

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
 Data File : BM027192.D
 Acq On : 22 Aug 2020 04:43
 Operator : JU/CG
 Sample : L3720-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MP-081920-B9-0-2-COMP

Manual Integrations
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 8/24/2020 1:48:44 PM

Quant Time: Aug 22 07:40:44 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	141495	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	529272	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	346187	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	755782	20.00	ng	0.00
76) Chrysene-d12	21.19	240	804121	20.00	ng	0.00
86) Perylene-d12	23.37	264	848095	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	590068	81.30	ng	0.00
7) Phenol-d6	6.80	99	808017	81.08	ng	0.00
23) Nitrobenzene-d5	8.75	82	630405	49.14	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	364351	64.99	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	1236351	46.91	ng	0.00
79) Terphenyl-d14	19.63	244	1773307	41.20	ng	0.00
Target Compounds						
31) Naphthalene	10.43	128	66161	2.466	ng	97
50) Dimethylphthalate	13.71	163	237558	8.452	ng	99
52) Acenaphthene	14.31	154	65466	3.352	ng	98
71) Phenanthrene	17.03	178	1253354	29.831	ng	99
72) Anthracene	17.13	178	156681	3.901	ng	98
75) Fluoranthene	19.06	202	1608746	30.653	ng	98
78) Pyrene	19.42	202	1410740	28.832	ng	100
81) Benzo(a)anthracene	21.17	228	652166	12.516	ng	98
83) Chrysene	21.23	228	606027	11.975	ng	97
84) Bis(2-ethylhexyl)phthalate	21.13	149	159167	6.253	ng	98
87) Indeno(1,2,3-cd)pyrene	25.55	276	346042	5.213	ng	98
88) Benzo(b)fluoranthene	22.73	252	776796m	13.735	ng	
89) Benzo(k)fluoranthene	22.77	252	213593m	3.858	ng	
90) Benzo(a)pyrene	23.28	252	542404	10.506	ng	98
92) Benzo(a,h,i)perylene	26.22	276	340346	6.395	ng	97

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

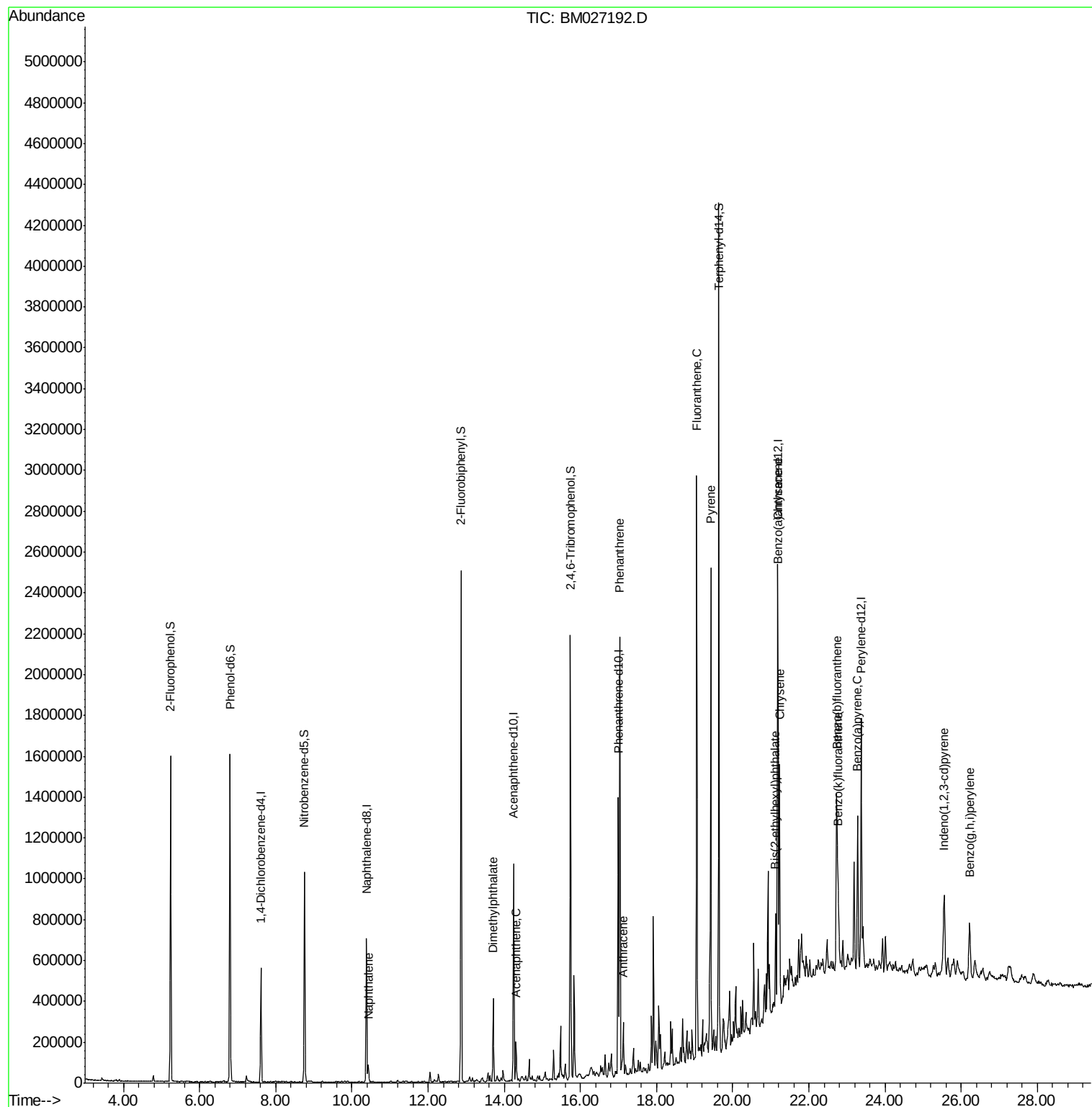
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082120\
Data File : BM027192.D
Acq On : 22 Aug 2020 04:43
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ALS Vial : 20 Sample Multiplier: 1

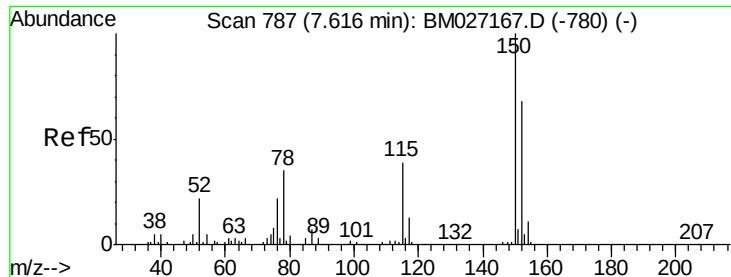
Instrument :
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MP-081920-B9-0-2-COMP

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
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#1

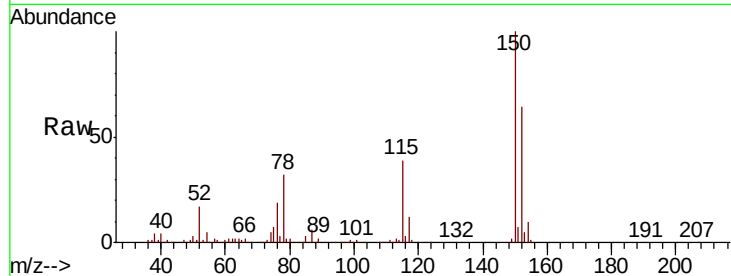
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM027192.D
Acq: 22 Aug 2020 04:43

Instrument :
BNA_M
ClientSampleId :
MP-081920-B9-0-2-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	118.2	177.4
115	60.2	46.1	69.1

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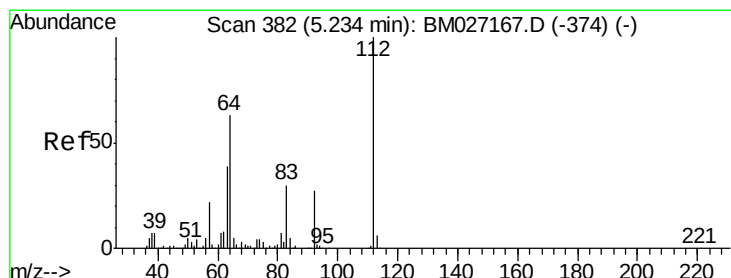
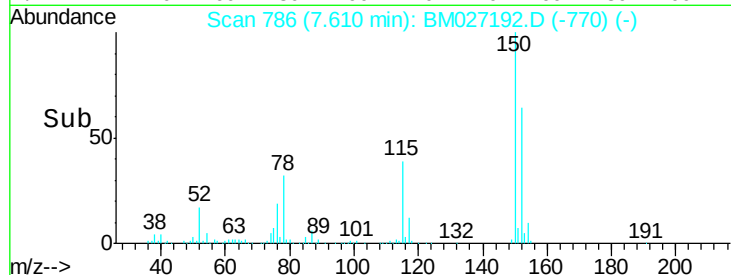
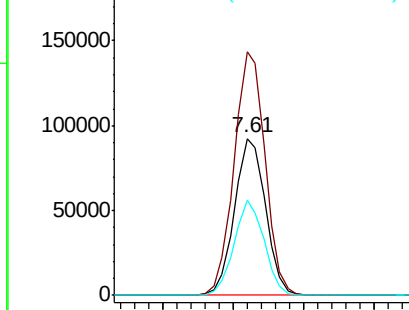


Abundance

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: 81.297 ng
RT: 5.23 min Scan# 382
Delta R.T. -0.00 min
Lab File: BM027192.D
Acq: 22 Aug 2020 04:43

