

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM071020\
 Data File : BM026735.D
 Acq On : 10 Jul 2020 15:48
 Operator : JU/CG
 Sample : L3246-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JA-COMP

Quant Time: Jul 10 16:19:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 10 10:38:33 2020
 Response via : Initial Calibration

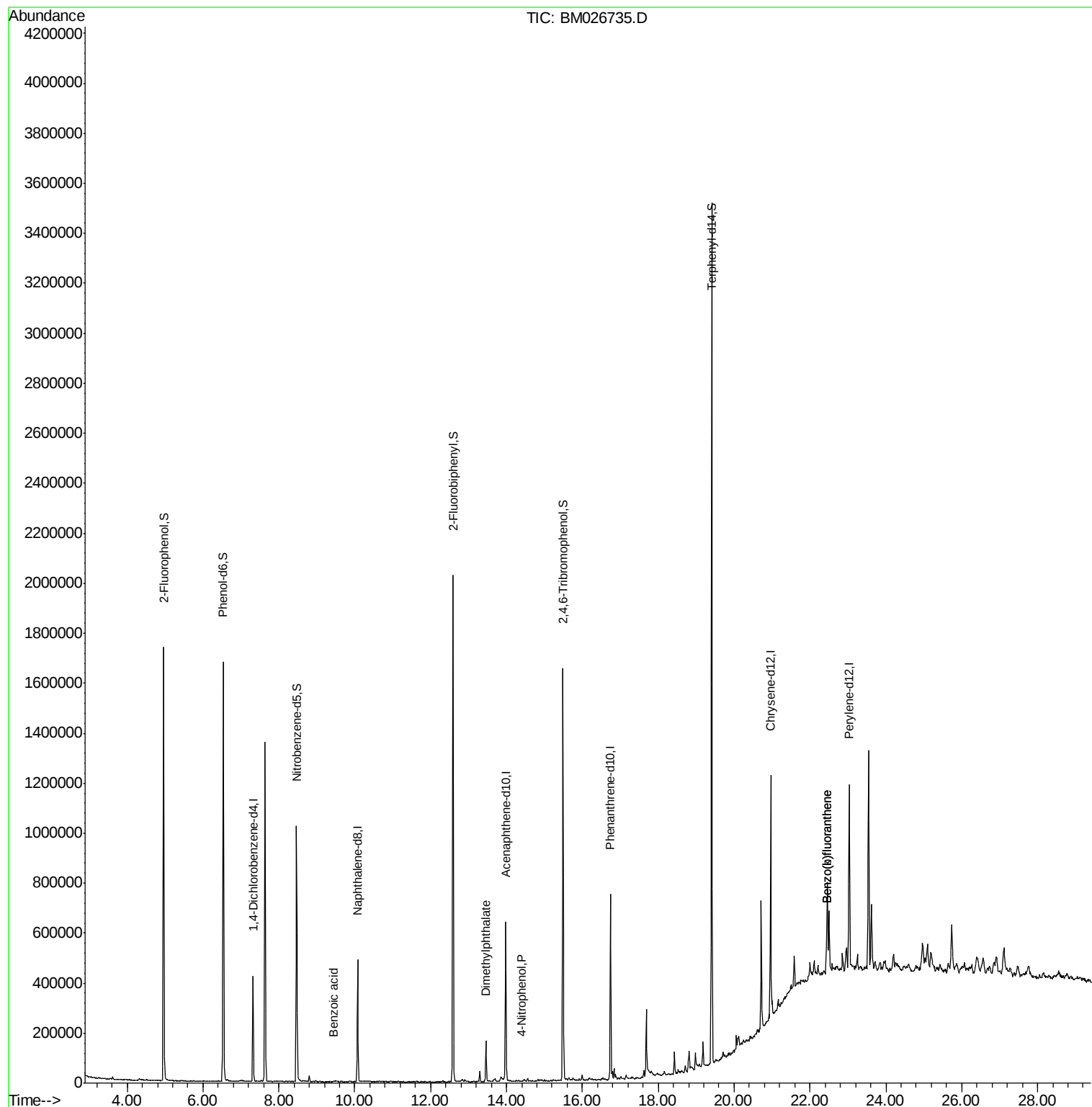
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	95599	20.00	ng	0.00
21) Naphthalene-d8	10.07	136	348677	20.00	ng	0.00
39) Acenaphthene-d10	13.98	164	189618	20.00	ng	0.00
64) Phenanthrene-d10	16.74	188	384493	20.00	ng	0.00
76) Chrysene-d12	20.96	240	412511	20.00	ng	0.00
86) Perylene-d12	23.04	264	443432	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	585027	102.57	ng	0.00
7) Phenol-d6	6.53	99	767963	84.51	ng	0.00
23) Nitrobenzene-d5	8.47	82	533701	65.30	ng	0.00
42) 2,4,6-Tribromophenol	15.49	330	243790	88.26	ng	0.00
45) 2-Fluorobiphenyl	12.59	172	968249	67.90	ng	0.00
79) Terphenyl-d14	19.41	244	1472778	70.26	ng	0.00
Target Compounds						
32) Benzoic acid	9.43	122	114	7.121	ng	# 42
50) Dimethylphthalate	13.46	163	90899	5.605	ng	# 97
56) 4-Nitrophenol	14.40	139	210	3.976	ng	# 1
88) Benzo(b)fluoranthene	22.43	252	87693	3.001	ng	# 95
89) Benzo(k)fluoranthene	22.43	252	87693	3.060	ng	# 96

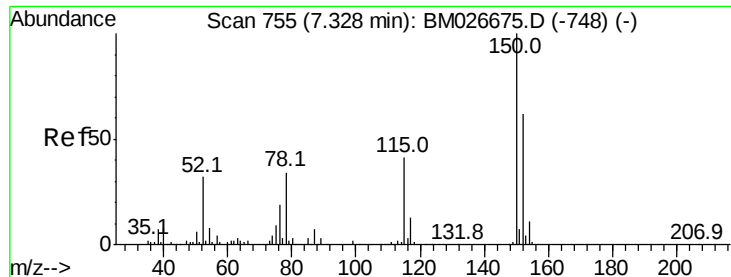
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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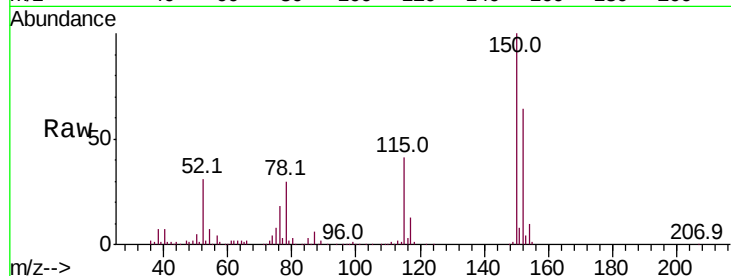


