

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082420\
 Data File : BM027202.D
 Acq On : 24 Aug 2020 20:02
 Operator : JU/CG
 Sample : L3734-07RE 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EROC-BF-1FRE

Quant Time: Aug 25 01:33:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 15:18:39 2020
 Response via : Initial Calibration

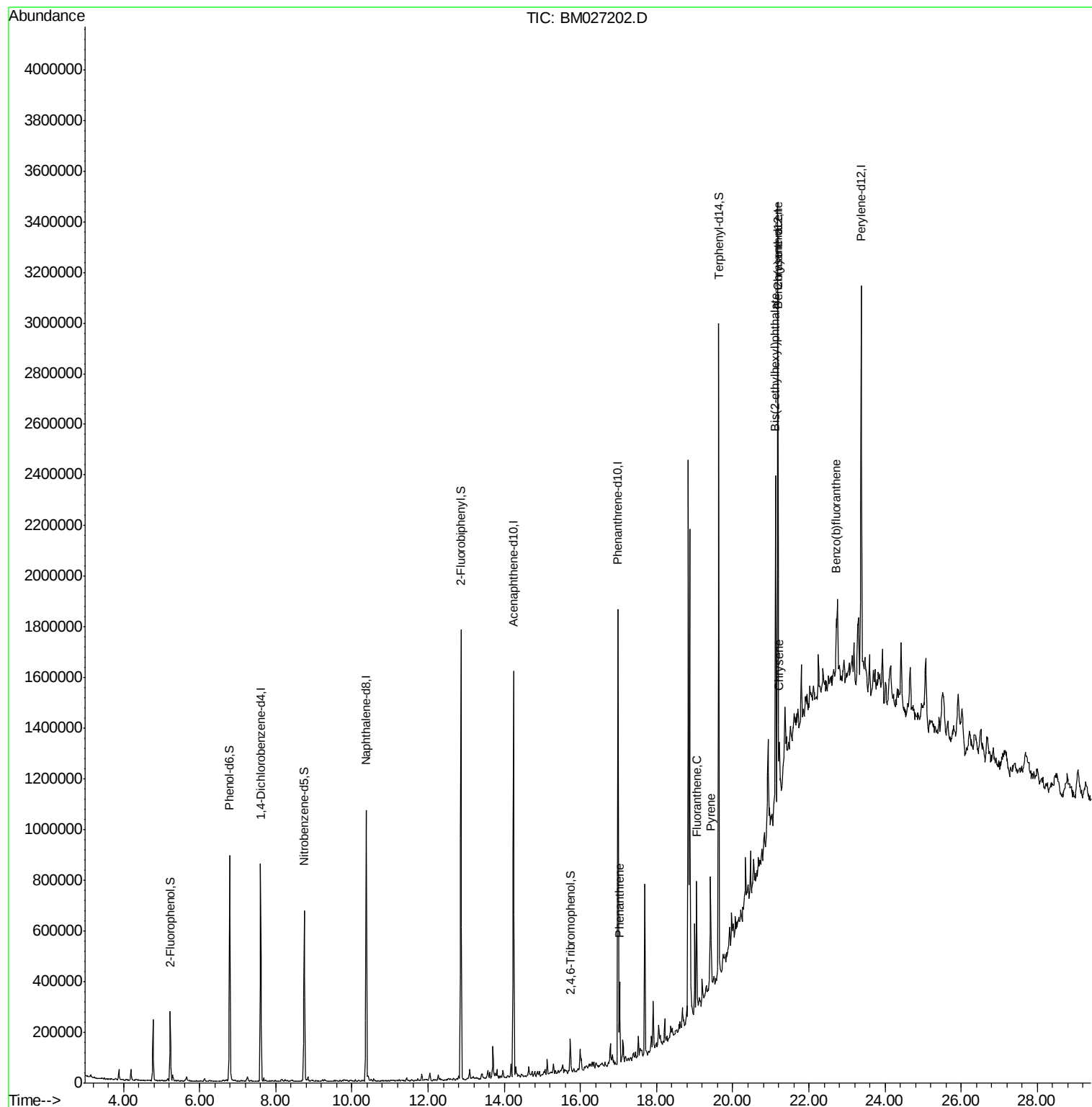
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	216509	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	809337	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	513922	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	1063241	20.00	ng	0.00
76) Chrysene-d12	21.19	240	999216	20.00	ng	0.00
86) Perylene-d12	23.37	264	1104673	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	101238	9.12	ng	0.00
7) Phenol-d6	6.79	99	464429	30.46	ng	0.00
23) Nitrobenzene-d5	8.75	82	411993	21.00	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	21065	2.53	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	842438	21.53	ng	0.00
79) Terphenyl-d14	19.63	244	1055126	19.73	ng	0.00
Target Compounds						
71) Phenanthrene	17.03	178	182929	3.095	ng	99
75) Fluoranthene	19.05	202	279332	3.783	ng	97
78) Pyrene	19.42	202	266232	4.379	ng	99
81) Benzo(a)anthracene	21.17	228	139393	2.153	ng	# 90
83) Chrysene	21.22	228	138892	2.209	ng	# 92
84) Bis(2-ethylhexyl)phthalate	21.13	149	438423	13.861	ng	99
88) Benzo(b)fluoranthene	22.72	252	177325	2.407	ng	# 79

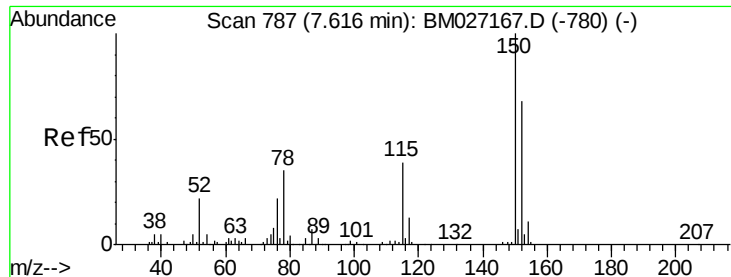
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 24 15:18:39 2020
Response via : Initial Calibration