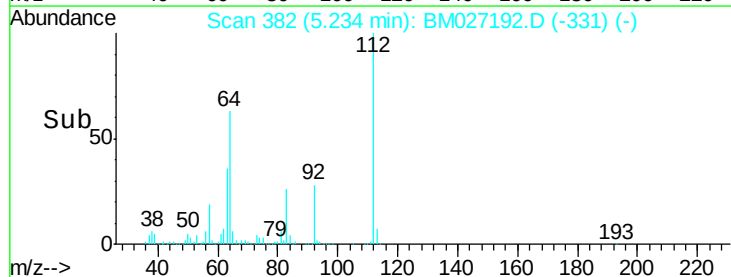
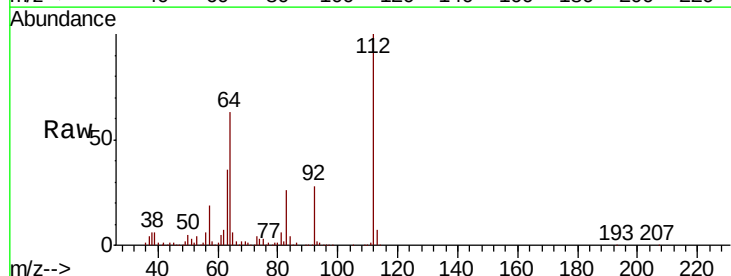
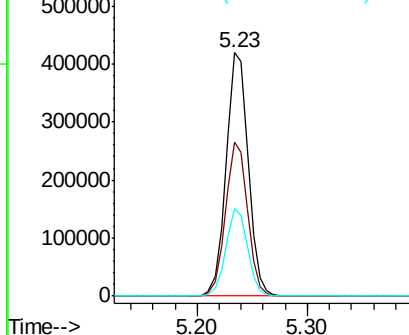
Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	50.0	75.0
63	35.7	31.6	47.4

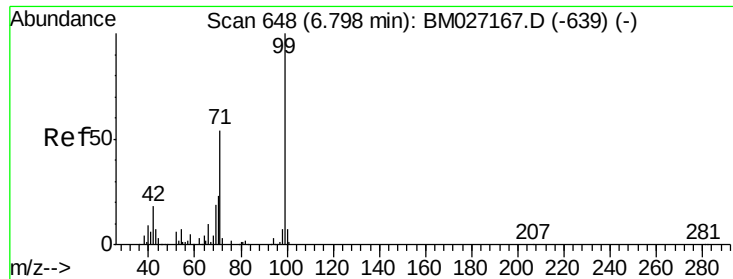
Abundance

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: 81.081 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.00 min

Lab File: BM027192.D

Acq: 22 Aug 2020 04:43

Instrument :

BNA_M

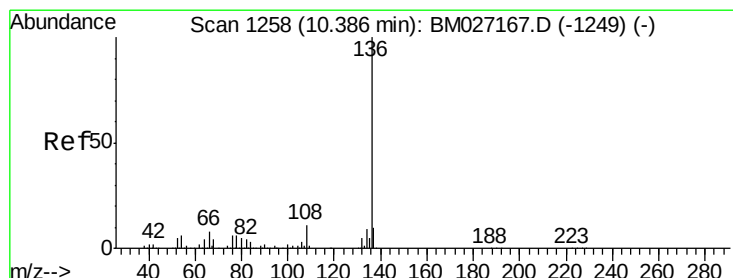
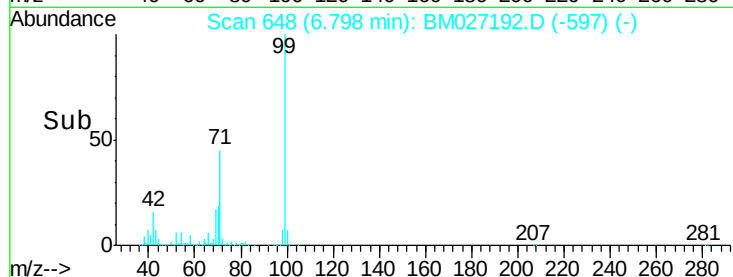
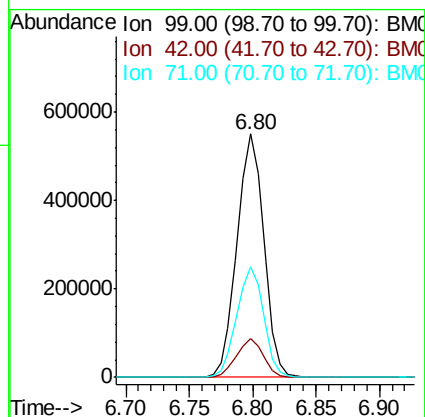
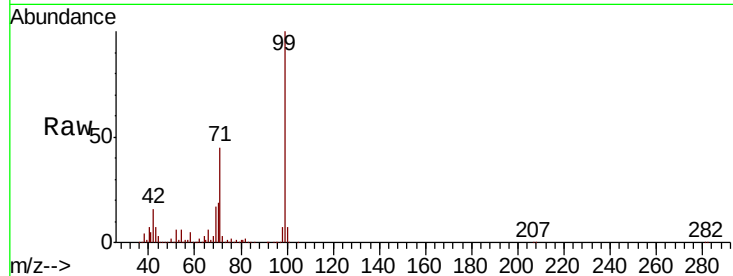
ClientSampleId :

MP-081920-B9-0-2-COMP

Tot Ion:	99	Resp:	808017
Ion Ratio		Lower	Upper
99	100		
42	16.1	14.5	21.7
71	45.2	43.0	64.4

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#21

Naphthalene-d8

Concen: 20.000 ng

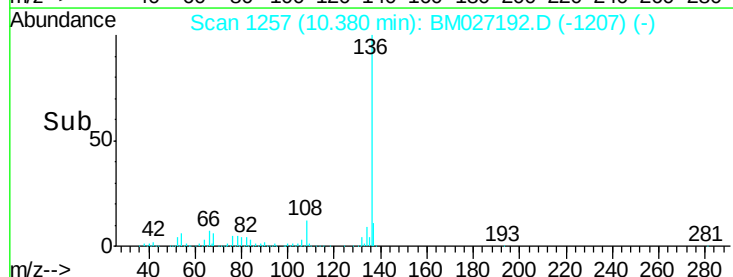
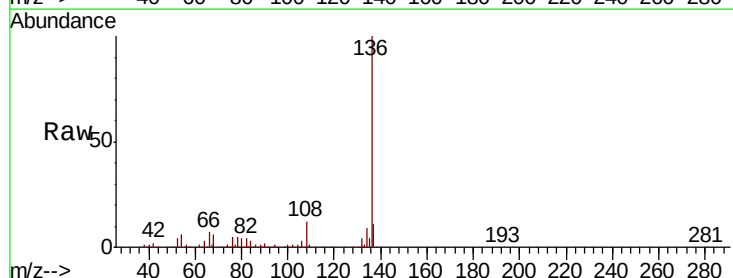
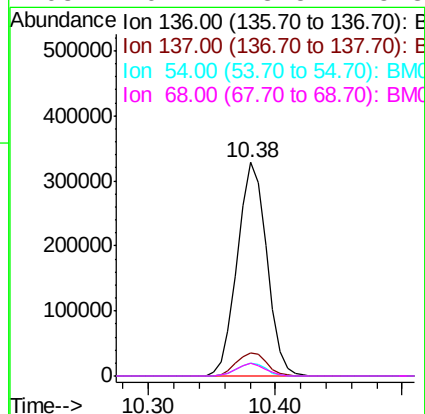
RT: 10.38 min Scan# 1257

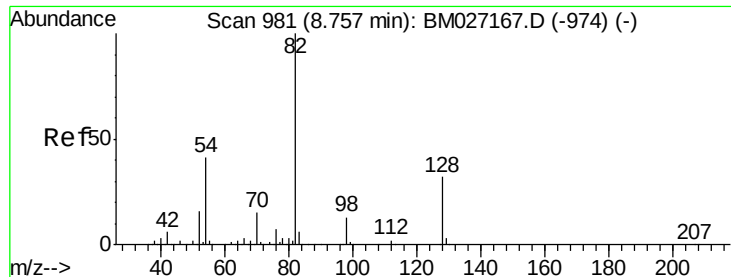
Delta R.T. -0.01 min

Lab File: BM027192.D

Acq: 22 Aug 2020 04:43

Tgt Ion:	136	Resp:	529272
Ion Ratio		Lower	Upper
136	100		
137	11.0	8.2	12.4
54	5.9	4.8	7.2
68	6.1	3.5	5.3#





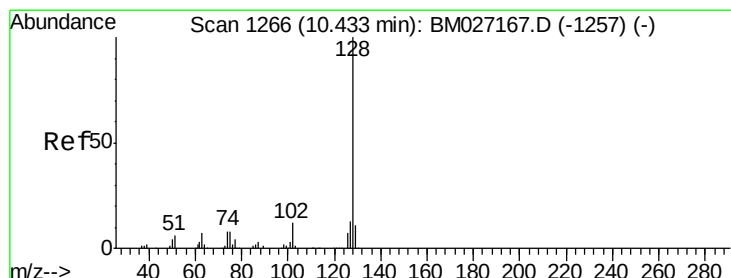
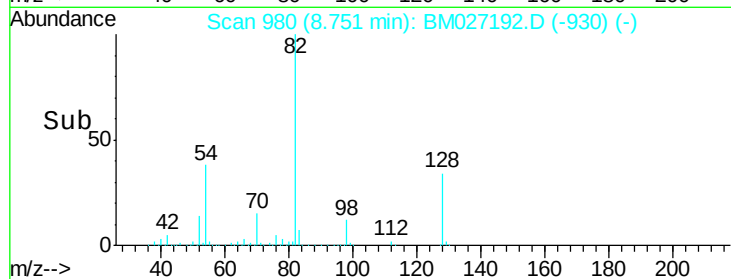
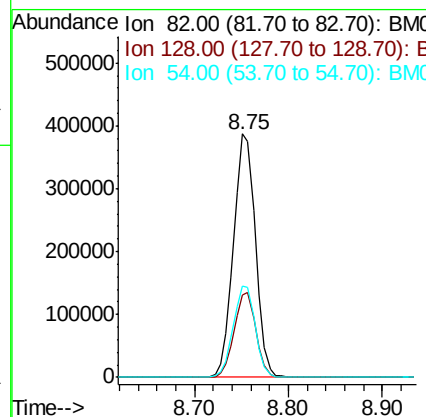
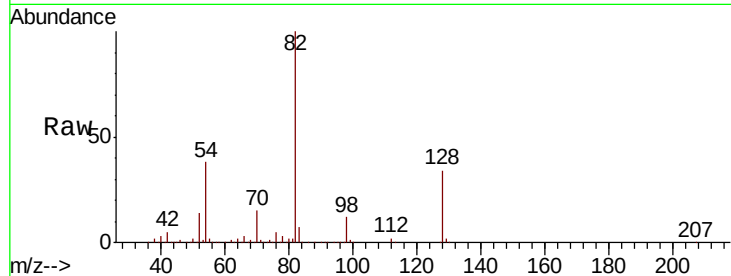
#23
Nitrobenzene-d5
Concen: 49.141 ng
RT: 8.75 min Scan# 980
Delta R.T. -0.01 min
Lab File: BM027192.D
Acq: 22 Aug 2020 04:43