#1

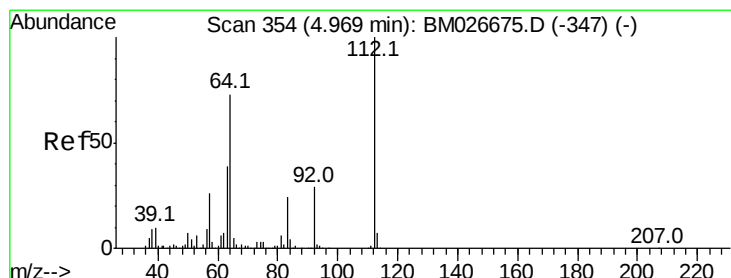
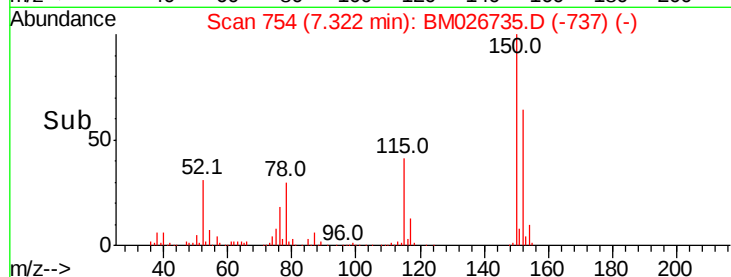
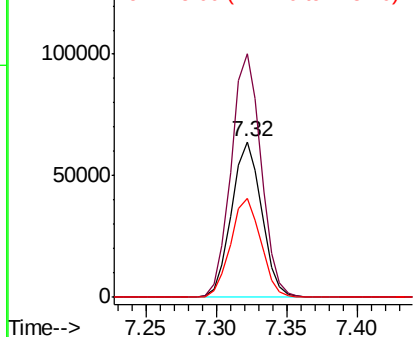
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 754
Delta R.T. -0.00 min
Lab File: BM026735.D
Acq: 10 Jul 2020 15:48

Instrument :
BNA_M
ClientSampleId :
JA-COMP

Tot Ion:152 Resp: 95599
Ion Ratio Lower Upper
152 100
150 156.5 128.1 192.1
115 63.5 52.2 78.4



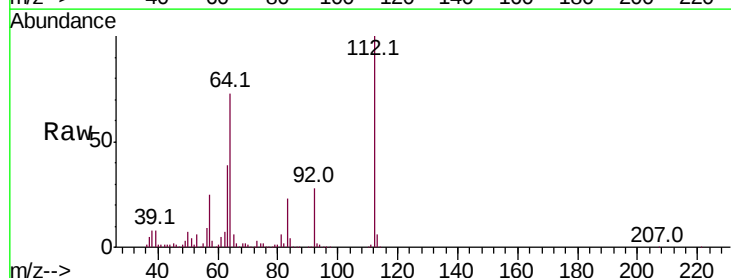
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



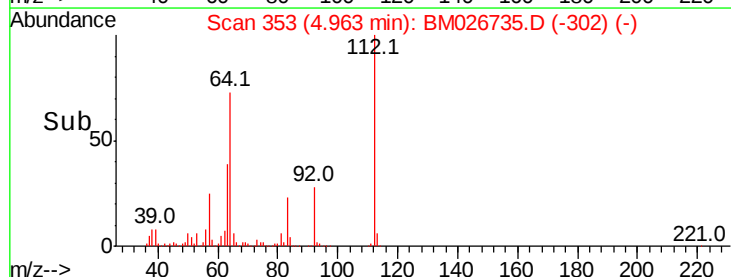
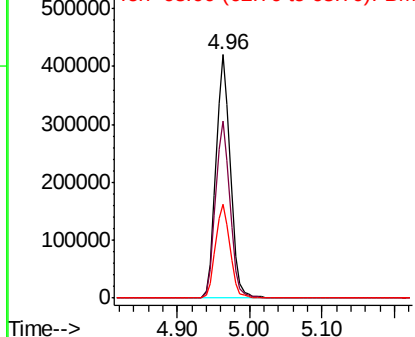
#5

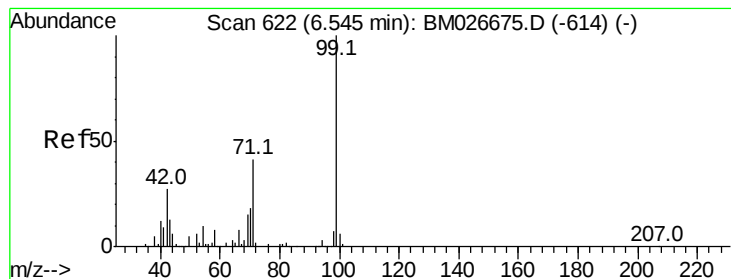
2-Fluorophenol
Concen: 102.570 ng
RT: 4.96 min Scan# 353
Delta R.T. -0.00 min
Lab File: BM026735.D
Acq: 10 Jul 2020 15:48

Tgt Ion:112 Resp: 585027
Ion Ratio Lower Upper
112 100
64 72.8 58.4 87.6
63 38.7 31.5 47.3



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: 84.508 ng

RT: 6.53 min Scan# 620

Delta R.T. -0.00 min

Lab File: BM026735.D

Acq: 10 Jul 2020 15:48

Instrument :

BNA_M

ClientSampleId :

