

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
 Data File : BM029930.D
 Acq On : 11 May 2021 06:59
 Operator : CG/JU
 Sample : M2177-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BG584

Manual Integrations
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 5/11/2021 2:33:51 PM

Quant Time: May 11 08:10:40 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 11 05:09:24 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	152198	20.00	ng/ul	0.00
20) Naphthalene-d8	10.32	136	673543	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.20	164	429257	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.94	188	861135	20.00	ng/ul	0.00
79) Chrysene-d12	21.13	240	774592	20.00	ng/ul	0.00
88) Perylene-d12	23.29	264	690899	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	9372	2.46	ng/uL	0.00
4) Pyridine-d5	3.52	84	41807m	4.38	ng/ul	0.04
7) Phenol-d5	6.74	99	193792	13.69	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.90	67	136578	15.56	ng/ul	0.00
11) 2-Chlorophenol-d4	7.09	132	169514	15.52	ng/ul	0.00
15) 4-Methylphenol-d8	8.27	113	155357	13.27	ng/ul	0.00
21) Nitrobenzene-d5	8.71	128	80766	17.40	ng/ul	0.00
24) 2-Nitrophenol-d4	9.42	143	86013	16.42	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.96	165	156093	14.86	ng/ul	0.00
31) 4-Chloroaniline-d4	10.48	131	124597	7.79	ng/ul	0.00
46) Dimethylphthalate-d6	13.62	166	547719	16.46	ng/ul	0.00
49) Acenaphthylene-d8	13.89	160	708609	16.81	ng/ul	0.00
54) 4-Nitrophenol-d4	14.44	143	29510	5.45	ng/ul	0.02
60) Fluorene-d10	15.19	176	503700	17.83	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.33	200	26873	4.80	ng/ul	0.00
73) Anthracene-d10	17.04	188	782408	18.04	ng/ul	0.00
81) Pyrene-d10	19.34	212	858349	21.60	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.16	264	677549	17.30	ng/ul	0.00

Target Compounds

					Ovalue
8) Phenol	6.76	94	20127	1.393 ng/ul#	84
16) Acetophenone	8.38	105	26616	1.417 ng/ul	97
30) Naphthalene	10.37	128	382111	10.221 ng/ul	99
36) 2-Methylnaphthalene	12.00	142	73094	2.695 ng/ul	97
37) 1-Methylnaphthalene	12.22	142	39861	1.483 ng/ul#	93
47) Dimethylphthalate	13.66	163	34447	1.034 ng/ul	96
52) Acenaphthene	14.26	153	183971	6.383 ng/ul	98
56) Dibenzofuran	14.60	168	226553	5.739 ng/ul	94
61) Fluorene	15.25	166	180115	5.337 ng/ul	97
72) Phenanthrene	16.99	178	2486002	48.960 ng/ul	99
74) Anthracene	17.07	178	274555	5.289 ng/ul	97
77) Carbazole	17.35	167	228161	4.797 ng/ul	97
80) Fluoranthene	19.01	202	2797200	57.841 ng/ul	97
82) Pyrene	19.37	202	2189271	43.017 ng/ul	99
83) Butylbenzylphthalate	20.28	149	27048	1.495 ng/ul#	66
85) Benzo(a)anthracene	21.12	228	979352	19.379 ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.06	149	1230132	39.446 ng/ul	99
87) Chrysene	21.17	228	1081206	21.480 ng/ul	97
90) Benzo(b)fluoranthene	22.65	252	1148635	25.630 ng/ul#	90
91) Benzo(k)fluoranthene	22.69	252	349039m	7.408 ng/ul	
93) Benzo(a)pyrene	23.20	252	667019	16.388 ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	25.44	276	419868	8.523 ng/ul	97

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Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 05:09:24 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Dibenzo(a,h)anthracene	25.44	278	121495	2.909	ng/ul#	79
96) Benzo(g,h,i)perylene	26.10	276	371298	9.302	ng/ul	96

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

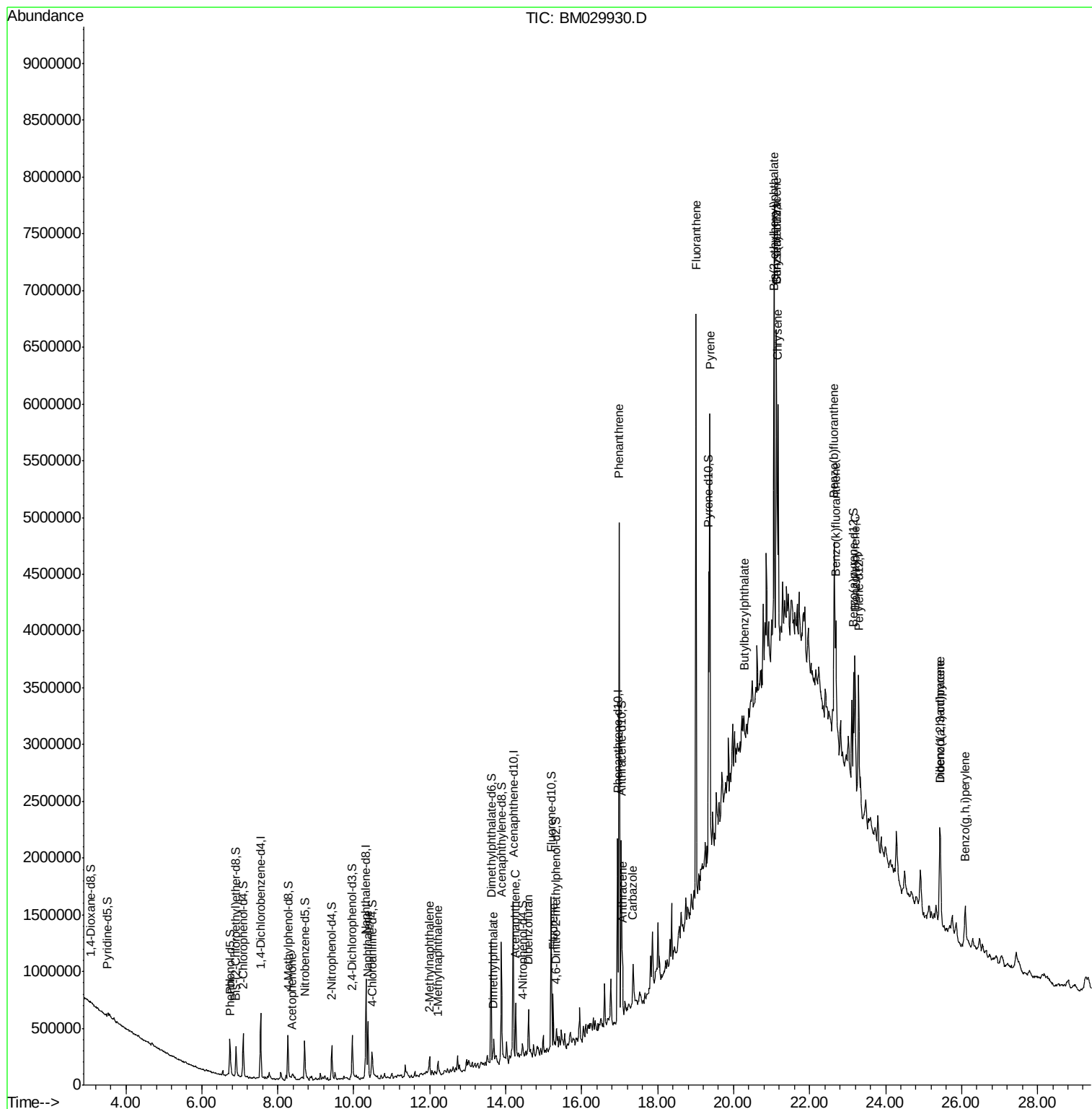
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029930.D
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Operator : CG/JU
Sample : M2177-07
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ALS Vial : 29 Sample Multiplier: 1

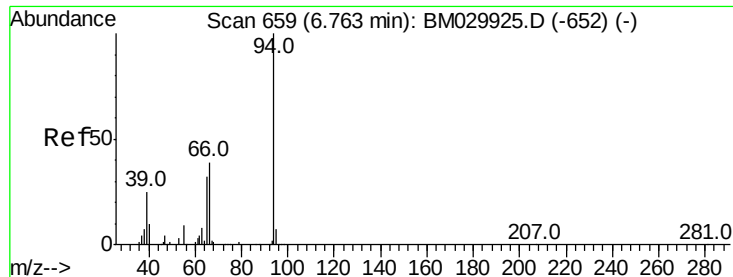
Instrument :
BNA_M
ClientSampled :
BG584

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Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 05:09:24 2021
Response via : Initial Calibration





#8

Phenol

Concen: 1.393 ng/ul

RT: 6.76 min Scan# 659

Delta R.T. 0.00 min

Lab File: BM029930.D

Acq: 11 May 2021 06:59

Instrument :