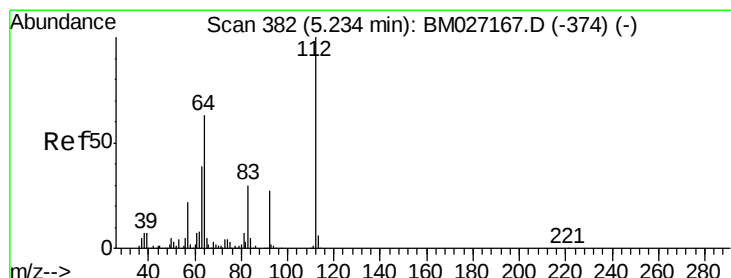
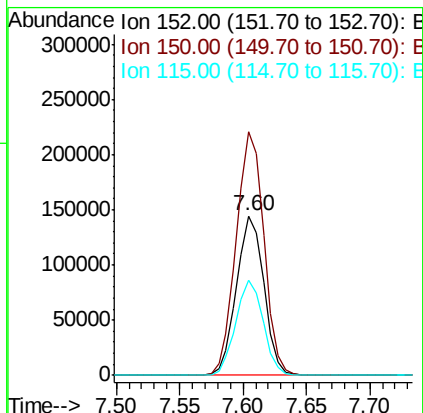
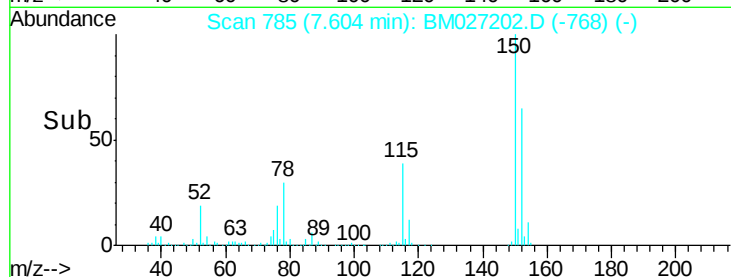
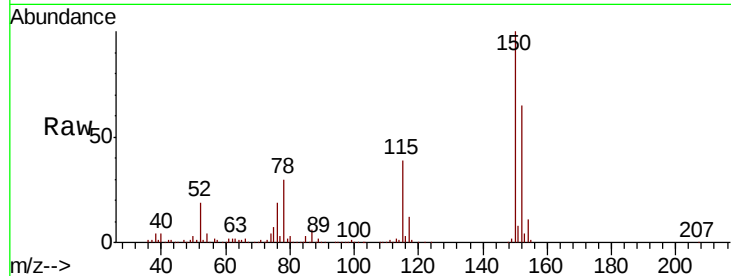


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 785
Delta R.T. 0.00 min
Lab File: BM027202.D
Acq: 24 Aug 2020 20:02

Instrument :
BNA_M
ClientSampleId :
EROC-BF-1FRE

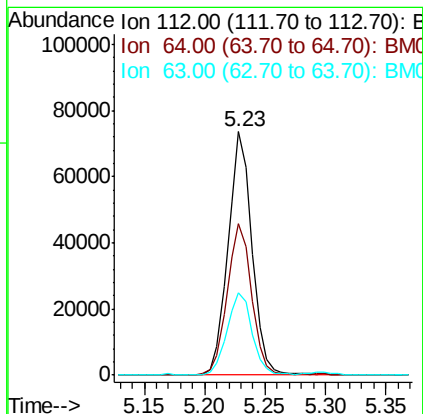
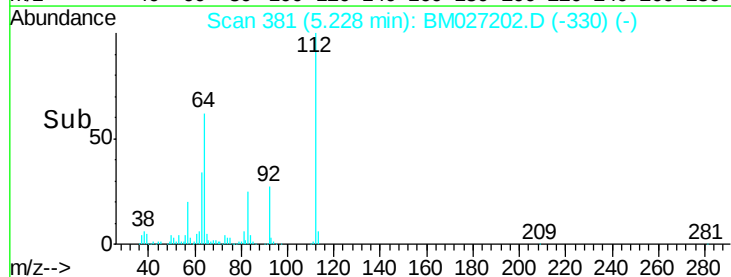
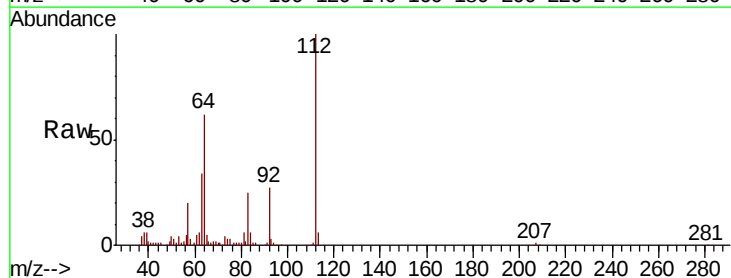
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	118.2	177.4
115	59.7	46.1	69.1

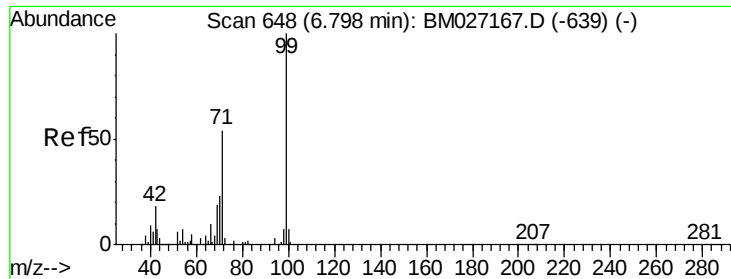


#5

2-Fluorophenol
Concen: 9.115 ng
RT: 5.23 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM027202.D
Acq: 24 Aug 2020 20:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	50.0	75.0
63	33.8	31.6	47.4





#7

Phenol-d6

Concen: 30.457 ng

RT: 6.79 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM027202.D

Acq: 24 Aug 2020 20:02

Instrument :

BNA_M

ClientSampleId :

EROC-BF-1FRE

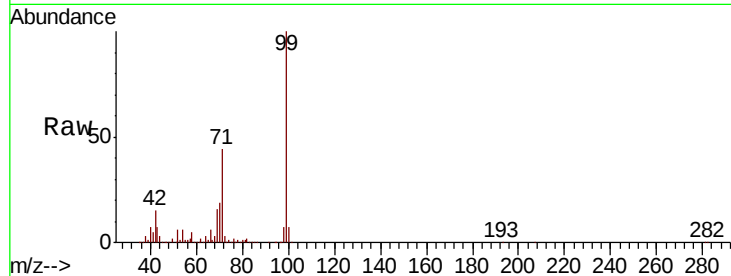
Tot Ion: 99 Resp: 464429

Ion Ratio Lower Upper

99 100

42 14.8 14.5 21.7

71 44.1 43.0 64.4

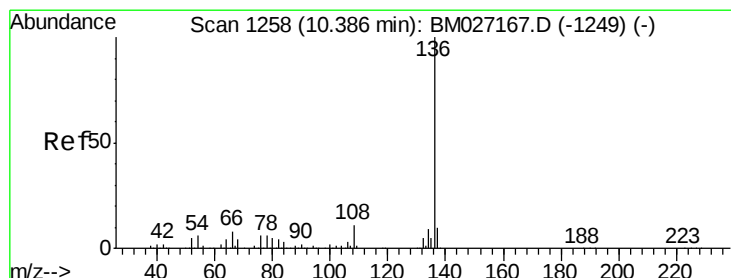
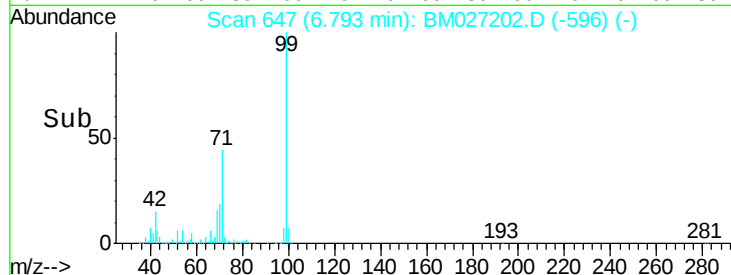
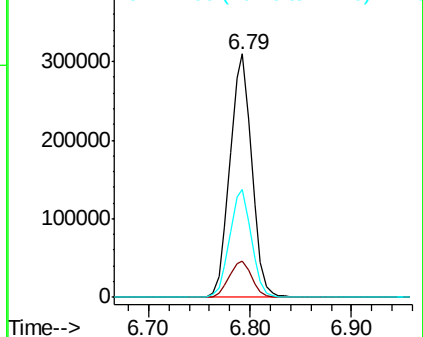


