

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070120\
 Data File : BM026636.D
 Acq On : 01 Jul 2020 14:19
 Operator : JU/CG
 Sample : L2815-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-062920

Quant Time: Jul 01 14:50:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 01 13:20:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	81672	20.00	ng	0.00
21) Naphthalene-d8	10.11	136	306755	20.00	ng	0.00
39) Acenaphthene-d10	14.02	164	183524	20.00	ng	0.00
64) Phenanthrene-d10	16.77	188	385857	20.00	ng	0.00
76) Chrysene-d12	20.99	240	403236	20.00	ng	0.00
86) Perylene-d12	23.07	264	417586	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	719844	155.83	ng	0.00
7) Phenol-d6	6.56	99	853469	127.59	ng	0.00
23) Nitrobenzene-d5	8.50	82	795436	127.32	ng	0.00
42) 2,4,6-Tribromophenol	15.52	330	426552	191.87	ng	0.00
45) 2-Fluorobiphenyl	12.62	172	1537189	127.14	ng	0.00
79) Terphenyl-d14	19.43	244	2660578	128.08	ng	0.00

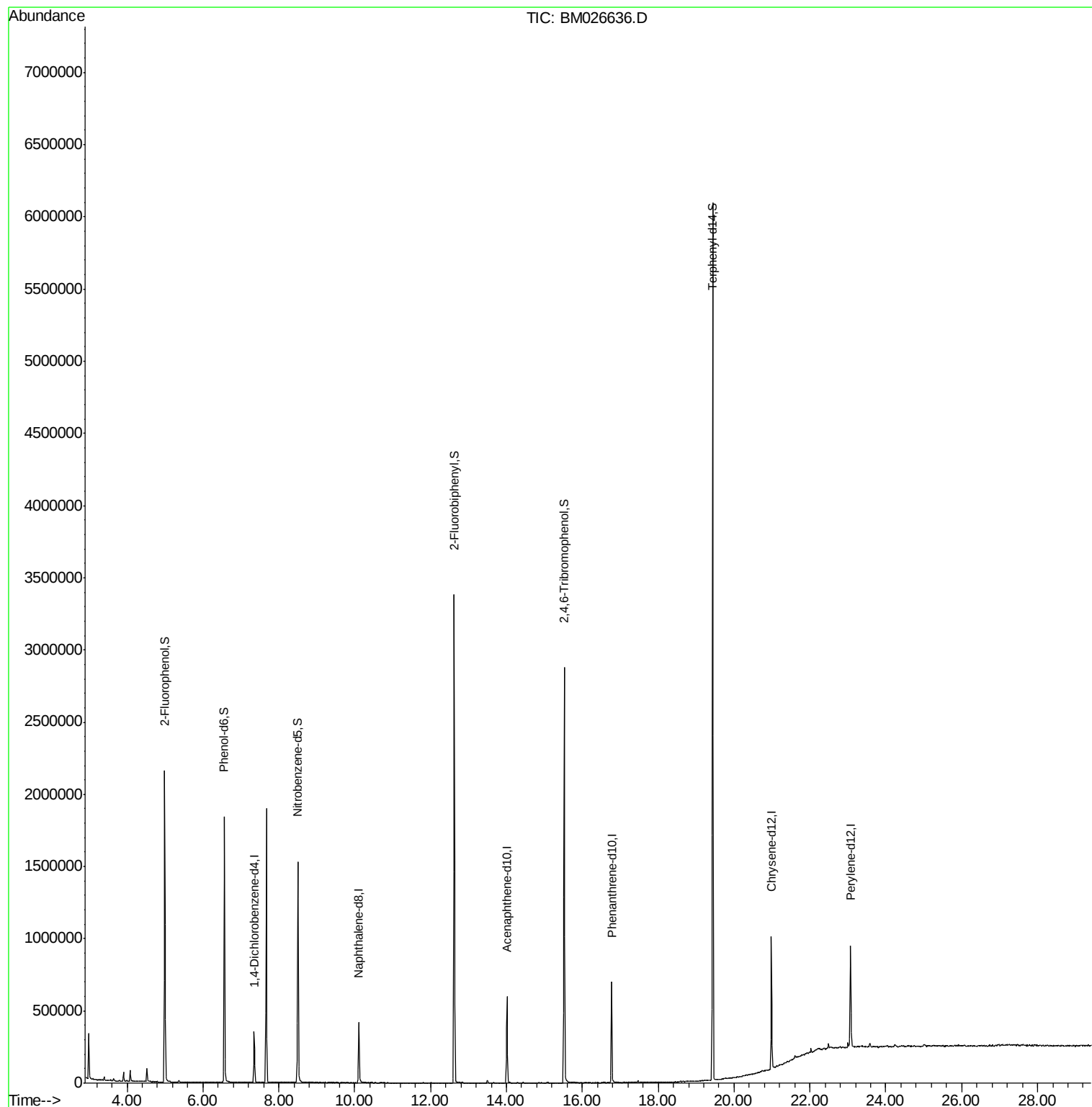
Target Compounds Qvalue

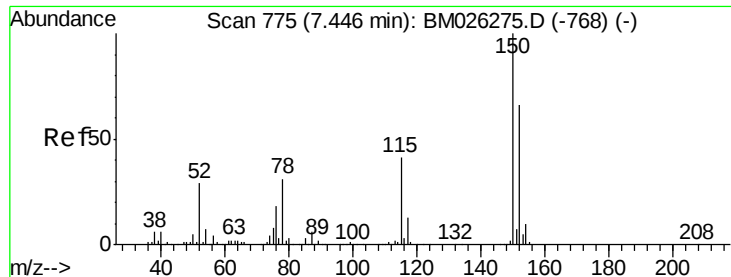
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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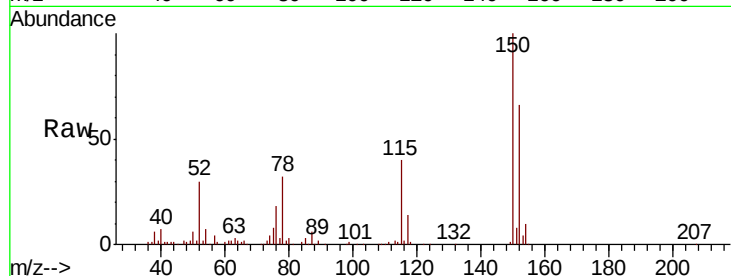


#1

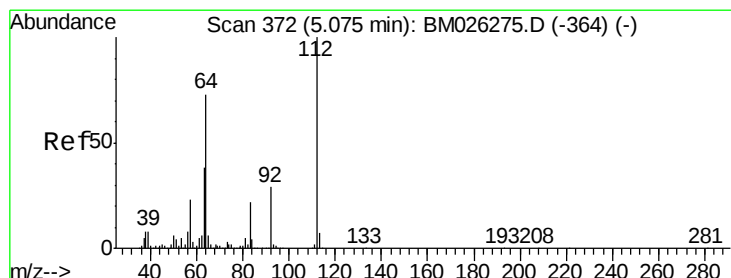
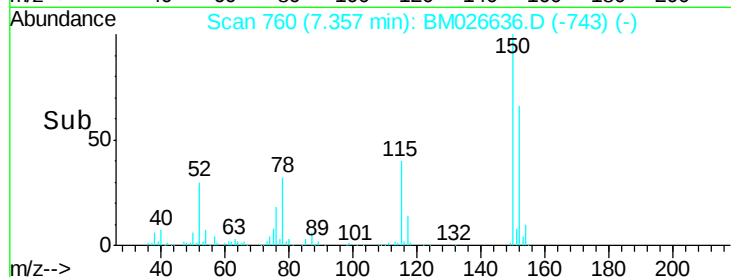
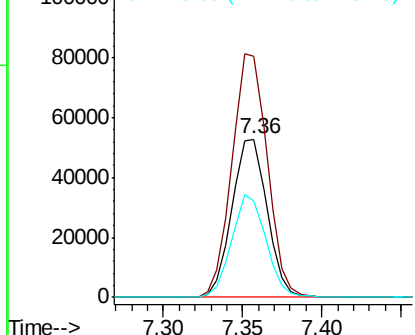
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.36 min Scan# 760
Delta R.T. 0.00 min
Lab File: BM026636.D
Acq: 01 Jul 2020 14:19

Instrument :
BNA_M
ClientSampleId :
OR-03-062920

Tot Ion:152 Resp: 81672
Ion Ratio Lower Upper
152 100
150 152.0 127.8 191.6
115 60.8 51.5 77.3



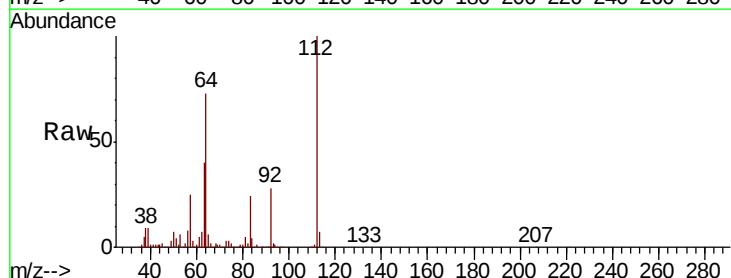
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



