

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
 Data File : BM029907.D
 Acq On : 10 May 2021 15:56
 Operator : CG/JU
 Sample : M2276-05MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A0AA0MSD

Manual Integrations
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 5/11/2021 2:32:34 PM

Quant Time: May 10 16:27:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 10 10:07:43 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	133639	20.00	ng/ul	0.00
20) Naphthalene-d8	10.33	136	615198	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.20	164	403084	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.95	188	833586	20.00	ng/ul	0.00
79) Chrysene-d12	21.13	240	835125	20.00	ng/ul	0.00
88) Perylene-d12	23.29	264	675369	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	18066	5.40	ng/uL	0.00
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	6.75	99	31540	2.54	ng/ul	0.01
9) Bis-(2-Chloroethyl)ether-d	6.90	67	252876	32.81	ng/ul	0.00
11) 2-Chlorophenol-d4	7.09	132	330856	34.49	ng/ul	0.00
15) 4-Methylphenol-d8	8.27	113	68992	6.71	ng/ul	0.00
21) Nitrobenzene-d5	8.71	128	165952	39.14	ng/ul	0.00
24) 2-Nitrophenol-d4	9.42	143	184690	38.60	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.96	165	359470	37.46	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	13667	0.94	ng/ul	0.01
46) Dimethylphthalate-d6	13.62	166	1291556	41.34	ng/ul	0.00
49) Acenaphthylene-d8	13.89	160	774520	19.56	ng/ul	0.00
54) 4-Nitrophenol-d4	14.44	143	36857	7.24	ng/ul	0.01
60) Fluorene-d10	15.20	176	1101743	41.54	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	221986	41.00	ng/ul	0.00
73) Anthracene-d10	17.04	188	1374390	32.74	ng/ul	0.00
81) Pyrene-d10	19.34	212	1815022	42.37	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.16	264	933349	24.38	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.10	88	10478	2.893	ng/uL# 84
6) Benzaldehyde	6.70	77	278555	43.421	ng/ul 99
8) Phenol	6.77	94	13842	1.091	ng/ul 97
10) Bis(2-Chloroethyl)ether	6.99	93	337196	33.610	ng/ul 99
12) 2-Chlorophenol	7.12	128	381886	39.039	ng/ul 99
13) 2-Methylphenol	8.01	108	26305	2.736	ng/ul 95
14) 2,2'-oxybis(1-Chloropropan	8.09	45	545199	36.077	ng/ul 96
16) Acetophenone	8.37	105	549204	33.298	ng/ul 99
17) N-Nitroso-di-n-propylamine	8.36	70	300305	35.586	ng/ul 99
18) 4-Methylphenol	8.34	108	28037	2.631	ng/ul 86
19) Hexachloroethane	8.62	117	139075	33.651	ng/ul 99
22) Nitrobenzene	8.75	77	437438	39.598	ng/ul 97
23) Isophorone	9.27	82	829344	35.493	ng/ul 99
25) 2-Nitrophenol	9.46	139	197930	38.100	ng/ul 98
26) 2,4-Dimethylphenol	9.53	107	36636	3.125	ng/ul 99
27) Bis(2-Chloroethoxy)methane	9.76	93	479592	35.043	ng/ul 99
29) 2,4-Dichlorophenol	9.99	162	347688	36.899	ng/ul 98
30) Naphthalene	10.37	128	1159833	33.966	ng/ul 100
33) Hexachlorobutadiene	10.66	225	208482	32.999	ng/ul 99
34) Caprolactam	11.34	113	16301m	4.875	ng/ul
35) 4-Chloro-3-methylphenol	11.63	107	154199	14.788	ng/ul 97
36) 2-Methylnaphthalene	12.00	142	700570	28.283	ng/ul 99

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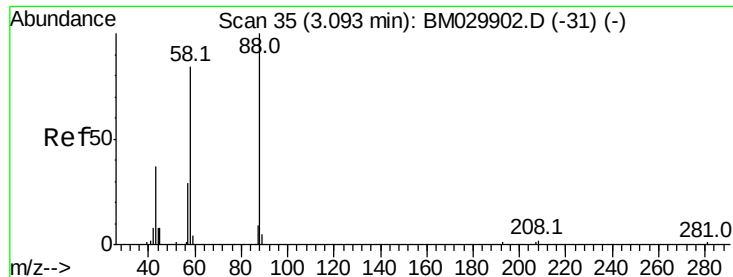
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.22	142	762222	31.050	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.37	216	444040	35.649	ng/ul	99
40) Hexachlorocyclopentadiene	12.35	237	218870	33.828	ng/ul	98
41) 2,4,6-Trichlorophenol	12.62	196	293487	38.639	ng/ul	98
42) 2,4,5-Trichlorophenol	12.70	196	312505	38.875	ng/ul	100
43) 1,1'-Biphenyl	13.03	154	1172826	37.430	ng/ul	98
44) 2-Chloronaphthalene	13.07	162	905727	37.665	ng/ul	99
45) 2-Nitroaniline	13.29	65	199249	32.783	ng/ul	96
47) Dimethylphthalate	13.67	163	1321338	42.236	ng/ul	99
48) 2,6-Dinitrotoluene	13.79	165	265135	47.210	ng/ul	95
50) Acenaphthylene	13.92	152	921422	24.062	ng/ul	98
52) Acenaphthene	14.26	153	854463	31.573	ng/ul	99
53) 2,4-Dinitrophenol	14.34	184	129497	33.890	ng/ul	95
55) 4-Nitrophenol	14.46	109	23420	5.986	ng/ul	98
56) Dibenzofuran	14.60	168	1497953	40.412	ng/ul	97
57) 2,4-Dinitrotoluene	14.59	165	377303	45.401	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.84	232	311330	40.671	ng/ul	98
59) Diethylphthalate	15.04	149	1349646	41.363	ng/ul	100
61) Fluorene	15.26	166	1302385	41.100	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.26	204	634001	40.717	ng/ul	98
63) 4-Nitroaniline	15.30	138	16689	2.669	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	15.35	198	218126	40.934	ng/ul	98
67) N-Nitrosodiphenylamine	15.47	169	53700	1.983	ng/ul	95
68) 4-Bromophenyl-phenylether	16.14	248	393285	42.386	ng/ul	96
69) Hexachlorobenzene	16.26	284	450730	40.907	ng/ul	97
70) Atrazine	16.43	200	392631	39.300	ng/ul	100
71) Pentachlorophenol	16.61	266	236853	37.515	ng/ul	99
72) Phenanthrene	16.99	178	2005370	40.800	ng/ul	100
74) Anthracene	17.08	178	1793403	35.690	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	12.99	216	460601	34.932	ng/ul	97
76) Pentachlorobenzene	14.52	250	488030	38.810	ng/ul	98
77) Carbazole	17.36	167	983355	21.358	ng/ul	99
78) Di-n-butylphthalate	17.93	149	2430906	44.483	ng/ul	99
80) Fluoranthene	19.01	202	2394003	45.915	ng/ul	98
82) Pvrene	19.37	202	2418633	44.079	ng/ul	99
83) Butylbenzylphthalate	20.29	149	1047535	53.720	ng/ul	97
85) Benzo(a)anthracene	21.12	228	2299438	42.202	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.06	149	1611801	47.939	ng/ul	99
87) Chrysene	21.17	228	2295073	42.291	ng/ul	100
89) Di-n-octyl phthalate	21.92	149	2741920	53.054	ng/ul	100
90) Benzo(b)fluoranthene	22.65	252	2054938	46.908	ng/ul	100
91) Benzo(k)fluoranthene	22.69	252	2135694	46.371	ng/ul	99
93) Benzo(a)pyrene	23.20	252	1017738	25.580	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.44	276	1929634	40.070	ng/ul	99
95) Dibenzo(a,h)anthracene	25.46	278	1651753	40.465	ng/ul	99
96) Benzo(g,h,i)perylene	26.10	276	1524508	39.073	ng/ul	99