Instrument :
BNA_M
ClientSampleId :
MP-081920-B9-0-2-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.6	25.7	38.5
54	37.6	33.0	49.4

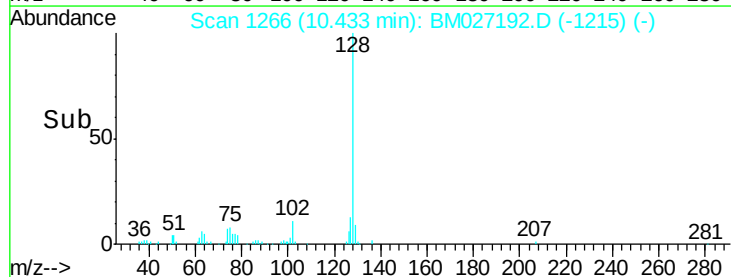
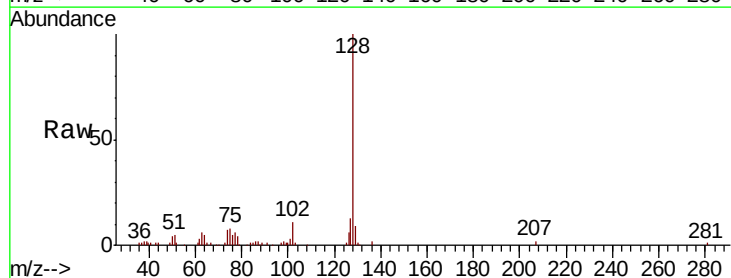
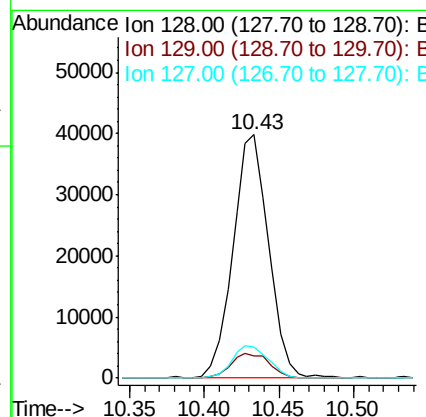
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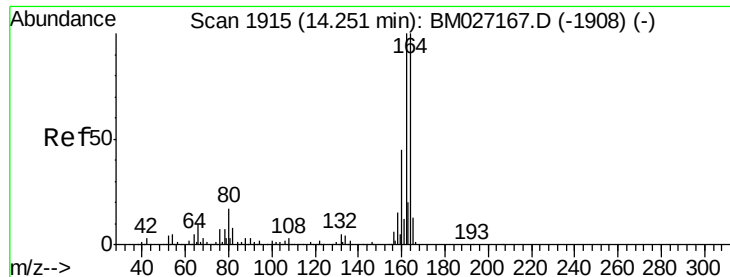
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#31
Naphthalene
Concen: 2.466 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BM027192.D
Acq: 22 Aug 2020 04:43

Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.1	9.0	13.4
127	13.0	10.7	16.1





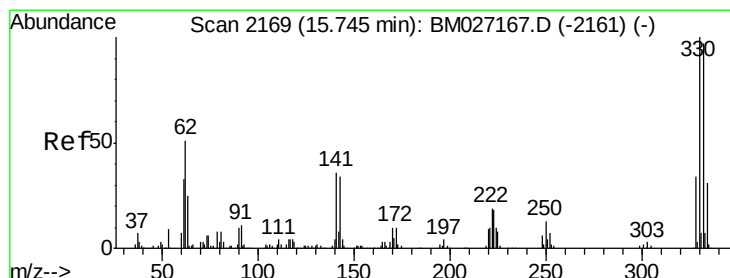
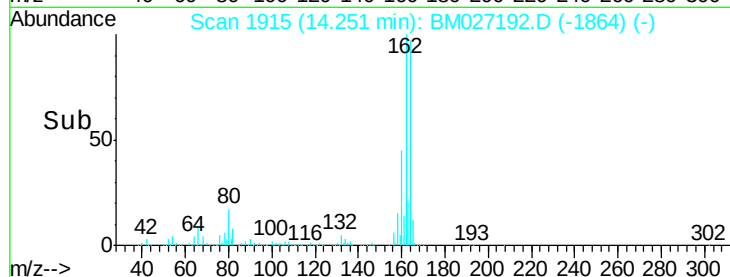
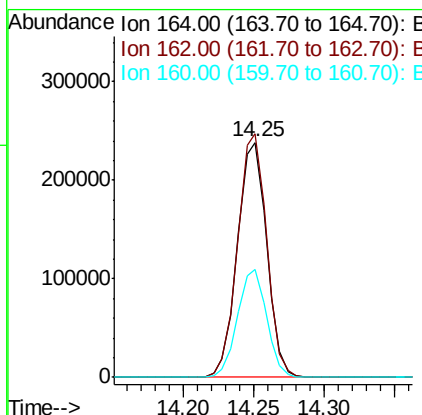
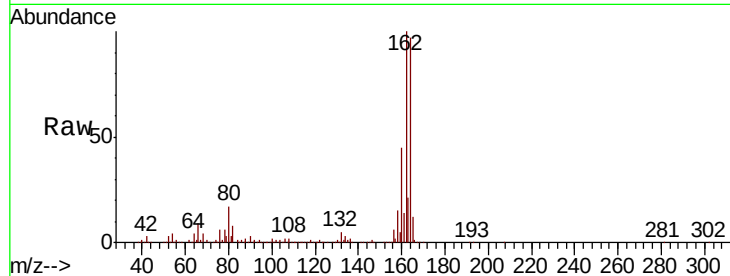
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.25 min Scan# 1915
Delta R.T. -0.00 min
Lab File: BM027192.D
Acq: 22 Aug 2020 04:43

Instrument :
BNA_M
ClientSampleId :
MP-081920-B9-0-2-COMP

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	80.2	120.4
160	46.2	36.3	54.5

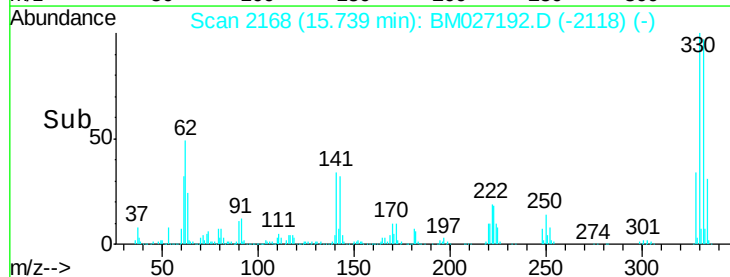
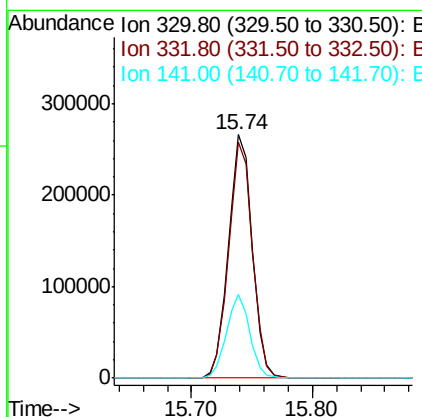
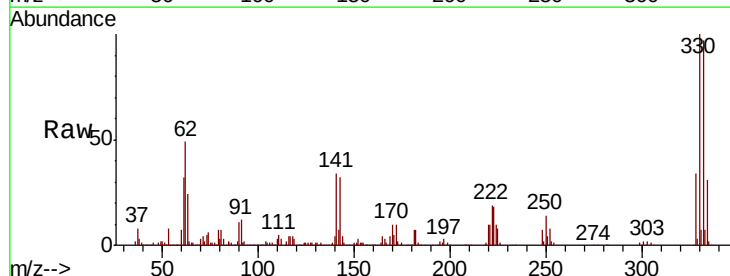
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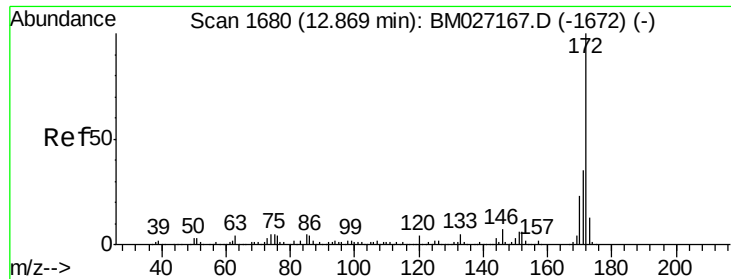
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#42
2,4,6-Tribromophenol
Concen: 64.994 ng
RT: 15.74 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BM027192.D
Acq: 22 Aug 2020 04:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.2	115.8
141	33.5	31.0	46.6