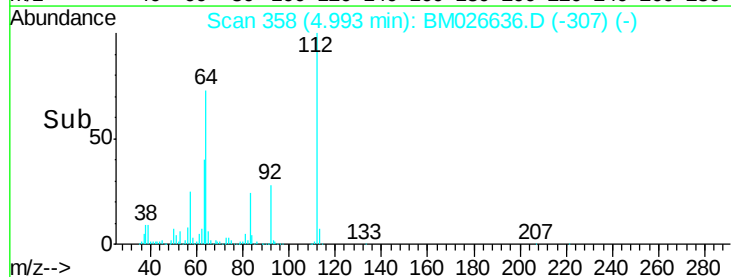
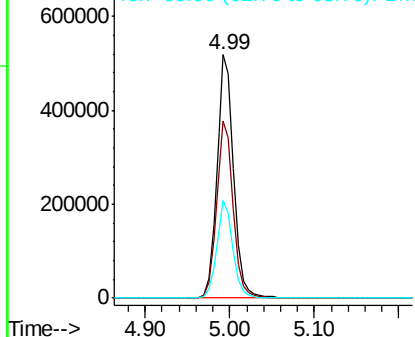
#5

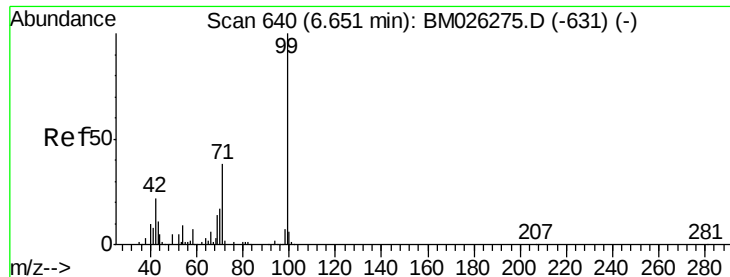
2-Fluorophenol
Concen: 155.832 ng
RT: 4.99 min Scan# 358
Delta R.T. 0.00 min
Lab File: BM026636.D
Acq: 01 Jul 2020 14:19

Tgt Ion:112 Resp: 719844
Ion Ratio Lower Upper
112 100
64 72.6 56.0 84.0
63 39.9 29.0 43.6



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: 127.591 ng

RT: 6.56 min Scan# 625

Delta R.T. 0.00 min

Lab File: BM026636.D

Acq: 01 Jul 2020 14:19

Instrument :

BNA_M

ClientSampleId :

OR-03-062920

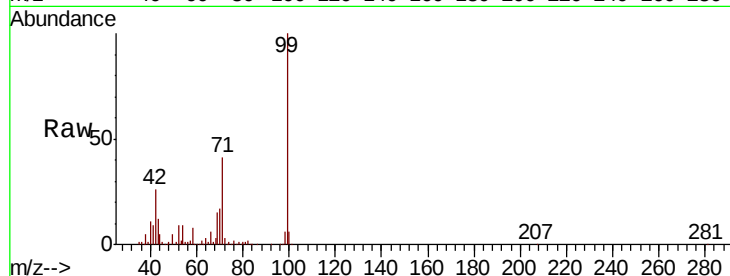
Tot Ion: 99 Resp: 853469

Ion Ratio Lower Upper

99 100

42 25.8 17.8 26.6

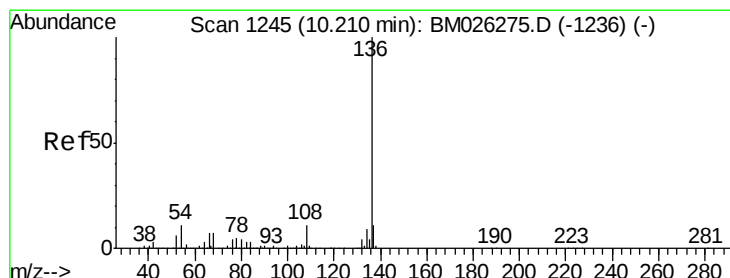
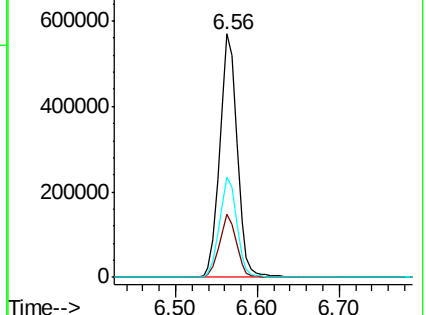
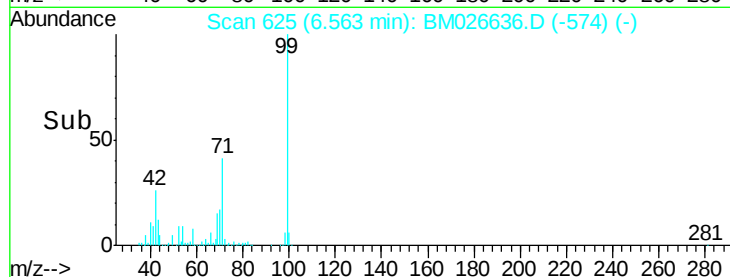
71 41.0 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BM026636.D (-574) (-)