JA-COMP

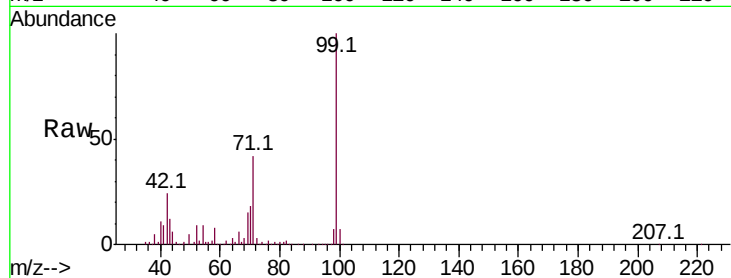
Tot Ion: 99 Resp: 767963

Ion Ratio Lower Upper

99 100

42 24.4 21.7 32.5

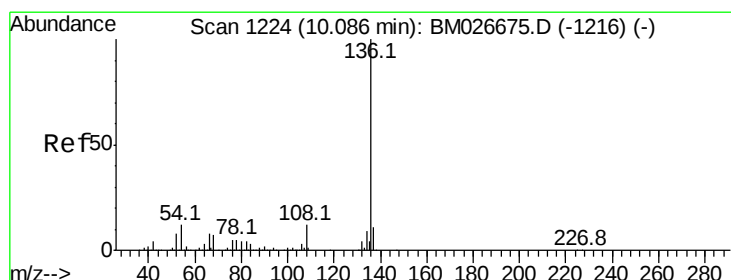
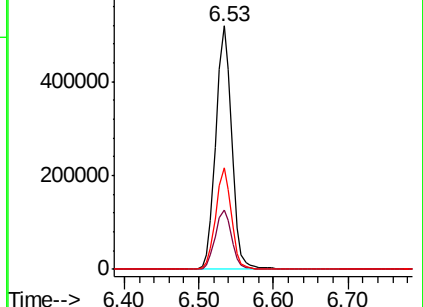
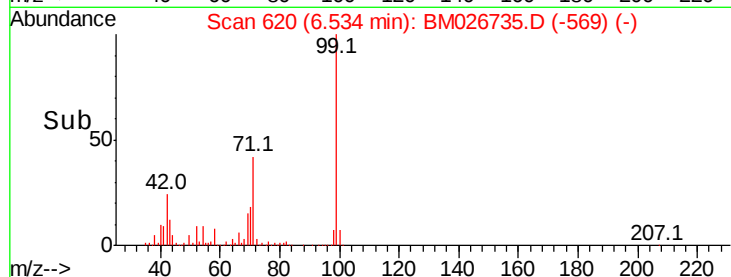
71 41.6 33.2 49.8



Abundance Ion 99.00 (98.70 to 99.70): BM026675.D (-614) (-)

Ion 42.00 (41.70 to 42.70): BM026675.D (-614) (-)

Ion 71.00 (70.70 to 71.70): BM026675.D (-614) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.07 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BM026735.D

Acq: 10 Jul 2020 15:48

Tgt Ion: 136 Resp: 348677

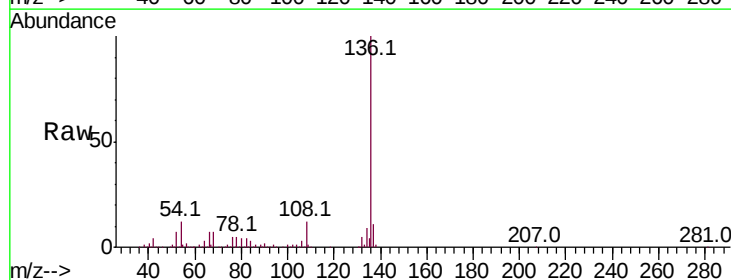
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 12.0 9.8 14.6

68 6.8 5.8 8.6

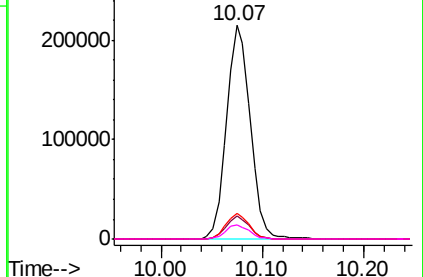
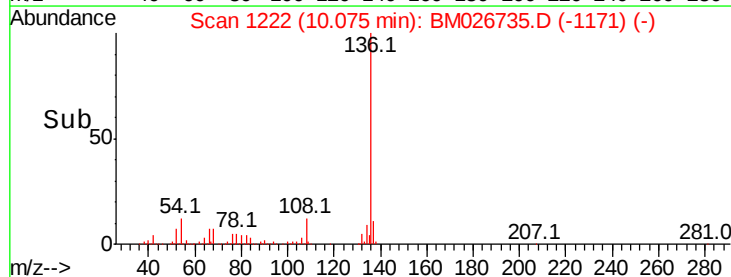


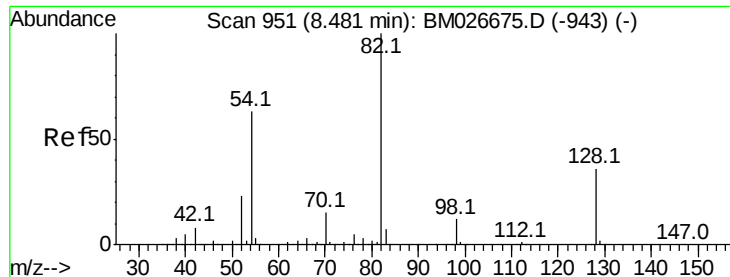
Abundance Ion 136.00 (135.70 to 136.70): BM026675.D (-1216) (-)

Ion 137.00 (136.70 to 137.70): BM026675.D (-1216) (-)

Ion 54.00 (53.70 to 54.70): BM026675.D (-1216) (-)

Ion 68.00 (67.70 to 68.70): BM026675.D (-1216) (-)

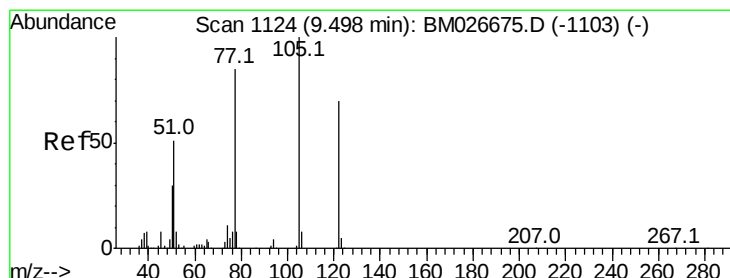
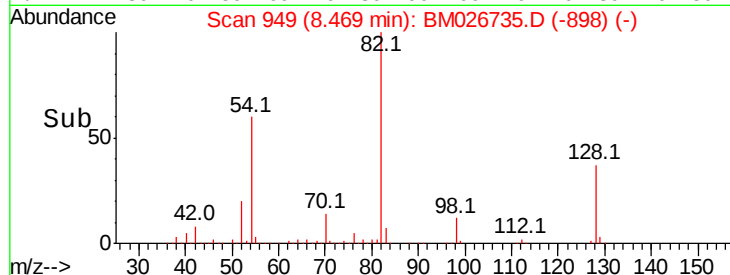
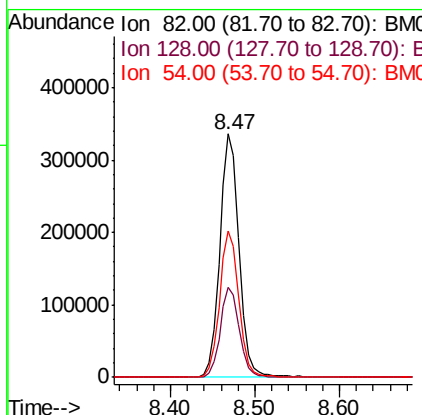
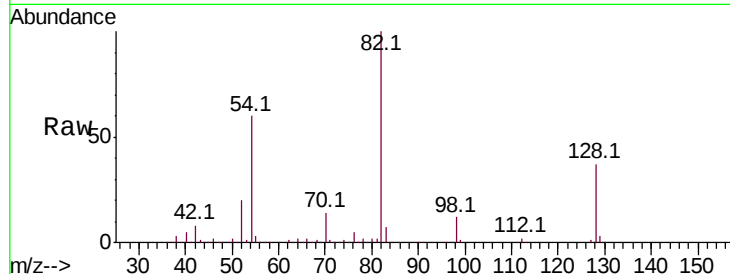