Abundance

Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.37 min Scan# 1256

Delta R.T. 0.00 min

Lab File: BM027202.D

Acq: 24 Aug 2020 20:02

Tgt Ion: 136 Resp: 809337

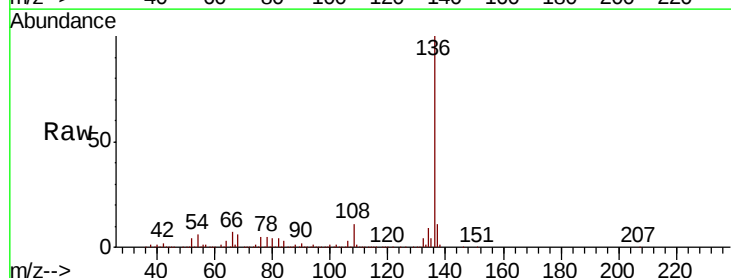
Ion Ratio Lower Upper

136 100

137 11.1 8.2 12.4

54 6.0 4.8 7.2

68 5.8 3.5 5.3#



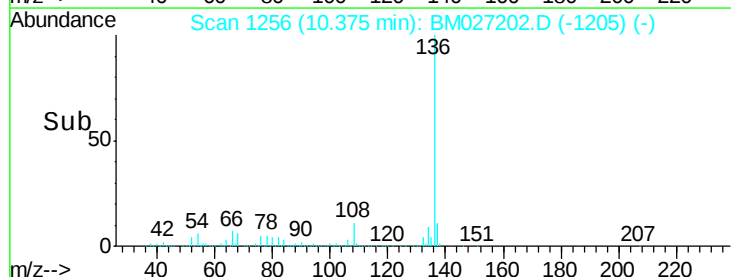
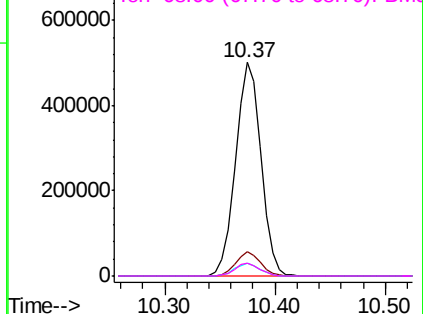
Abundance

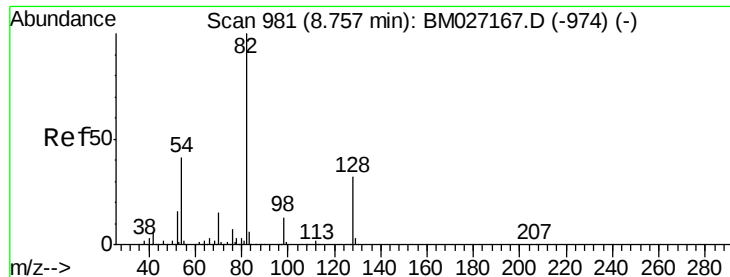
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0





#23

Nitrobenzene-d5

Concen: 21.002 ng

RT: 8.75 min Scan# 979

Delta R.T. -0.01 min

Lab File: BM027202.D

Acq: 24 Aug 2020 20:02

Instrument :

BNA_M

ClientSampleId :

EROC-BF-1FRE

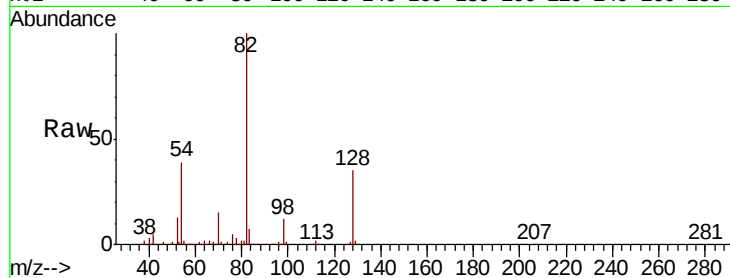
Tot Ion: 82 Resp: 411993

Ion Ratio Lower Upper

82 100

128 35.4 25.7 38.5

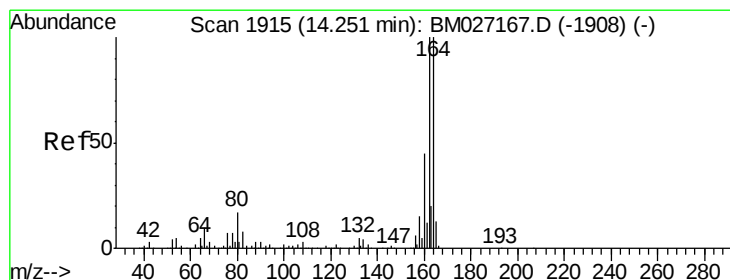
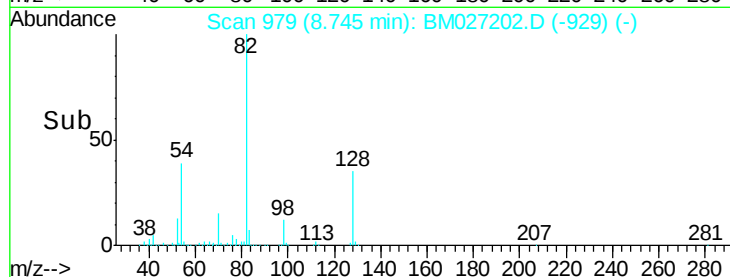
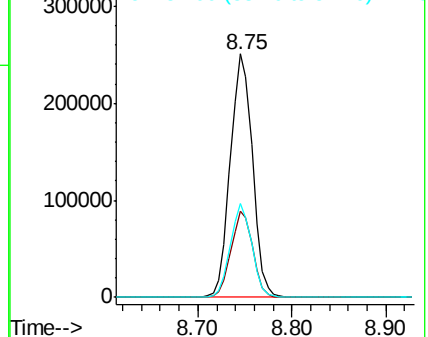
54 38.8 33.0 49.4



Abundance Ion 82.00 (81.70 to 82.70): BM027167.D (-974) (-)

Ion 128.00 (127.70 to 128.70): BM027167.D (-974) (-)

Ion 54.00 (53.70 to 54.70): BM027167.D (-974) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.25 min Scan# 1914