Ion 42.00 (41.70 to 42.70): BM026636.D (-574) (-)

Ion 71.00 (70.70 to 71.70): BM026636.D (-574) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.11 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BM026636.D

Acq: 01 Jul 2020 14:19

Tgt Ion: 136 Resp: 306755

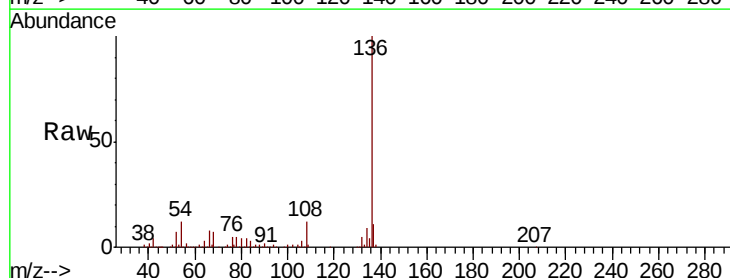
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 12.5 9.0 13.6

68 6.9 5.6 8.4

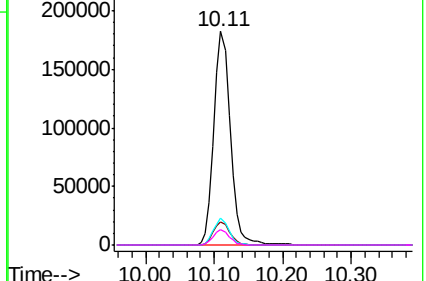
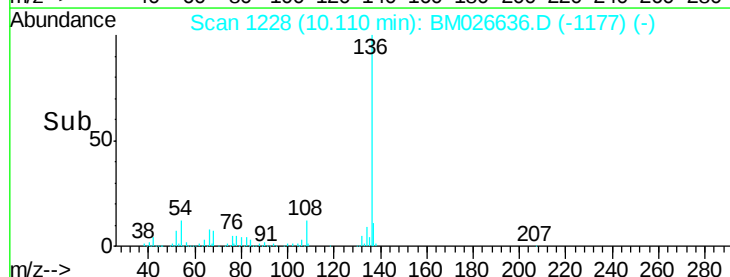


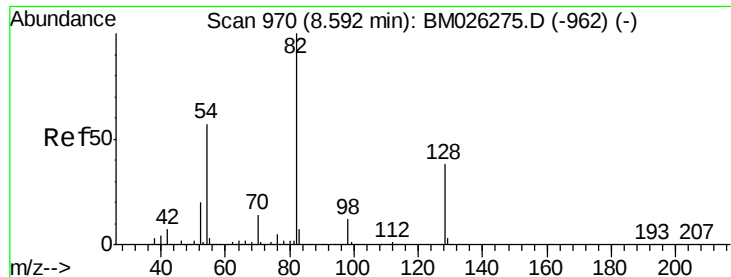
Abundance Ion 136.00 (135.70 to 136.70): BM026636.D (-1177) (-)

Ion 137.00 (136.70 to 137.70): BM026636.D (-1177) (-)

Ion 54.00 (53.70 to 54.70): BM026636.D (-1177) (-)

Ion 68.00 (67.70 to 68.70): BM026636.D (-1177) (-)

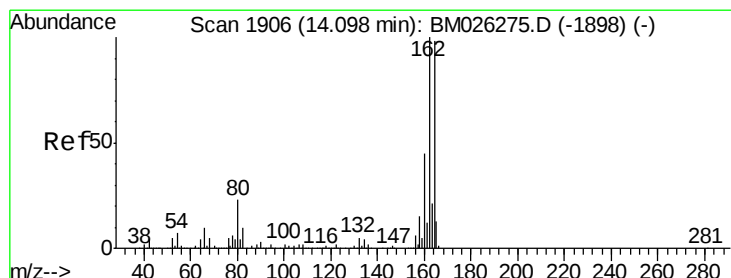
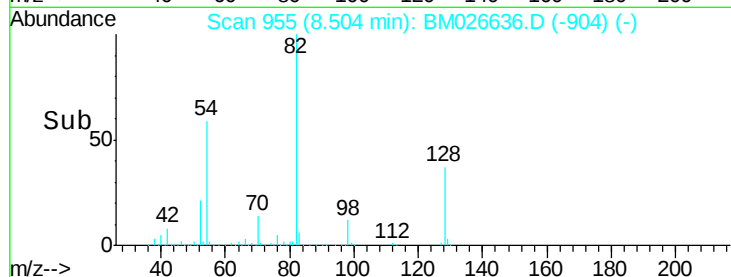
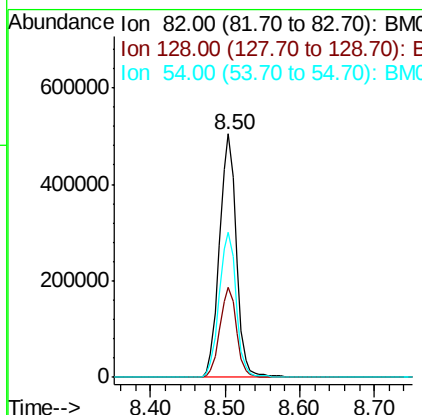
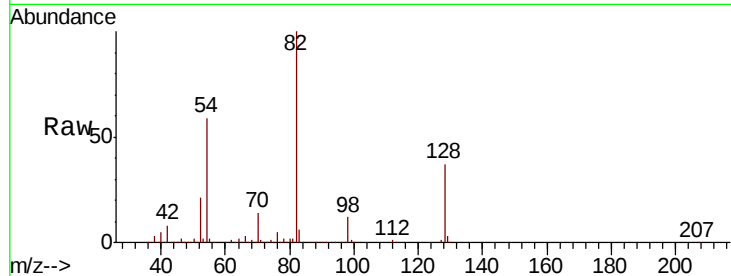