BNA_M

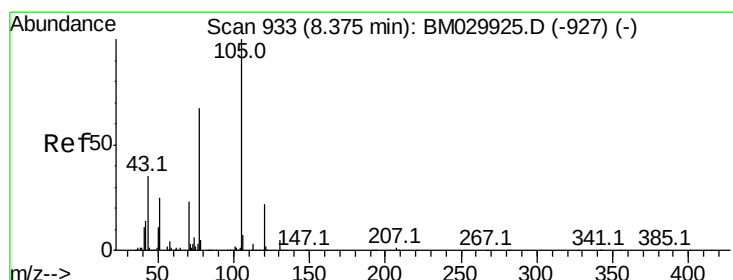
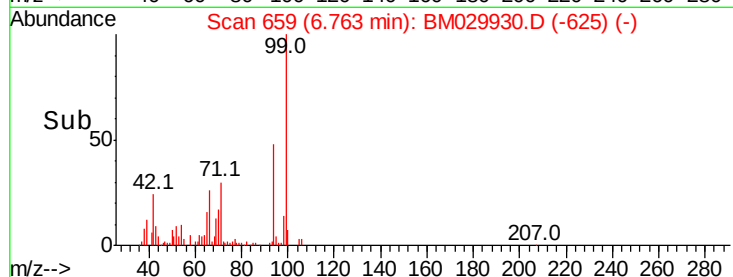
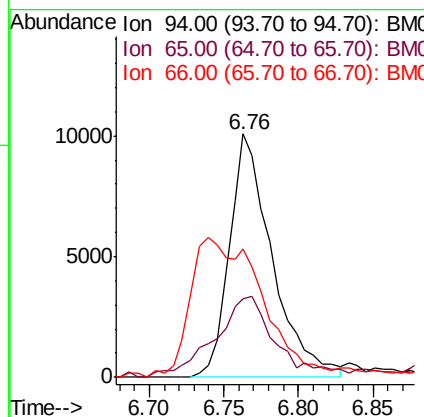
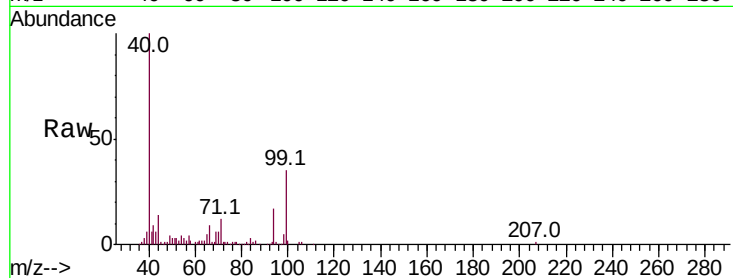
ClientSampled :

BG584

Tot Ion	94	Resp	20127
Ion Ratio	Lower	Upper	
94	100		
65	32.2	23.3	34.9
66	52.9	30.6	45.8#

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#16

Acetophenone

Concen: 1.417 ng/ul

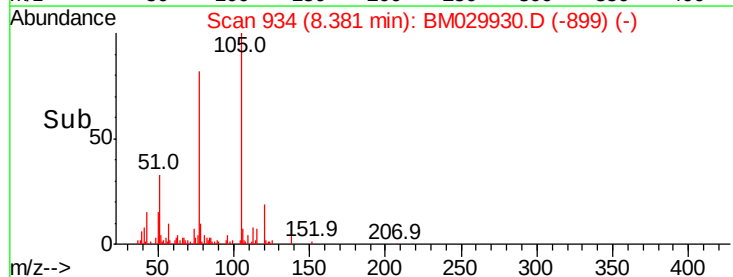
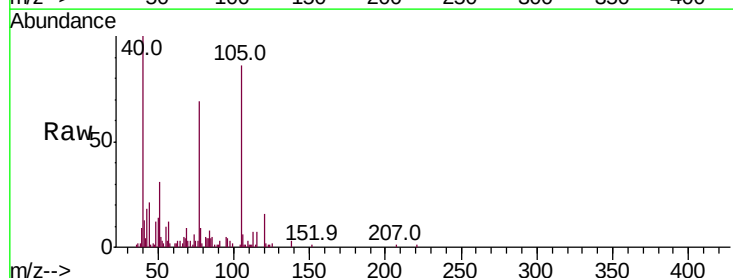
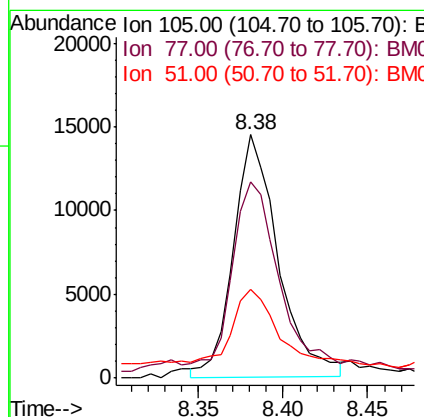
RT: 8.38 min Scan# 934

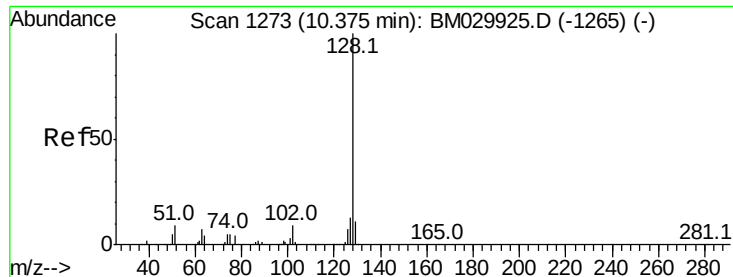
Delta R.T. 0.01 min

Lab File: BM029930.D

Acq: 11 May 2021 06:59

Tgt Ion	105	Resp	26616
Ion Ratio	Lower	Upper	
105	100		
77	80.7	64.2	96.4
51	36.3	24.3	36.5





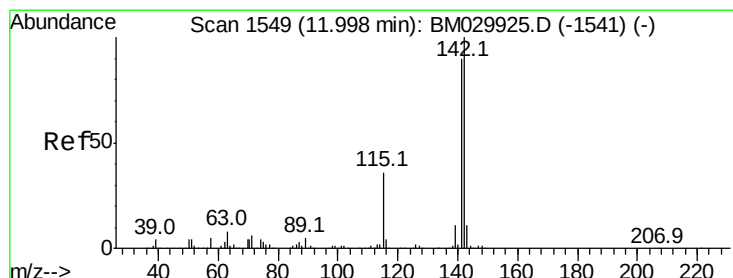
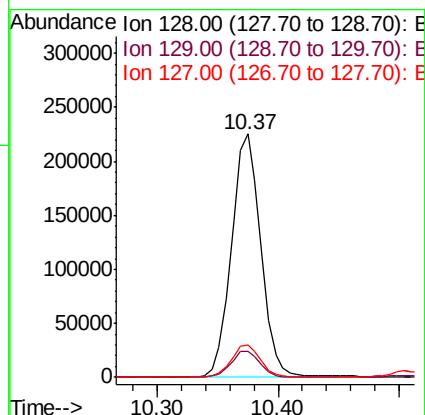
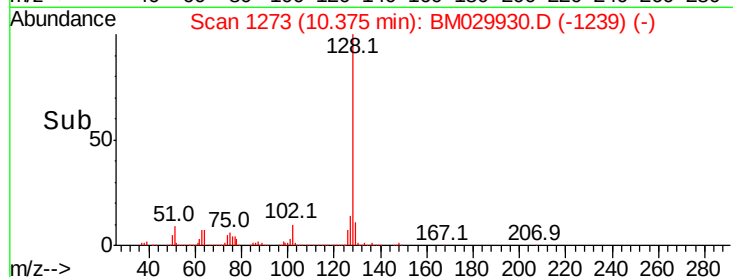
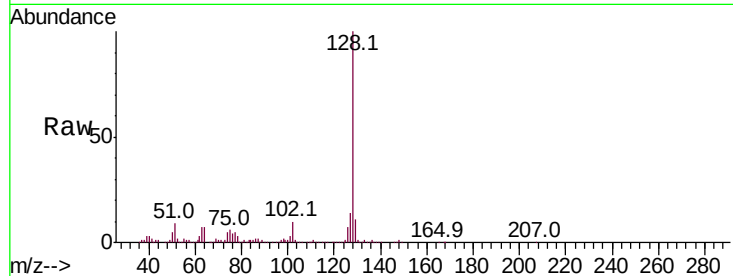
#30
Naphthalene
Concen: 10.221 ng/ul
RT: 10.37 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BM029930.D
Acq: 11 May 2021 06:59

Instrument :
BNA_M
ClientSampleId :
BG584

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.5	12.7
127	13.5	10.4	15.6

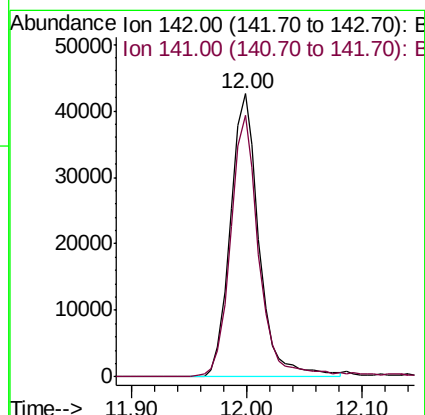
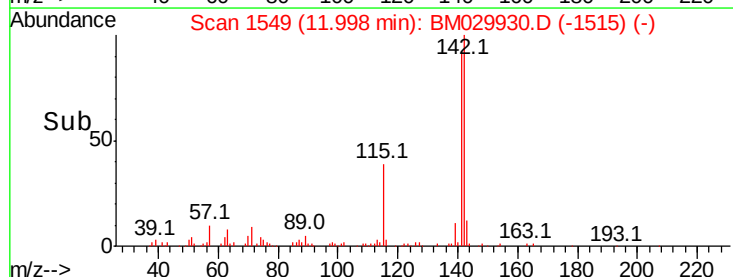
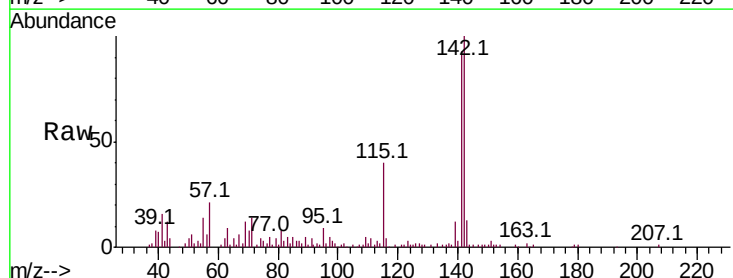
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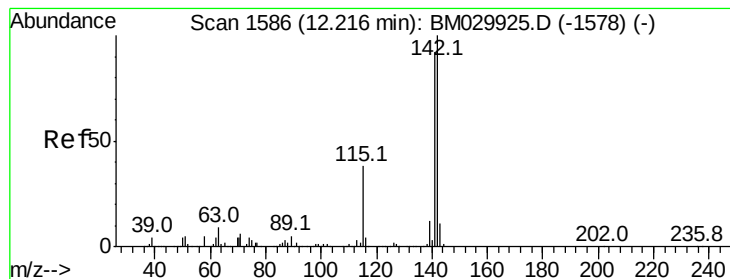
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#36
2-Methylnaphthalene
Concen: 2.695 ng/ul
RT: 12.00 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BM029930.D
Acq: 11 May 2021 06:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	72.1	108.1