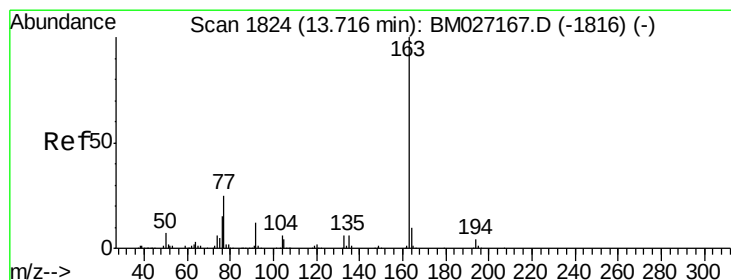
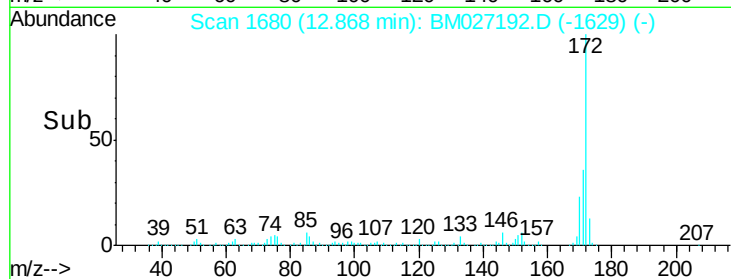
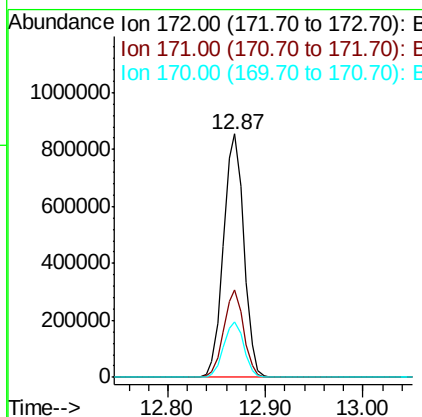
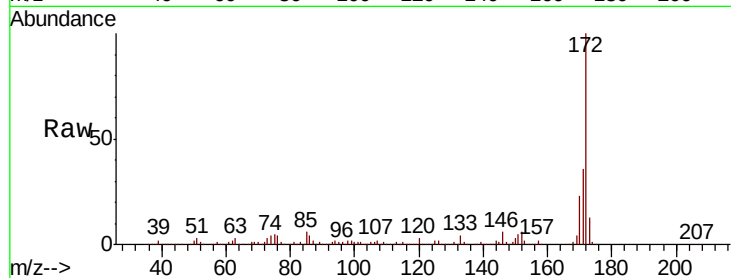
#45
2-Fluorobiphenyl
Concen: 46.914 ng
RT: 12.87 min Scan# 1680
Delta R.T. -0.00 min
Lab File: BM027192.D
Acq: 22 Aug 2020 04:43

Instrument :
BNA_M
ClientSampleId :
MP-081920-B9-0-2-COMP

Tot Ion:	172	Resp:	1236351
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.1	42.1
170	22.9	18.6	28.0

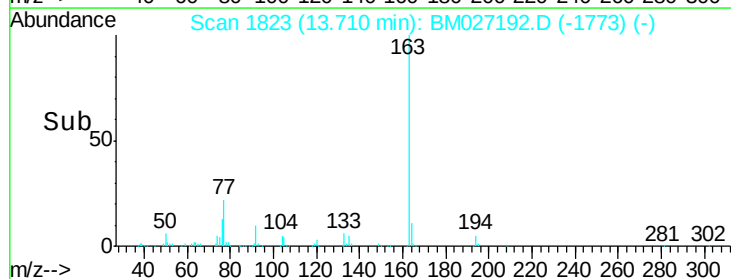
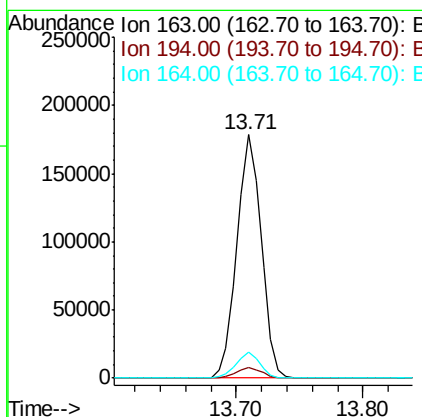
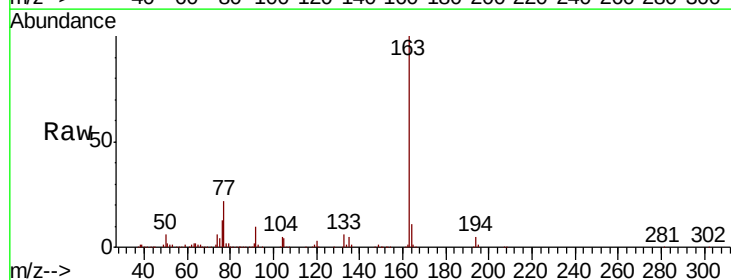
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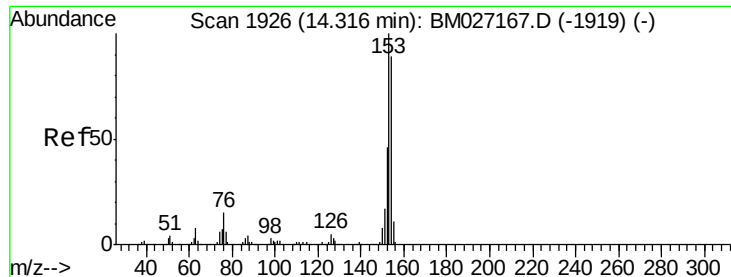
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#50
Dimethylphthalate
Concen: 8.452 ng
RT: 13.71 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BM027192.D
Acq: 22 Aug 2020 04:43

Tgt Ion:	163	Resp:	237558
Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.6	8.2	12.2





#52

Acenaphthene

Concen: 3.352 ng

RT: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM027192.D

Acq: 22 Aug 2020 04:43

Instrument :

BNA_M

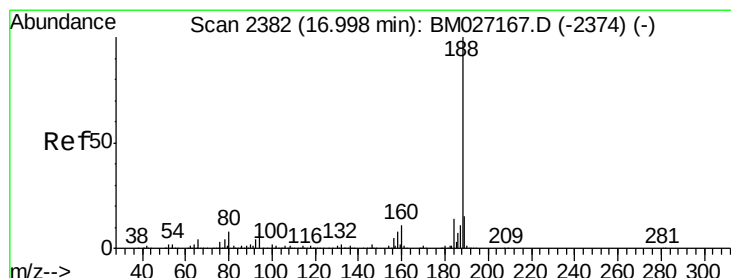
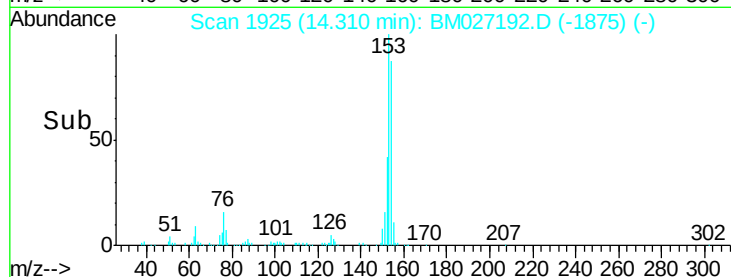
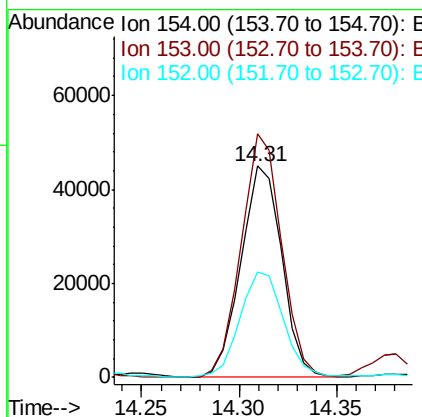
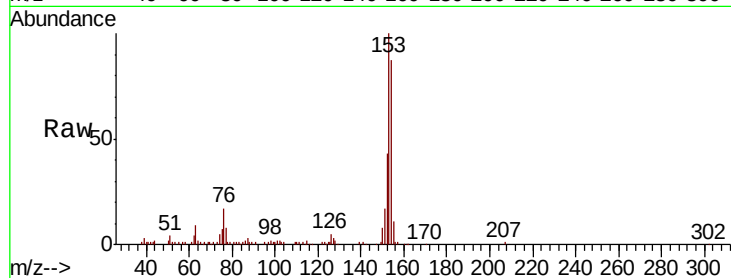
ClientSampleId :

MP-081920-B9-0-2-COMP

Tot Ion:	154	Resp:	65466
Ion	Ratio	Lower	Upper
154	100		
153	115.4	90.2	135.4
152	50.2	41.2	61.8

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#64

Phenanthrene-d10

Concen: 20.000 ng

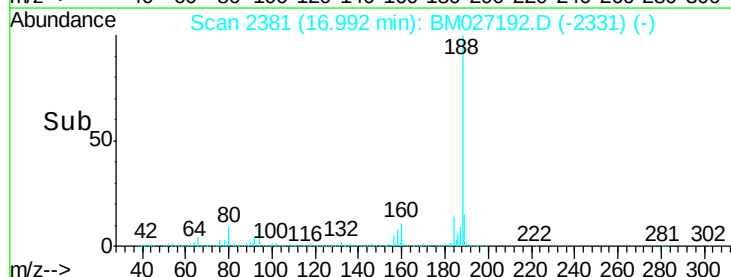
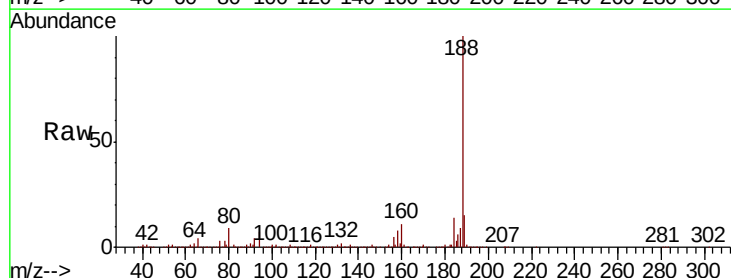
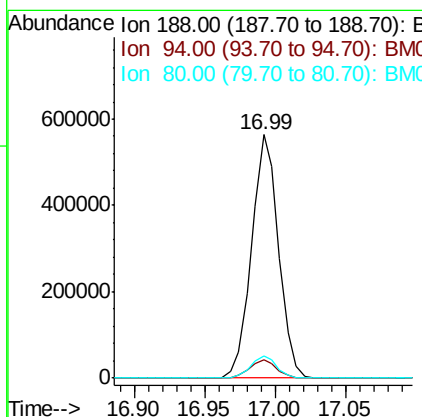
RT: 16.99 min Scan# 2381

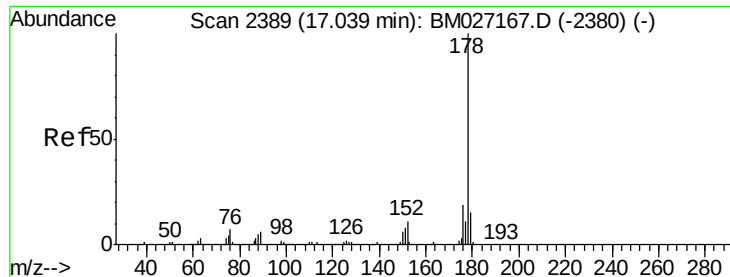
Delta R.T. -0.01 min

Lab File: BM027192.D

Acq: 22 Aug 2020 04:43

Tgt Ion:	188	Resp:	755782
Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.5	8.3
80	9.0	6.2	9.4