#23
 Nitrobenzene-d5
 Concen: 127.319 ng
 RT: 8.50 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BM026636.D
 Acq: 01 Jul 2020 14:19

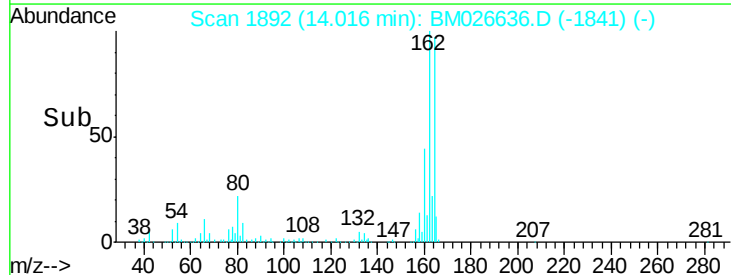
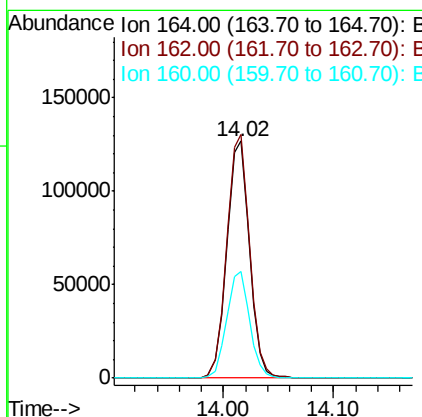
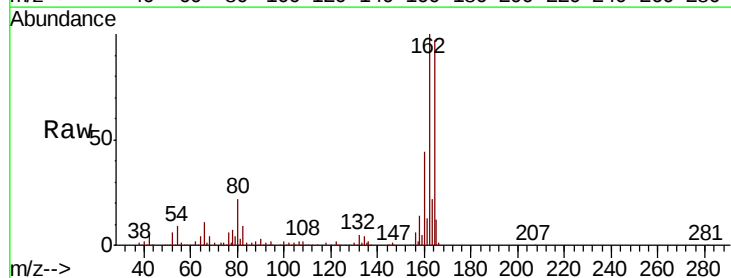
Instrument :
 BNA_M
 ClientSampleId :
 OR-03-062920

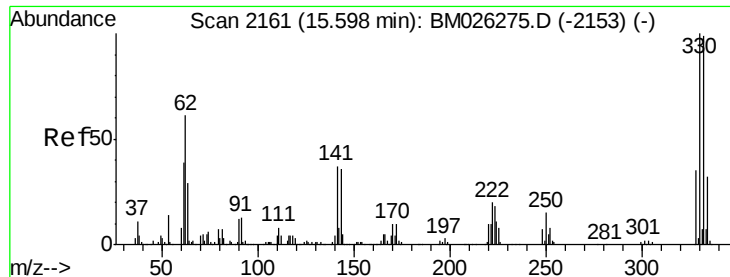
Tot Ion	82	Resp	795436
Ion Ratio	Lower	Upper	
82	100		
128	37.1	31.0	46.6
54	59.4	45.4	68.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.02 min Scan# 1892
 Delta R.T. 0.00 min
 Lab File: BM026636.D
 Acq: 01 Jul 2020 14:19

Tgt Ion	164	Resp	183524
Ion Ratio	Lower	Upper	
164	100		
162	102.7	77.7	116.5
160	45.0	34.2	51.2