#23
 Nitrobenzene-d5
 Concen: 65.302 ng
 RT: 8.47 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BM026735.D
 Acq: 10 Jul 2020 15:48

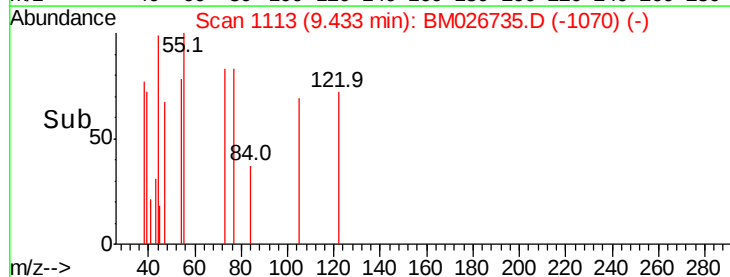
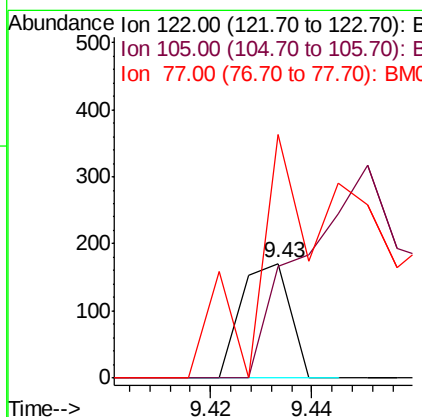
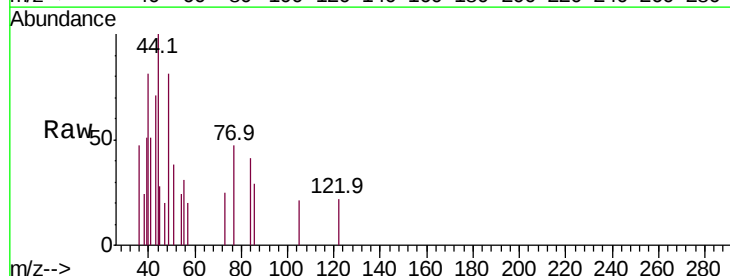
Instrument :
 BNA_M
 ClientSampleId :
 JA-COMP

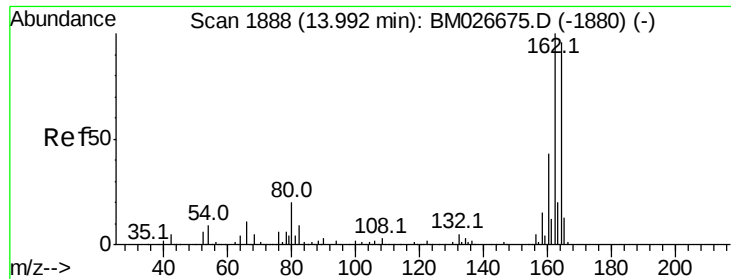
Tot Ion:	82	Resp:	533701
Ion	Ratio	Lower	Upper
82	100		
128	36.8	29.1	43.7
54	60.3	50.2	75.4



#32
 Benzoic acid
 Concen: 7.121 ng
 RT: 9.43 min Scan# 1113
 Delta R.T. -0.05 min
 Lab File: BM026735.D
 Acq: 10 Jul 2020 15:48

Tgt Ion:	122	Resp:	114
Ion	Ratio	Lower	Upper
122	100		
105	97.1	120.9	160.9#
77	212.3	100.0	140.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.98 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BM026735.D

Acq: 10 Jul 2020 15:48

Instrument :

BNA_M

ClientSampleId :

JA-COMP

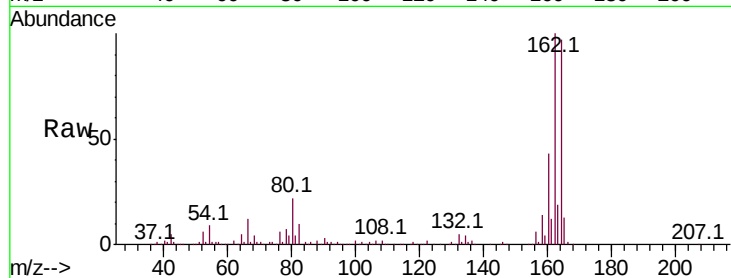
Tot Ion:164 Resp: 189618

Ion Ratio Lower Upper

164 100

162 103.4 83.7 125.5

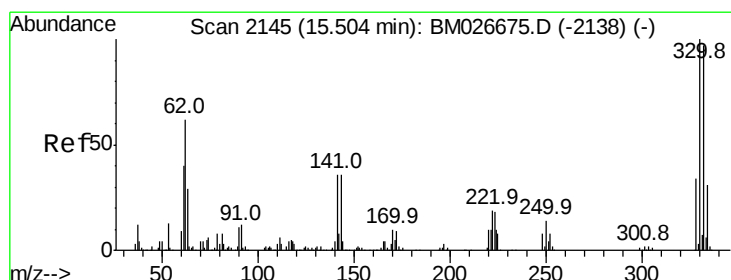
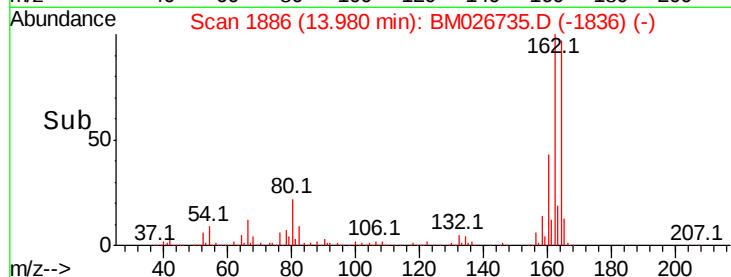
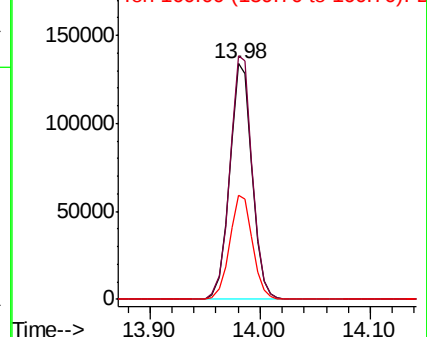
160 44.2 36.2 54.2