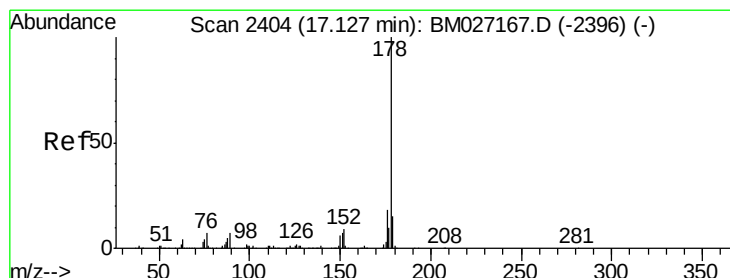
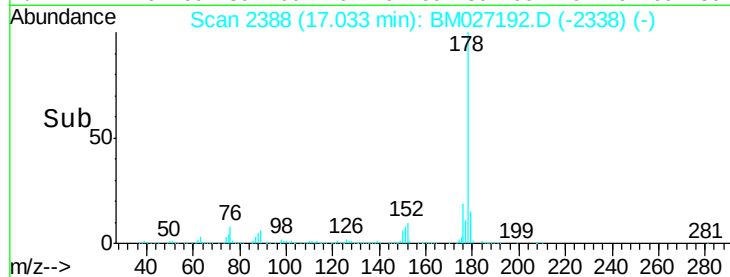
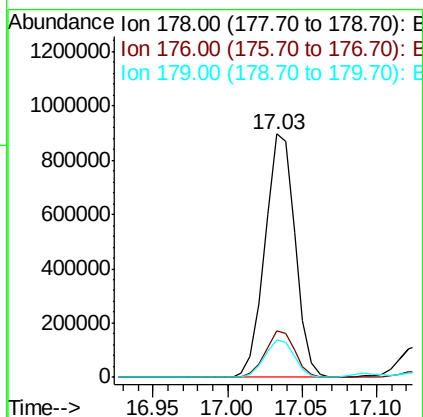
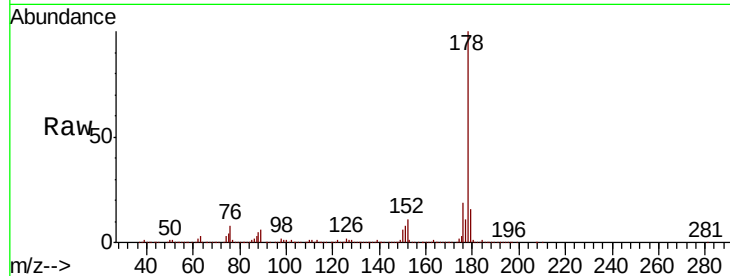
#71
Phenanthrene
Concen: 29.831 ng
RT: 17.03 min Scan# 2388
Delta R.T. -0.01 min
Lab File: BM027192.D
Acq: 22 Aug 2020 04:43

Instrument :
BNA_M
ClientSampleId :
MP-081920-B9-0-2-COMP

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	18.9	15.0	22.6	
179	15.5	12.0	18.0	

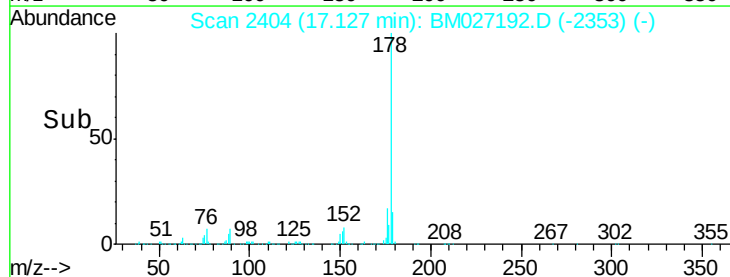
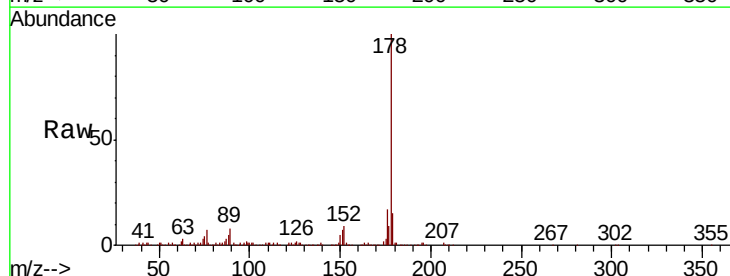
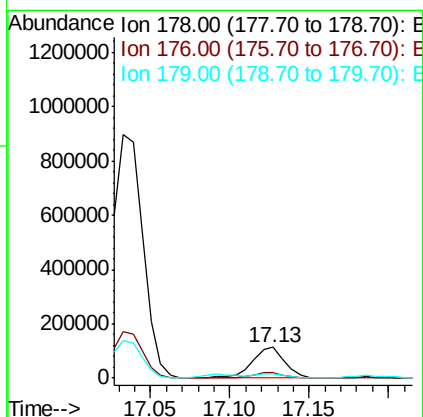
Manual Integrations
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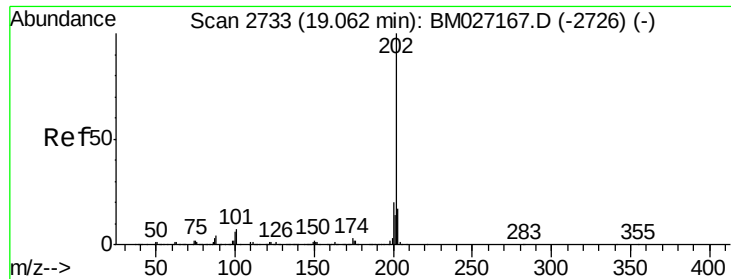
Sohil
8/24/2020 1:48:44 PM



#72
Anthracene
Concen: 3.901 ng
RT: 17.13 min Scan# 2404
Delta R.T. -0.00 min
Lab File: BM027192.D
Acq: 22 Aug 2020 04:43

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
176	17.0	14.7	22.1	
179	15.4	11.9	17.9	





#75

Fluoranthene

Concen: 30.653 ng

RT: 19.06 min Scan# 2732

Delta R.T. -0.01 min

Lab File: BM027192.D

Acq: 22 Aug 2020 04:43

Instrument :

BNA_M

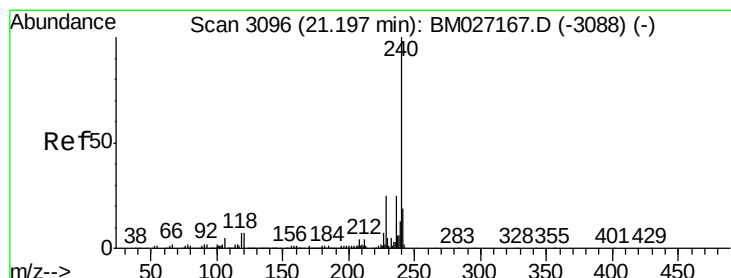
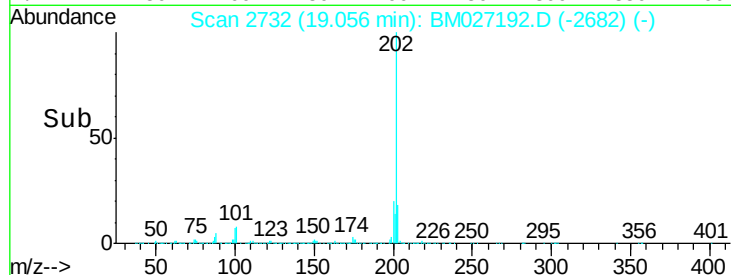
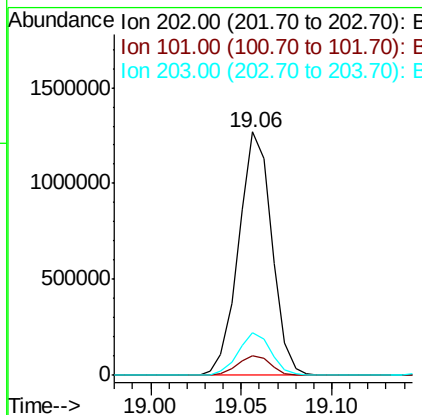
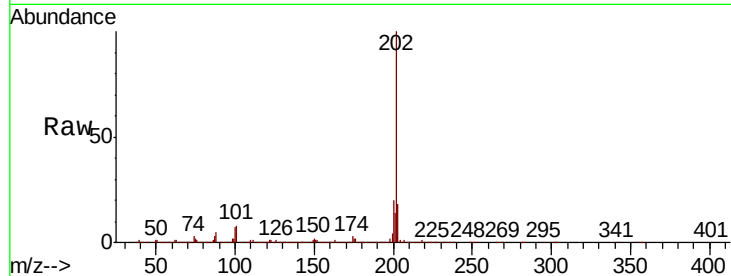
ClientSampleId :

MP-081920-B9-0-2-COMP

Tot Ion:	202	Resp:	1608746
Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	27.2
203	17.7	0.0	37.1

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#76

Chrysene-d12

Concen: 20.000 ng

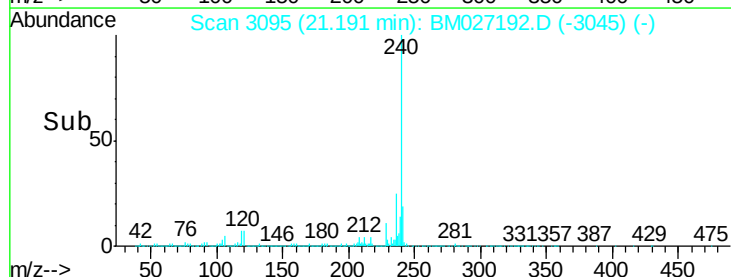
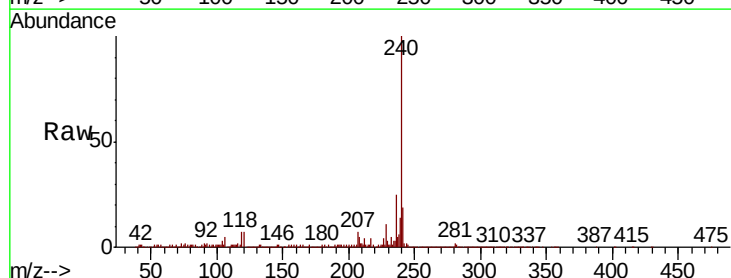
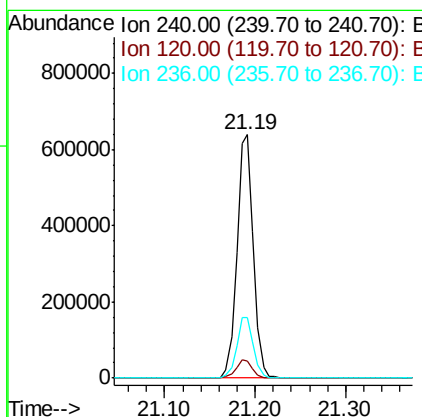
RT: 21.19 min Scan# 3095