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



#2

1,4-Dioxane

Concen: 2.893 ng/uL

RT: 3.10 min Scan# 36

Delta R.T. 0.01 min

Lab File: BM029907.D

Acq: 10 May 2021 15:56

Instrument :

BNA_M

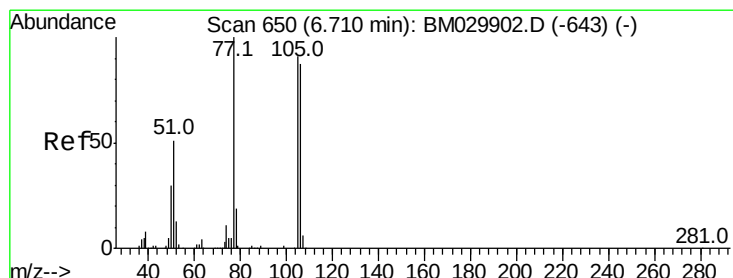
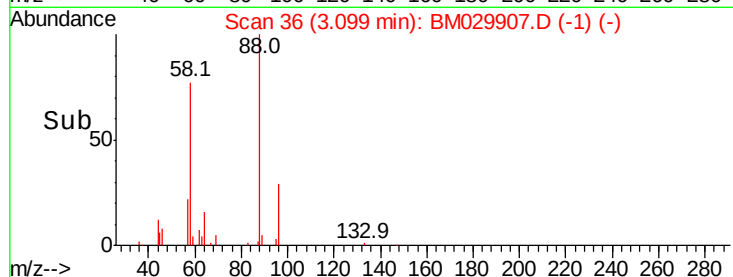
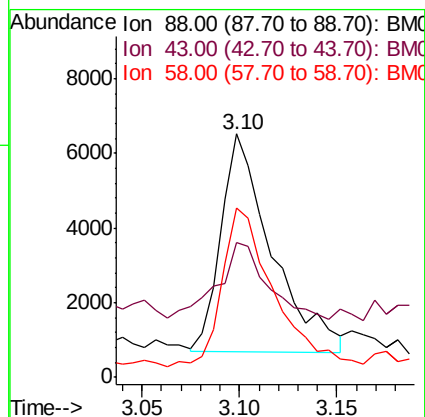
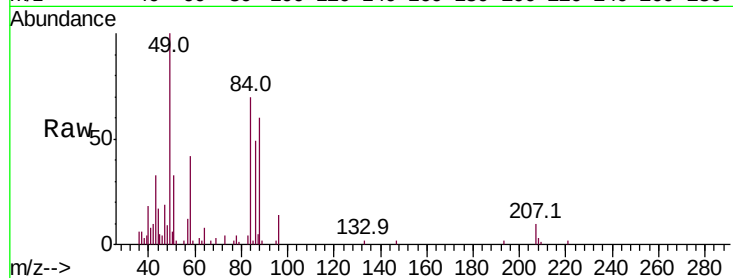
ClientSampleId :

A0AA0MSD

Tot Ion:	88	Resp:	10478
Ion Ratio	Lower	Upper	
88	100		
43	55.4	26.2	39.2#
58	69.6	59.0	88.4

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#6

Benzaldehyde

Concen: 43.421 ng/uL

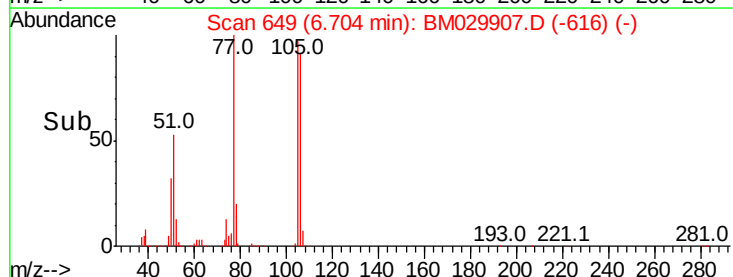
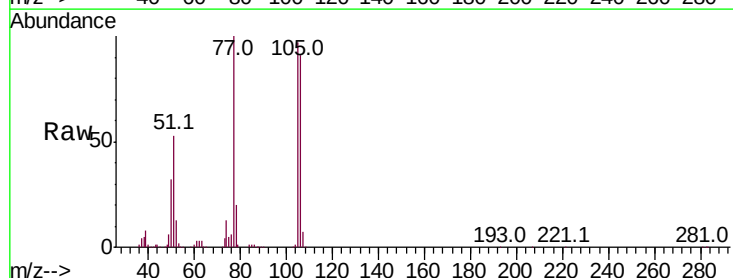
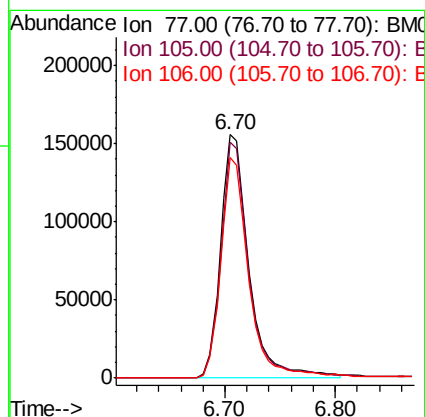
RT: 6.70 min Scan# 649

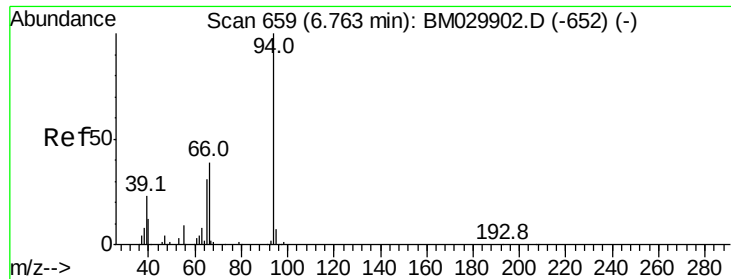
Delta R.T. -0.01 min

Lab File: BM029907.D

Acq: 10 May 2021 15:56

Tgt Ion:	77	Resp:	278555
Ion Ratio	Lower	Upper	
77	100		
105	96.7	77.7	116.5
106	90.8	72.2	108.4





#8

Phenol

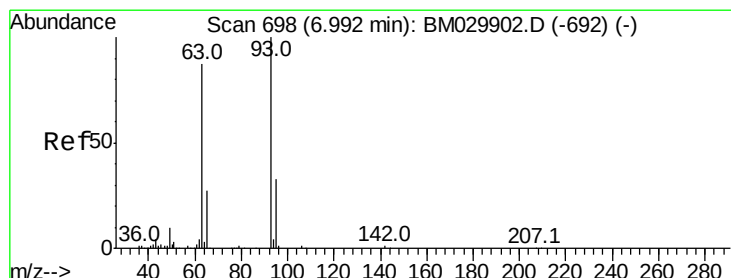
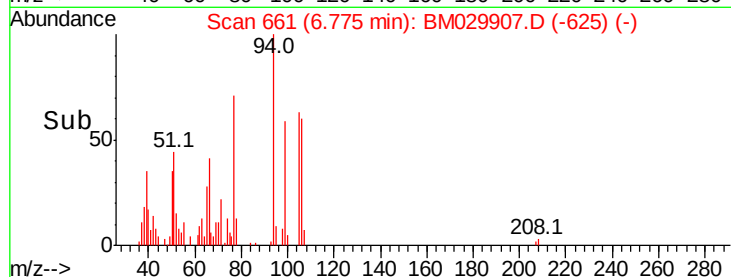
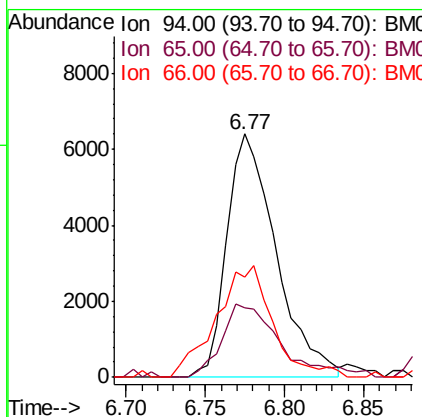
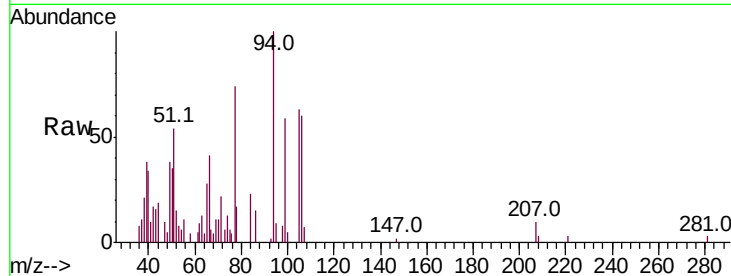
Concen: 1.091 ng/ul
 RT: 6.77 min Scan# 661
 Delta R.T. 0.01 min
 Lab File: BM029907.D
 Acq: 10 May 2021 15:56