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: 88.261 ng

RT: 15.49 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BM026735.D

Acq: 10 Jul 2020 15:48

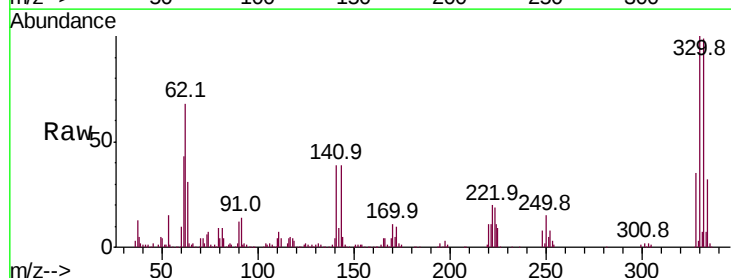
Tgt Ion:330 Resp: 243790

Ion Ratio Lower Upper

330 100

332 97.6 77.5 116.3

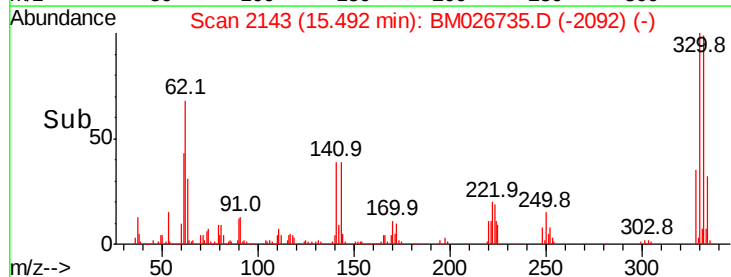
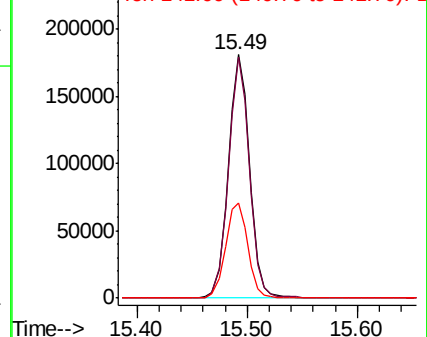
141 40.7 32.4 48.6

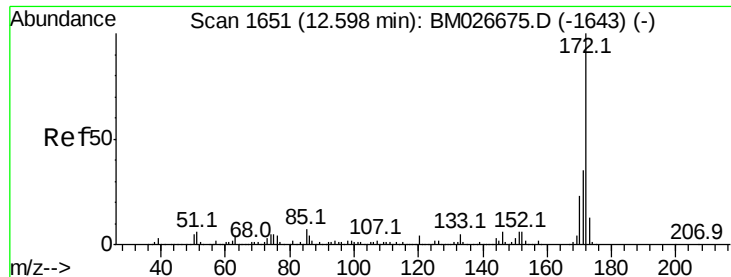


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

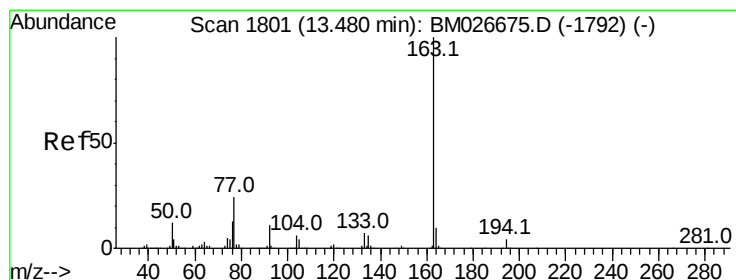
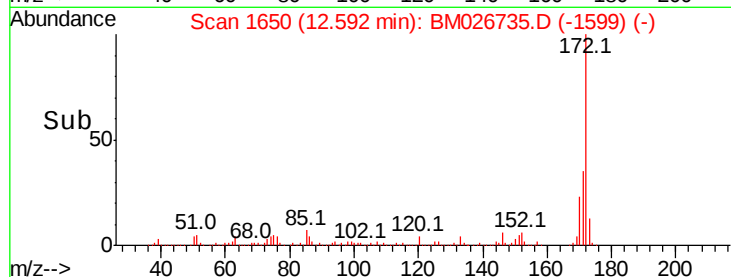
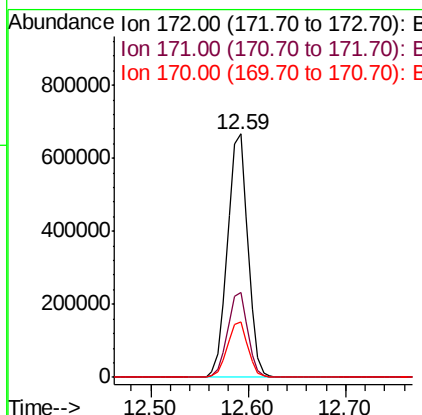
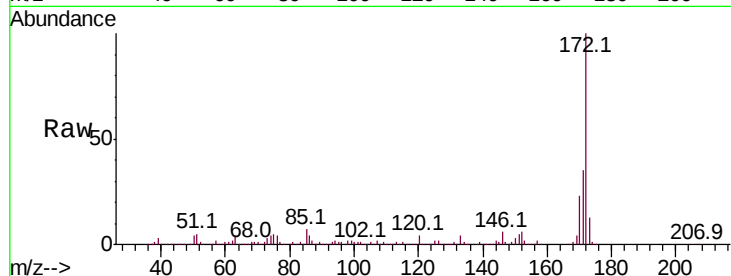




#45
2-Fluorobiphenyl
Concen: 67.895 ng
RT: 12.59 min Scan# 1650
Delta R.T. -0.00 min
Lab File: BM026735.D
Acq: 10 Jul 2020 15:48