#37

1-Methylnaphthalene

Concen: 1.483 ng/ul

RT: 12.22 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BM029930.D

Acq: 11 May 2021 06:59

Instrument :

BNA_M

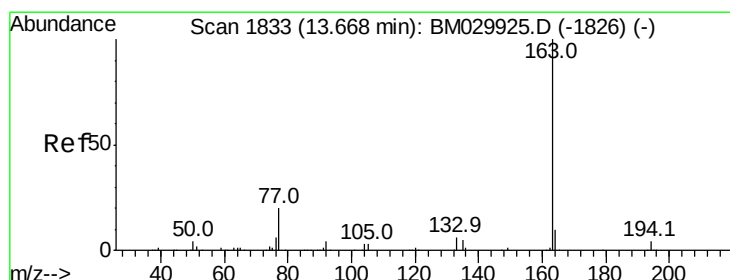
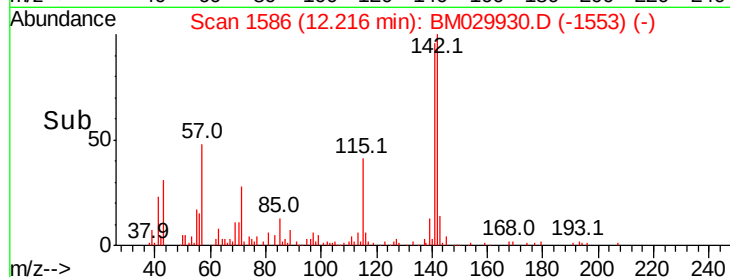
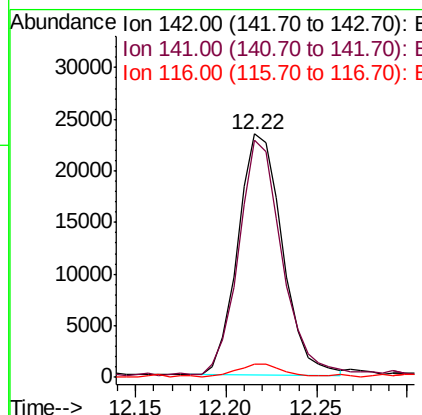
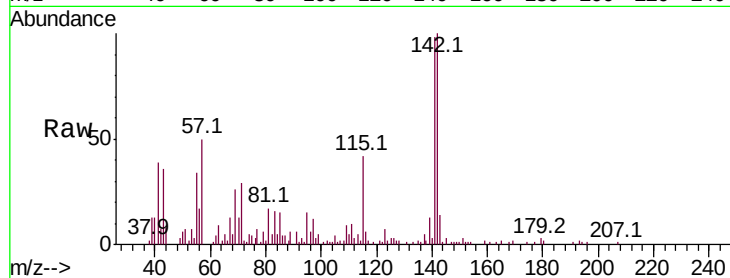
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
142	100		
141	97.6	72.9	109.3
116	5.7	3.0	4.6

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#47

Dimethylphthalate

Concen: 1.034 ng/ul

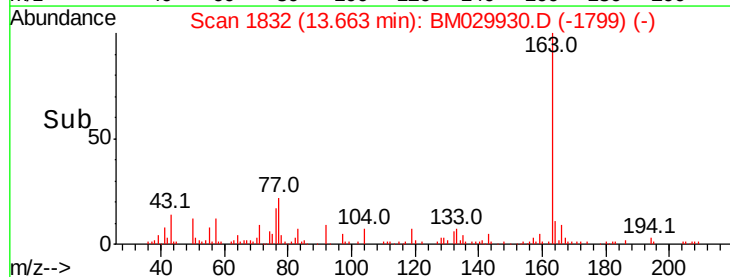
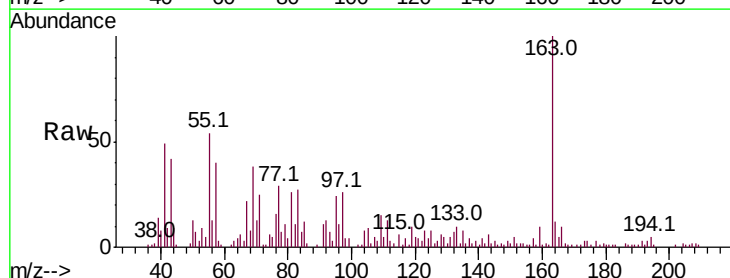
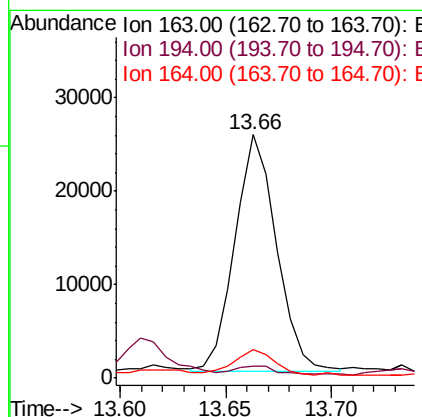
RT: 13.66 min Scan# 1832

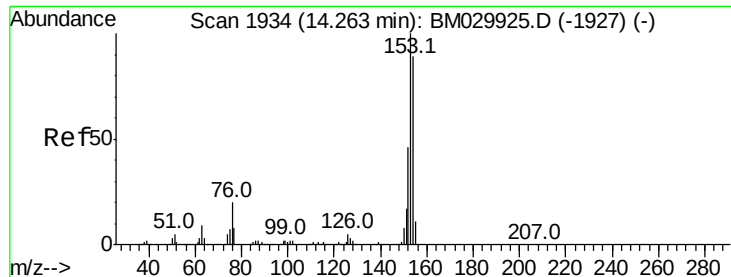
Delta R.T. -0.01 min

Lab File: BM029930.D

Acq: 11 May 2021 06:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.4	5.0
164	11.8	7.8	11.8





#52

Acenaphthene

Concen: 6.383 ng/ul

RT: 14.26 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BM029930.D

Acq: 11 May 2021 06:59

Instrument :

BNA_M

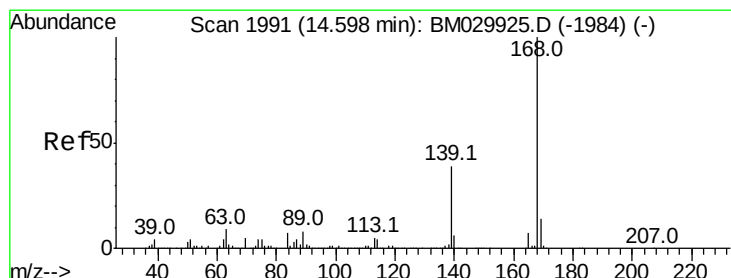
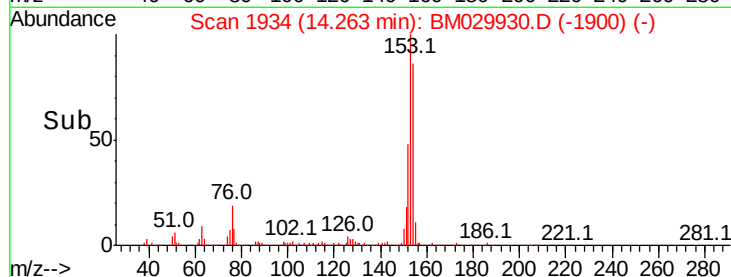
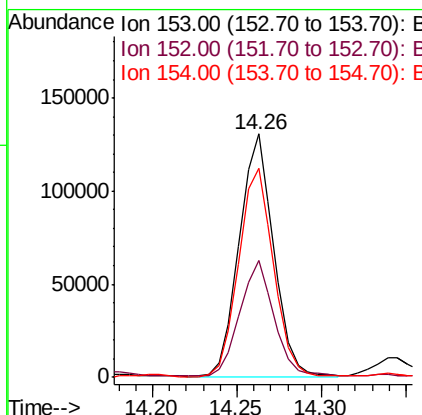
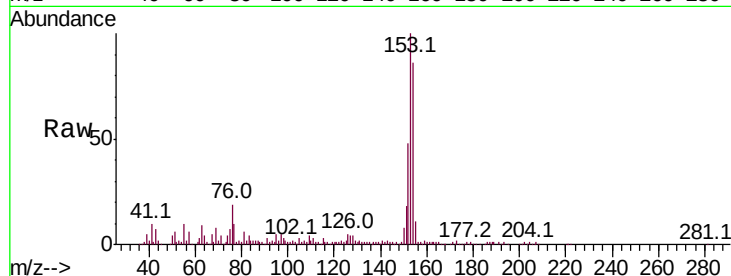
ClientSampleId :

