

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
 Data File : BM027183.D
 Acq On : 21 Aug 2020 23:18
 Operator : JU/CG
 Sample : L3729-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-3-(2-3)

Quant Time: Aug 22 05:33:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 21 15:18:25 2020
 Response via : Initial Calibration

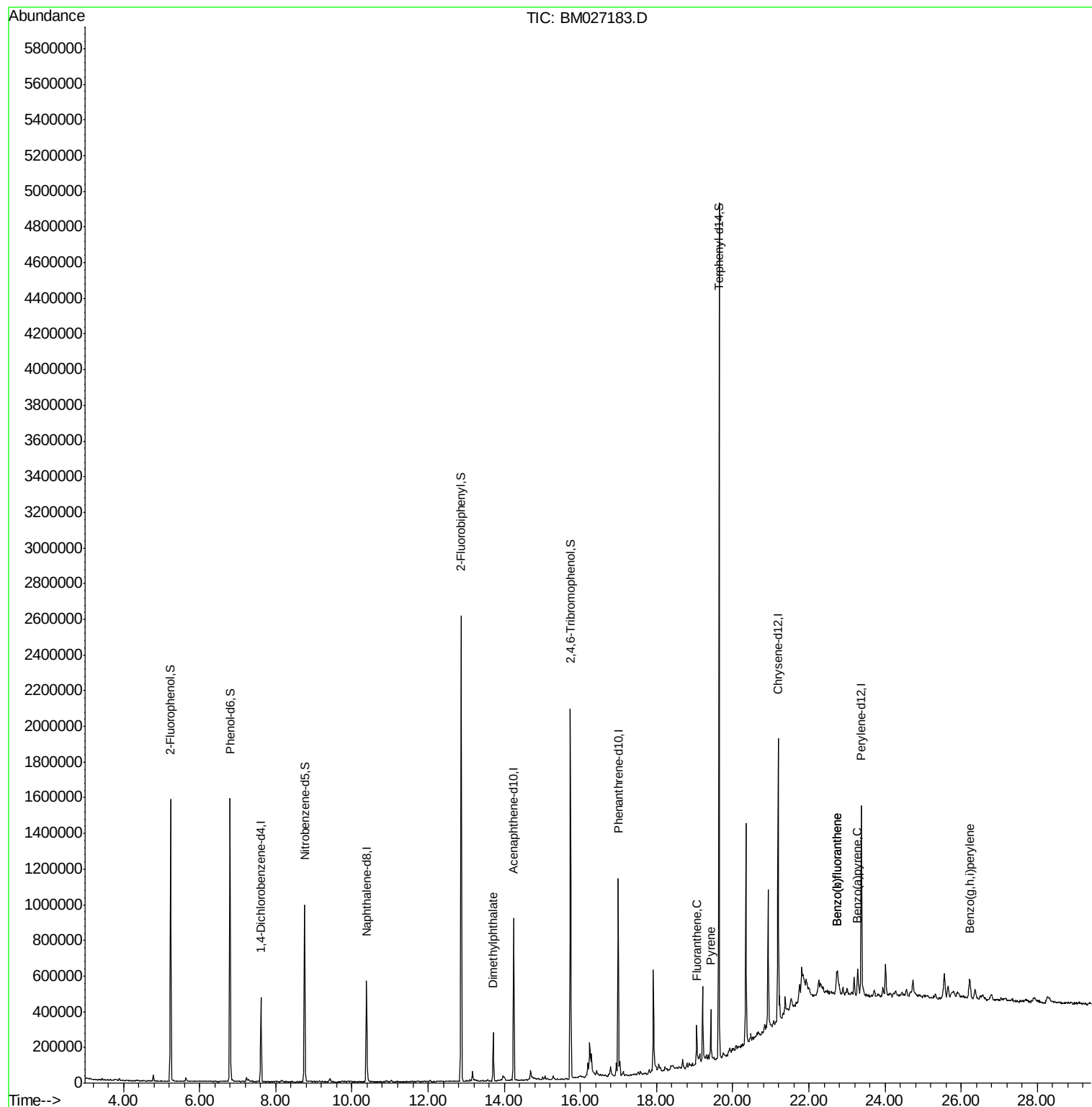
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	120271	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	453369	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	289819	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	640112	20.00	ng	0.00
76) Chrysene-d12	21.19	240	676324	20.00	ng	0.00
86) Perylene-d12	23.38	264	725775	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	595004	96.44	ng	0.00
7) Phenol-d6	6.80	99	823117	97.17	ng	0.00
23) Nitrobenzene-d5	8.76	82	615114	55.98	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	378488	80.65	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	1276354	57.85	ng	0.00
79) Terphenyl-d14	19.64	244	1973999	54.52	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.71	163	157330	6.686	ng	99
75) Fluoranthene	19.06	202	120669	2.715	ng	97
78) Pyrene	19.42	202	163766	3.979	ng	98
88) Benzo(b)fluoranthene	22.73	252	157062	3.245	ng	# 91
89) Benzo(k)fluoranthene	22.73	252	157062	3.315	ng	# 90
90) Benzo(a)pyrene	23.28	252	92466	2.093	ng	# 95
92) Benzo(g,h,i)perylene	26.22	276	124871	2.742	ng	98

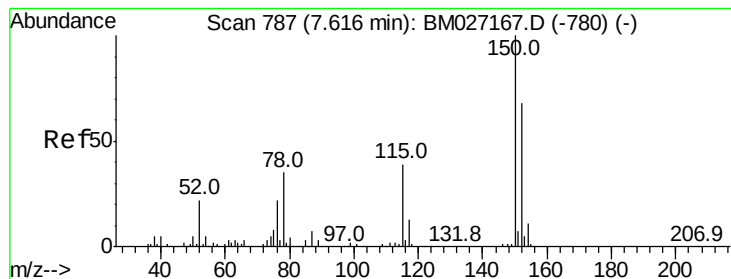
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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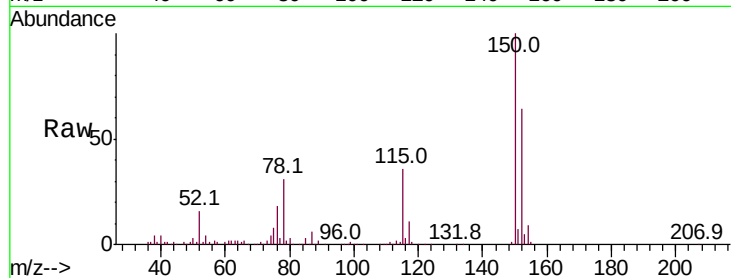