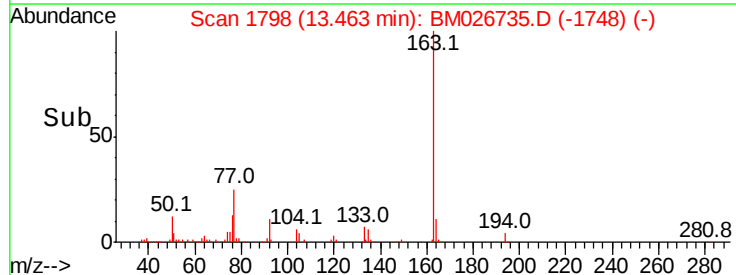
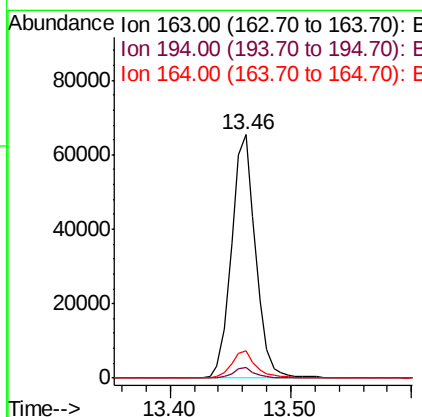
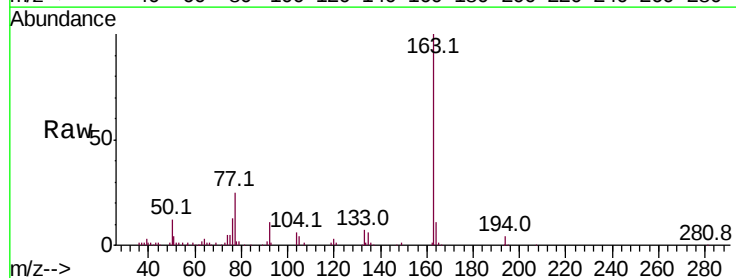
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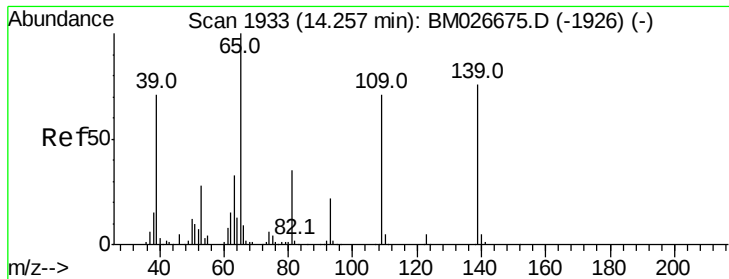
Tot Ion:172 Resp: 968249
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.6
170 23.0 18.5 27.7



#50
Dimethylphthalate
Concen: 5.605 ng
RT: 13.46 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BM026735.D
Acq: 10 Jul 2020 15:48

Tgt Ion:163 Resp: 90899
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 11.2 7.8 11.6





#56

4-Nitrophenol

Concen: 3.976 ng

RT: 14.40 min Scan# 1957

Delta R.T. 0.15 min

Lab File: BM026735.D

Acq: 10 Jul 2020 15:48

Instrument :

BNA_M

ClientSampleId :

JA-COMP

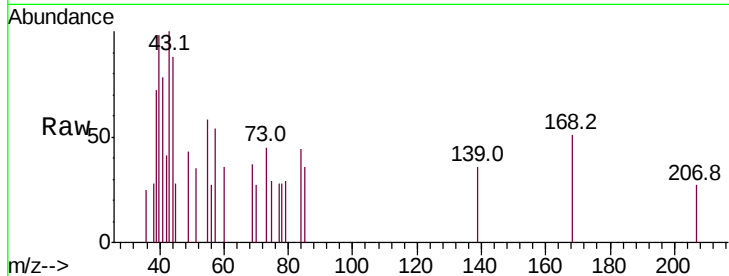
Tot Ion:139 Resp: 210

Ion Ratio Lower Upper

139 100

109 0.0 73.7 113.7#

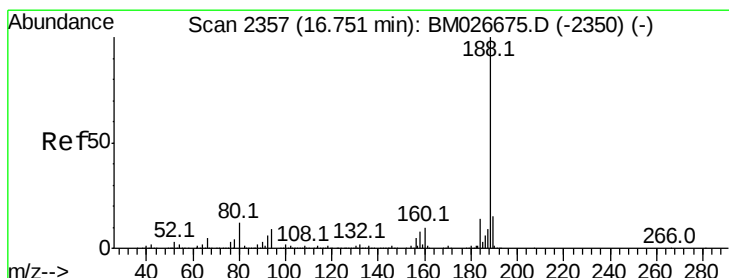
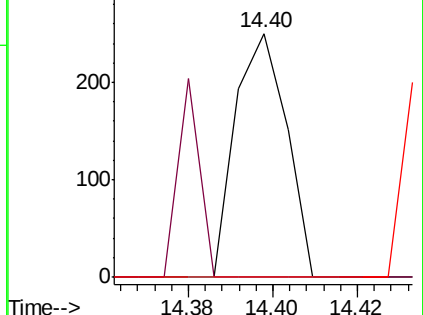
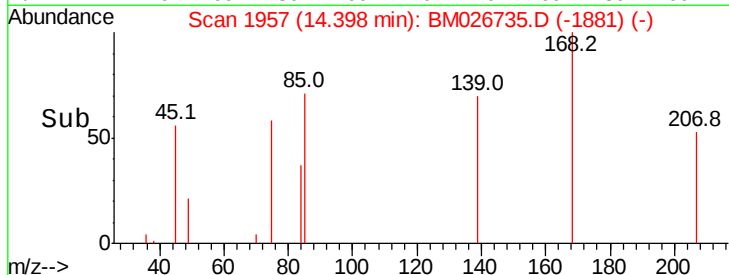
65 0.0 111.5 151.5#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.74 min Scan# 2356

Delta R.T. -0.00 min

Lab File: BM026735.D

Acq: 10 Jul 2020 15:48

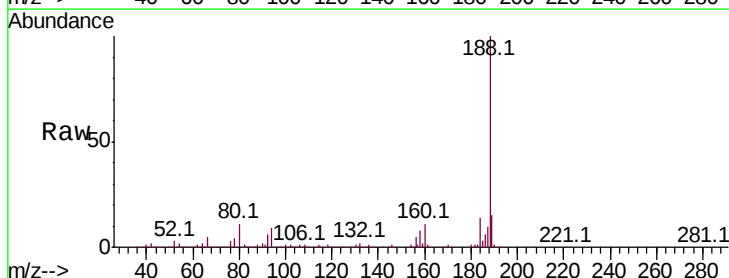
Tgt Ion:188 Resp: 384493

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.0

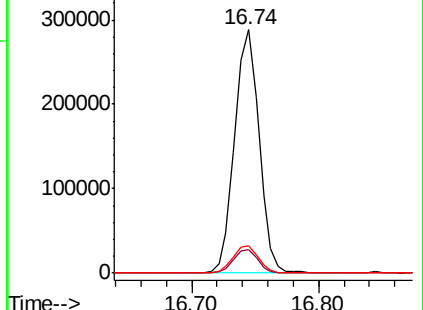
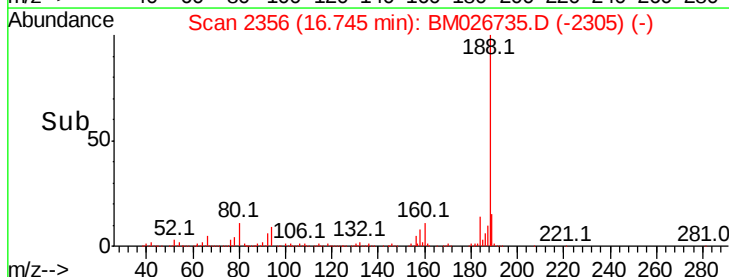
80 11.4 9.3 13.9