Instrument :
 BNA_M
 ClientSampleId :
 A0AA0MSD

Tot Ion	Ratio	Lower	Upper
94	100		
65	28.5	23.3	34.9
66	41.2	30.6	45.8

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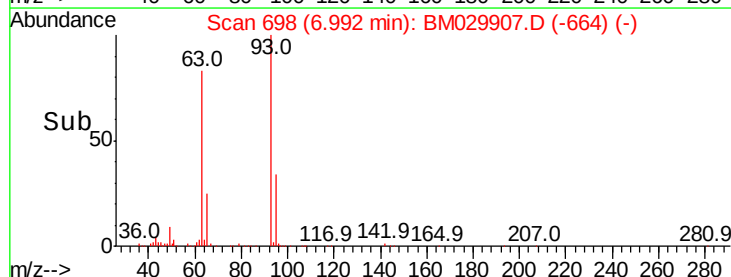
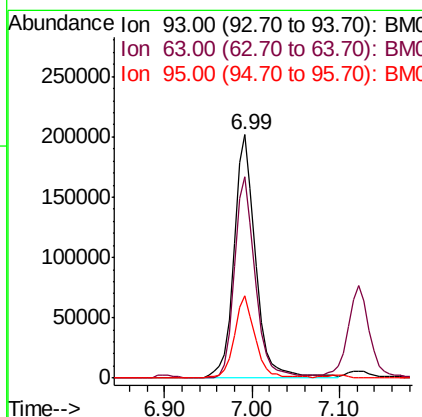
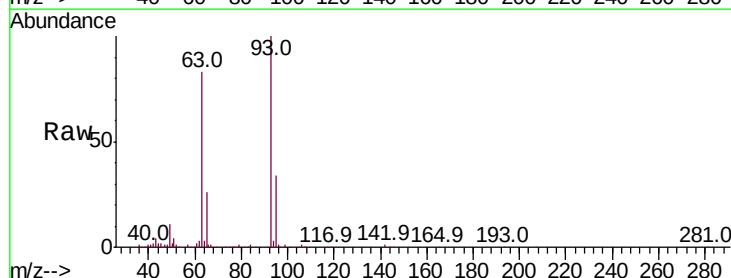


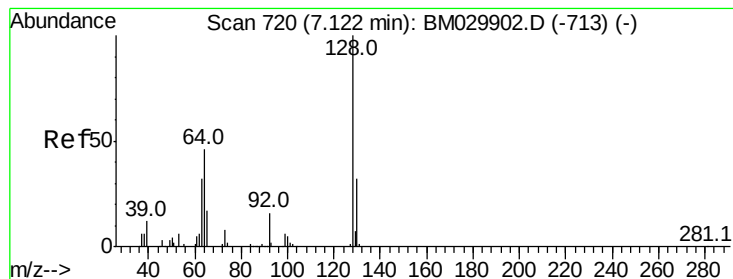
#10

Bis(2-Chloroethyl)ether

Concen: 33.610 ng/ul
 RT: 6.99 min Scan# 698
 Delta R.T. 0.00 min
 Lab File: BM029907.D
 Acq: 10 May 2021 15:56

Tgt Ion	Ratio	Lower	Upper
93	100		
63	82.7	66.0	99.0
95	33.8	25.7	38.5





#12

2-Chlorophenol

Concen: 39.039 ng/ul

RT: 7.12 min Scan# 720

Delta R.T. 0.00 min

Lab File: BM029907.D

Acq: 10 May 2021 15:56

Instrument :

BNA_M

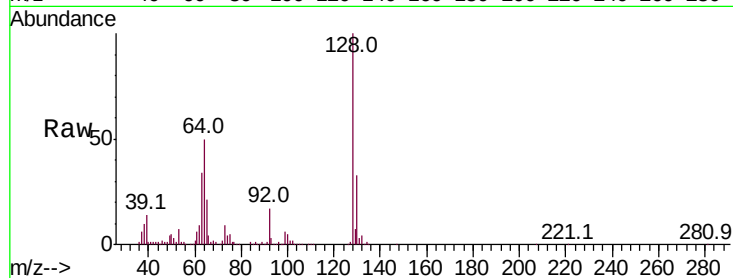
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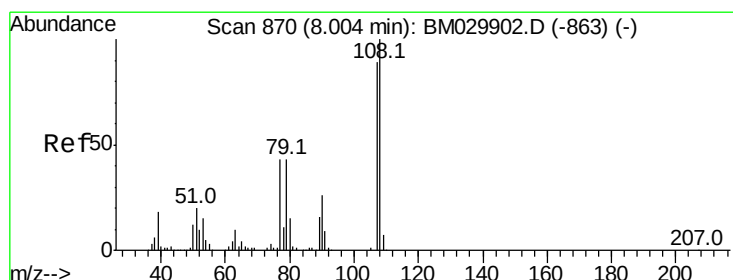
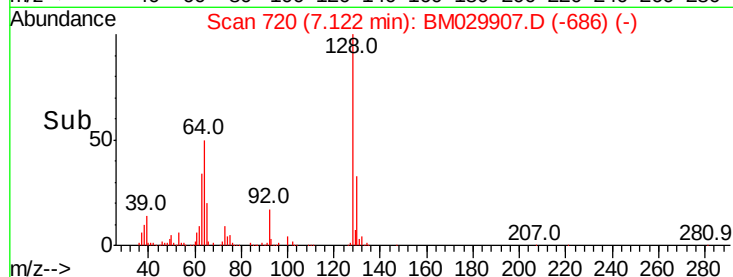
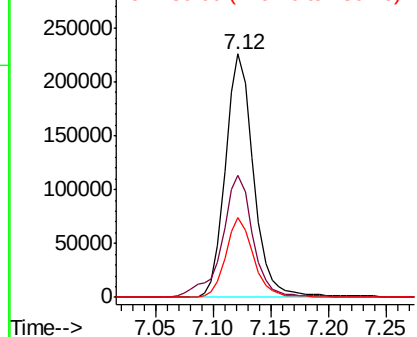
Tot Ion:	128	Resp:	381886
Ion Ratio	Lower	Upper	
128	100		
64	50.2	39.3	58.9
130	32.9	26.6	39.8

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BM
Ion 130.00 (129.70 to 130.70): E