#1

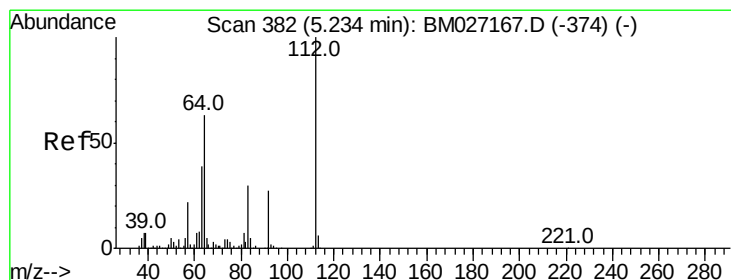
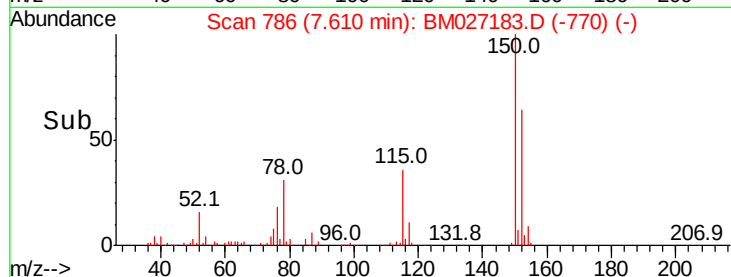
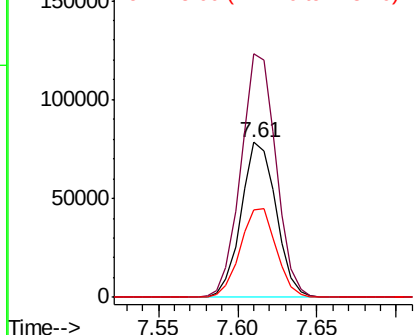
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM027183.D
Acq: 21 Aug 2020 23:18

Instrument :
BNA_M
ClientSampleId :
COMP-3-(2-3)

Tot Ion:152 Resp: 120271
Ion Ratio Lower Upper
152 100
150 157.0 118.2 177.4
115 56.8 46.1 69.1



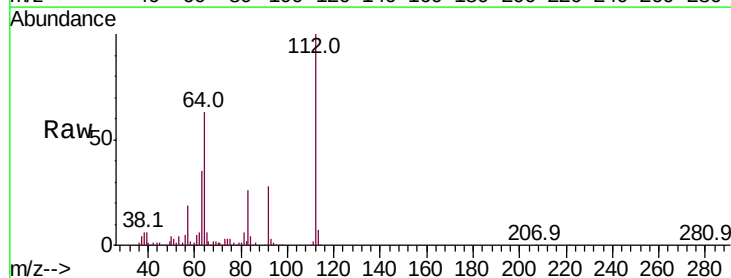
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



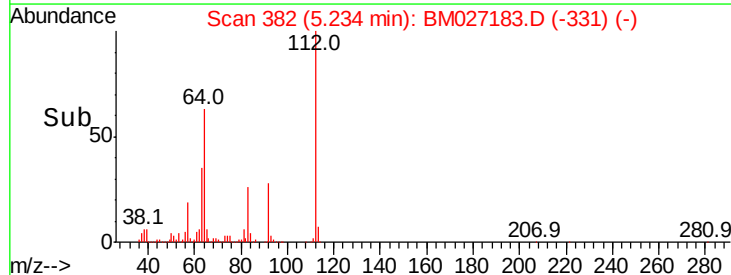
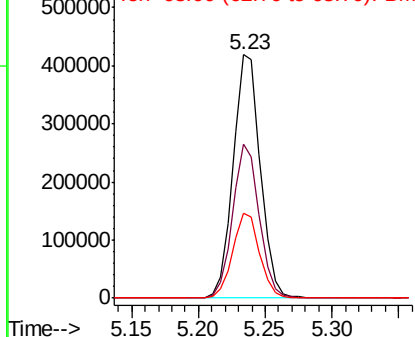
#5

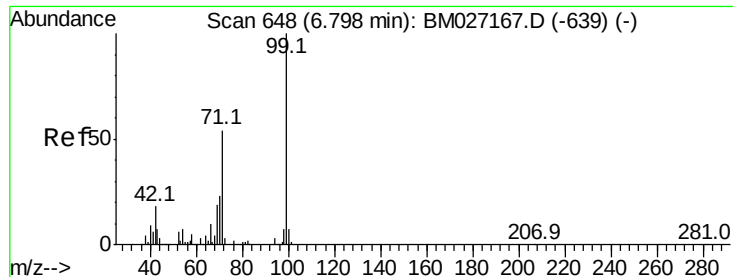
2-Fluorophenol
Concen: 96.443 ng
RT: 5.23 min Scan# 382
Delta R.T. 0.00 min
Lab File: BM027183.D
Acq: 21 Aug 2020 23:18

Tgt Ion:112 Resp: 595004
Ion Ratio Lower Upper
112 100
64 63.3 50.0 75.0
63 35.0 31.6 47.4



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: 97.172 ng

RT: 6.80 min Scan# 648

Delta R.T. 0.00 min

Lab File: BM027183.D

Acq: 21 Aug 2020 23:18

Instrument :

BNA_M

ClientSampleId :

COMP-3-(2-3)

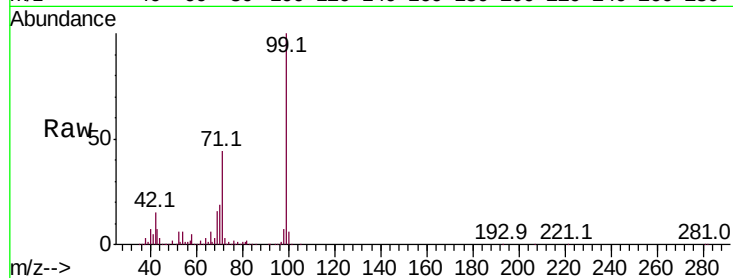
Tot Ion: 99 Resp: 823117

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

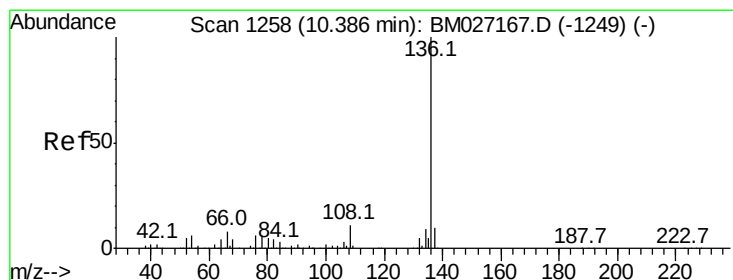
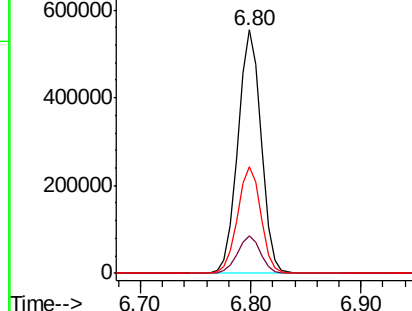
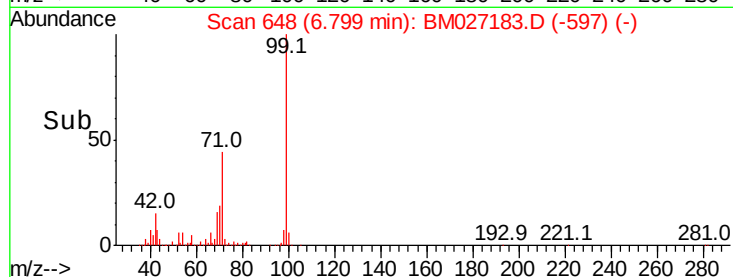
71 43.8 43.0 64.4



Abundance Ion 99.00 (98.70 to 99.70): BM027167.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM027167.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM027167.D (-639) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.38 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BM027183.D