Delta R.T. 0.00 min

Lab File: BM027202.D

Acq: 24 Aug 2020 20:02

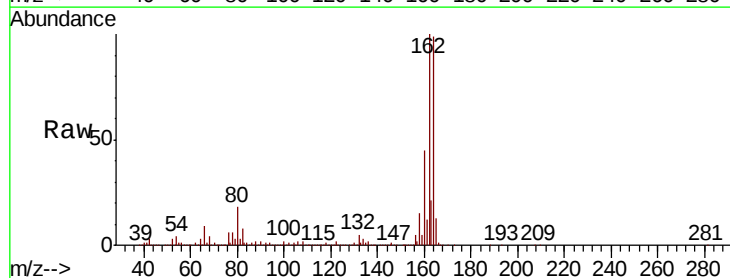
Tgt Ion: 164 Resp: 513922

Ion Ratio Lower Upper

164 100

162 100.6 80.2 120.4

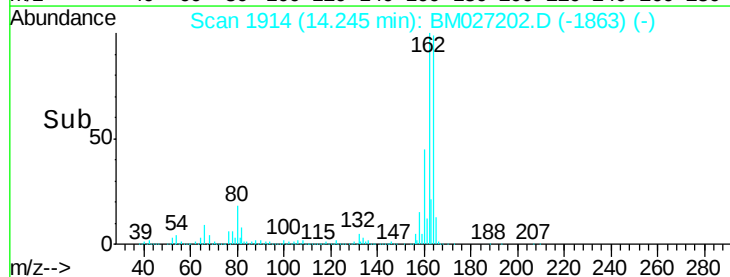
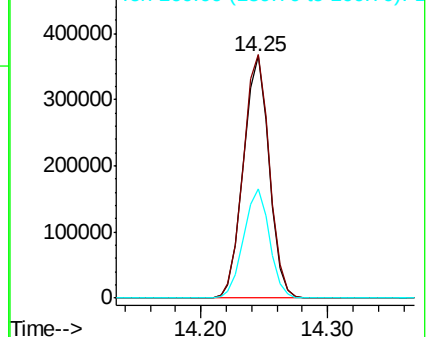
160 45.1 36.3 54.5

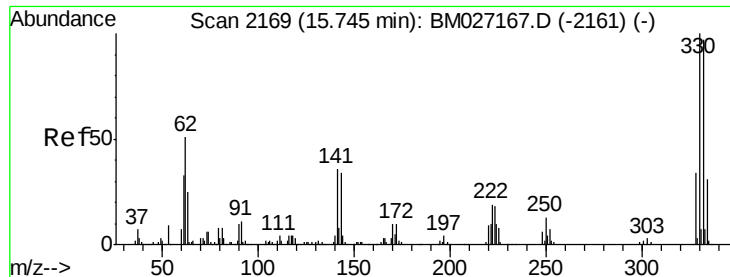


Abundance Ion 164.00 (163.70 to 164.70): BM027167.D (-1908) (-)

Ion 162.00 (161.70 to 162.70): BM027167.D (-1908) (-)

Ion 160.00 (159.70 to 160.70): BM027167.D (-1908) (-)

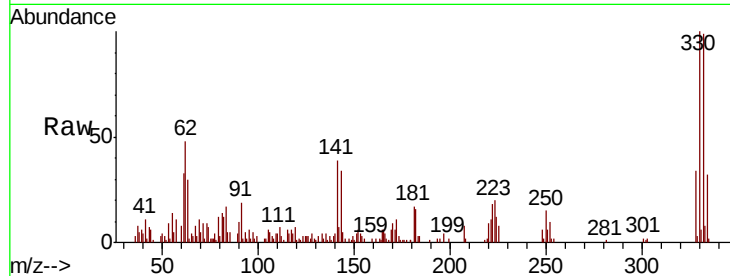




#42
 2,4,6-Tribromophenol
 Concen: 2.531 ng
 RT: 15.73 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BM027202.D
 Acq: 24 Aug 2020 20:02

Instrument :
 BNA_M
 ClientSampleId :
 EROC-BF-1FRE

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.2	115.8
141	37.8	31.0	46.6

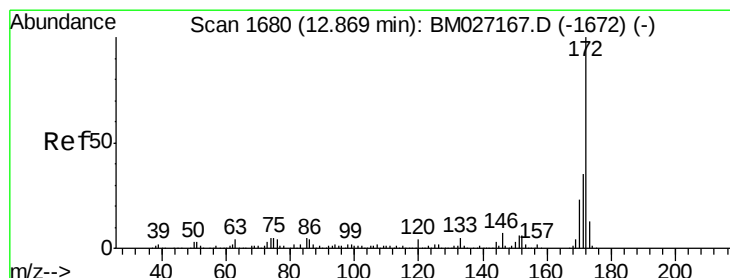
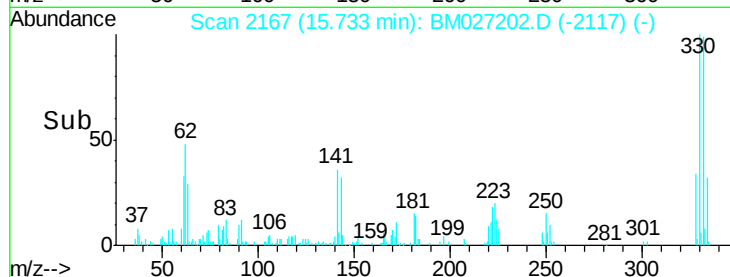
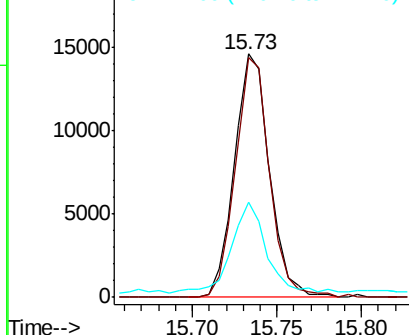


Abundance

Ion 329.80 (329.50 to 330.50): E

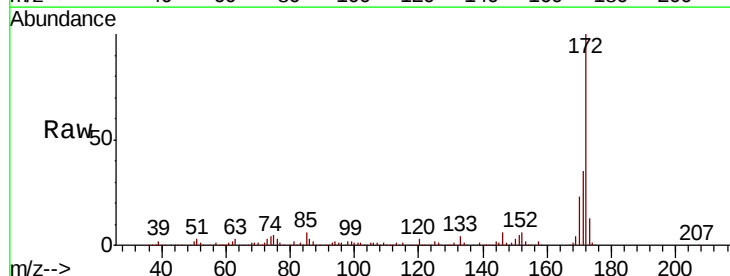
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 21.533 ng
 RT: 12.86 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BM027202.D
 Acq: 24 Aug 2020 20:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.1	42.1
170	23.0	18.6	28.0

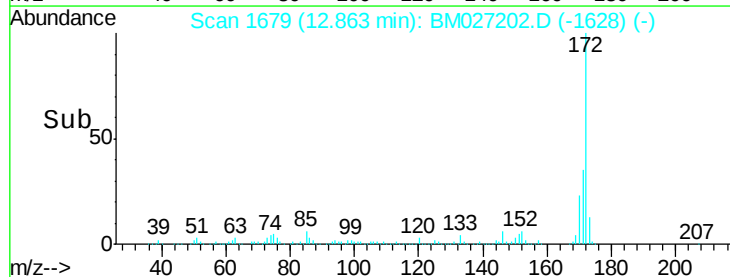
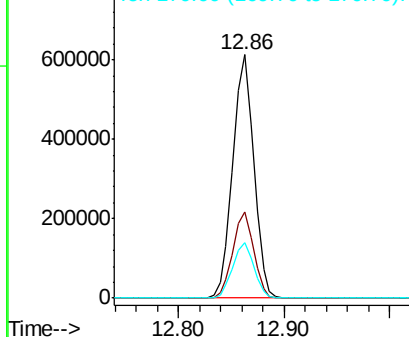