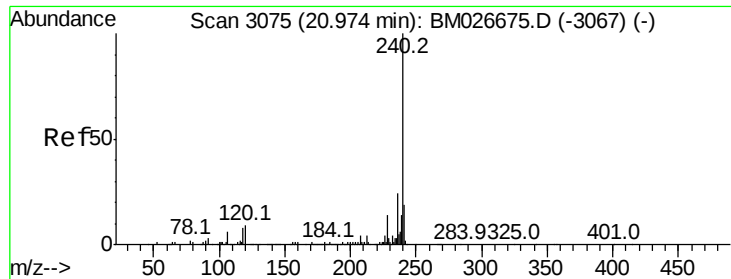


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM

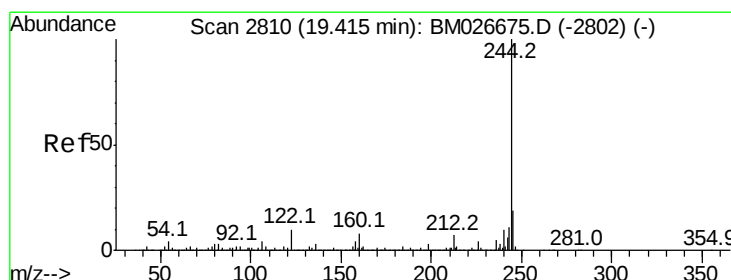
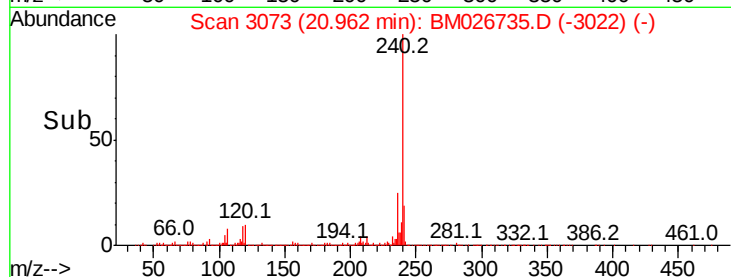
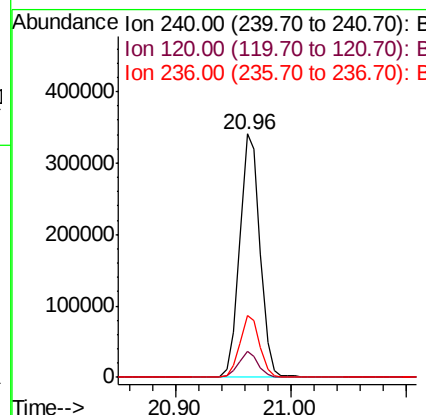
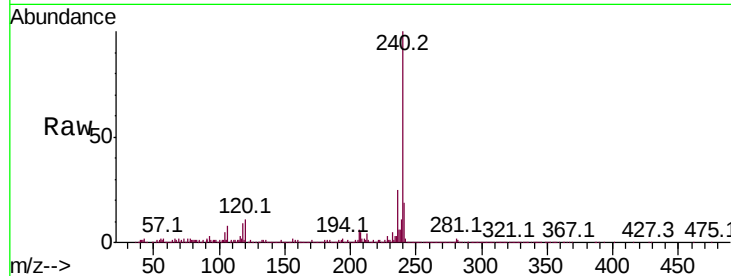




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 20.96 min Scan# 3073
 Delta R.T. -0.00 min
 Lab File: BM026735.D
 Acq: 10 Jul 2020 15:48

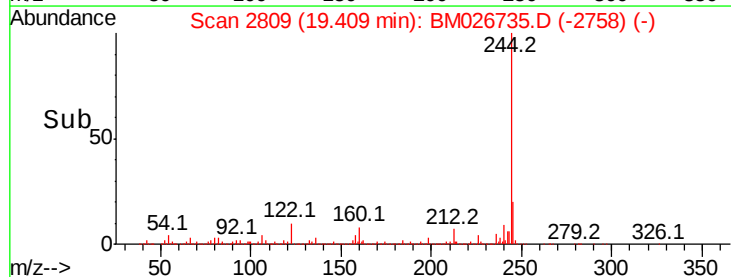
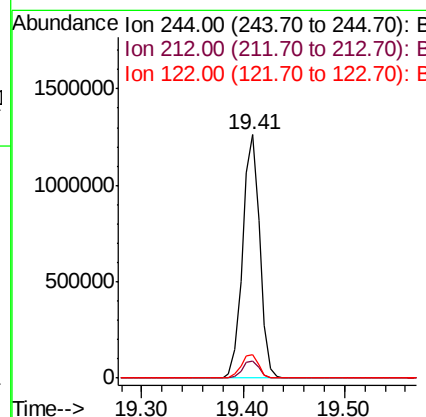
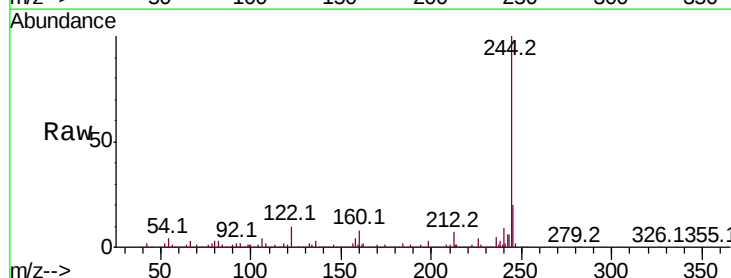
Instrument :
 BNA_M
 ClientSampleId :
 JA-COMP

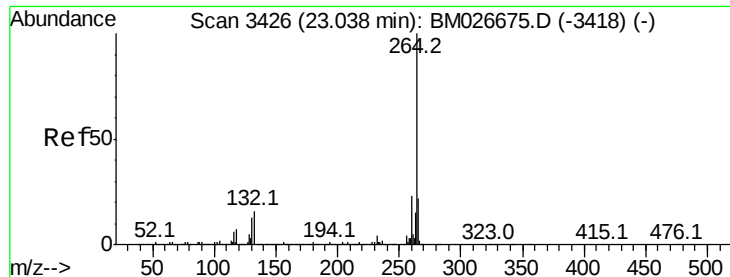
Tot Ion:240 Resp: 412511
 Ion Ratio Lower Upper
 240 100
 120 10.6 7.3 10.9
 236 25.4 19.4 29.2



#79
 Terphenyl-d14
 Concen: 70.264 ng
 RT: 19.41 min Scan# 2809
 Delta R.T. -0.00 min
 Lab File: BM026735.D
 Acq: 10 Jul 2020 15:48

Tgt Ion:244 Resp: 1472778
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 9.8 8.2 12.4