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Tot Ion:	153	Resp:	183971
Ion Ratio	Lower	Upper	
153	100		
152	48.0	37.7	56.5
154	85.9	70.2	105.4

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#56

Dibenzofuran

Concen: 5.739 ng/ul

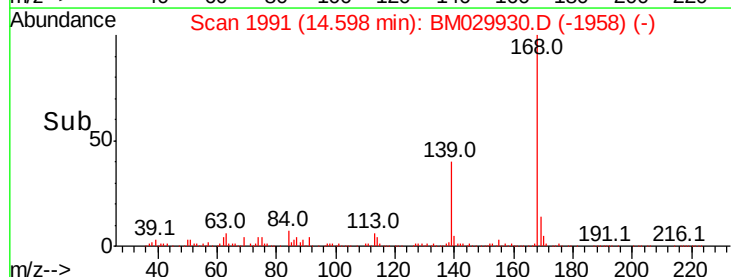
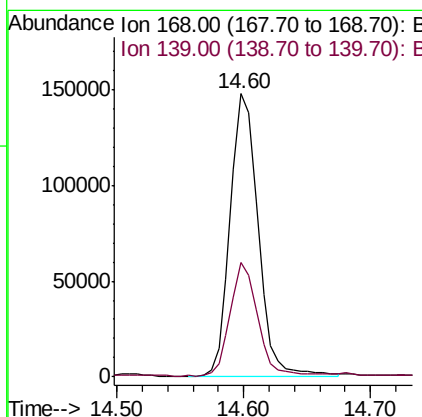
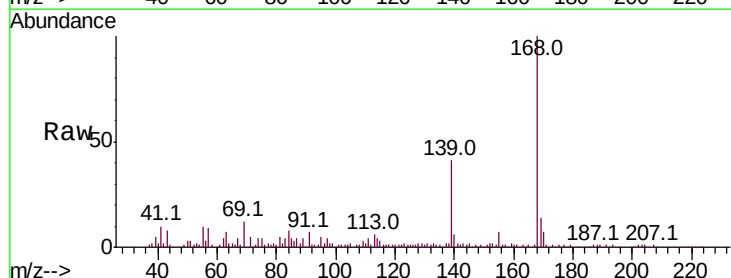
RT: 14.60 min Scan# 1991

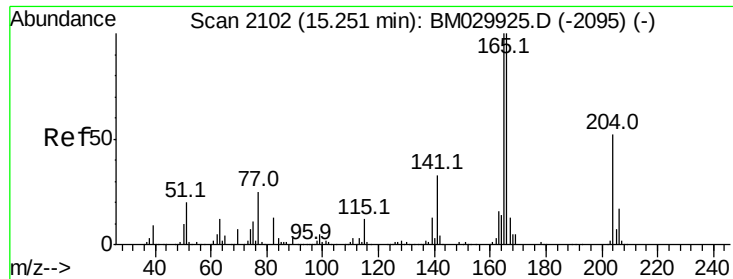
Delta R.T. -0.01 min

Lab File: BM029930.D

Acq: 11 May 2021 06:59

Tgt Ion:	168	Resp:	226553
Ion Ratio	Lower	Upper	
168	100		
139	40.6	29.8	44.6





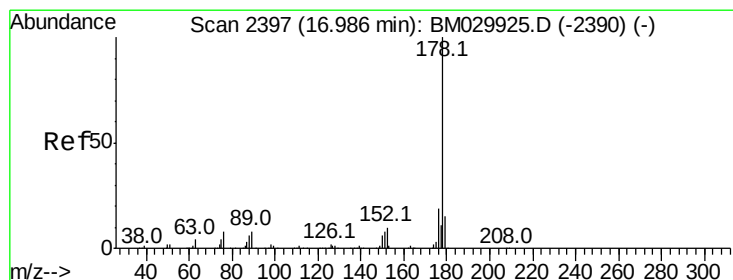
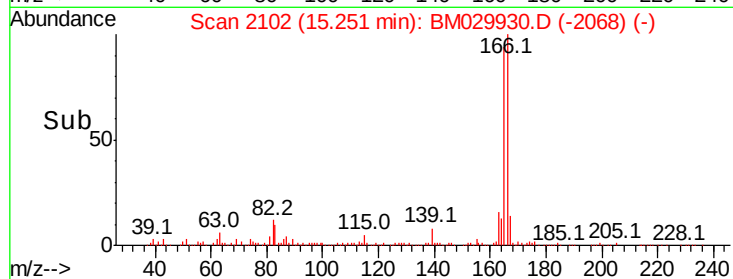
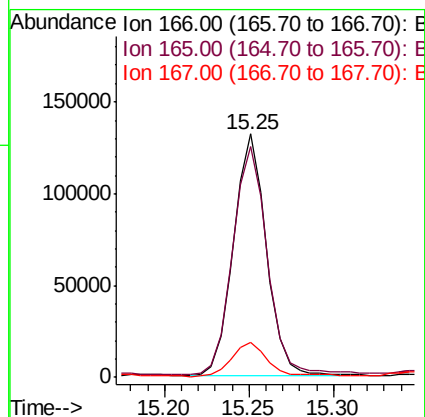
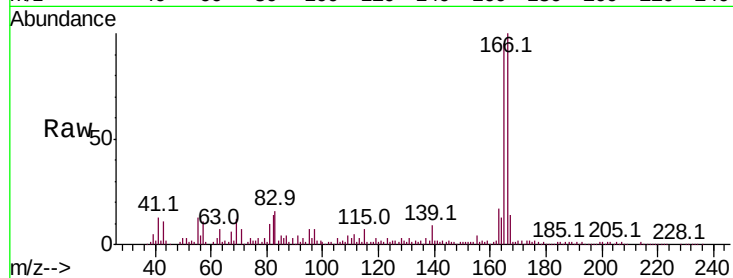
#61
 Fluorene
 Concen: 5.337 ng/ul
 RT: 15.25 min Scan# 2102
 Delta R.T. 0.00 min
 Lab File: BM029930.D
 Acq: 11 May 2021 06:59

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Tot Ion	Ratio	Resp	Lower	Upper
166	100	180115		
165	94.7		78.4	117.6
167	14.4		10.9	16.3

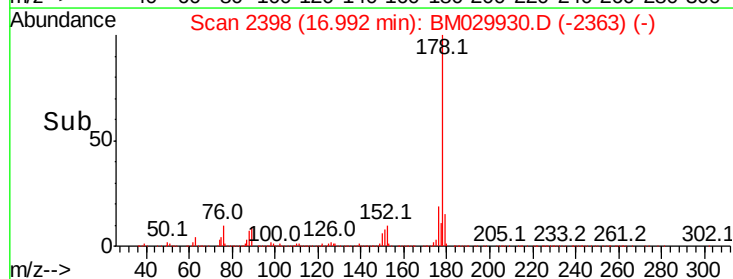
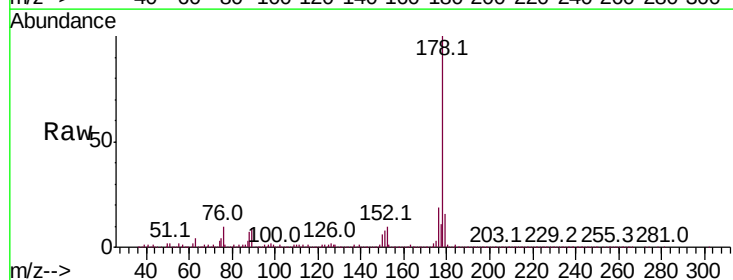
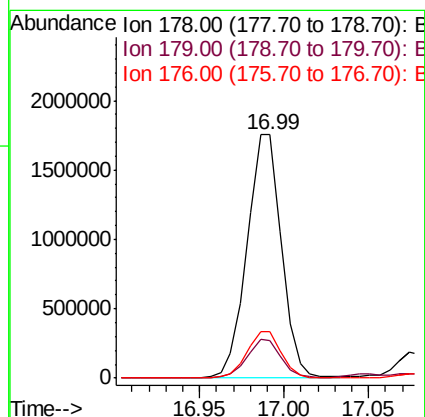
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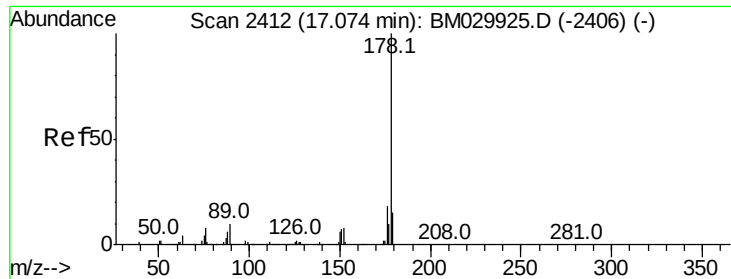
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#72
 Phenanthrene
 Concen: 48.960 ng/ul
 RT: 16.99 min Scan# 2398
 Delta R.T. 0.01 min
 Lab File: BM029930.D
 Acq: 11 May 2021 06:59

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2486002		
179	15.6		12.2	18.4
176	18.9		15.0	22.4