Acq: 21 Aug 2020 23:18

Tgt Ion: 136 Resp: 453369

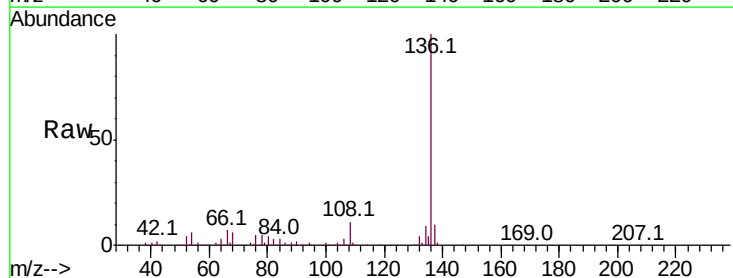
Ion Ratio Lower Upper

136 100

137 10.4 8.2 12.4

54 5.6 4.8 7.2

68 6.3 3.5 5.3#

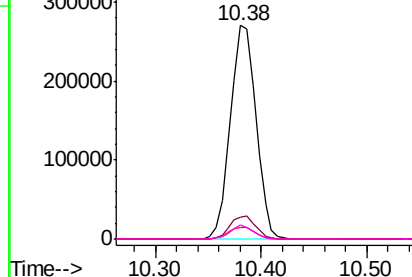
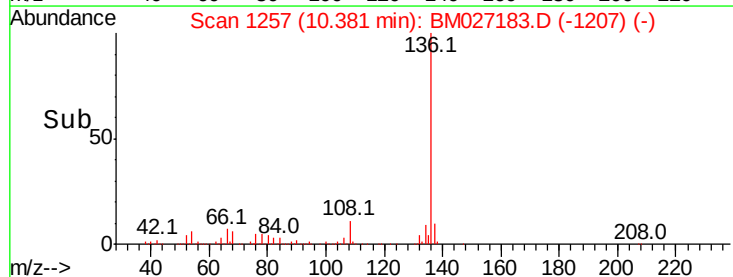


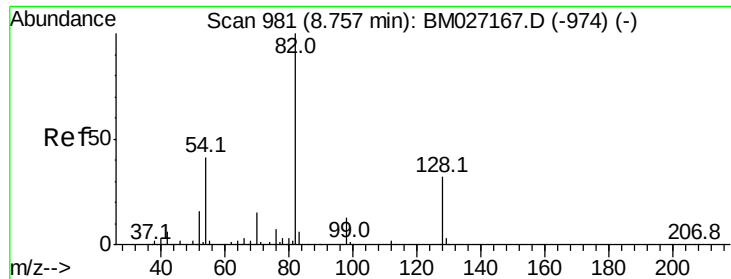
Abundance Ion 136.00 (135.70 to 136.70): BM027167.D (-1249) (-)

Ion 137.00 (136.70 to 137.70): BM027167.D (-1249) (-)

Ion 54.00 (53.70 to 54.70): BM027167.D (-1249) (-)

Ion 68.00 (67.70 to 68.70): BM027167.D (-1249) (-)

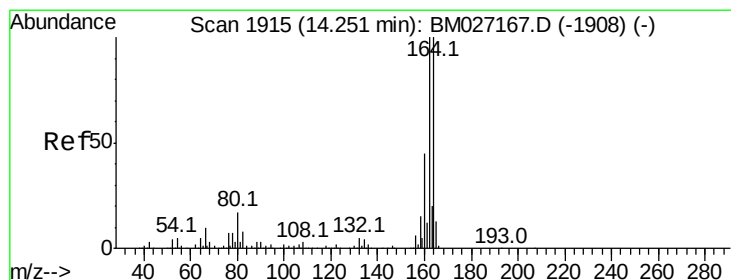
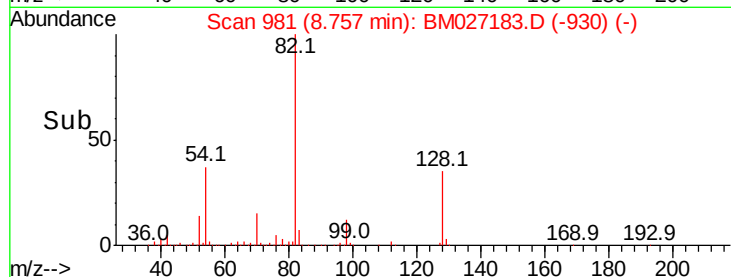
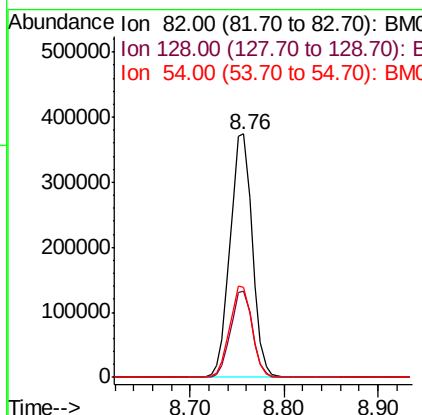
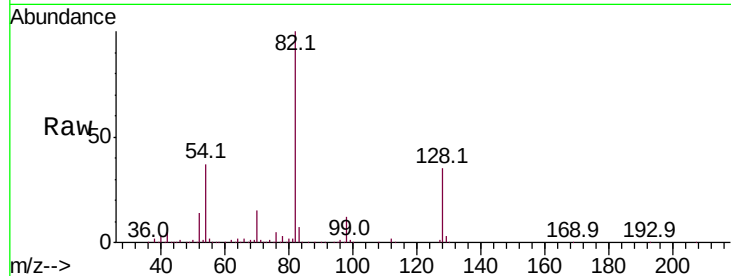




#23
 Nitrobenzene-d5
 Concen: 55.976 ng
 RT: 8.76 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BM027183.D
 Acq: 21 Aug 2020 23:18

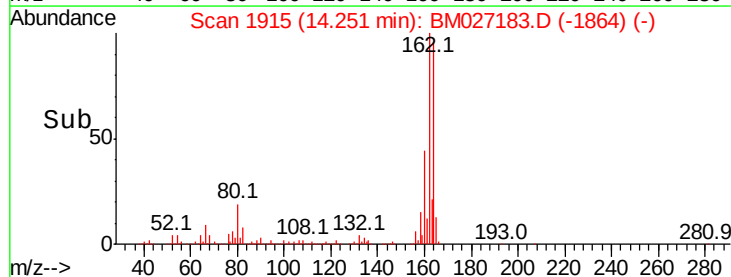
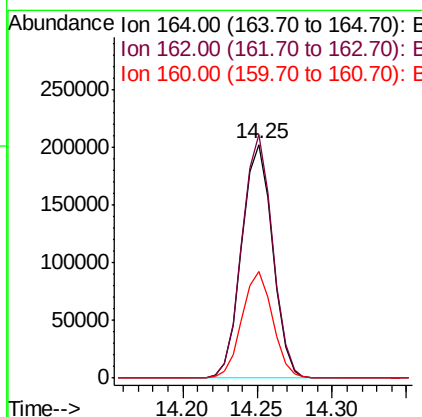
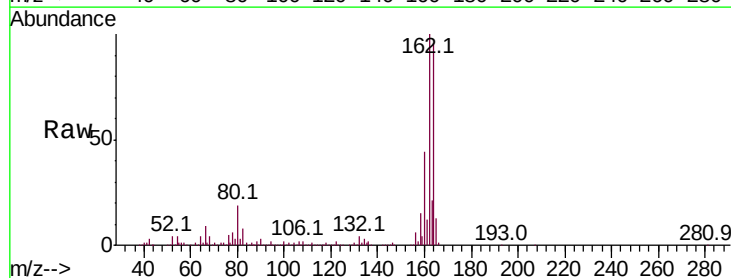
Instrument :
 BNA_M
 ClientSampleId :
 COMP-3-(2-3)