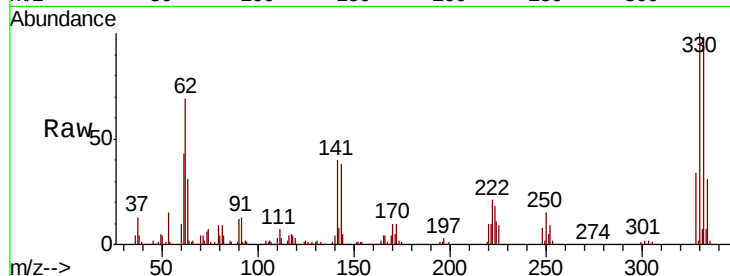




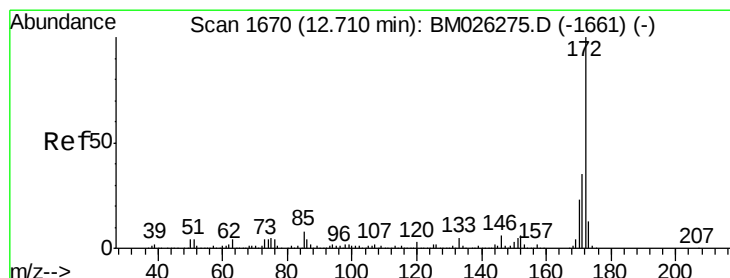
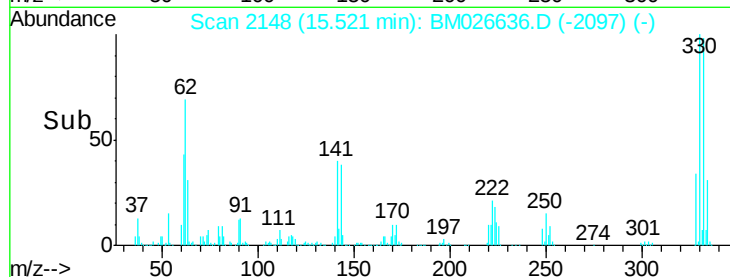
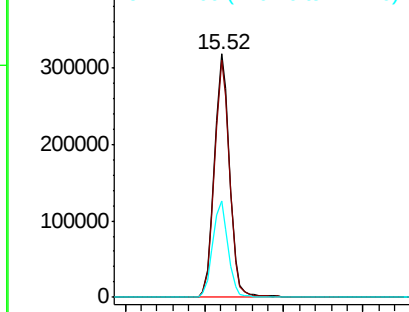
#42
 2,4,6-Tribromophenol
 Concen: 191.871 ng
 RT: 15.52 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: BM026636.D
 Acq: 01 Jul 2020 14:19

Instrument :
 BNA_M
 ClientSampleId :
 OR-03-062920

Tot Ion:330 Resp: 426552
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.7 116.5
 141 39.9 29.7 44.5

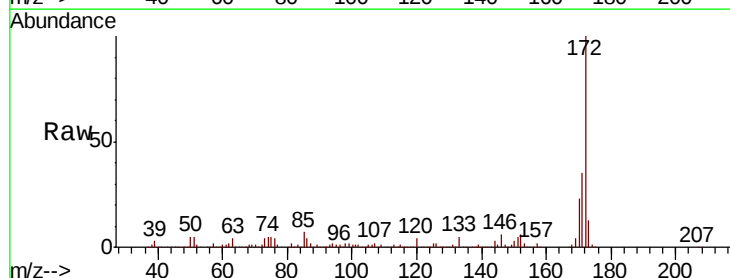


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

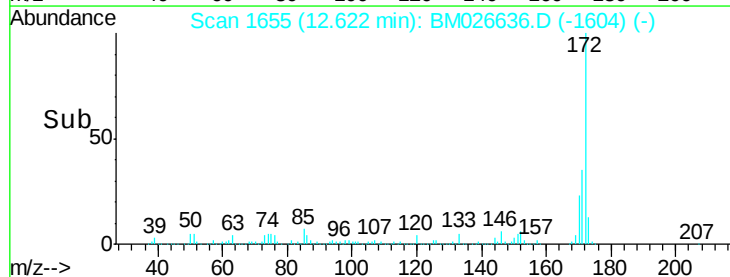
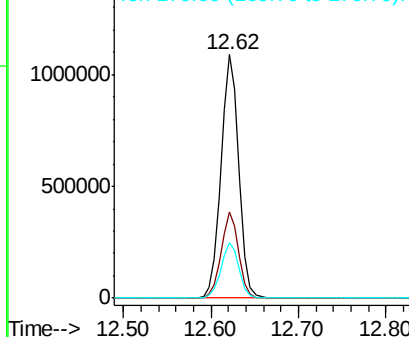


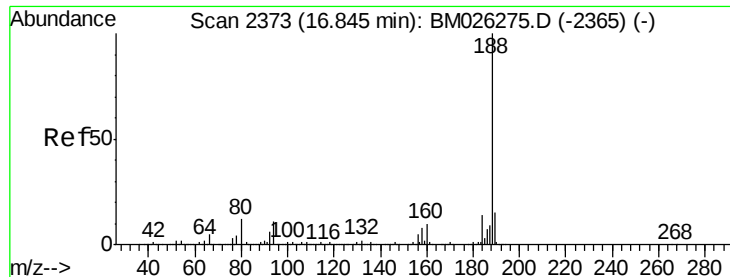
#45
 2-Fluorobiphenyl
 Concen: 127.144 ng
 RT: 12.62 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: BM026636.D
 Acq: 01 Jul 2020 14:19