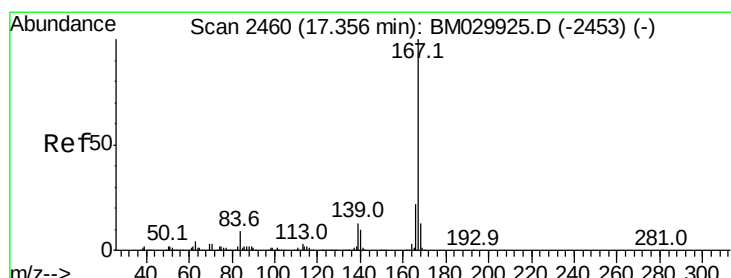
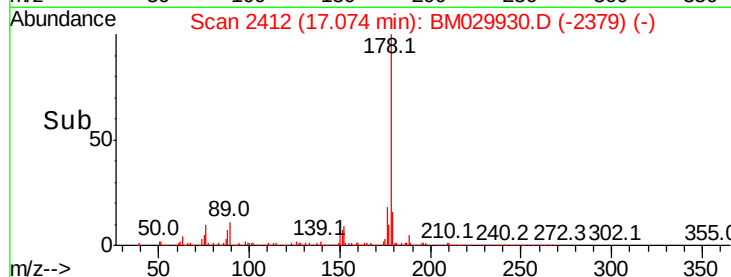
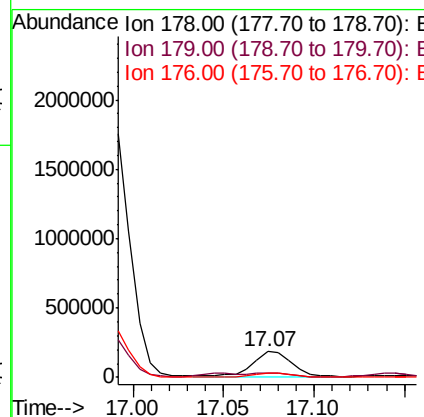
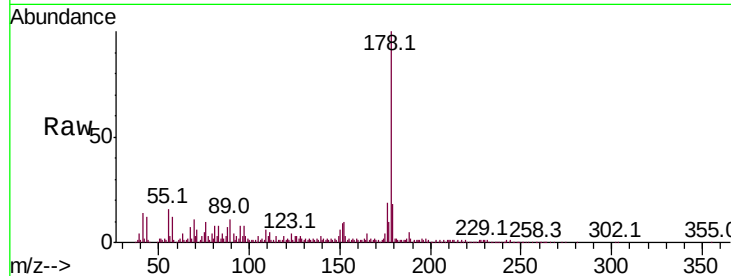
#74
 Anthracene
 Concen: 5.289 ng/ul
 RT: 17.07 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BM029930.D
 Acq: 11 May 2021 06:59

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
178	100	274555		
179	17.6	12.2	18.2	
176	18.7	14.9	22.3	

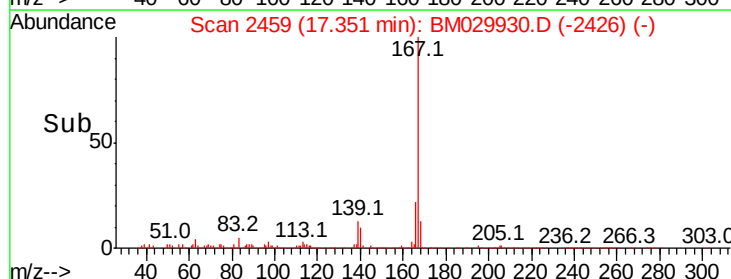
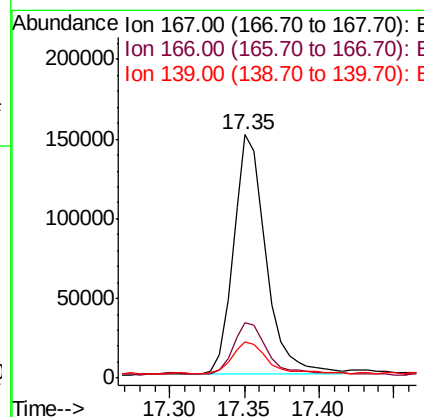
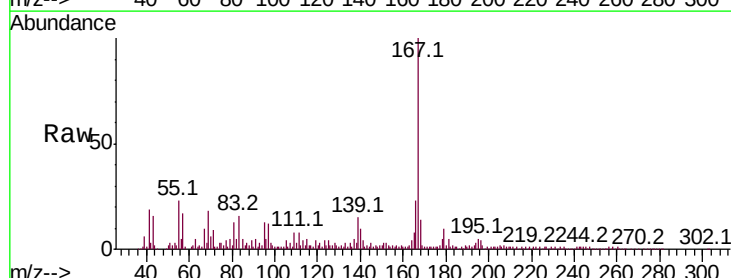
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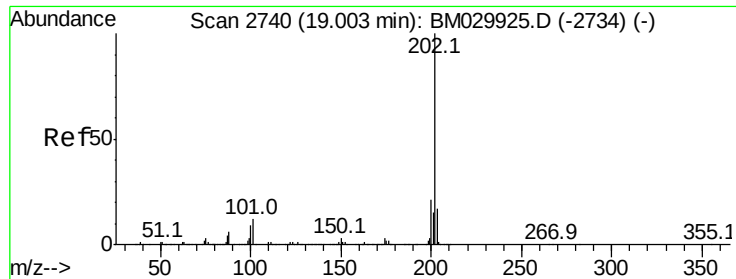
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#77
 Carbazole
 Concen: 4.797 ng/ul
 RT: 17.35 min Scan# 2459
 Delta R.T. -0.01 min
 Lab File: BM029930.D
 Acq: 11 May 2021 06:59

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	228161		
166	23.0	17.6	26.4	
139	14.9	10.2	15.2	





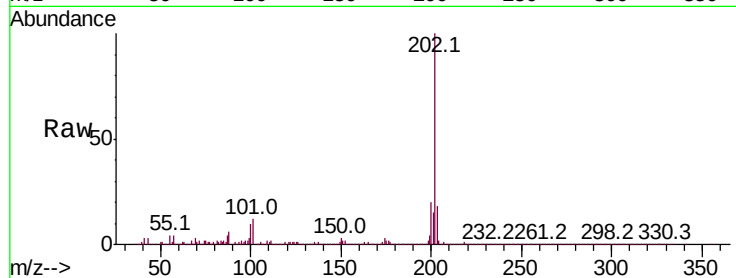
#80
Fluoranthene
Concen: 57.841 ng/ul
RT: 19.01 min Scan# 2741
Delta R.T. 0.00 min
Lab File: BM029930.D
Acq: 11 May 2021 06:59

Instrument :
BNA_M
ClientSampleId :
BG584

Tot Ion	Ratio	Resp	Lower	Upper
202	100	2797200		
101	12.4		9.0	13.4
100	9.7		7.0	10.6

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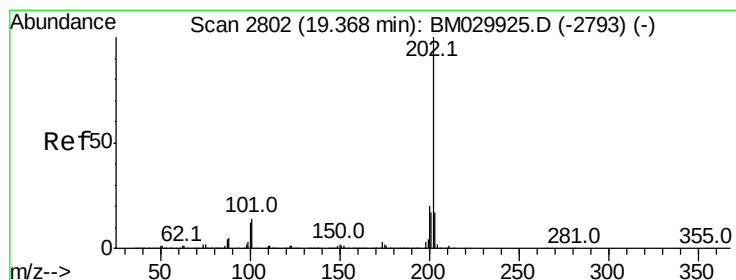
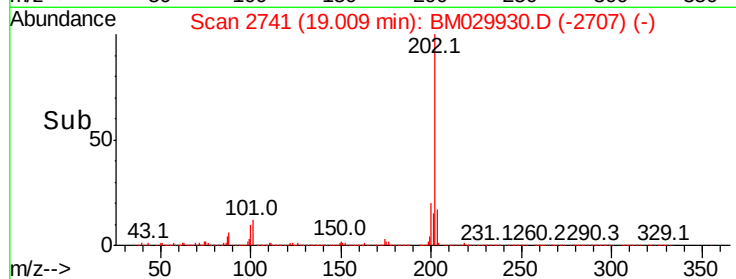
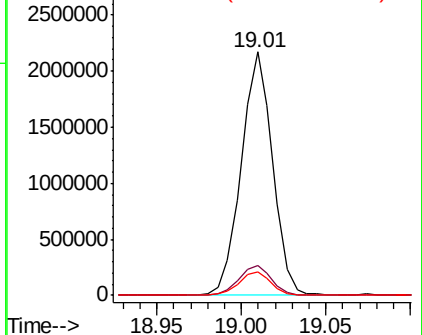


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#82
Pyrene
Concen: 43.017 ng/ul
RT: 19.37 min Scan# 2803
Delta R.T. 0.00 min
Lab File: BM029930.D
Acq: 11 May 2021 06:59