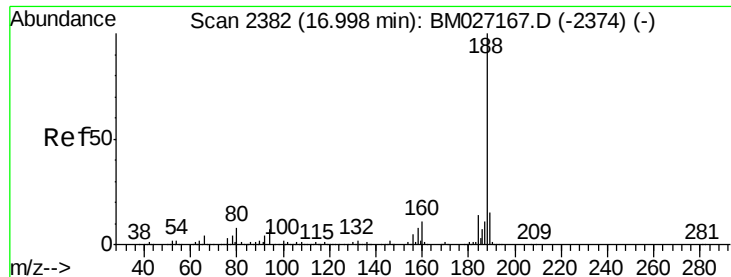
Abundance

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

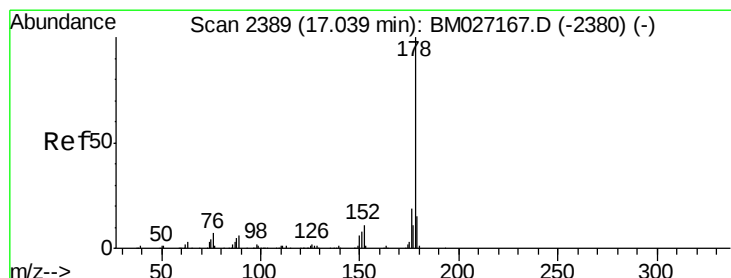
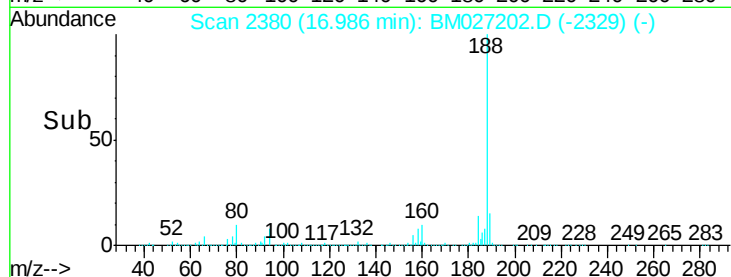
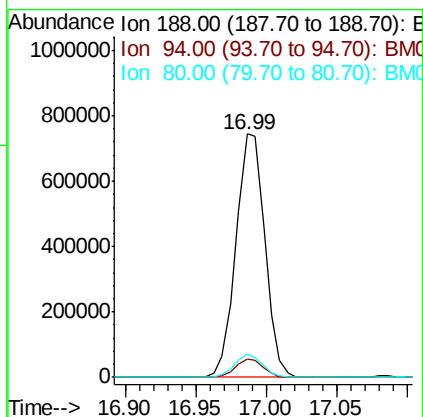
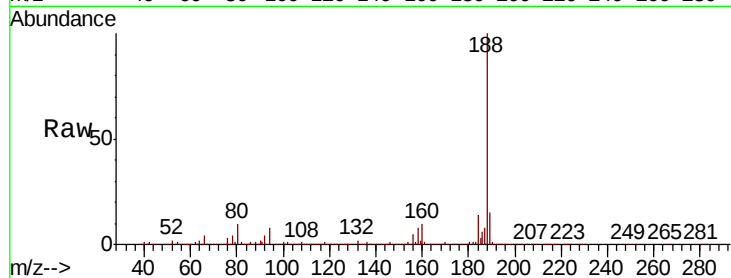




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.99 min Scan# 2380
 Delta R.T. 0.00 min
 Lab File: BM027202.D
 Acq: 24 Aug 2020 20:02

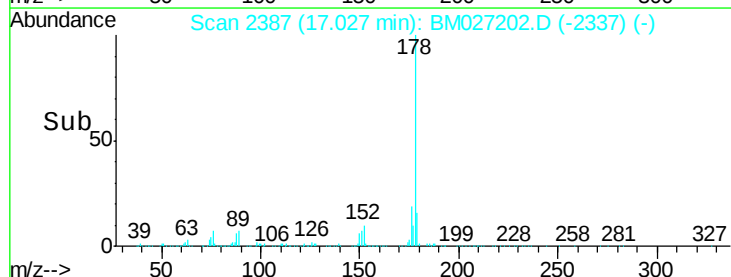
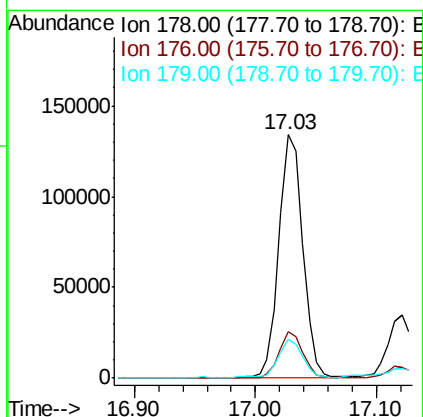
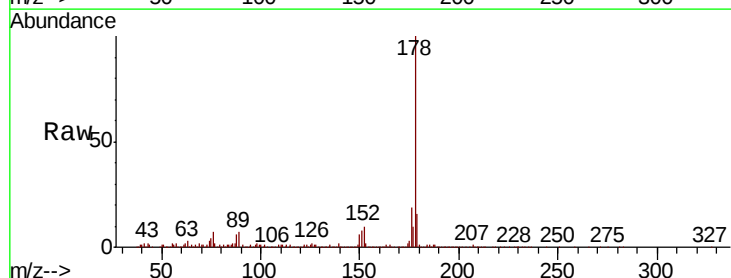
Instrument :
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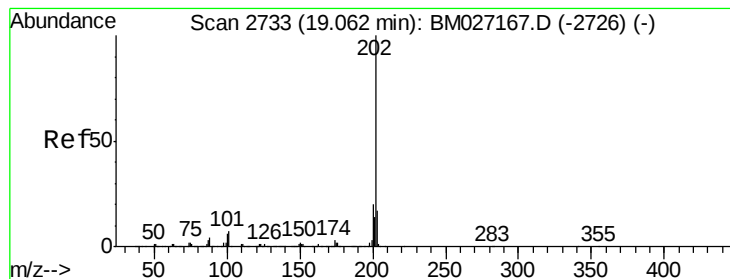
Tot Ion:188 Resp: 1063241
 Ion Ratio Lower Upper
 188 100
 94 7.7 5.5 8.3
 80 9.8 6.2 9.4#



#71
 Phenanthrene
 Concen: 3.095 ng
 RT: 17.03 min Scan# 2387
 Delta R.T. -0.01 min
 Lab File: BM027202.D
 Acq: 24 Aug 2020 20:02

Tgt Ion:178 Resp: 182929
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.0 22.6
 179 15.8 12.0 18.0





#75

Fluoranthene

Concen: 3.783 ng

RT: 19.05 min Scan# 2731

Delta R.T. 0.00 min

Lab File: BM027202.D

Acq: 24 Aug 2020 20:02

Instrument :

BNA_M

ClientSampleId :