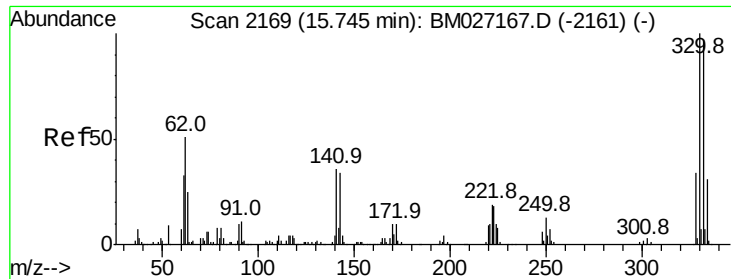
Tot Ion: 82 Resp: 615114
 Ion Ratio Lower Upper
 82 100
 128 35.2 25.7 38.5
 54 36.7 33.0 49.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.25 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: BM027183.D
 Acq: 21 Aug 2020 23:18

Tgt Ion:164 Resp: 289819
 Ion Ratio Lower Upper
 164 100
 162 104.3 80.2 120.4
 160 45.5 36.3 54.5

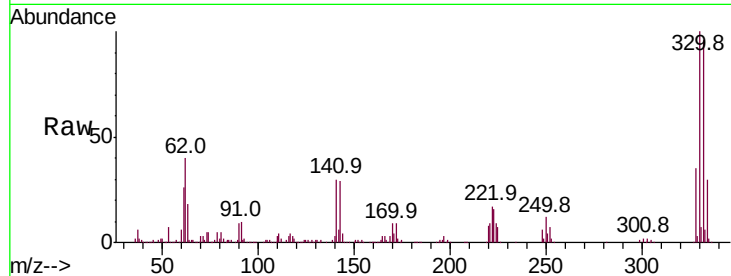




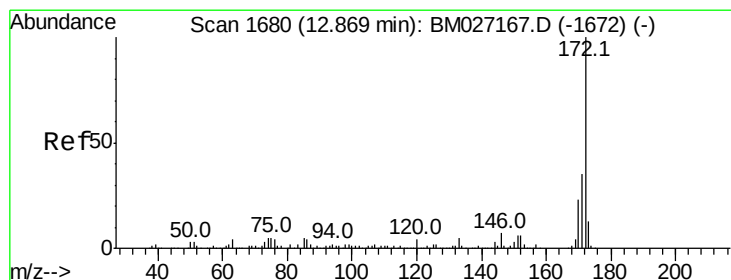
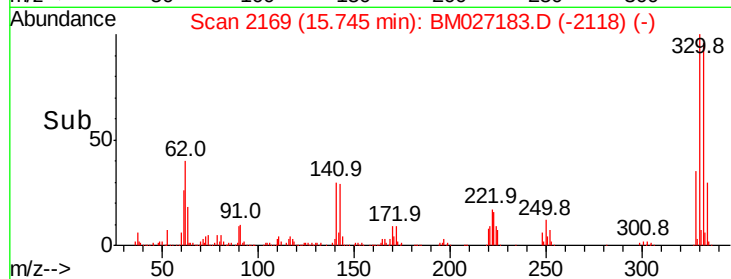
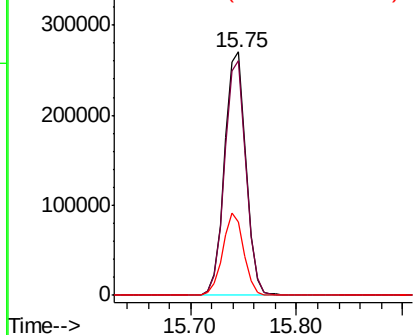
#42
 2,4,6-Tribromophenol
 Concen: 80.647 ng
 RT: 15.75 min Scan# 2169
 Delta R.T. 0.00 min
 Lab File: BM027183.D
 Acq: 21 Aug 2020 23:18

Instrument :
 BNA_M
 ClientSampleId :
 COMP-3-(2-3)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.2	115.8
141	33.5	31.0	46.6

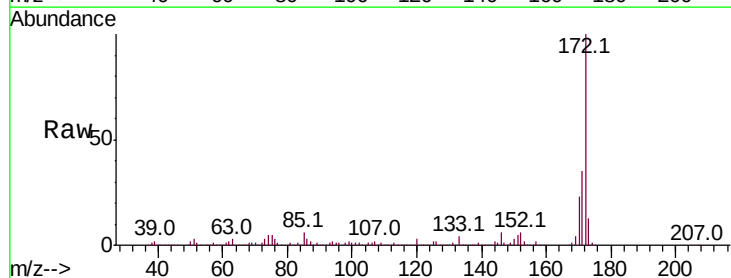


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

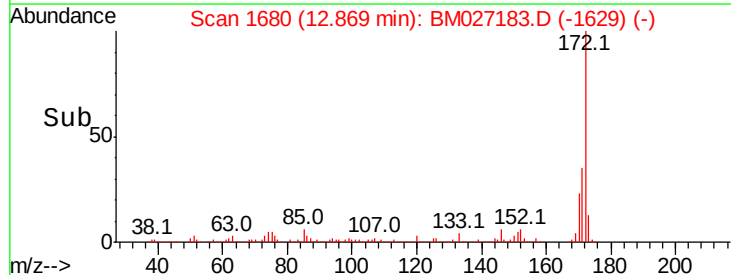
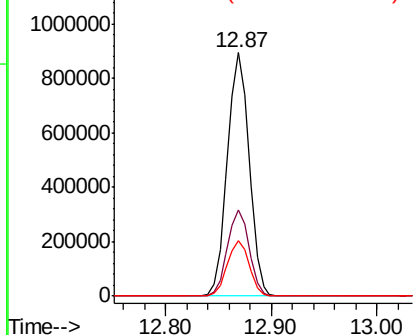


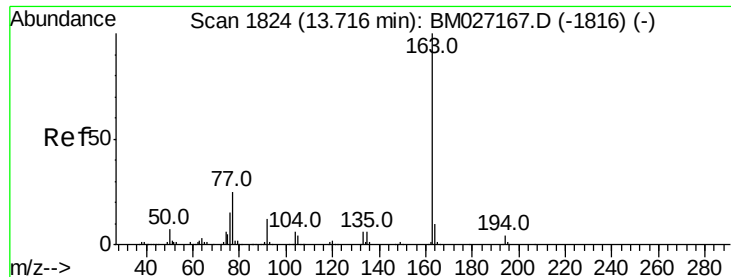
#45
 2-Fluorobiphenyl
 Concen: 57.851 ng
 RT: 12.87 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: BM027183.D
 Acq: 21 Aug 2020 23:18

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





#50

Dimethylphthalate

Concen: 6.686 ng

RT: 13.71 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BM027183.D

Acq: 21 Aug 2020 23:18

Instrument :

BNA_M

ClientSampleId :

COMP-3-(2-3)