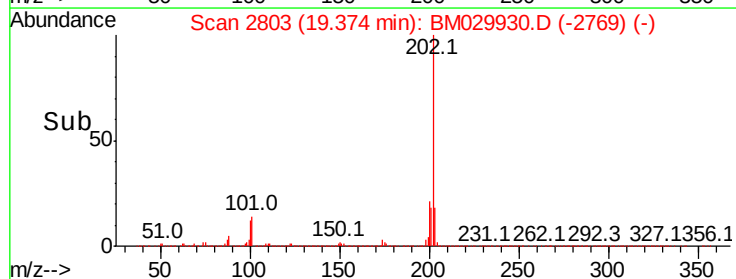
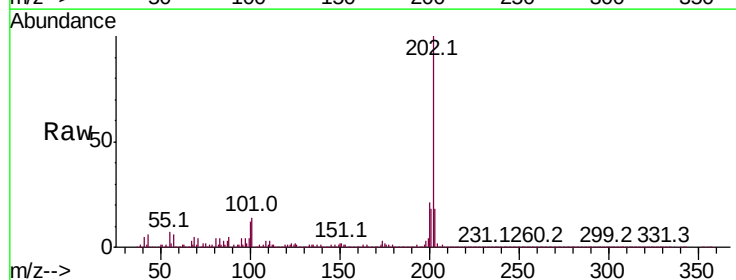
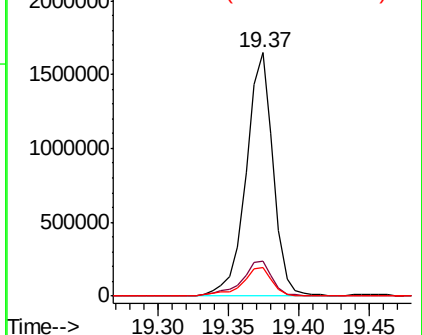
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	2189271		
101	14.3		11.8	17.6
100	12.0		9.2	13.8

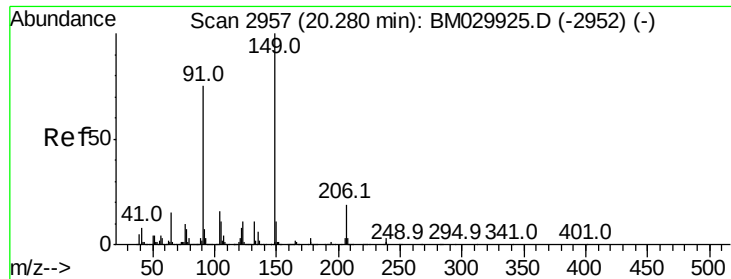
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





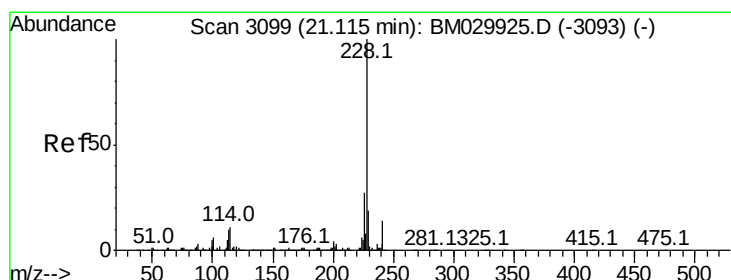
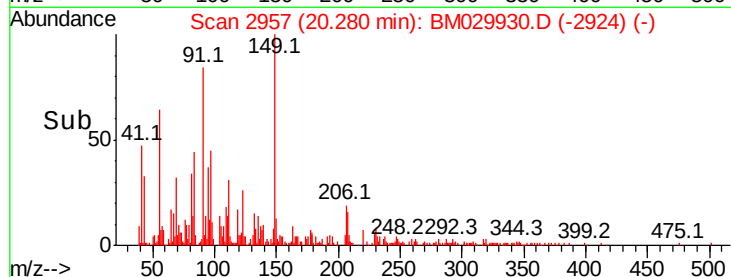
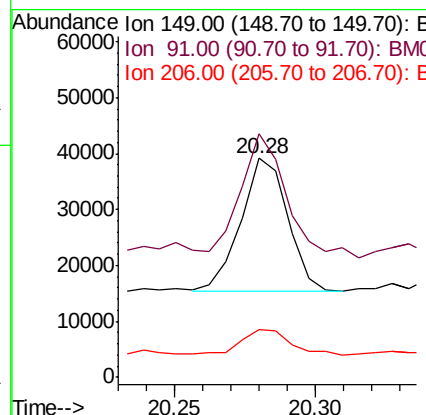
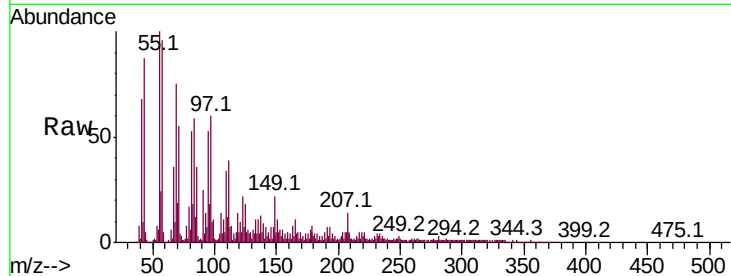
#83
Butylbenzylphthalate
Concen: 1.495 ng/ul
RT: 20.28 min Scan# 2957
Delta R.T. -0.01 min
Lab File: BM029930.D
Acq: 11 May 2021 06:59

Instrument :
BNA_M
ClientSampleID :
BG584

Tot Ion	Ratio	Lower	Upper
149	100		
91	111.3	60.6	91.0#
206	21.8	15.4	23.0

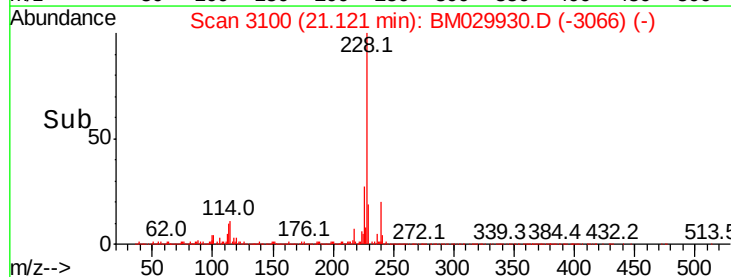
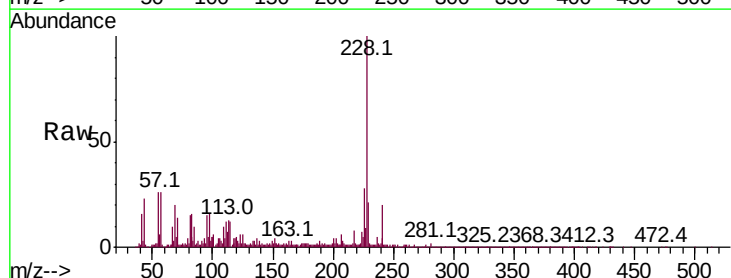
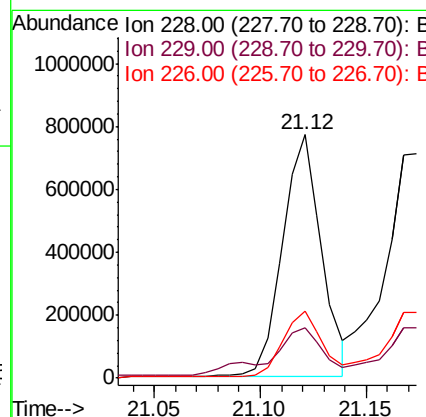
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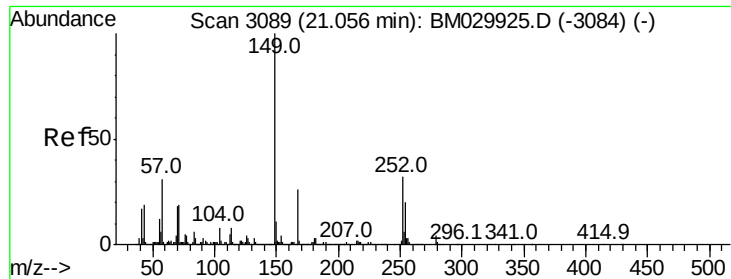
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#85
Benzo(a)anthracene
Concen: 19.379 ng/ul
RT: 21.12 min Scan# 3100
Delta R.T. 0.00 min
Lab File: BM029930.D
Acq: 11 May 2021 06:59

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.9	23.9
226	27.6	21.4	32.0





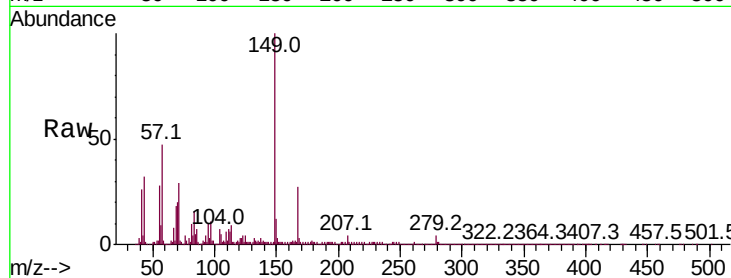
#86
 Bis(2-ethylhexyl)phthalate
 Concen: 39.446 ng/ul
 RT: 21.06 min Scan# 3090
 Delta R.T. 0.00 min
 Lab File: BM029930.D
 Acq: 11 May 2021 06:59

Instrument :
 BNA_M
 ClientSampleId :
 BG584

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.1	31.7
279	4.4	3.5	5.3

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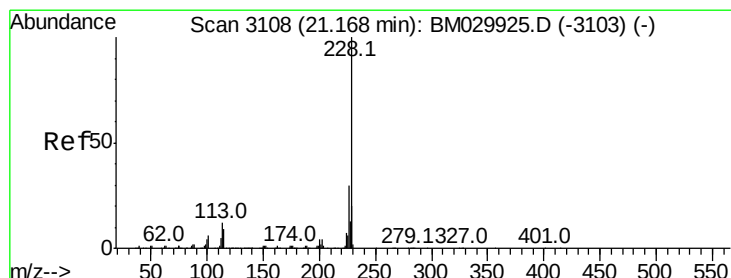
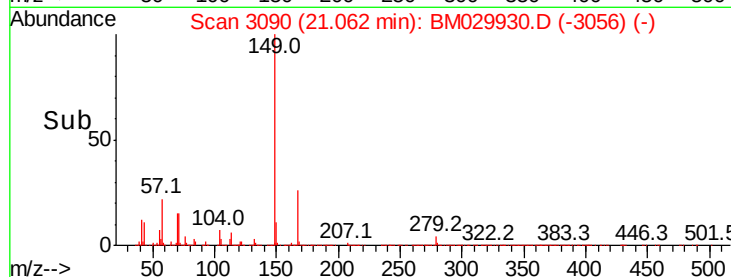
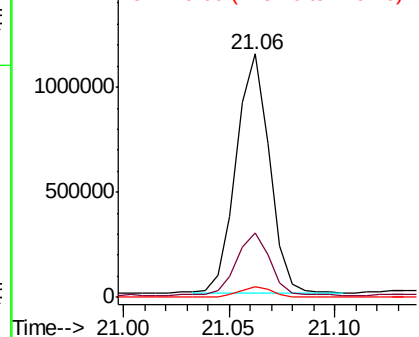