Tgt Ion:172 Resp: 1537189
 Ion Ratio Lower Upper
 172 100
 171 35.2 27.8 41.8
 170 22.7 18.2 27.4



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: 16.77 min Scan# 2361

Delta R.T. 0.00 min

Lab File: BM026636.D

Acq: 01 Jul 2020 14:19

Instrument :

BNA_M

ClientSampleId :

OR-03-062920

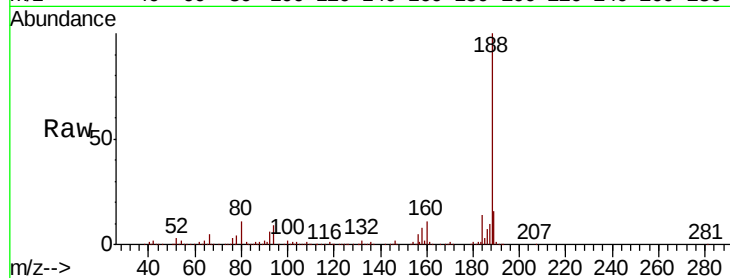
Tot Ion:188 Resp: 385857

Ion Ratio Lower Upper

188 100

94 9.5 7.8 11.6

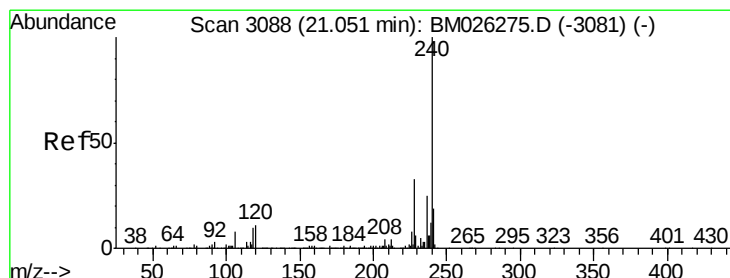
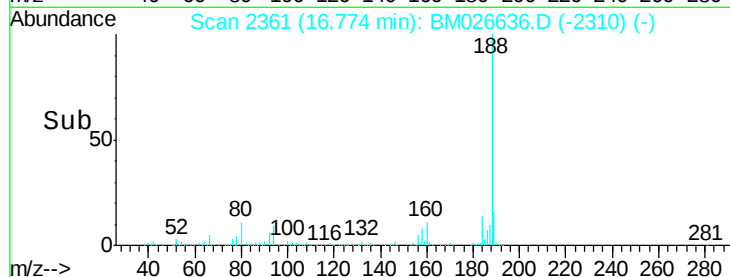
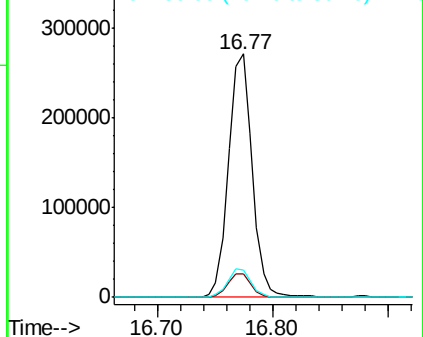
80 11.1 9.5 14.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 20.99 min Scan# 3077