#13

2-Methylphenol

Concen: 2.736 ng/ul

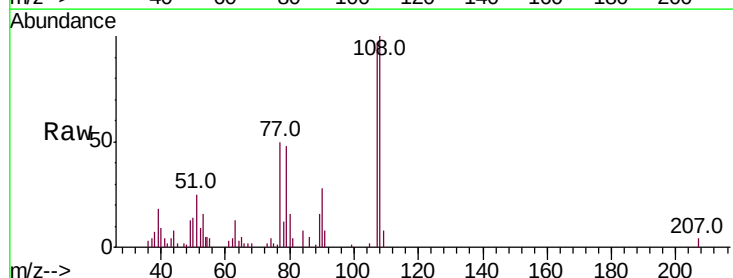
RT: 8.01 min Scan# 871

Delta R.T. 0.01 min

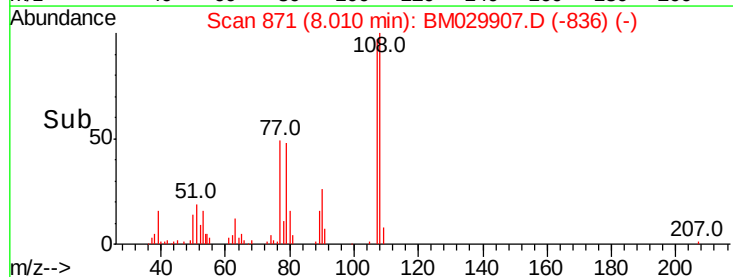
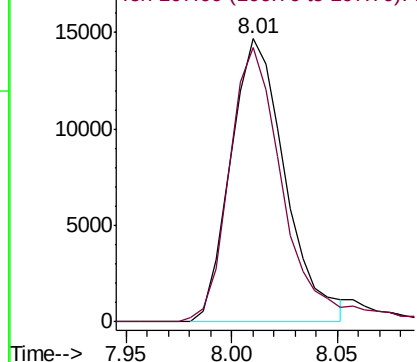
Lab File: BM029907.D

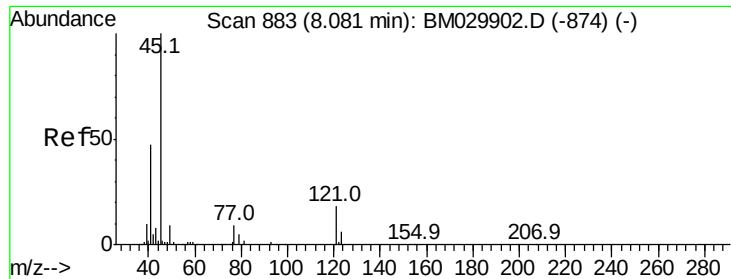
Acq: 10 May 2021 15:56

Tgt Ion:	108	Resp:	26305
Ion Ratio	Lower	Upper	
108	100		
107	96.8	73.8	110.6



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E





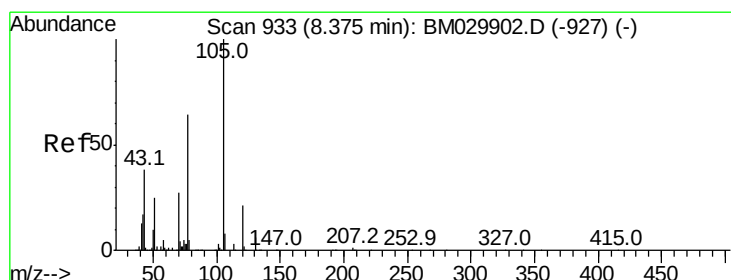
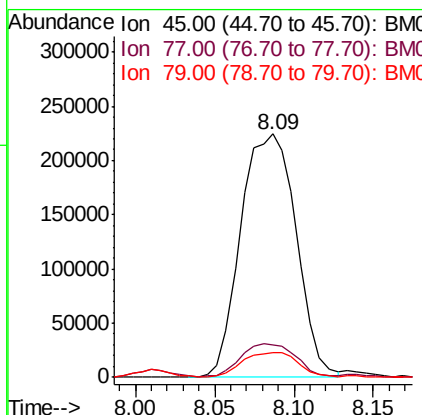
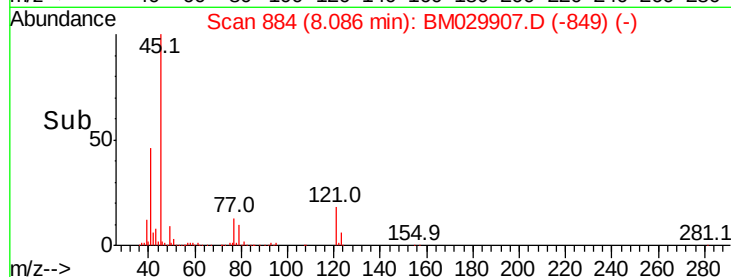
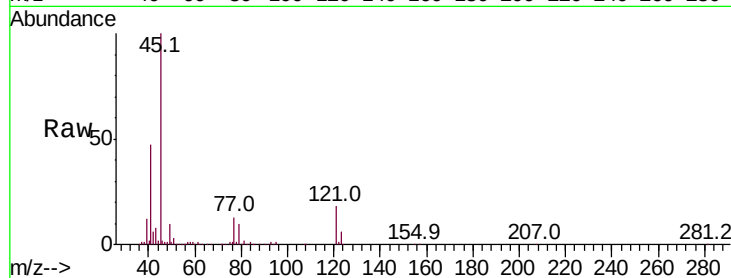
#14
2,2'-oxvbis(1-Chloropropane)
Concen: 36.077 ng/ul
RT: 8.09 min Scan# 884
Delta R.T. 0.01 min
Lab File: BM029907.D
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Tot Ion	Ratio	Lower	Upper
45	100		
77	13.4	12.3	18.5
79	10.0	9.1	13.7

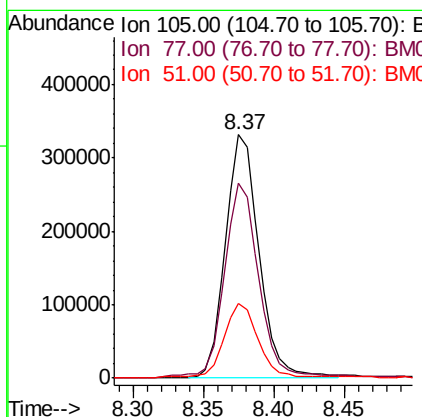
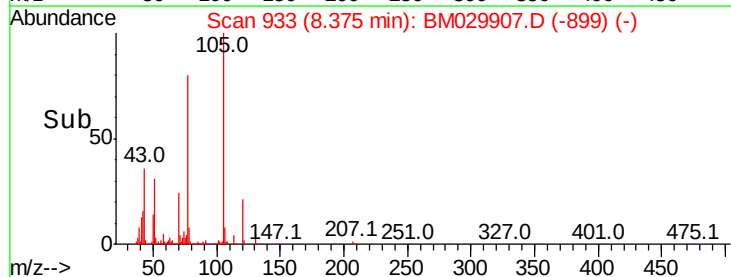
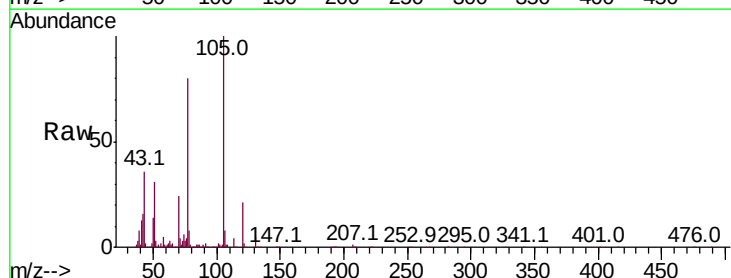
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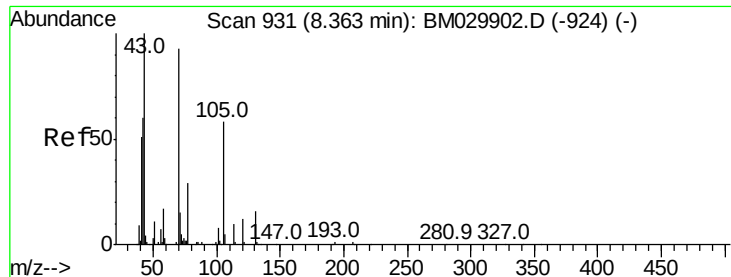
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#16
Acetophenone
Concen: 33.298 ng/ul
RT: 8.37 min Scan# 933
Delta R.T. 0.00 min
Lab File: BM029907.D
Acq: 10 May 2021 15:56

Tgt Ion	Ratio	Lower	Upper
105	100		
77	79.8	64.2	96.4
51	30.7	24.3	36.5





#17

N-Nitroso-di-n-propylamine

Concen: 35.586 ng/ul

RT: 8.36 min Scan# 931

Delta R.T. 0.00 min

Lab File: BM029907.D

Acq: 10 May 2021 15:56

Instrument :