Abundance

Ion 149.00 (148.70 to 149.70): E

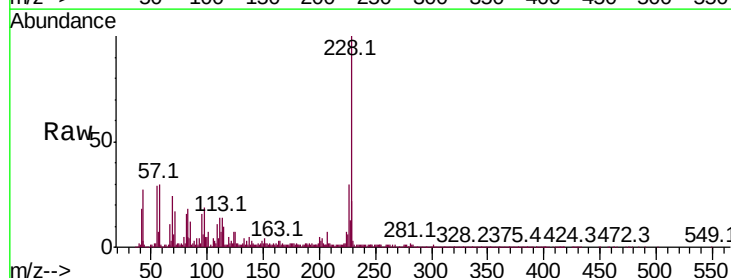
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87
 Chrysene
 Concen: 21.480 ng/ul
 RT: 21.17 min Scan# 3109
 Delta R.T. 0.00 min
 Lab File: BM029930.D
 Acq: 11 May 2021 06:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.9	35.9
229	22.3	15.6	23.4

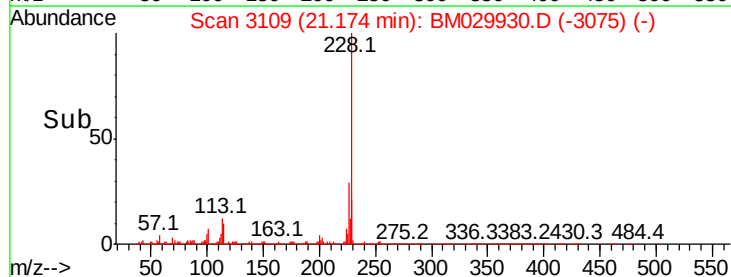
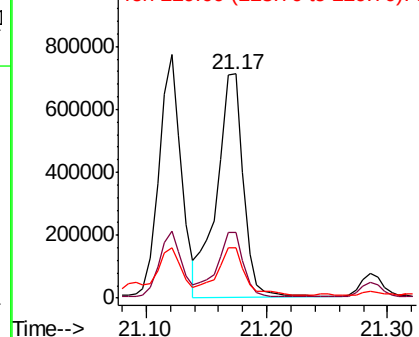


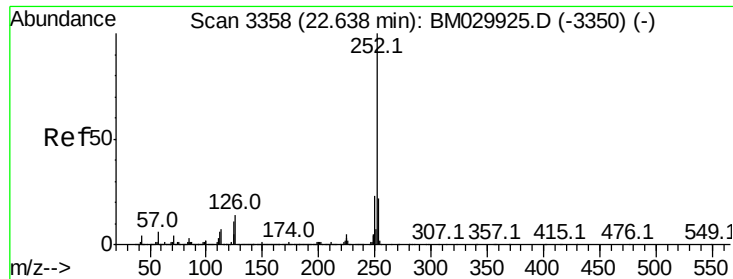
Abundance

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





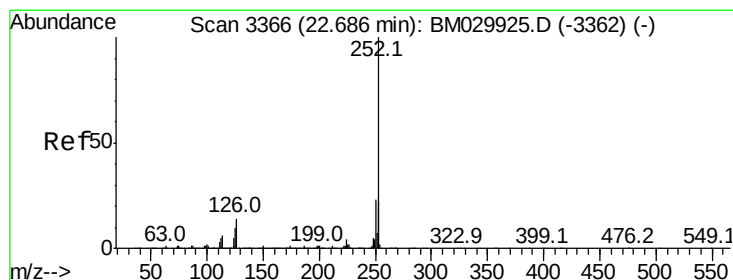
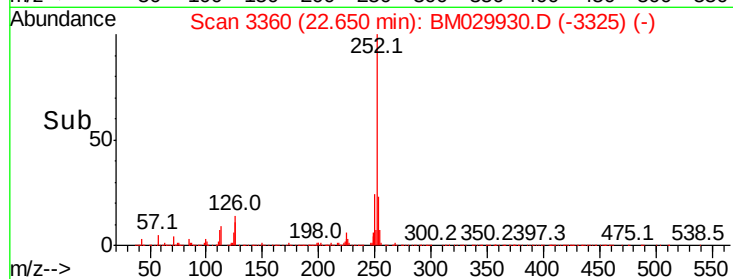
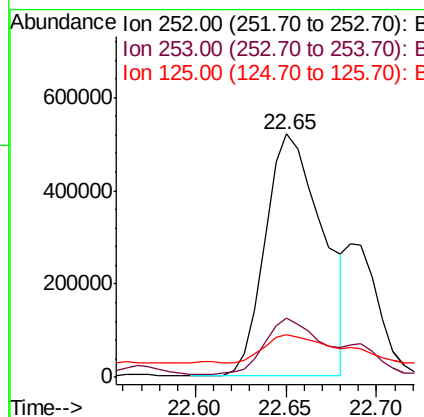
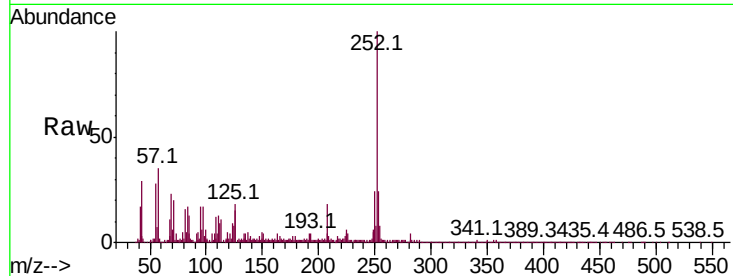
#90
Benzo(b)fluoranthene
Concen: 25.630 ng/ul
RT: 22.65 min Scan# 3360
Delta R.T. 0.01 min
Lab File: BM029930.D
Acq: 11 May 2021 06:59

Instrument :
BNA_M
ClientSampleId :
BG584

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.4	26.2
125	17.8	8.6	12.8

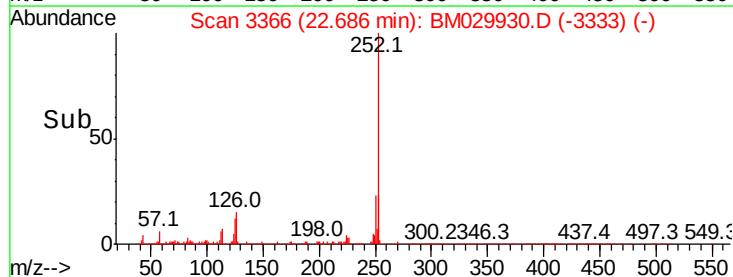
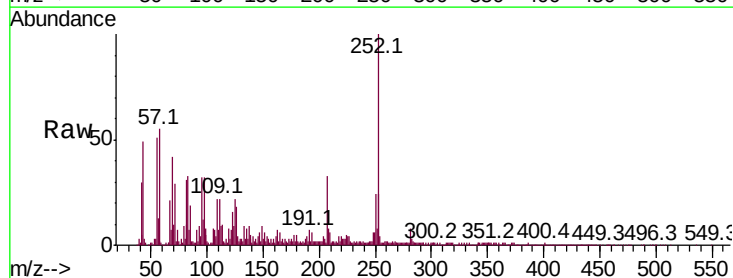
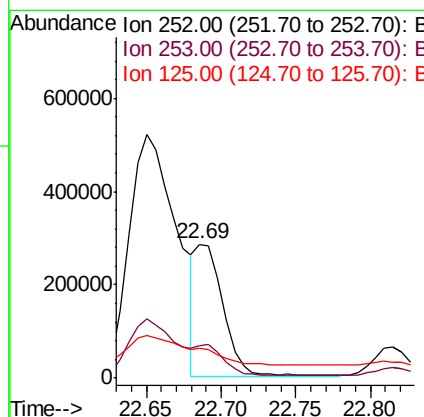
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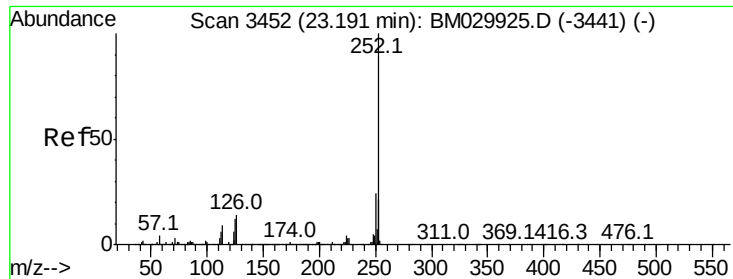
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#91
Benzo(k)fluoranthene
Concen: 7.408 ng/ul m
RT: 22.69 min Scan# 3366
Delta R.T. -0.01 min
Lab File: BM029930.D
Acq: 11 May 2021 06:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.8
125	22.3	8.4	12.6