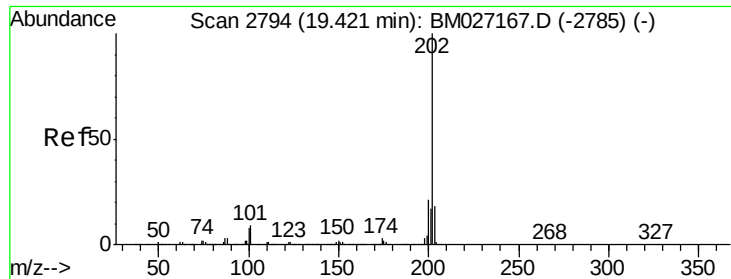
Delta R.T. -0.01 min

Lab File: BM027192.D

Acq: 22 Aug 2020 04:43

Tgt Ion:	240	Resp:	804121
Ion	Ratio	Lower	Upper
240	100		
120	7.0	5.6	8.4
236	24.8	19.8	29.6





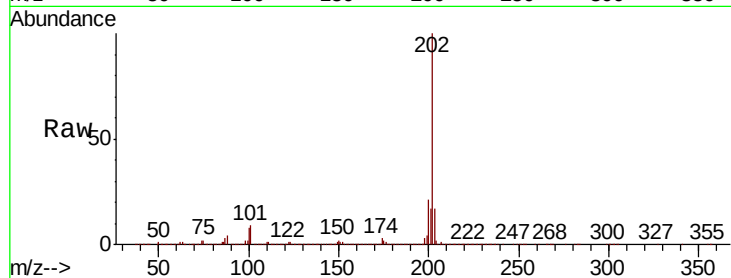
#78
Pvrene
Concen: 28.832 ng
RT: 19.42 min Scan# 2794
Delta R.T. -0.00 min
Lab File: BM027192.D
Acq: 22 Aug 2020 04:43

Instrument :
BNA_M
ClientSampleId :
MP-081920-B9-0-2-COMP

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	17.3	14.0	21.0

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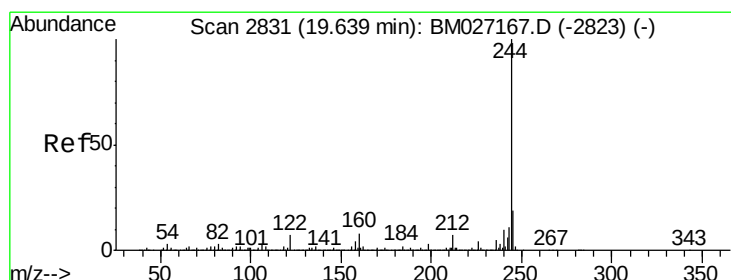
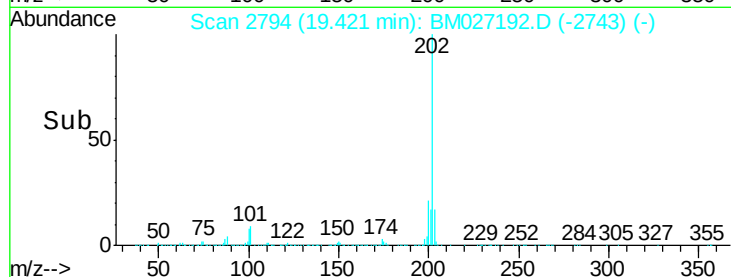
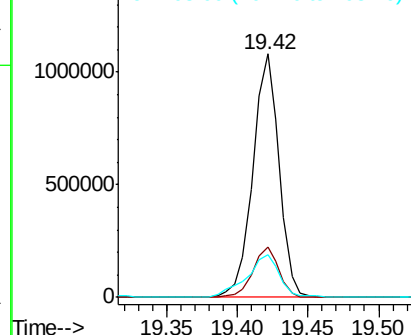


Abundance

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: 41.196 ng
RT: 19.63 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BM027192.D
Acq: 22 Aug 2020 04:43

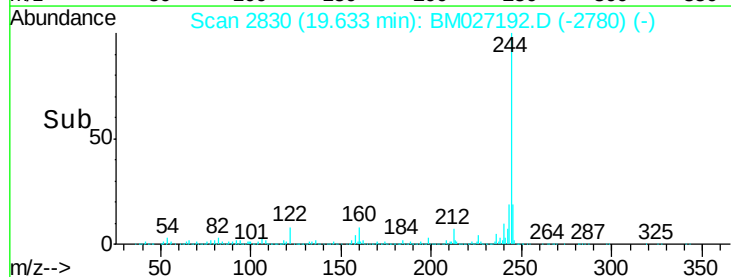
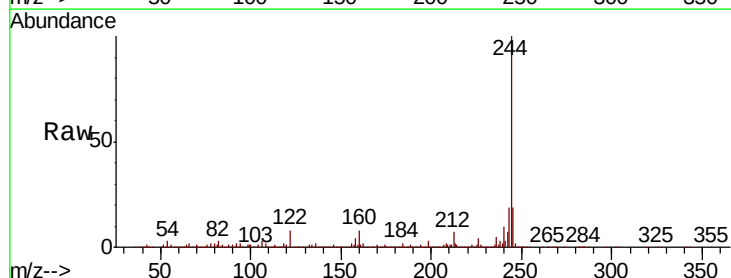
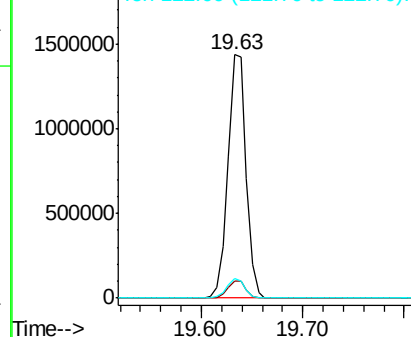
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	8.0	5.8	8.8

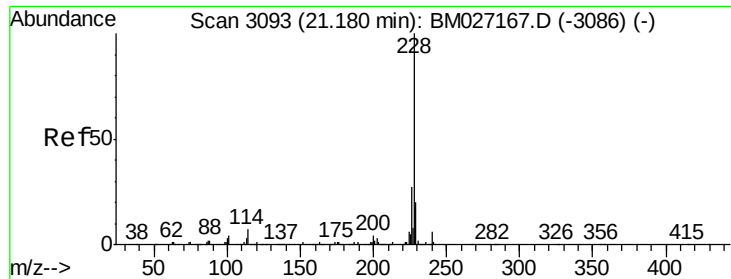
Abundance

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: 12.516 ng

RT: 21.17 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM027192.D

Acq: 22 Aug 2020 04:43

Instrument :

BNA_M

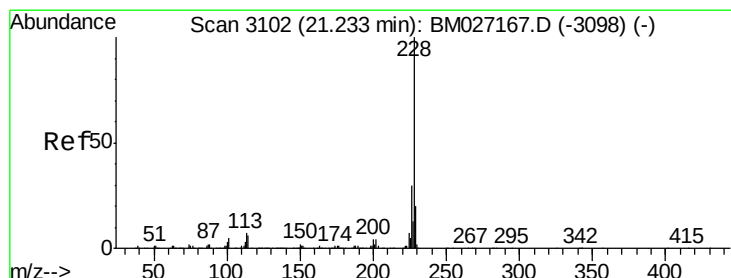
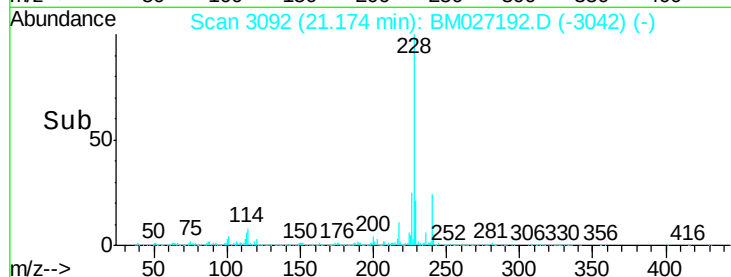
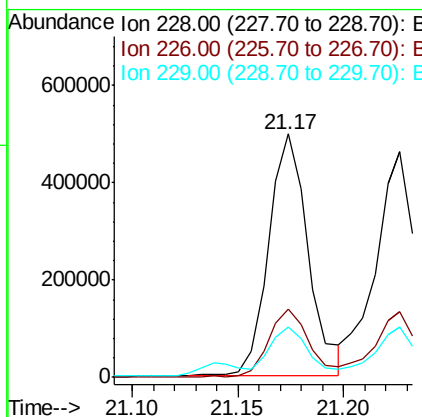
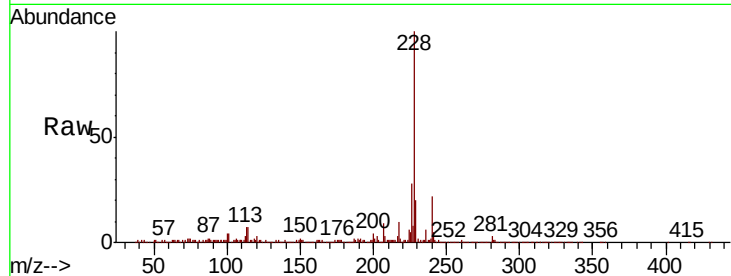
ClientSampleId :

MP-081920-B9-0-2-COMP

Tot Ion:	228	Resp:	652166
Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.4	32.2
229	20.5	15.8	23.6