EROC-BF-1FRE

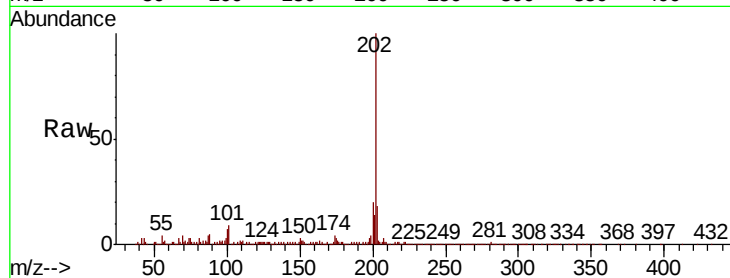
Tot Ion:202 Resp: 279332

Ion Ratio Lower Upper

202 100

101 8.6 0.0 27.2

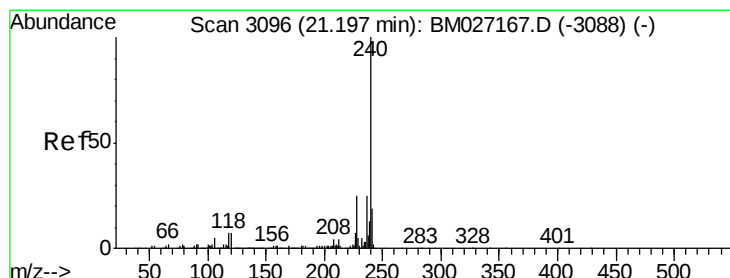
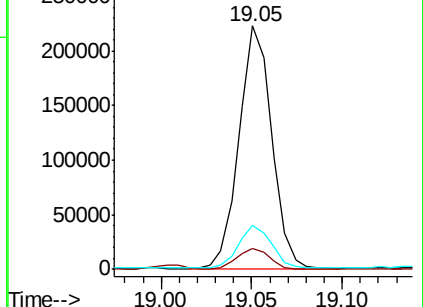
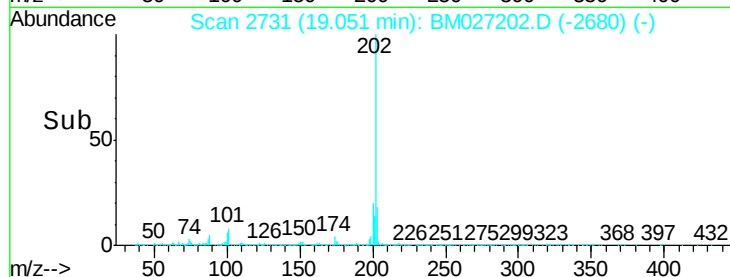
203 18.2 0.0 37.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM027202.D

Acq: 24 Aug 2020 20:02

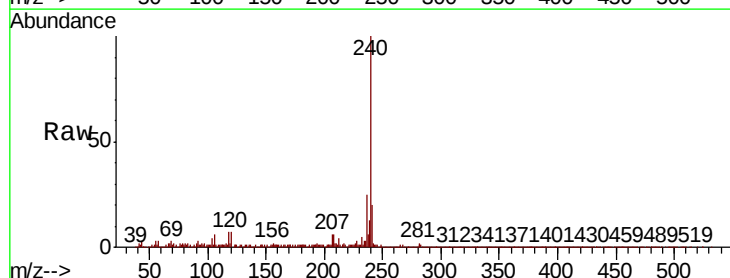
Tgt Ion:240 Resp: 999216

Ion Ratio Lower Upper

240 100

120 7.4 5.6 8.4

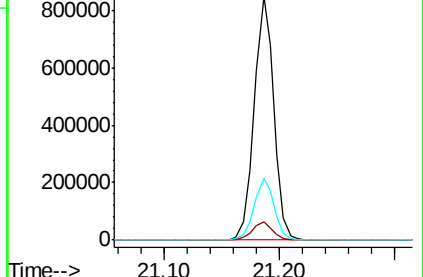
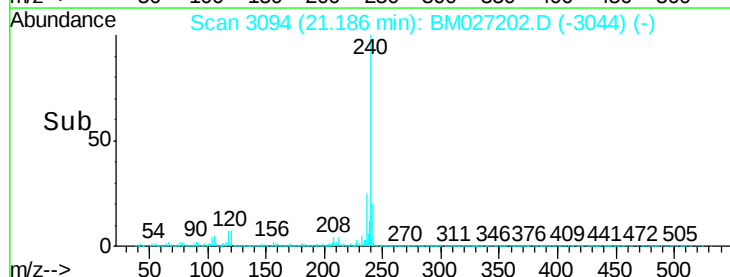
236 25.3 19.8 29.6

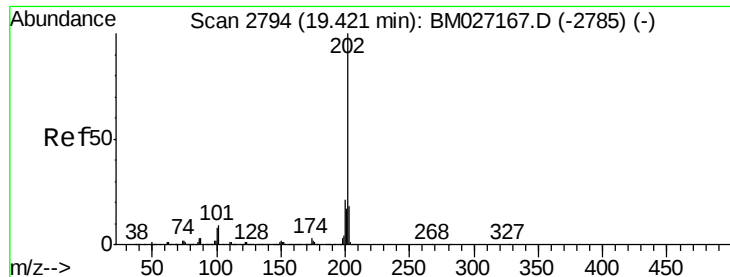


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 4.379 ng

RT: 19.42 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BM027202.D

Acq: 24 Aug 2020 20:02

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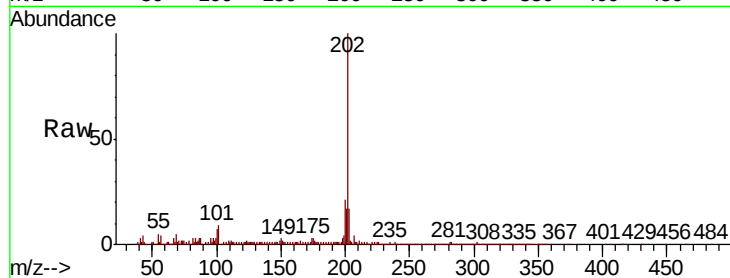
Tot Ion:202 Resp: 266232

Ion Ratio Lower Upper

202 100

200 20.9 16.6 25.0

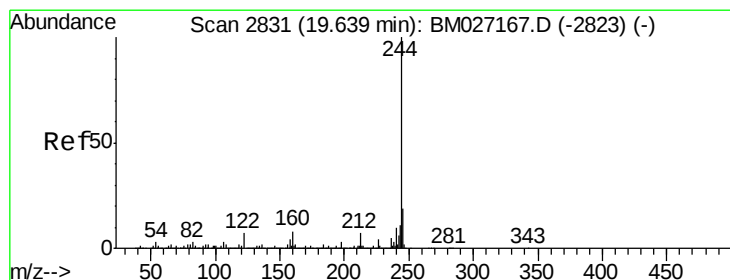
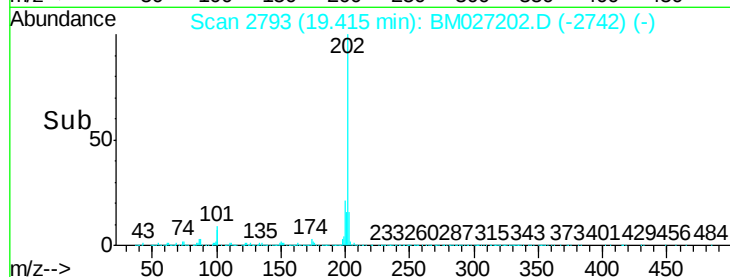
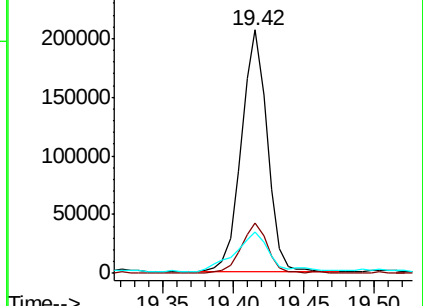
203 17.1 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 19.726 ng