BNA_M

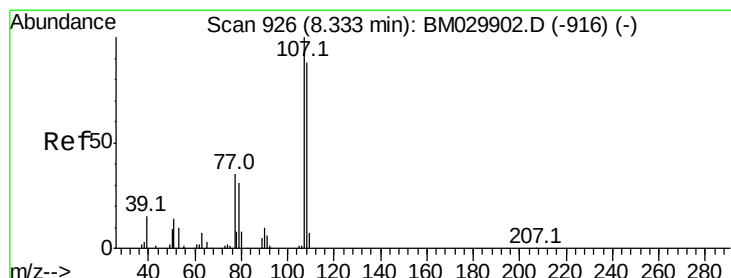
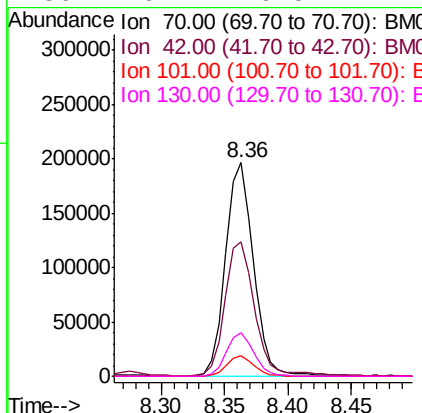
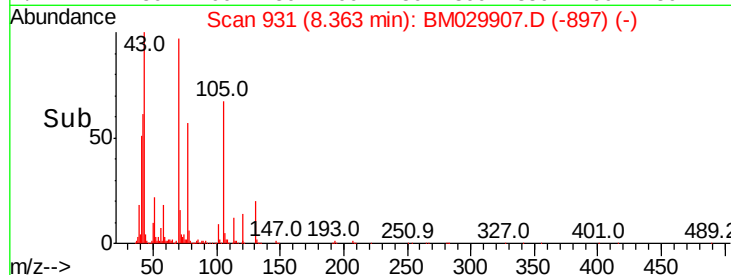
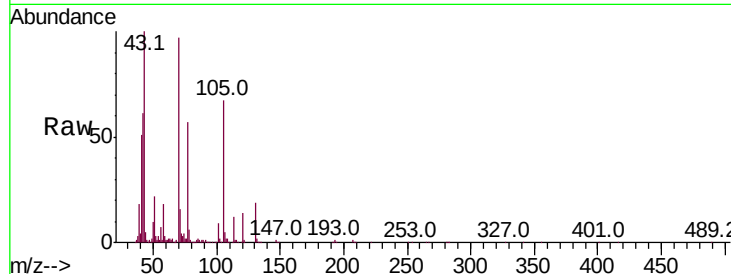
ClientSampleId :

A0AA0MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.1	49.4	74.0
101	9.7	7.8	11.6
130	20.2	16.5	24.7

Manual Integrations
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#18

4-Methylphenol

Concen: 2.631 ng/ul

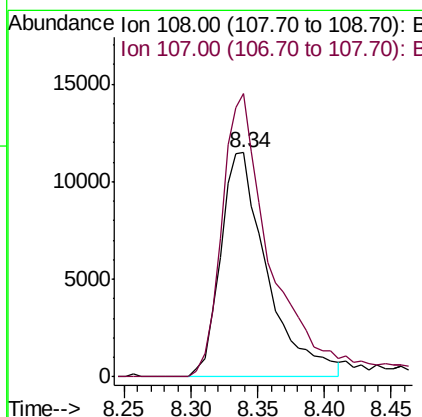
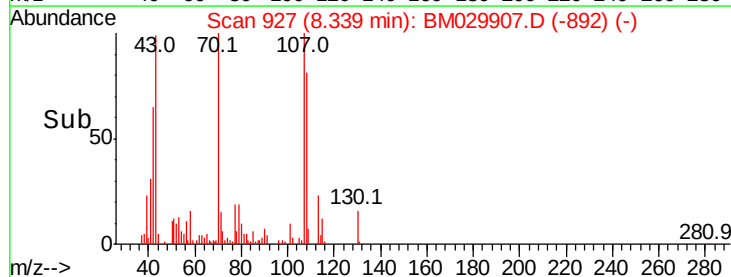
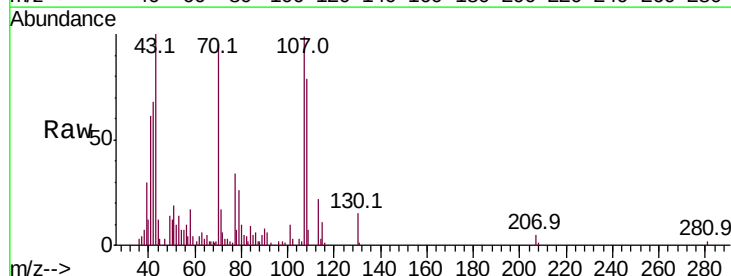
RT: 8.34 min Scan# 927

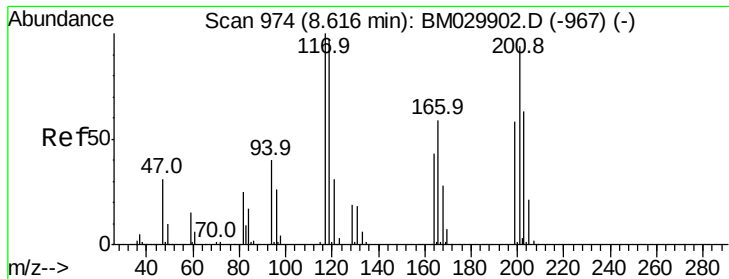
Delta R.T. 0.01 min

Lab File: BM029907.D

Acq: 10 May 2021 15:56

Tgt Ion	Ratio	Lower	Upper
108	100		
107	126.1	89.4	134.0





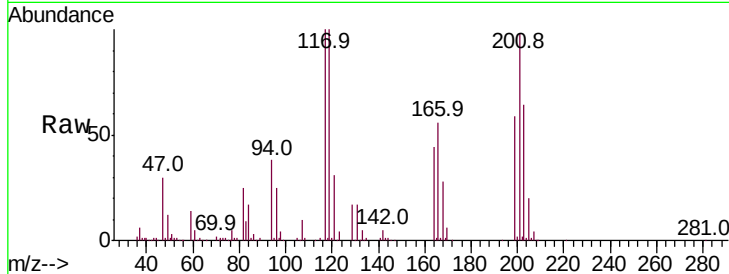
#19
Hexachloroethane
Concen: 33.651 ng/ul
RT: 8.62 min Scan# 974
Delta R.T. 0.00 min
Lab File: BM029907.D
Acq: 10 May 2021 15:56

Instrument :
BNA_M
ClientSampleId :
A0AA0MSD

Tot Ion	Ratio	Lower	Upper
117	100		
201	97.8	79.4	119.2
199	59.3	48.0	72.0

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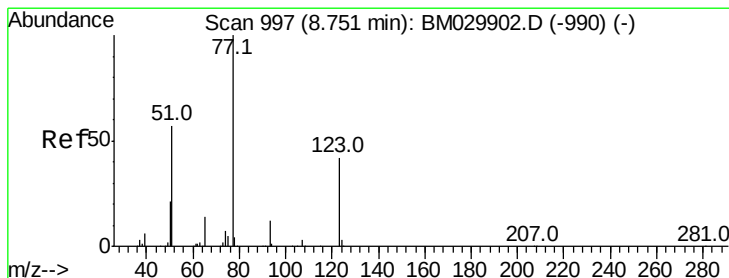
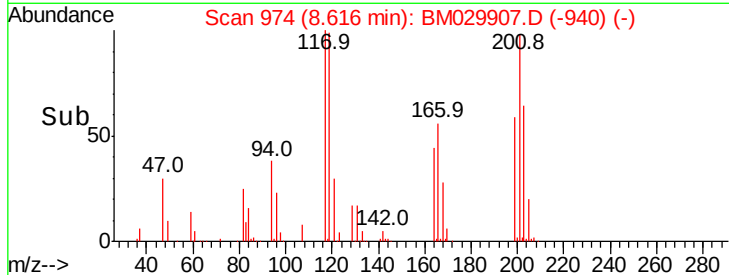
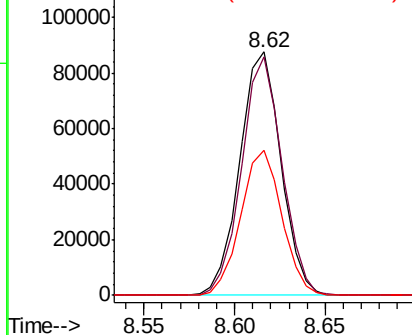