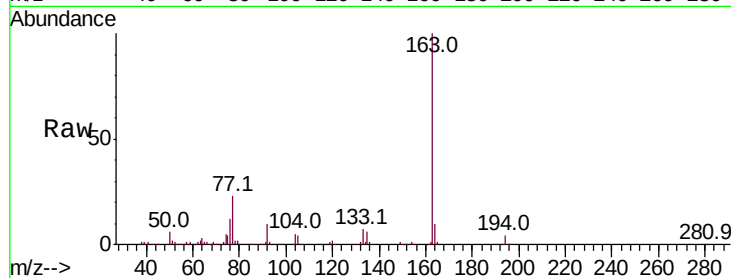
Tot Ion:163 Resp: 157330

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

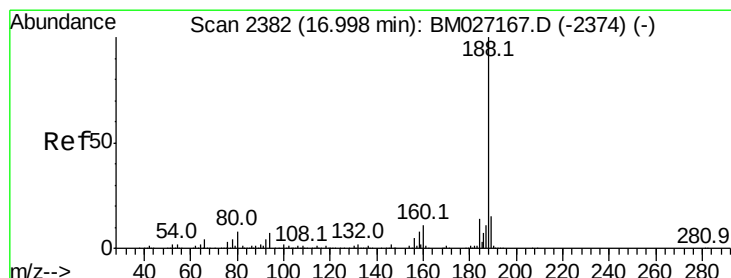
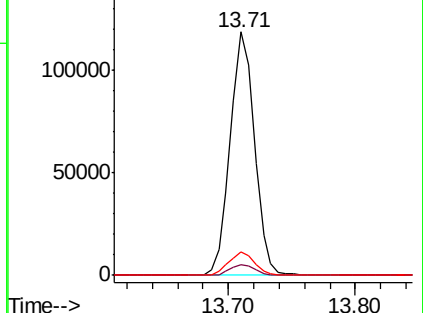
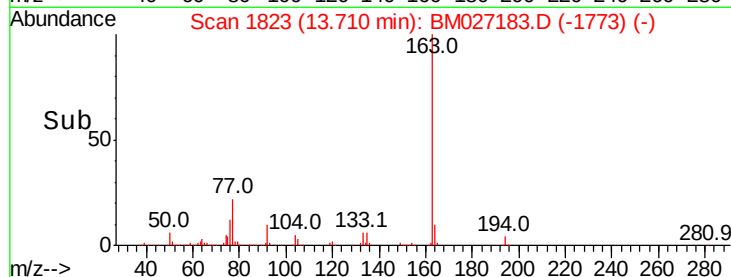
164 9.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BM027183.D

Acq: 21 Aug 2020 23:18

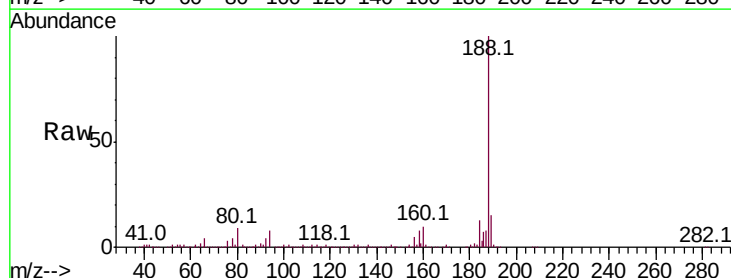
Tgt Ion:188 Resp: 640112

Ion Ratio Lower Upper

188 100

94 7.6 5.5 8.3

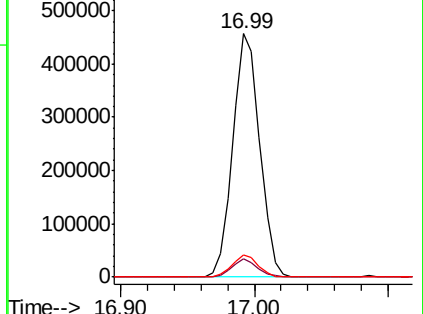
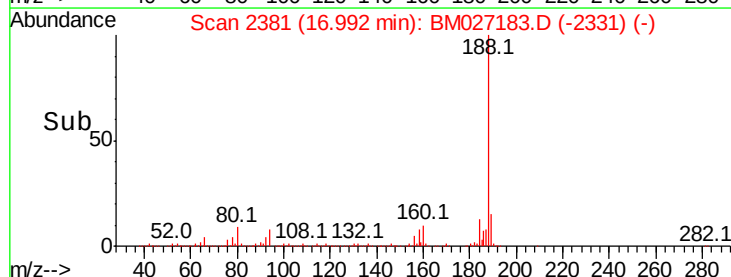
80 9.2 6.2 9.4

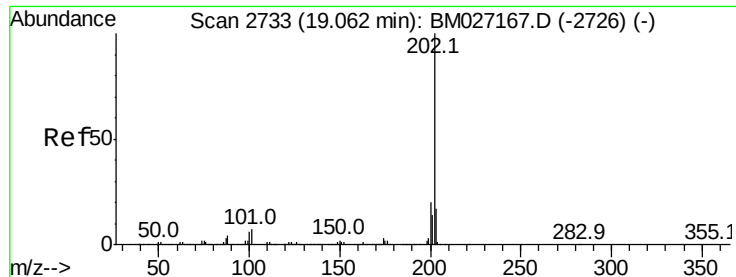


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM





#75

Fluoranthene

Concen: 2.715 ng

RT: 19.06 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BM027183.D

Acq: 21 Aug 2020 23:18

Instrument :

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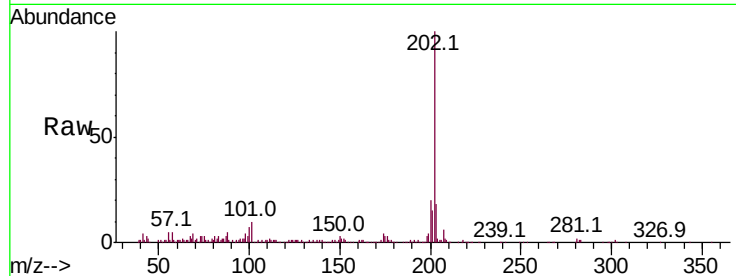
Tot Ion:202 Resp: 120669

Ion Ratio Lower Upper

202 100

101 9.5 0.0 27.2

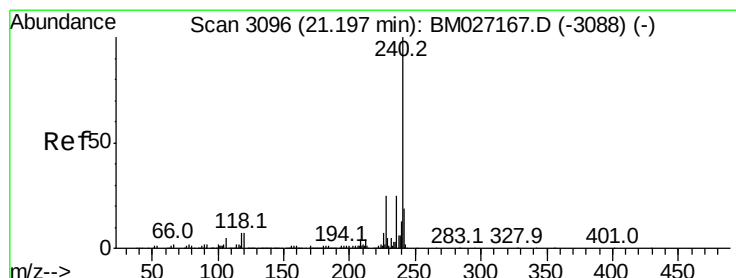
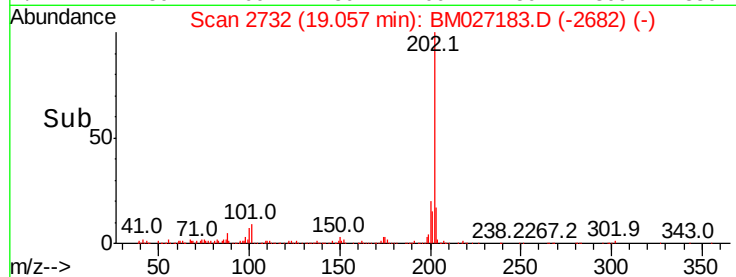
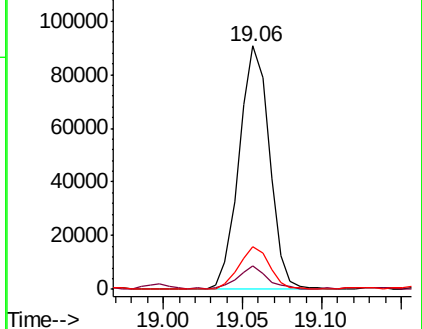
203 17.7 0.0 37.1