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#83

Chrysene

Concen: 11.975 ng

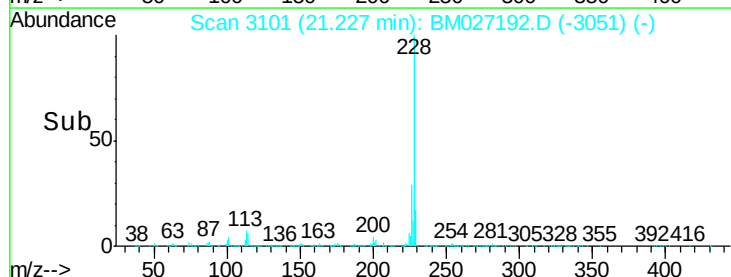
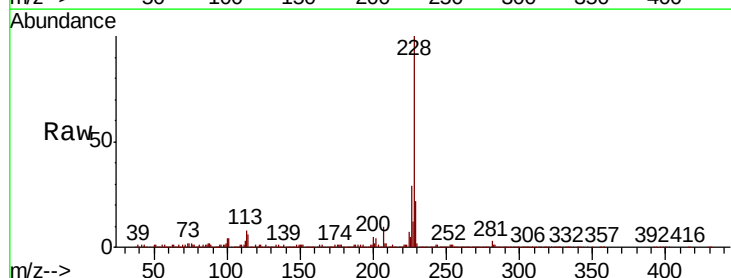
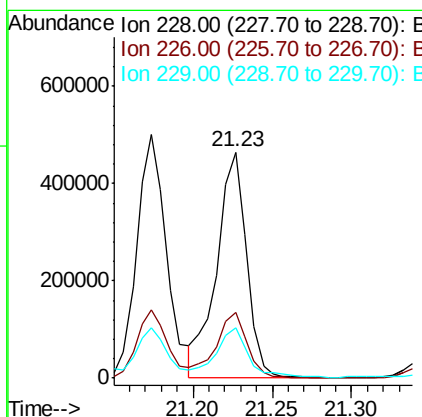
RT: 21.23 min Scan# 3101

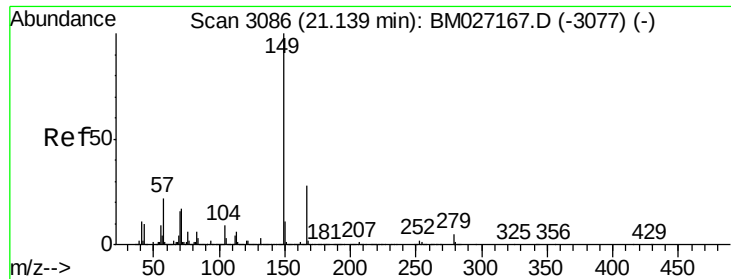
Delta R.T. -0.01 min

Lab File: BM027192.D

Acq: 22 Aug 2020 04:43

Tgt Ion:	228	Resp:	606027
Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.7	35.5
229	22.2	15.8	23.8





#84

Bis(2-ethylhexyl)phthalate

Concen: 6.253 ng

RT: 21.13 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BM027192.D

Acq: 22 Aug 2020 04:43

Instrument :

BNA_M

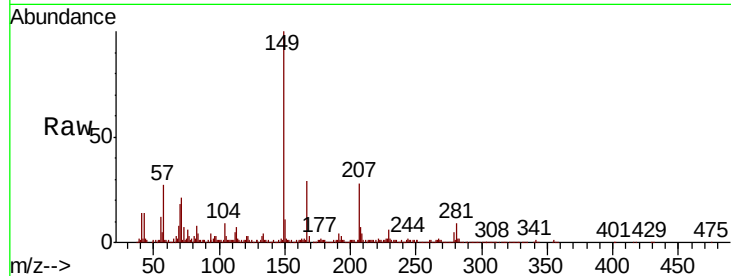
ClientSampleId :

MP-081920-B9-0-2-COMP

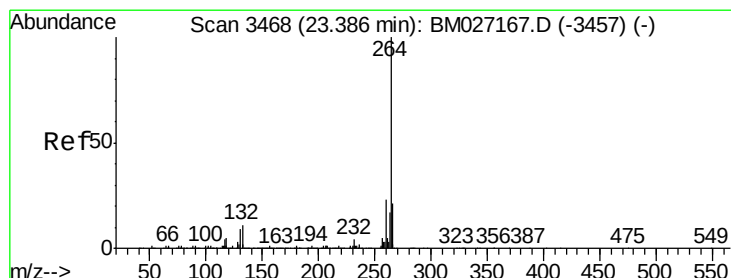
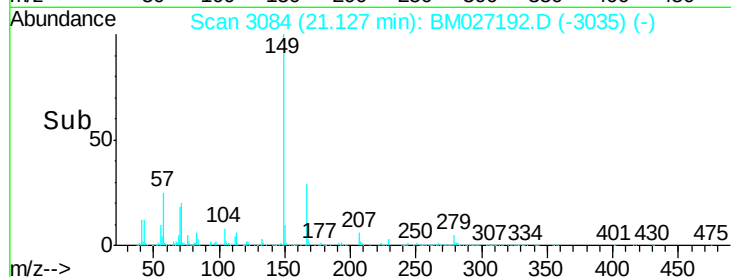
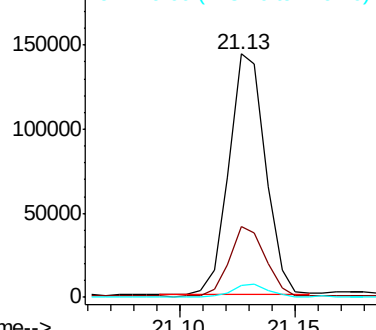
Tot Ion:	149	Resp:	159167
Ion Ratio	Lower	Upper	
149	100		
167	28.9	22.2	33.2
279	5.0	4.2	6.4

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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

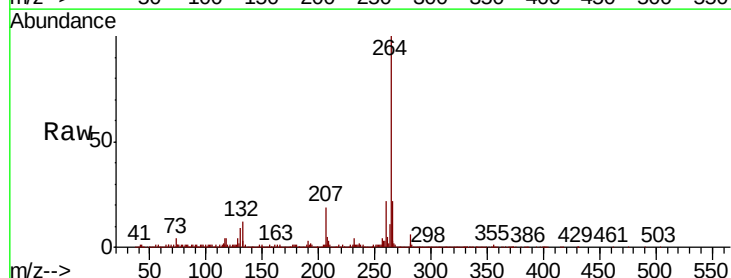
RT: 23.37 min Scan# 3466

Delta R.T. -0.01 min

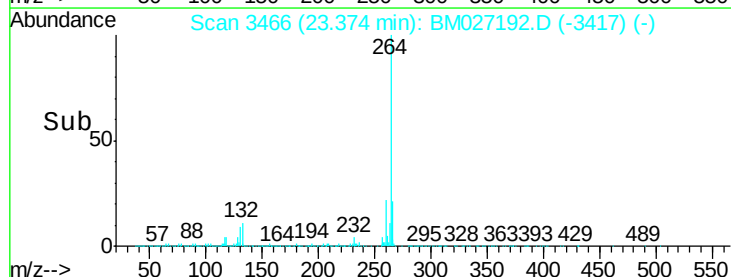
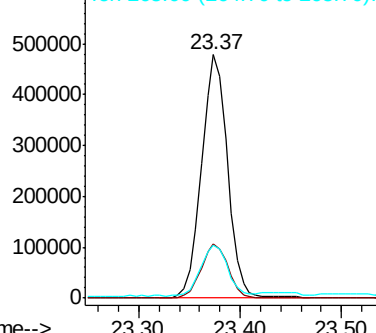
Lab File: BM027192.D

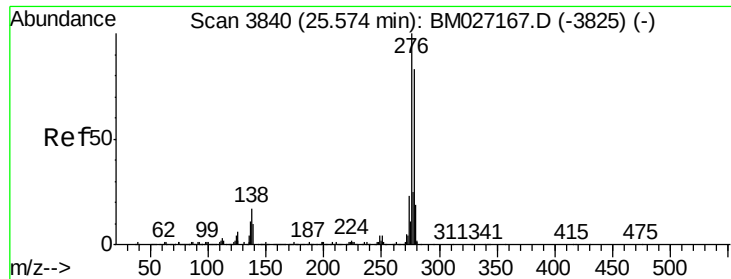
Acq: 22 Aug 2020 04:43

Tgt Ion:	264	Resp:	848095
Ion Ratio	Lower	Upper	
264	100		
260	22.4	18.8	28.2
265	21.8	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





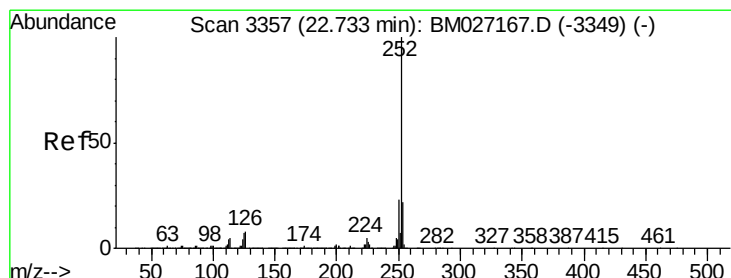
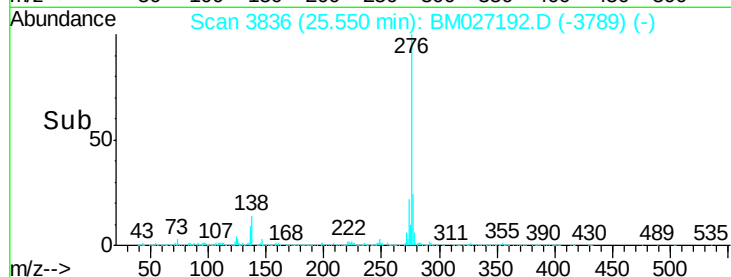
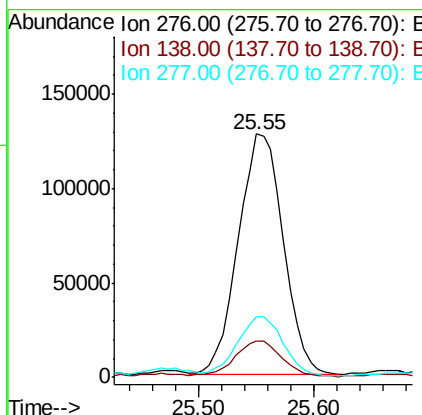
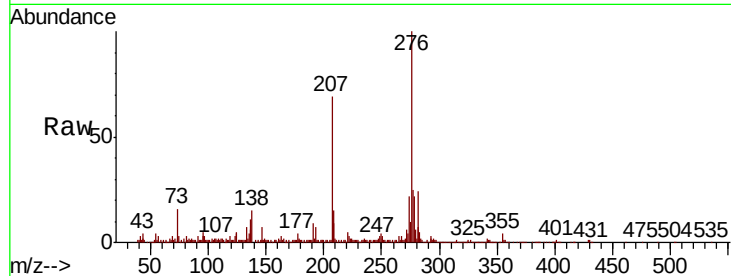
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 5.213 ng
 RT: 25.55 min Scan# 3836
 Delta R.T. -0.02 min
 Lab File: BM027192.D
 Acq: 22 Aug 2020 04:43