Delta R.T. -0.01 min

Lab File: BM026636.D

Acq: 01 Jul 2020 14:19

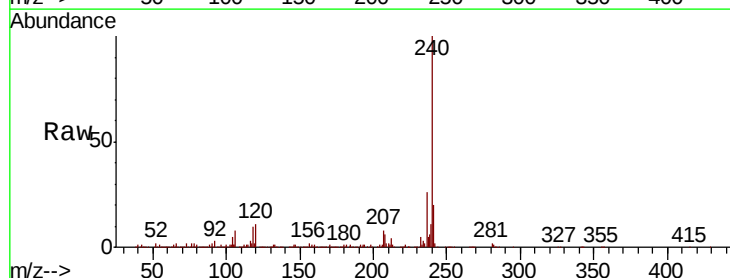
Tgt Ion:240 Resp: 403236

Ion Ratio Lower Upper

240 100

120 10.7 9.3 13.9

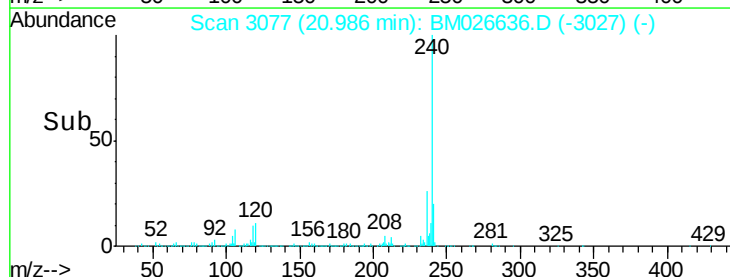
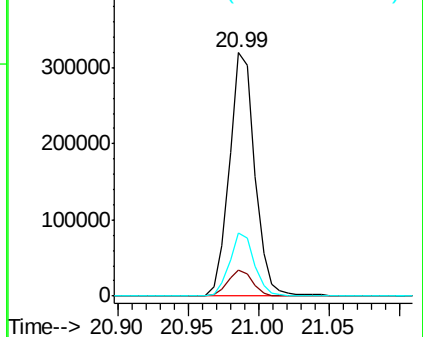
236 25.7 19.4 29.0

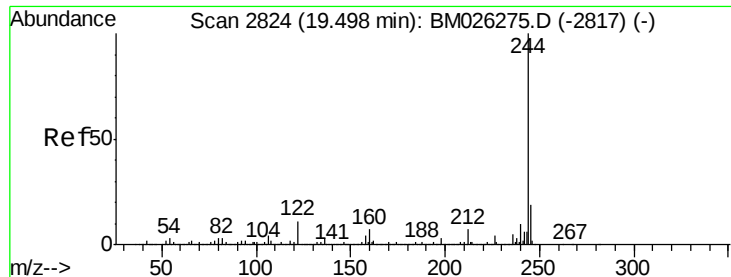


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

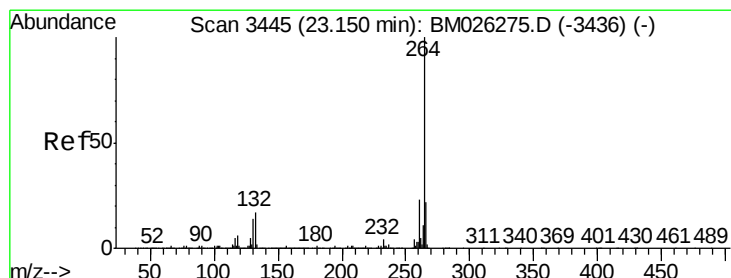
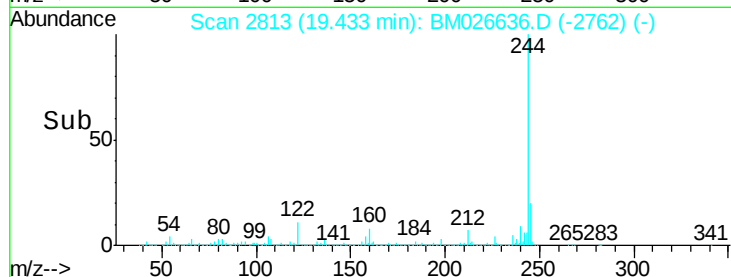
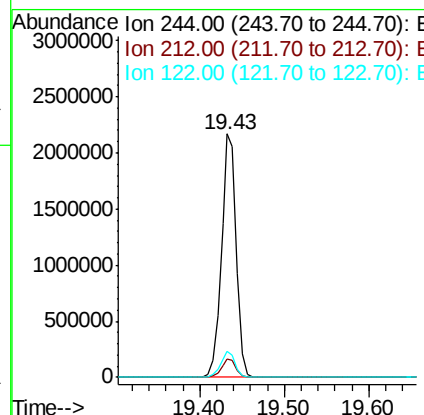
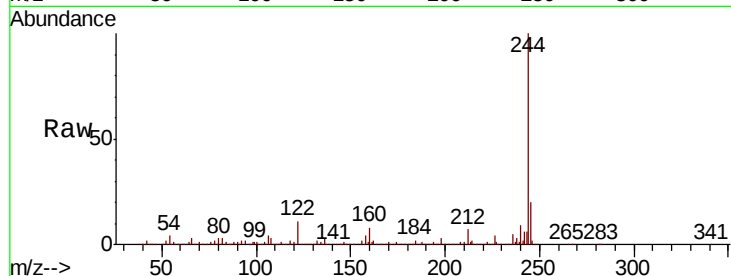




#79
 Terphenyl-d14
 Concen: 128.080 ng
 RT: 19.43 min Scan# 2813
 Delta R.T. 0.00 min
 Lab File: BM026636.D
 Acq: 01 Jul 2020 14:19

Instrument :
 BNA_M
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 OR-03-062920

Tot Ion:244 Resp: 2660578
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 10.8 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.07 min Scan# 3431
 Delta R.T. 0.00 min
 Lab File: BM026636.D
 Acq: 01 Jul 2020 14:19

Tgt Ion:264 Resp: 417586
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.6 28.0
 265 22.2 17.8 26.6