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# 3095

Delta R.T. -0.01 min

Lab File: BM027183.D

Acq: 21 Aug 2020 23:18

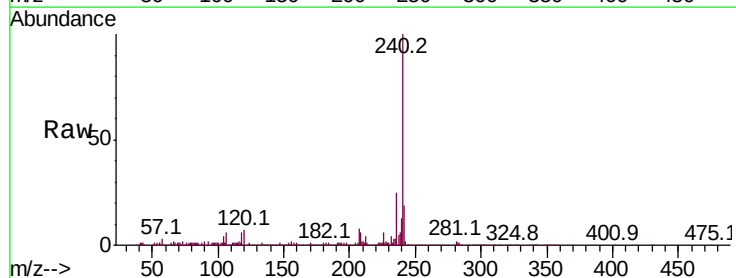
Tgt Ion:240 Resp: 676324

Ion Ratio Lower Upper

240 100

120 7.2 5.6 8.4

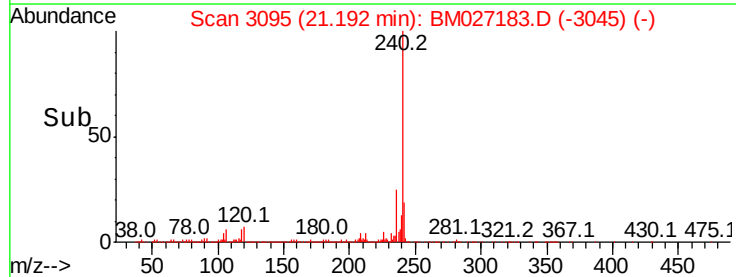
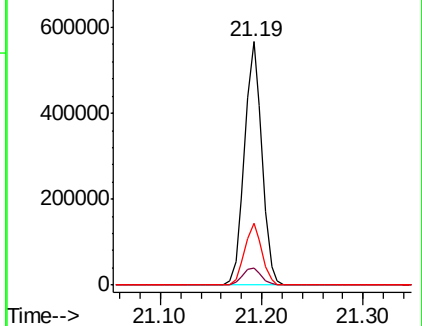
236 25.5 19.8 29.6

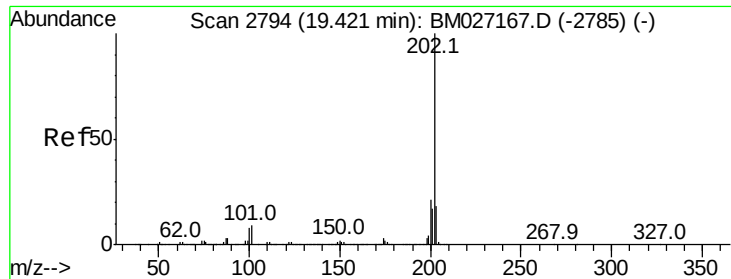


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

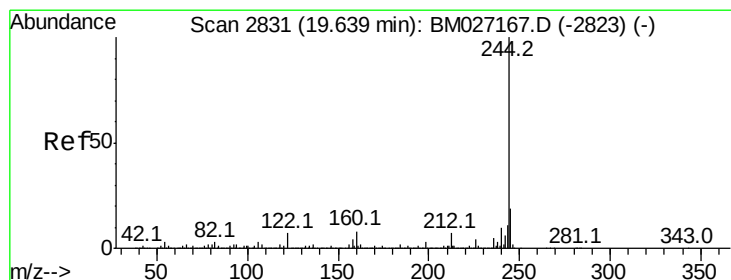
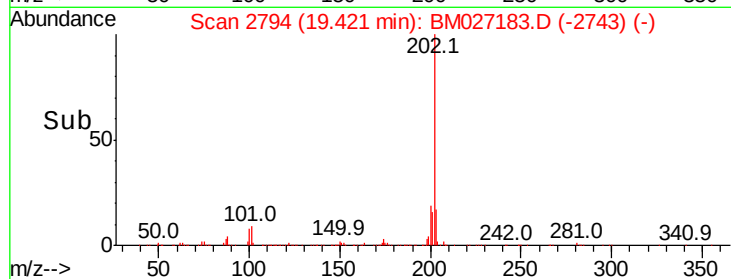
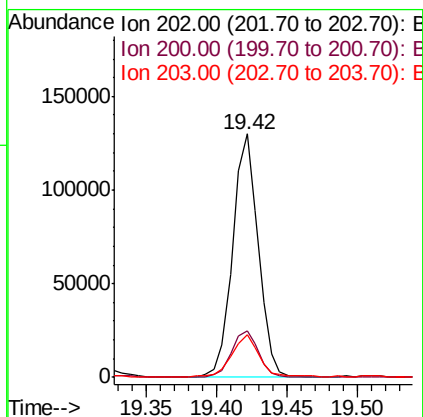
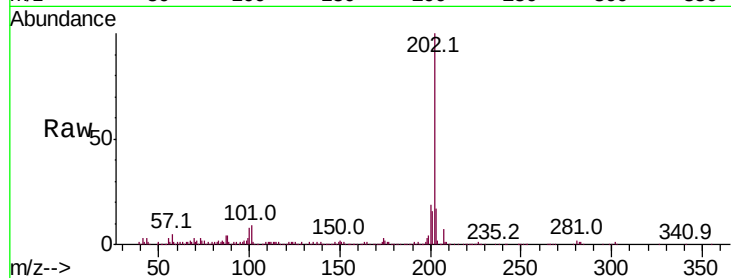




#78
Pvrene
Concen: 3.979 ng
RT: 19.42 min Scan# 2794
Delta R.T. 0.00 min
Lab File: BM027183.D
Acq: 21 Aug 2020 23:18