Abundance

Ion 117.00 (116.70 to 117.70): E

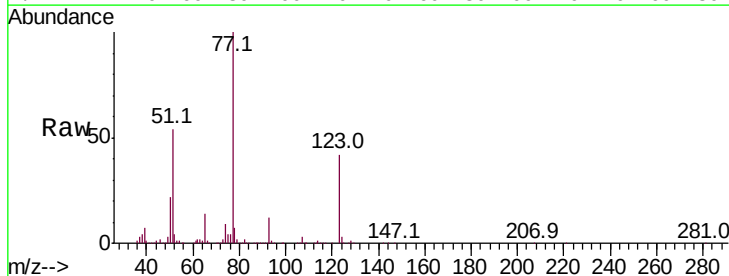
Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#22
Nitrobenzene
Concen: 39.598 ng/ul
RT: 8.75 min Scan# 997
Delta R.T. 0.00 min
Lab File: BM029907.D
Acq: 10 May 2021 15:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.9	35.0	52.6
65	13.5	10.3	15.5

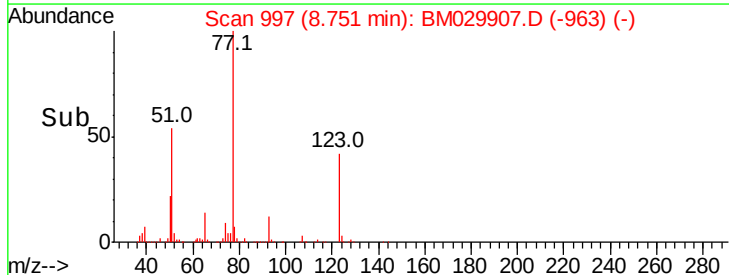
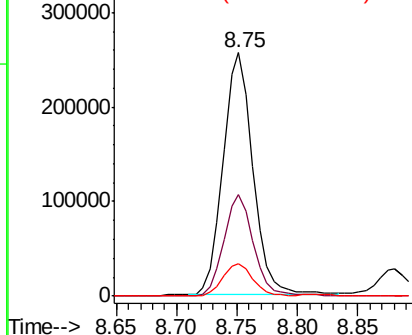


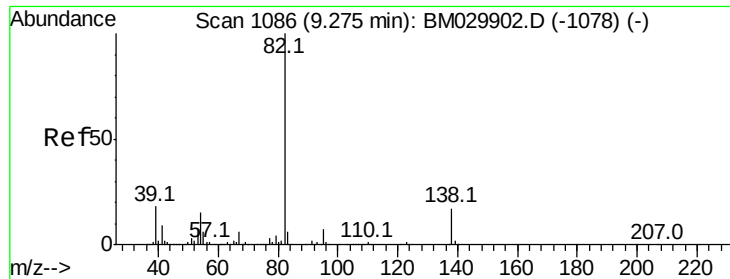
Abundance

Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#23

Isophorone

Concen: 35.493 ng/ul

RT: 9.27 min Scan# 1086

Delta R.T. 0.00 min

Lab File: BM029907.D

Acq: 10 May 2021 15:56

Instrument :

BNA_M

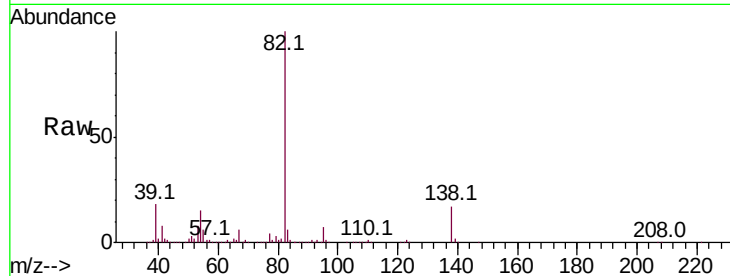
ClientSampleId :

A0AA0MSD

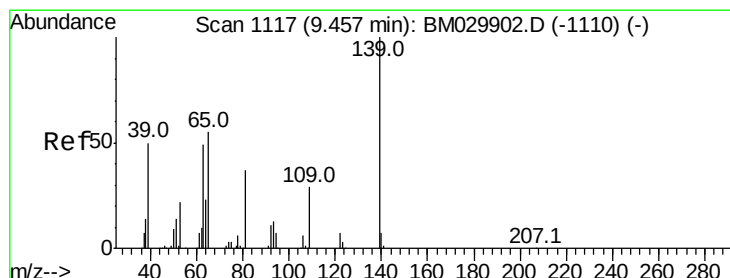
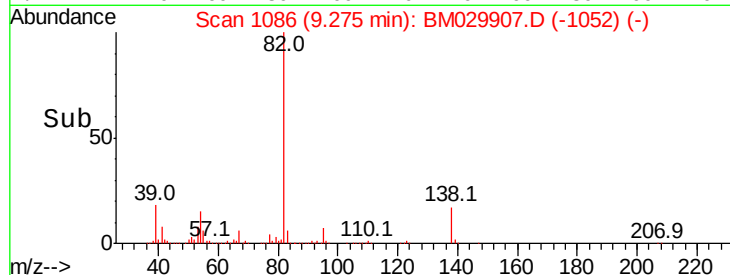
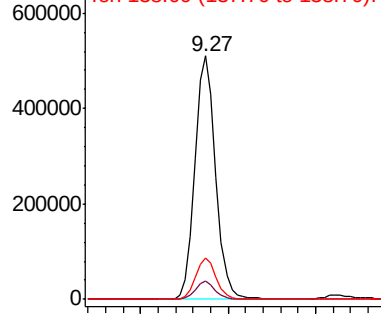
Tot Ion:	82	Resp:	829344
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.5	8.3
138	16.8	13.8	20.6

Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BM029907.D (-1052) (-)



#25

2-Nitrophenol

Concen: 38.100 ng/ul

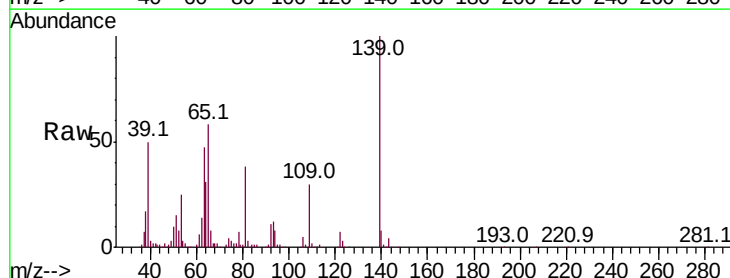
RT: 9.46 min Scan# 1117

Delta R.T. 0.00 min

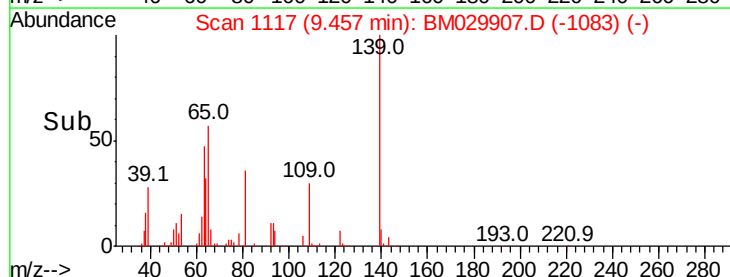
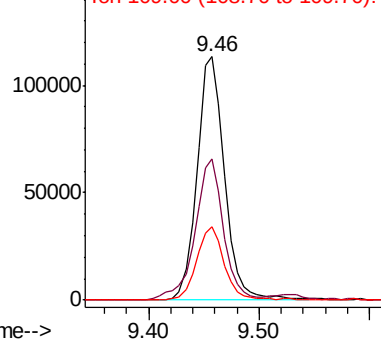
Lab File: BM029907.D

