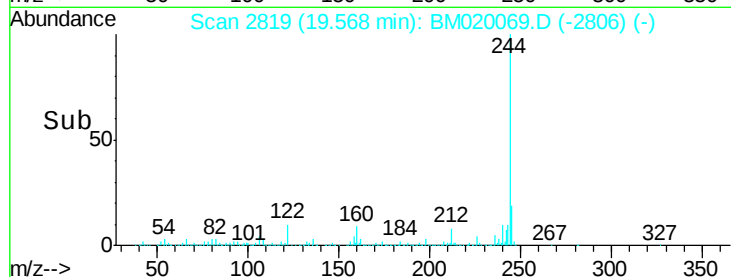
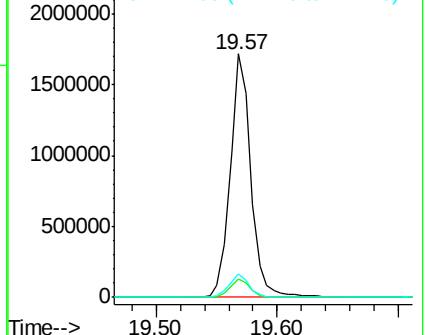
122 9.8 9.1 13.7



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: 23.33 min Scan# 3458

Delta R.T. -0.02 min

Lab File: BM020069.D

Acq: 24 Apr 2019 17:52

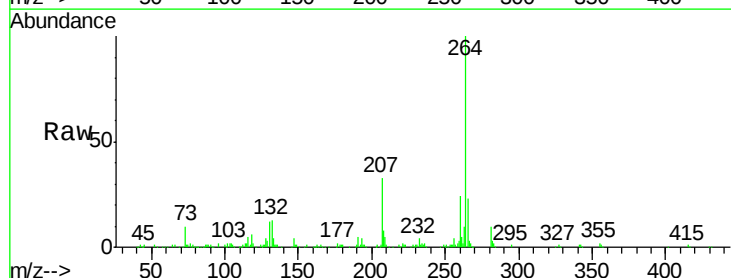
Tgt Ion:264 Resp: 377169

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 23.2 17.2 25.8



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