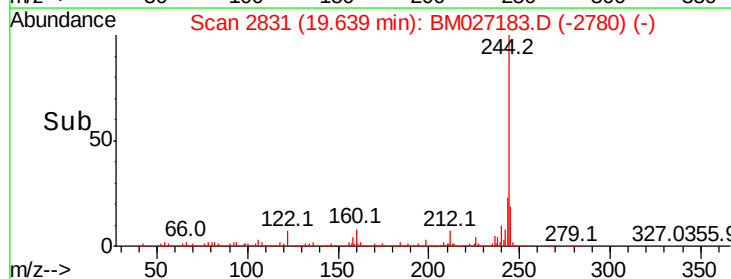
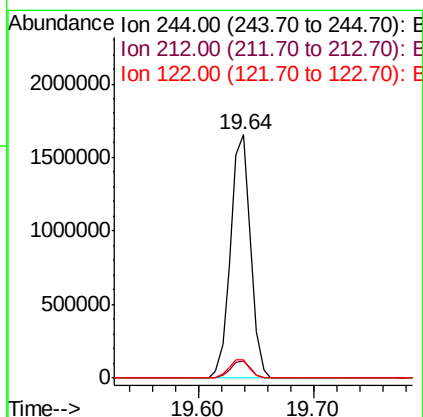
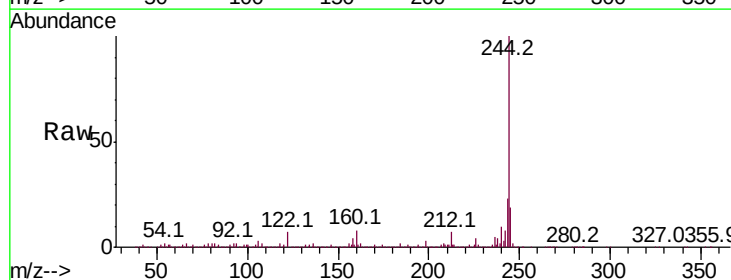
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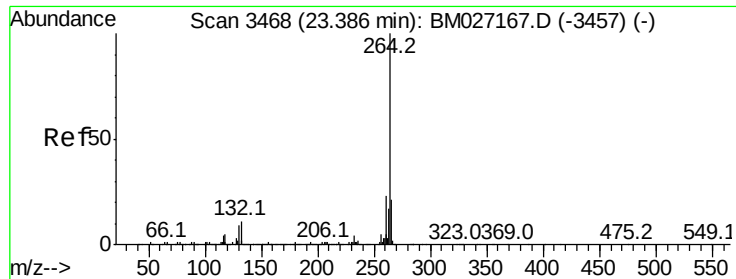
Tot Ion	Ratio	Lower	Upper
202	100		
200	19.0	16.6	25.0
203	17.4	14.0	21.0



#79
Terphenyl-d14
Concen: 54.523 ng
RT: 19.64 min Scan# 2831
Delta R.T. 0.00 min
Lab File: BM027183.D
Acq: 21 Aug 2020 23:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	7.5	5.8	8.8





#86

Pervlene-d12

Concen: 20.000 ng

RT: 23.38 min Scan# 3467

Delta R.T. -0.01 min

Lab File: BM027183.D

Acq: 21 Aug 2020 23:18

Instrument :

BNA_M

ClientSampleId :

COMP-3-(2-3)

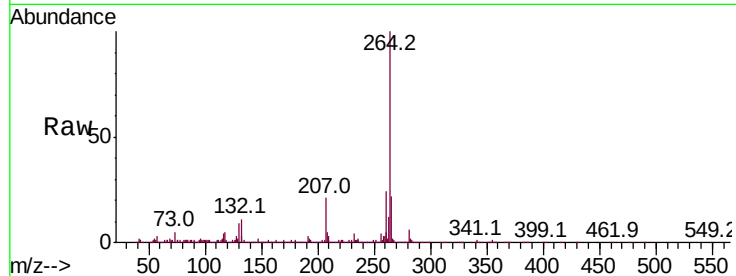
Tot Ion:264 Resp: 725775

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

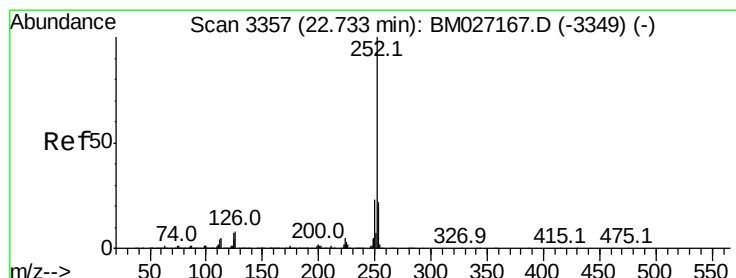
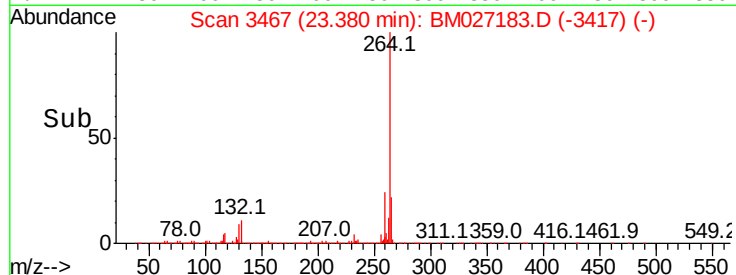
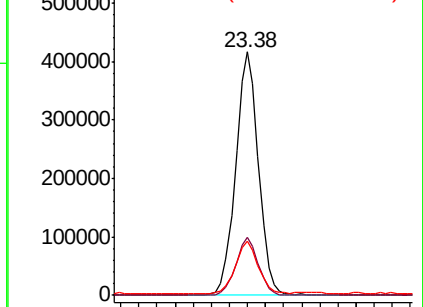
265 22.3 17.5 26.3



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: 3.245 ng

RT: 22.73 min Scan# 3356

Delta R.T. -0.01 min

Lab File: BM027183.D

Acq: 21 Aug 2020 23:18

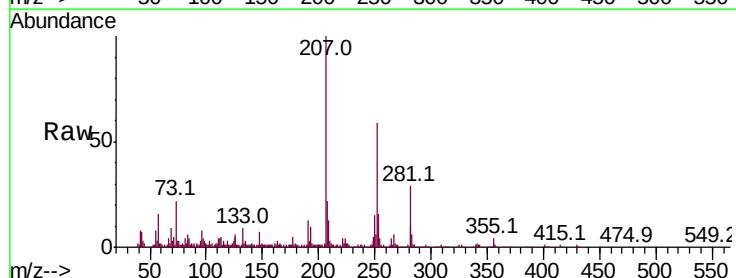
Tgt Ion:252 Resp: 157062

Ion Ratio Lower Upper

252 100

253 26.7 17.7 26.5#

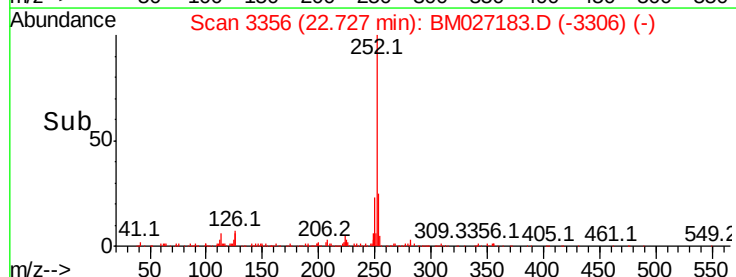
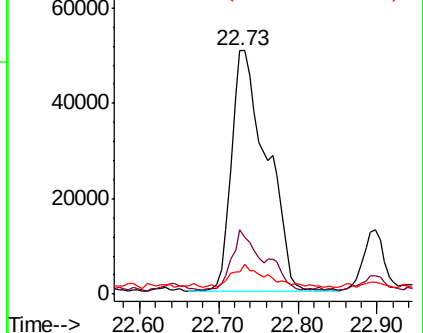
125 9.4 5.4 8.0#