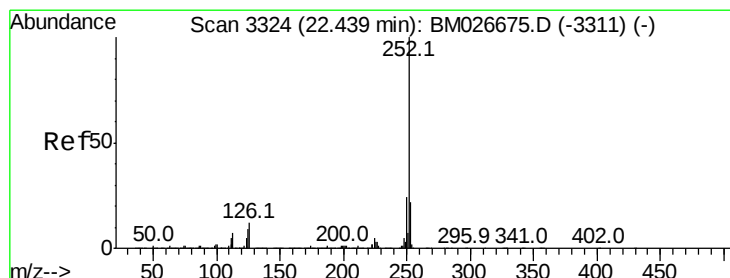
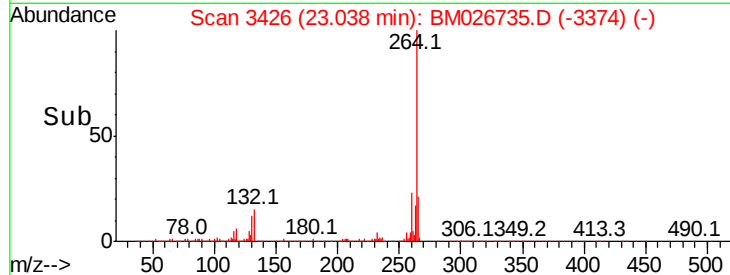
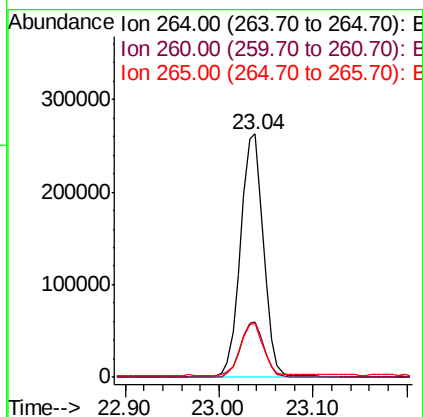
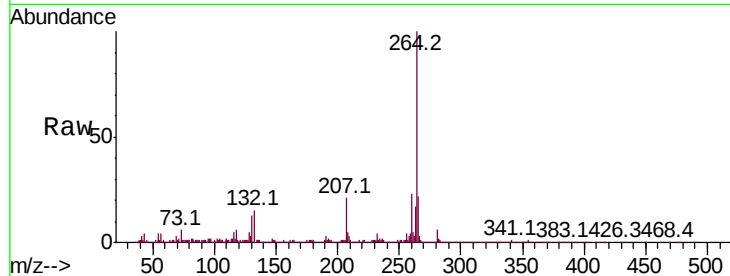


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.04 min Scan# 3426
Delta R.T. 0.01 min
Lab File: BM026735.D
Acq: 10 Jul 2020 15:48

Instrument :
BNA_M
ClientSampleId :
JA-COMP

Tot Ion:264 Resp: 443432

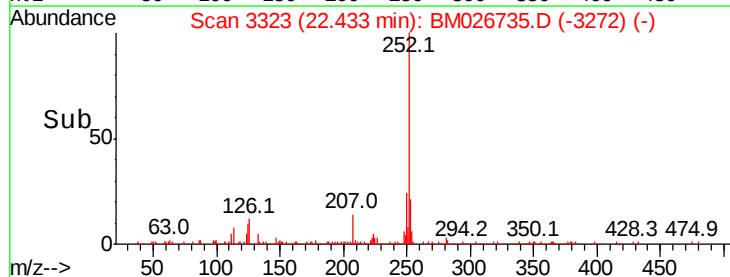
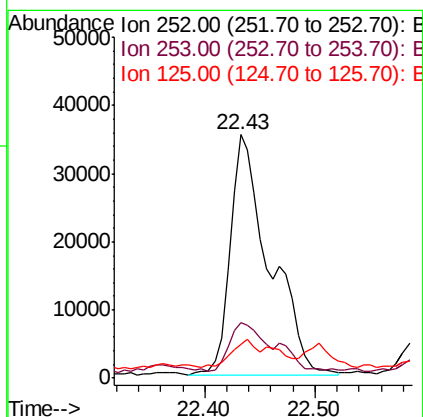
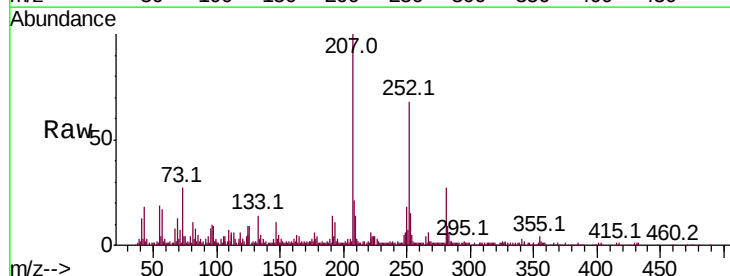
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.2
265	22.0	17.6	26.4

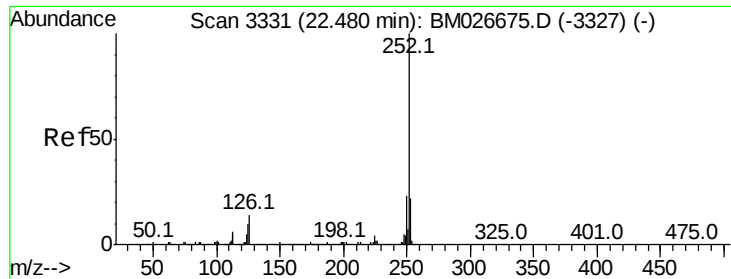


#88
Benzo(b)fluoranthene
Concen: 3.001 ng
RT: 22.43 min Scan# 3323
Delta R.T. -0.00 min
Lab File: BM026735.D
Acq: 10 Jul 2020 15:48

Tgt Ion:252 Resp: 87693

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	13.9	7.5	11.3





#89

Benzo(k)fluoranthene

Concen: 3.060 ng

RT: 22.43 min Scan# 3323

Delta R.T. -0.04 min

Lab File: BM026735.D

Acq: 10 Jul 2020 15:48

Instrument :

BNA_M

ClientSampleId :

JA-COMP

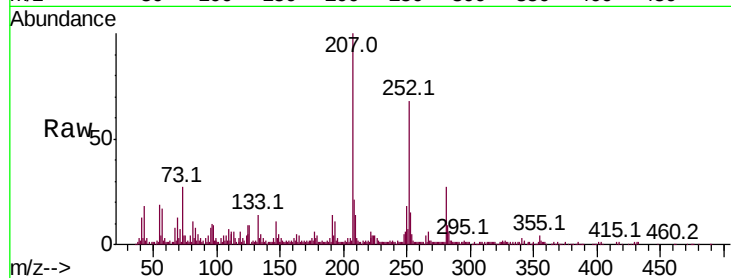
Tot Ion:252 Resp: 87693

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

125 13.9 7.8 11.8#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