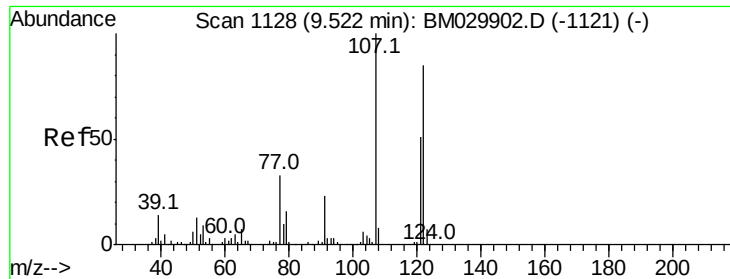
Acq: 10 May 2021 15:56

Tgt Ion:	139	Resp:	197930
Ion Ratio	Lower	Upper	
139	100		
65	58.0	44.6	67.0
109	30.0	24.4	36.6



Abundance Ion 139.00 (138.70 to 139.70): BM029907.D (-1083) (-)





#26

2,4-Dimethylphenol

Concen: 3.125 ng/ul

RT: 9.53 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BM029907.D

Acq: 10 May 2021 15:56

Instrument :

BNA_M

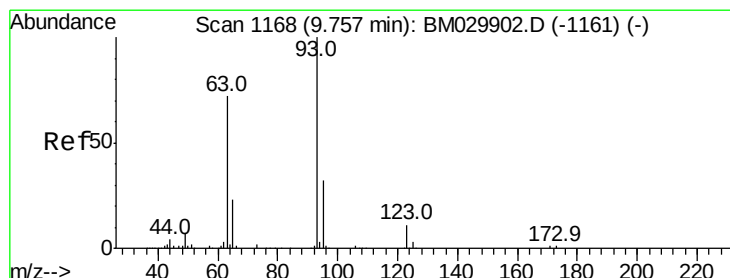
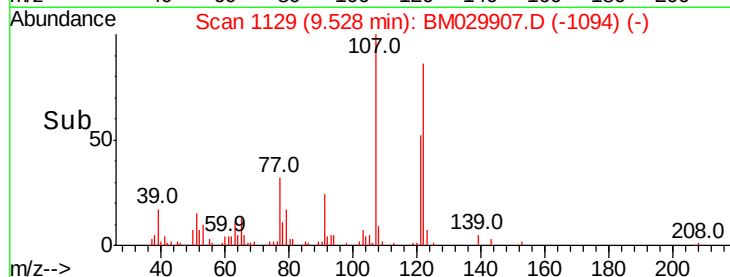
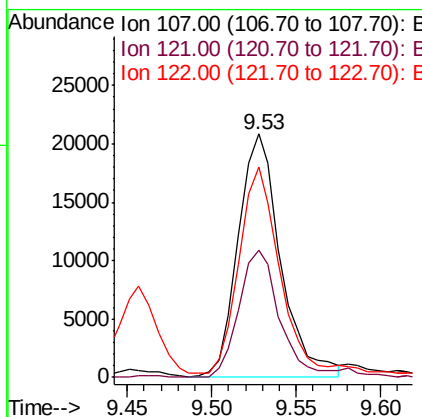
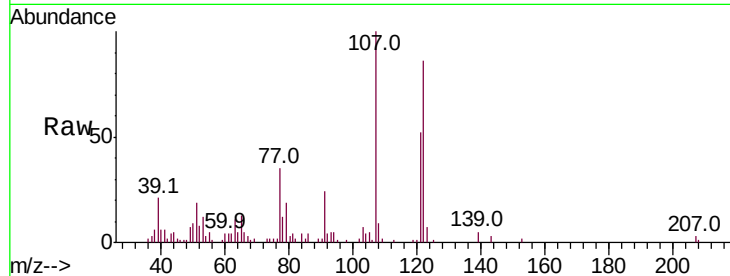
ClientSampled :

A0AA0MSD

Tot Ion:	107	Resp:	36636
Ion Ratio	Lower	Upper	
107	100		
121	52.1	40.7	61.1
122	86.3	68.9	103.3

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#27

Bis(2-Chloroethoxy)methane

Concen: 35.043 ng/ul

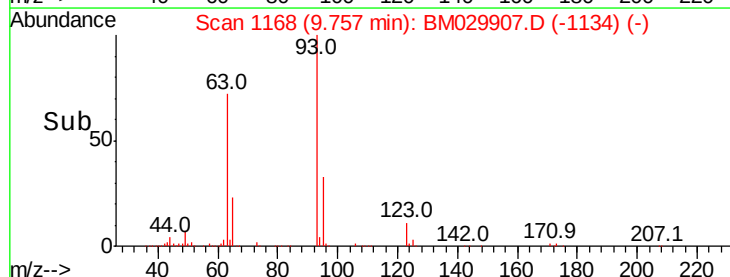
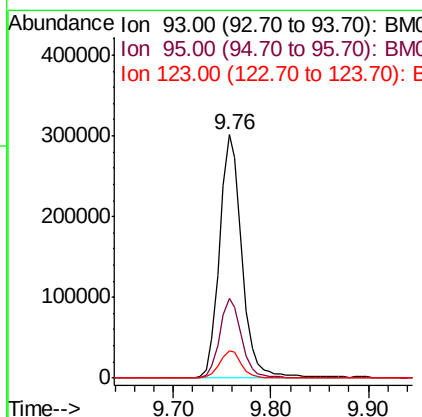
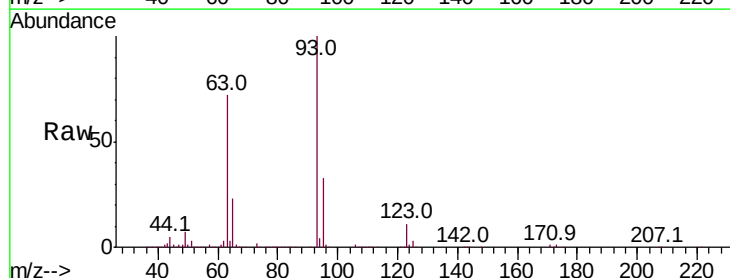
RT: 9.76 min Scan# 1168

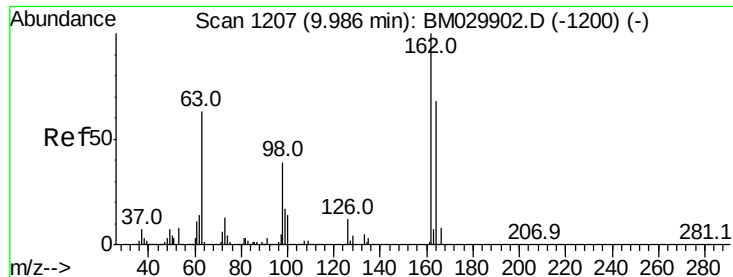
Delta R.T. 0.00 min

Lab File: BM029907.D

Acq: 10 May 2021 15:56

Tgt Ion:	93	Resp:	479592
Ion Ratio	Lower	Upper	
93	100		
95	32.6	25.3	37.9
123	11.0	8.8	13.2