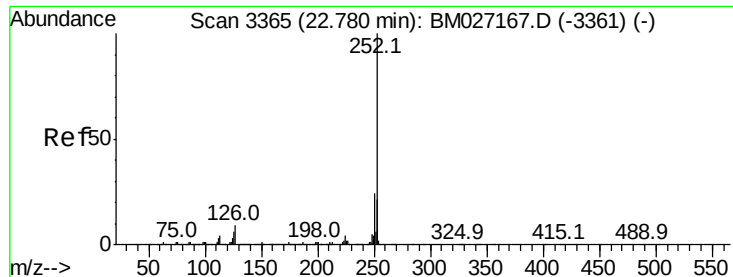


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 3.315 ng

RT: 22.73 min Scan# 3356

Delta R.T. -0.05 min

Lab File: BM027183.D

Acq: 21 Aug 2020 23:18

Instrument :

BNA_M

ClientSampleId :

COMP-3-(2-3)

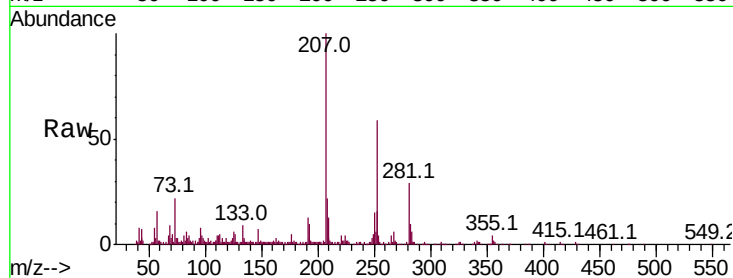
Tot Ion:252 Resp: 157062

Ion Ratio Lower Upper

252 100

253 26.7 17.4 26.0#

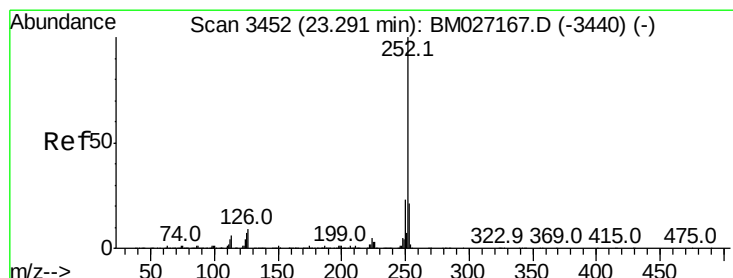
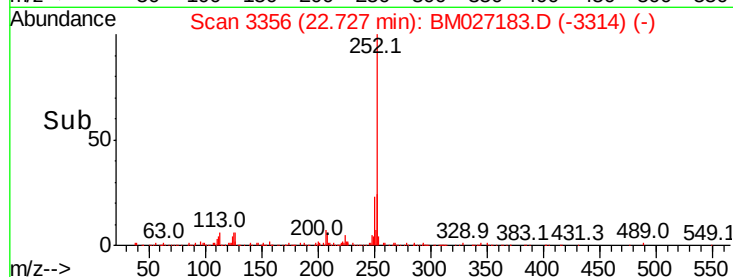
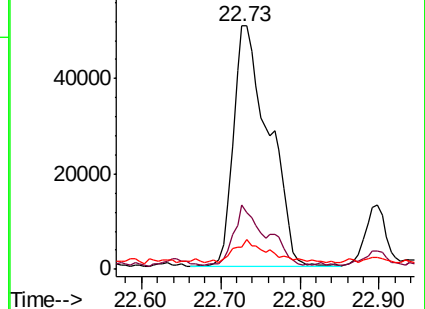
125 9.4 5.3 7.9#



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



#90

Benzo(a)pyrene

Concen: 2.093 ng

RT: 23.28 min Scan# 3450

Delta R.T. -0.01 min

Lab File: BM027183.D

Acq: 21 Aug 2020 23:18

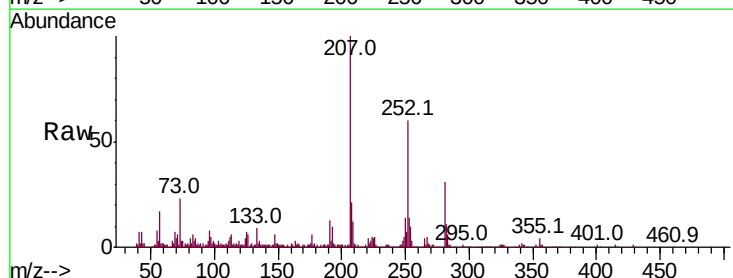
Tgt Ion:252 Resp: 92466

Ion Ratio Lower Upper

252 100

253 22.8 17.1 25.7

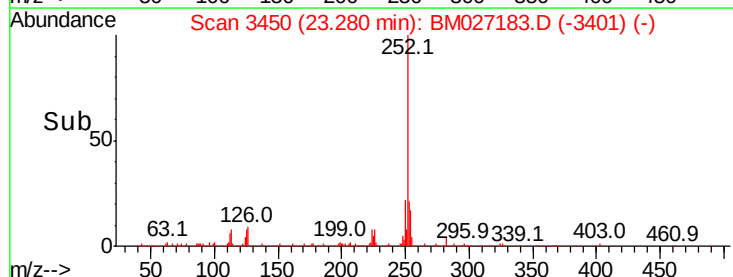
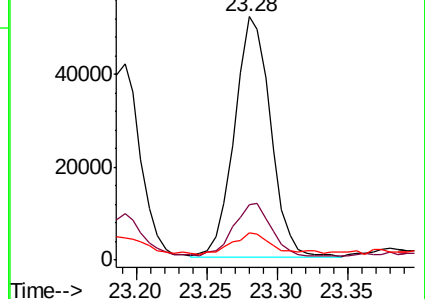
125 11.2 5.8 8.6#

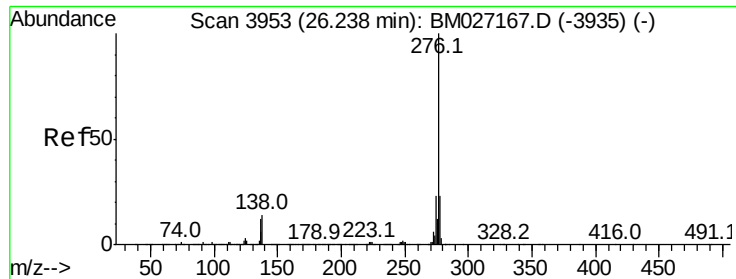


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Benzo(a,h,i)perylene

Concen: 2.742 ng

RT: 26.22 min Scan# 3950

Delta R.T. -0.02 min

Lab File: BM027183.D

Acq: 21 Aug 2020 23:18

Instrument :

BNA_M

ClientSampleId :

COMP-3-(2-3)

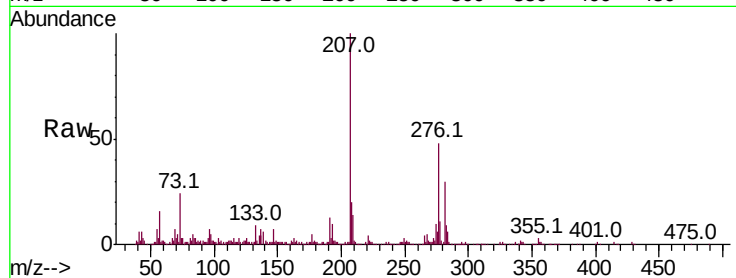
Tot Ion:276 Resp: 124871

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 12.4 11.4 17.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