Instrument :
 BNA_M
 ClientSampleId :
 MP-081920-B9-0-2-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.9	13.3	19.9
277	24.9	20.0	30.0

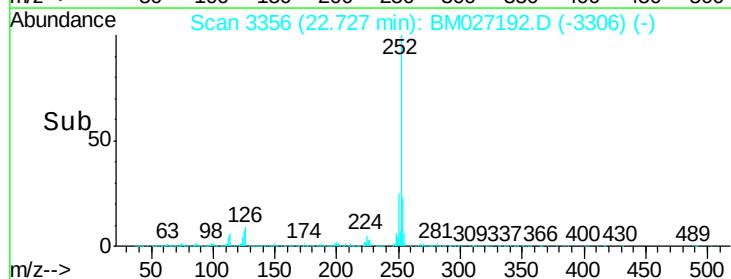
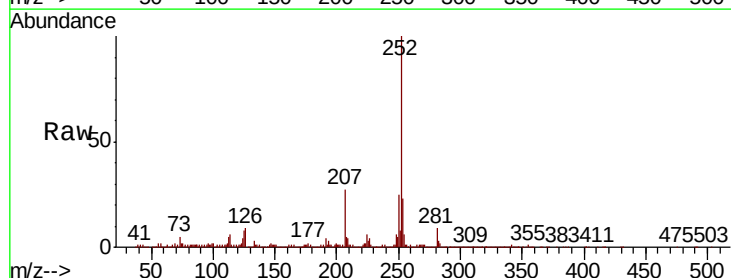
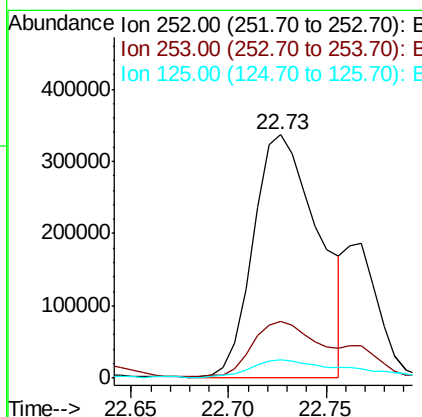
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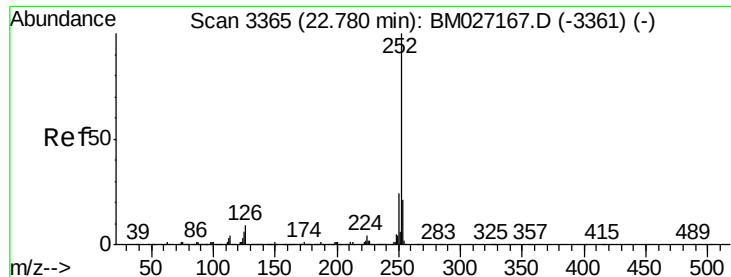
Sohil
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#88
 Benzo(b)fluoranthene
 Concen: 13.735 ng m
 RT: 22.73 min Scan# 3356
 Delta R.T. -0.01 min
 Lab File: BM027192.D
 Acq: 22 Aug 2020 04:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.7	26.5
125	7.6	5.4	8.0





#89

Benzo(k)fluoranthene

Concen: 3.858 ng

RT: 22.77 min Scan# 3363

Delta R.T. -0.01 min

Lab File: BM027192.D

Acq: 22 Aug 2020 04:43

Instrument :

BNA_M

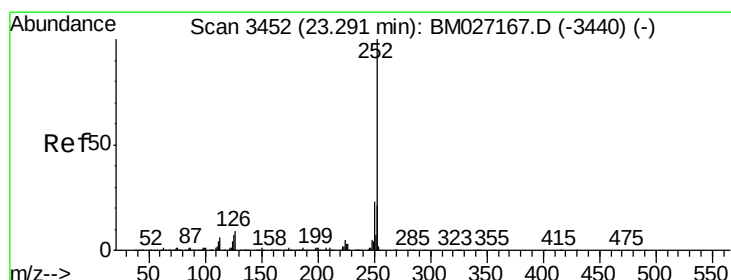
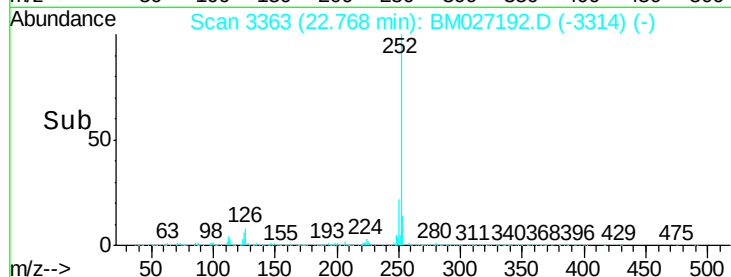
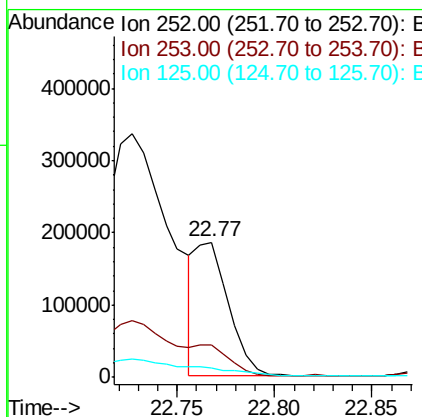
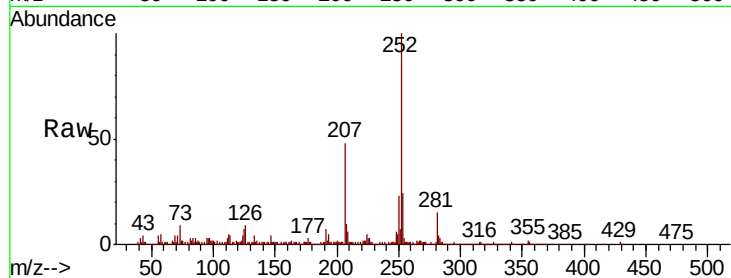
ClientSampleId :

MP-081920-B9-0-2-COMP

Tot Ion:	252	Resp:	213593
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.4	26.0
125	7.1	5.3	7.9

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#90

Benzo(a)pyrene

Concen: 10.506 ng

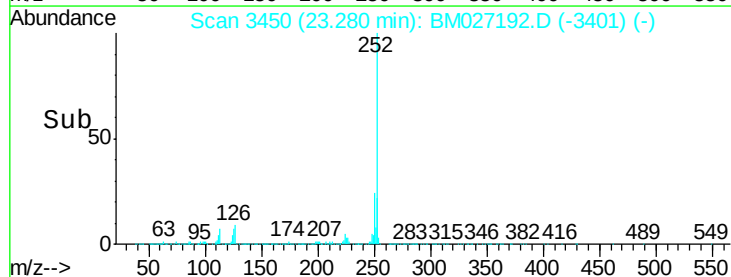
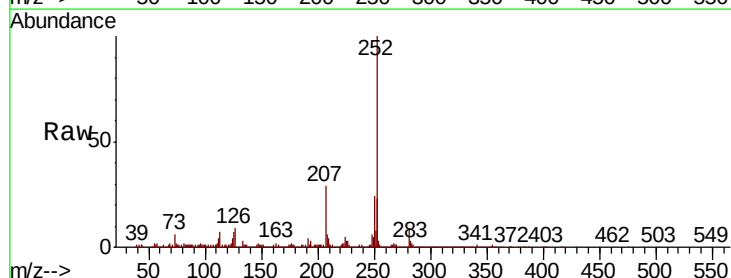
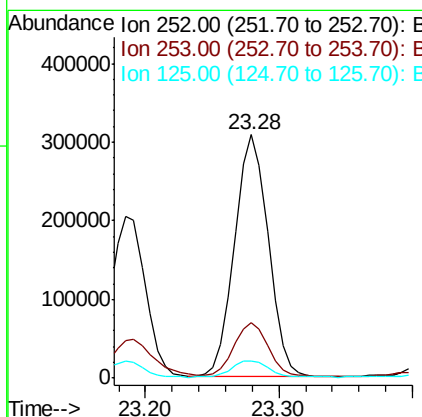
RT: 23.28 min Scan# 3450

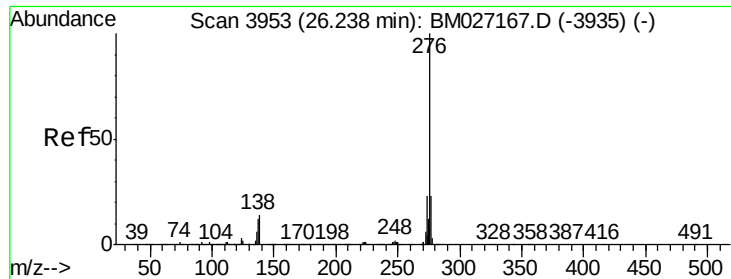
Delta R.T. -0.01 min

Lab File: BM027192.D

Acq: 22 Aug 2020 04:43

Tgt Ion:	252	Resp:	542404
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.1	25.7
125	7.1	5.8	8.6





#92
 Benzo(a,h,i)perylene
 Concen: 6.395 ng
 RT: 26.22 min Scan# 3950
 Delta R.T. -0.02 min
 Lab File: BM027192.D
 Acq: 22 Aug 2020 04:43

Instrument :
 BNA_M
 ClientSampleId :
 MP-081920-B9-0-2-COMP

Tot Ion:	276	Resp:	340346
Ion Ratio	Lower	Upper	
276	100		
277	24.3	18.6	28.0
138	15.7	11.4	17.0

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