RT: 19.63 min Scan# 2830

Delta R.T. 0.00 min

Lab File: BM027202.D

Acq: 24 Aug 2020 20:02

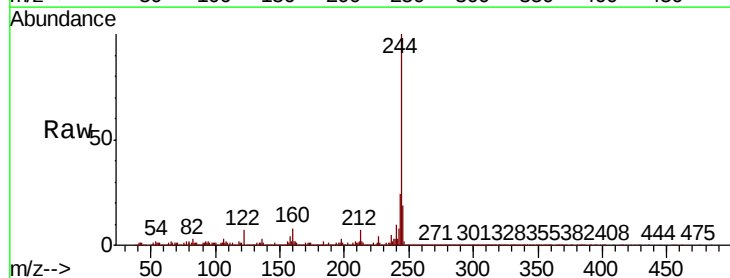
Tgt Ion:244 Resp: 1055126

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

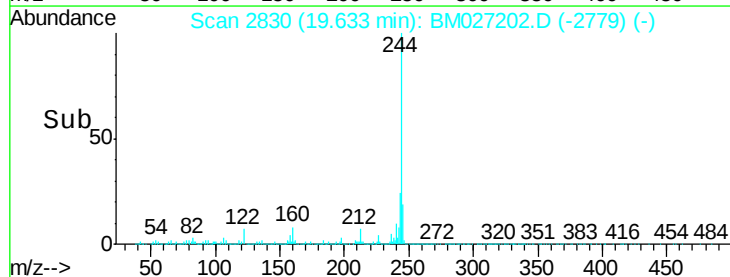
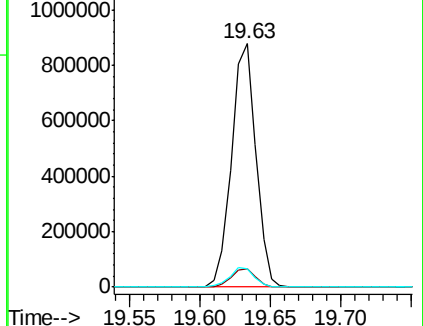
122 7.4 5.8 8.8

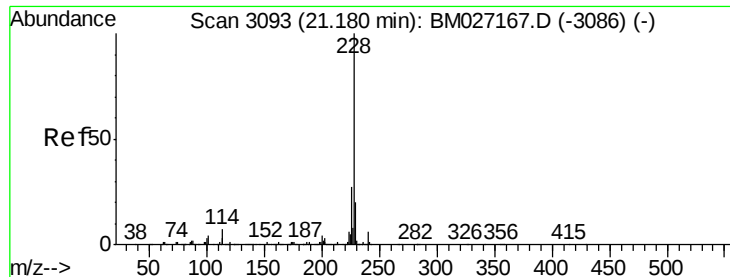


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 2.153 ng

RT: 21.17 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BM027202.D

Acq: 24 Aug 2020 20:02

Instrument :

BNA_M

ClientSampleId :

EROC-BF-1FRE

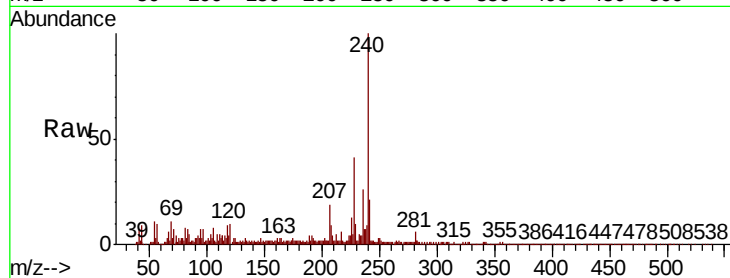
Tot Ion:228 Resp: 139393

Ion Ratio Lower Upper

228 100

226 32.1 21.4 32.2

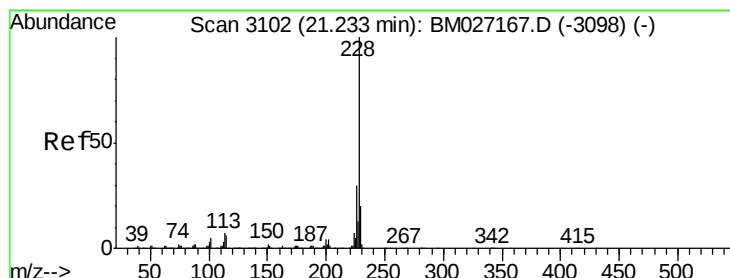
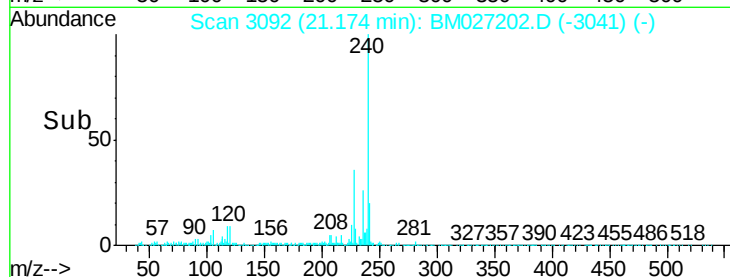
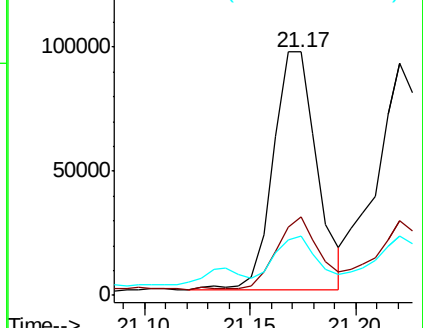
229 24.4 15.8 23.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 2.209 ng

RT: 21.22 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM027202.D

Acq: 24 Aug 2020 20:02

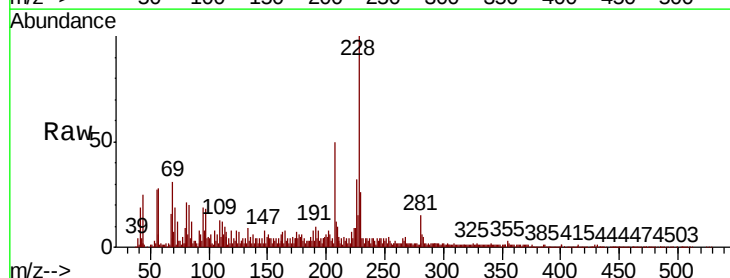
Tgt Ion:228 Resp: 138892

Ion Ratio Lower Upper

228 100

226 32.0 23.7 35.5

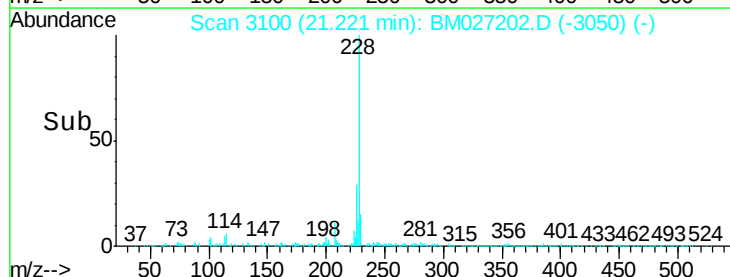
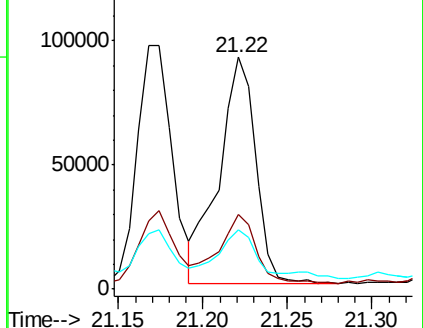
229 25.7 15.8 23.8#