#93

Benzo(a)pyrene

Concen: 16.388 ng/ul

RT: 23.20 min Scan# 3453

Delta R.T. 0.00 min

Lab File: BM029930.D

Acq: 11 May 2021 06:59

Instrument :

BNA_M

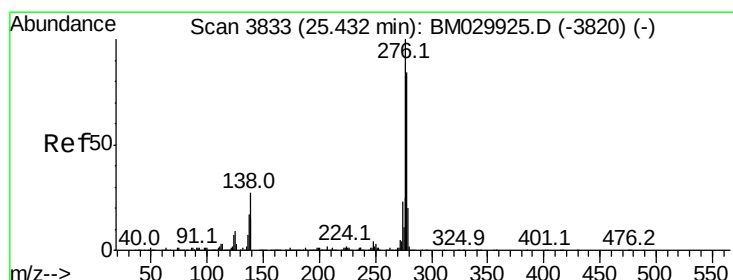
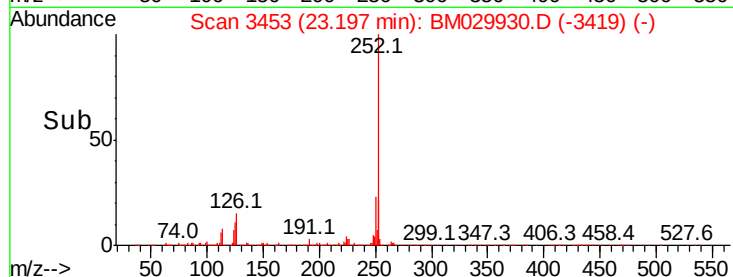
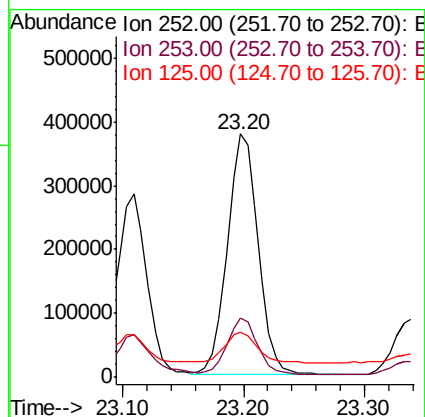
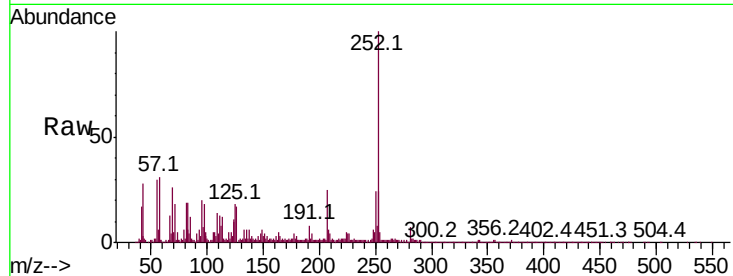
ClientSampled :

BG584

Tot Ion:	252	Resp:	667019
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.9	26.9
125	18.4	9.6	14.4#

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#94

Indeno(1,2,3-cd)pyrene

Concen: 8.523 ng/ul

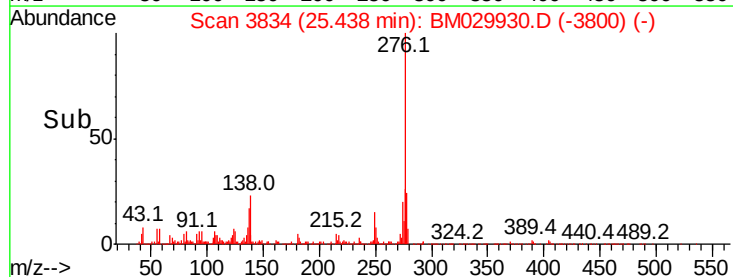
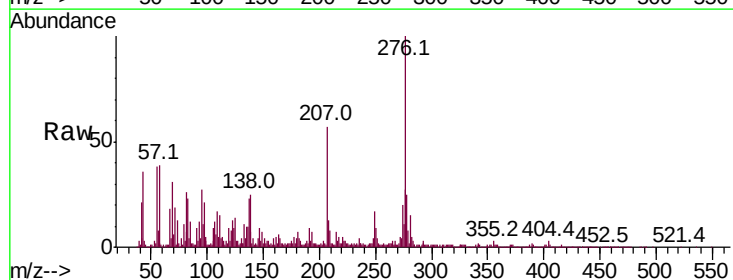
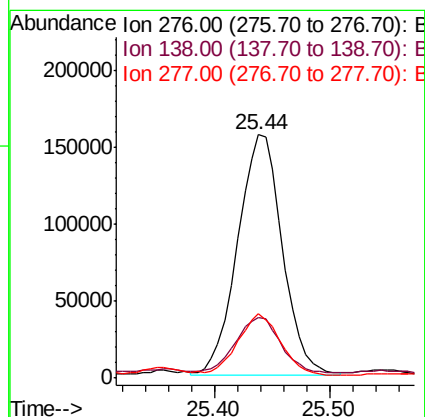
RT: 25.44 min Scan# 3834

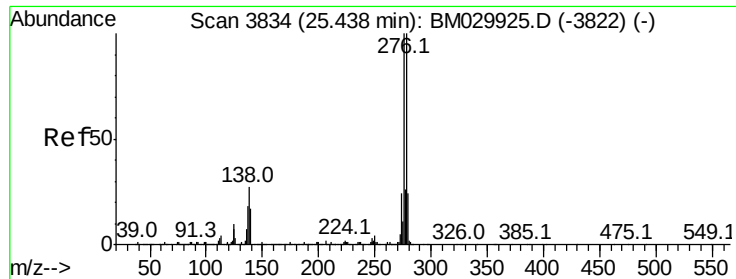
Delta R.T. 0.00 min

Lab File: BM029930.D

Acq: 11 May 2021 06:59

Tgt Ion:	276	Resp:	419868
Ion Ratio	Lower	Upper	
276	100		
138	24.7	21.1	31.7
277	26.6	20.3	30.5





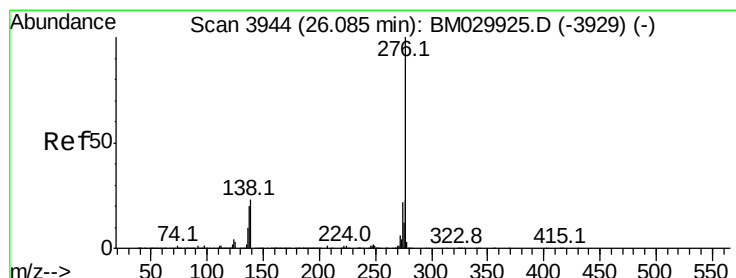
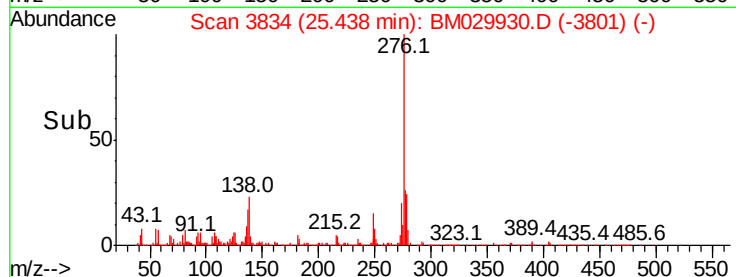
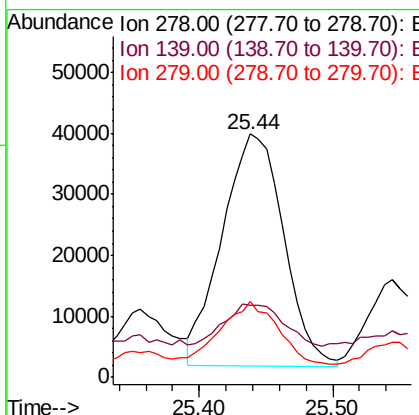
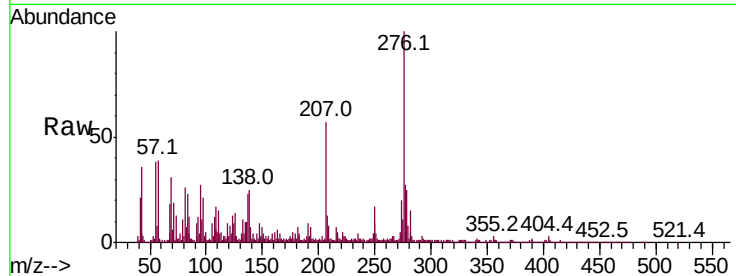
#95
Dibenzo(a,h)anthracene
Concen: 2.909 ng/ul
RT: 25.44 min Scan# 3834
Delta R.T. -0.01 min
Lab File: BM029930.D
Acq: 11 May 2021 06:59

Instrument :
BNA_M
ClientSampled :
BG584

Tot Ion:	278	Resp:	121495
Ion Ratio	Lower	Upper	
278	100		
139	29.6	13.5	20.3#
279	31.0	18.6	28.0#

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#96
Benzo(g,h,i)perylene
Concen: 9.302 ng/ul
RT: 26.10 min Scan# 3946
Delta R.T. 0.01 min
Lab File: BM029930.D
Acq: 11 May 2021 06:59

Tgt Ion:	276	Resp:	371298
Ion Ratio	Lower	Upper	
276	100		
138	25.0	17.8	26.8
277	24.7	18.5	27.7