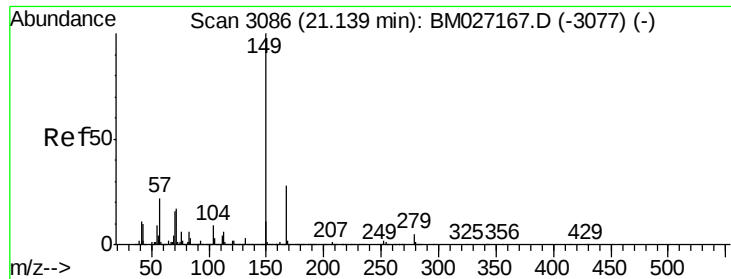


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 13.861 ng

RT: 21.13 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BM027202.D

Acq: 24 Aug 2020 20:02

Instrument :

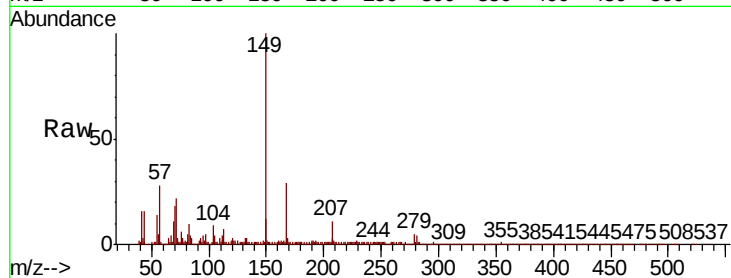
BNA_M

ClientSampleId :

EROC-BF-1FRE

Tot Ion:149 Resp: 438423

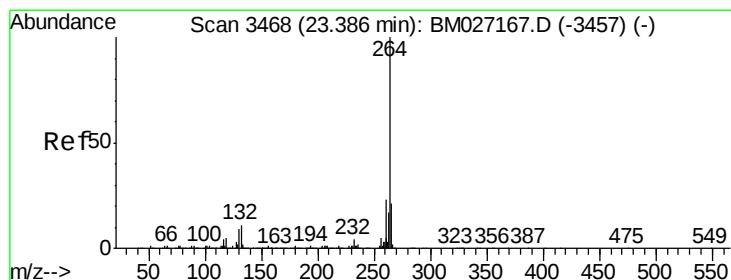
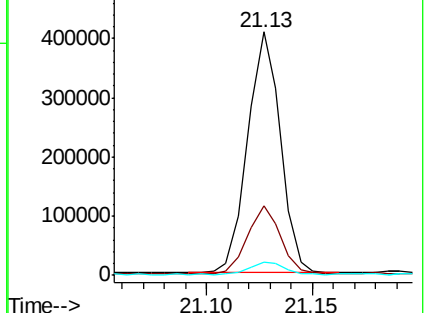
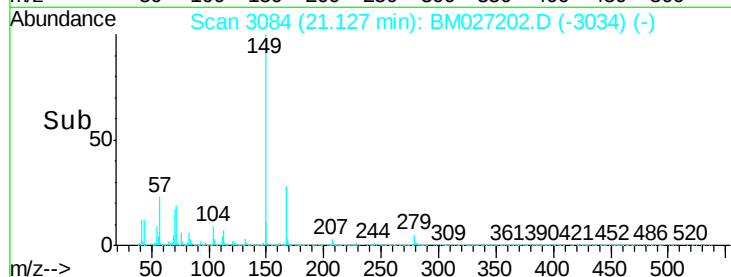
Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.2	33.2
279	5.4	4.2	6.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.37 min Scan# 3466

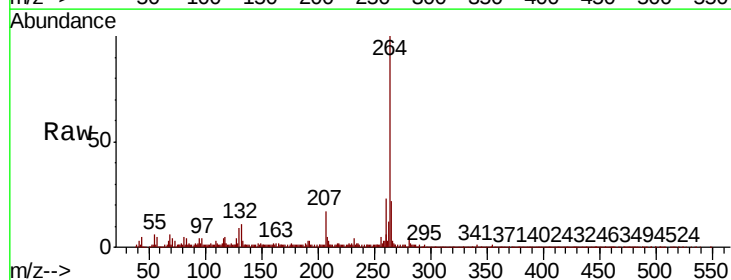
Delta R.T. 0.00 min

Lab File: BM027202.D

Acq: 24 Aug 2020 20:02

Tgt Ion:264 Resp: 1104673

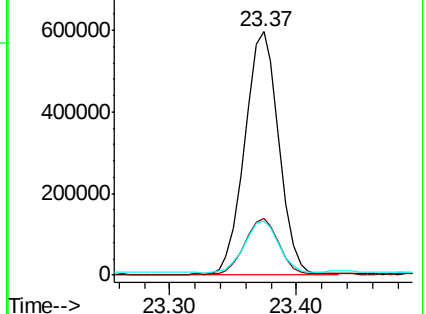
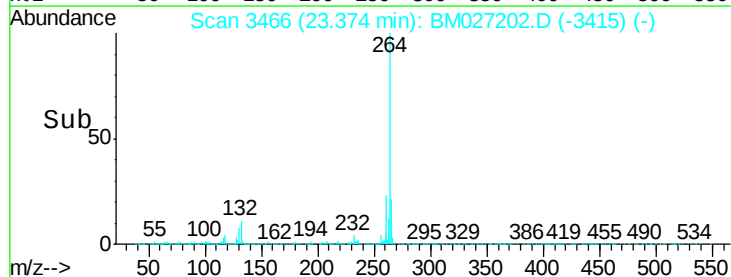
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	22.3	17.5	26.3

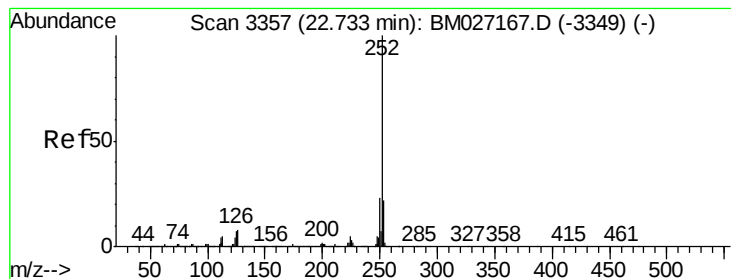


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.407 ng

RT: 22.72 min Scan# 3355

Delta R.T. -0.01 min

Lab File: BM027202.D

Acq: 24 Aug 2020 20:02

Instrument :

BNA_M

ClientSampleId :

EROC-BF-1FRE

Tot Ion:252 Resp: 177325

Ion Ratio Lower Upper

252 100

253 31.0 17.7 26.5#

125 16.2 5.4 8.0#