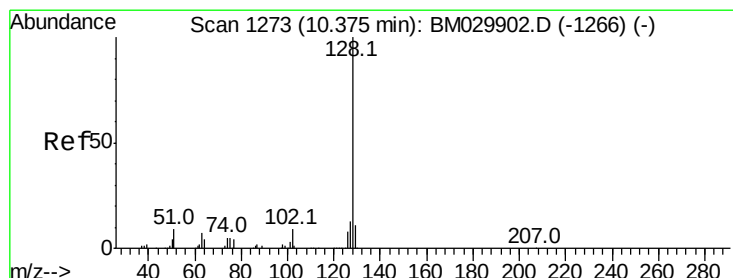
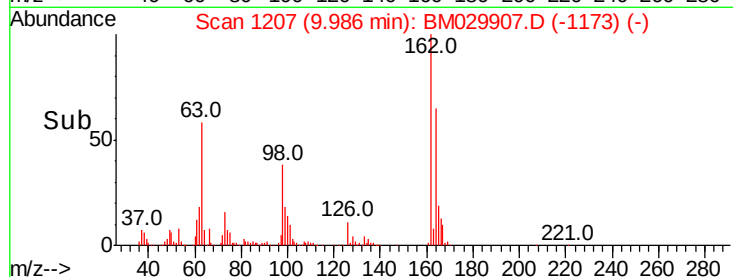
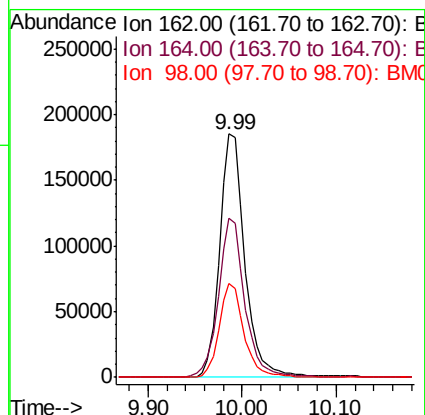
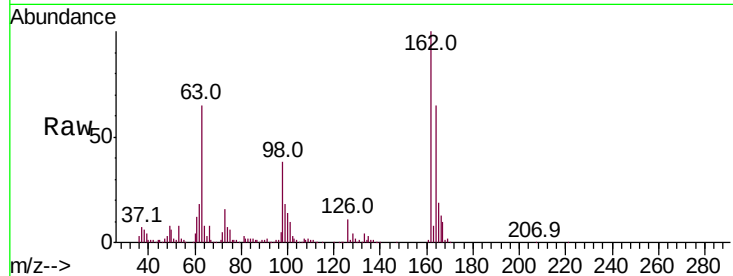
#29
2,4-Dichlorophenol
Concen: 36.899 ng/ul
RT: 9.99 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BM029907.D
Acq: 10 May 2021 15:56

Instrument :
BNA_M
ClientSampleId :
A0AA0MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	347688		
164	65.1	51.2	76.8	
98	38.4	29.7	44.5	

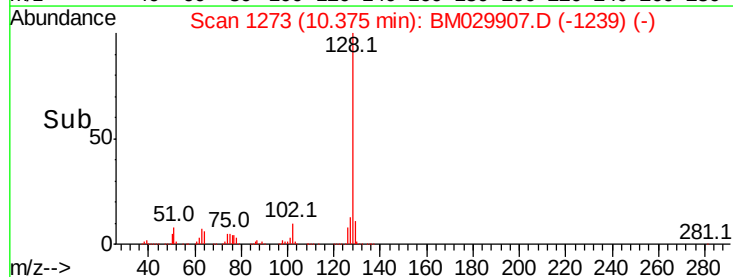
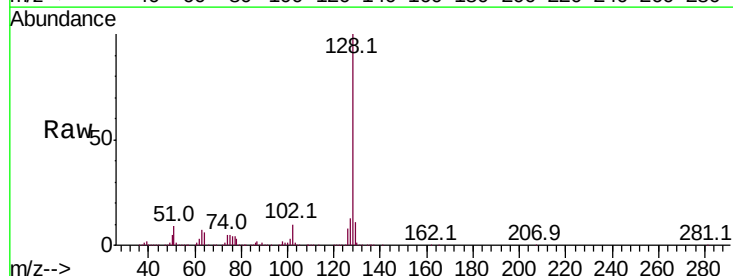
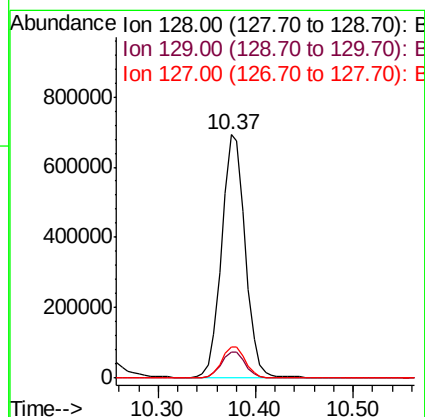
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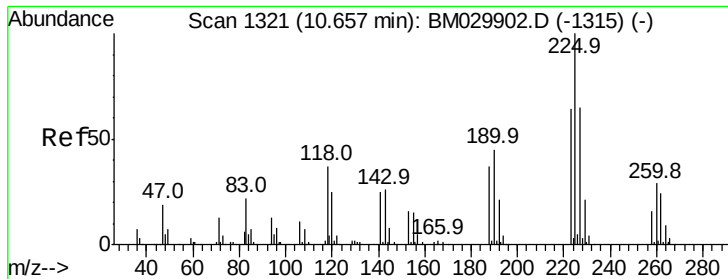
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#30
Naphthalene
Concen: 33.966 ng/ul
RT: 10.37 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BM029907.D
Acq: 10 May 2021 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	1159833		
129	10.8	8.5	12.7	
127	12.9	10.4	15.6	





#33

Hexachlorobutadiene

Concen: 32.999 ng/ul

RT: 10.66 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BM029907.D

Acq: 10 May 2021 15:56

Instrument :

BNA_M

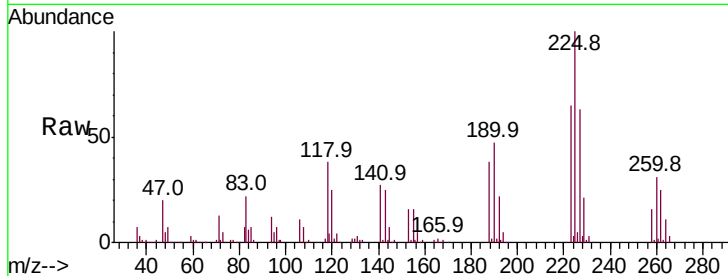
ClientSampleId :

A0AA0MSD

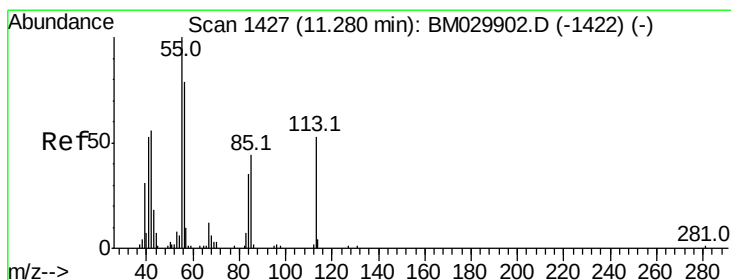
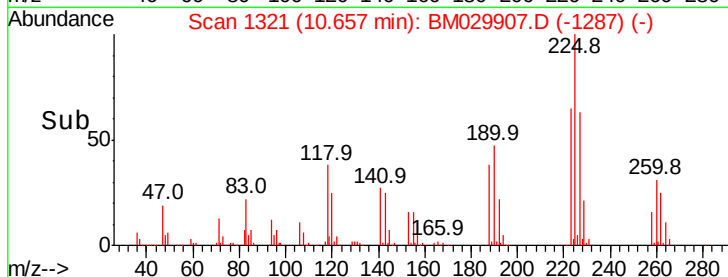
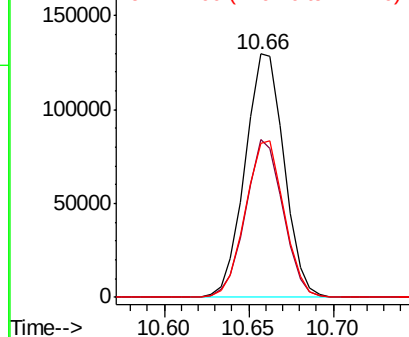
Tot Ion:	225	Resp:	208482
Ion Ratio	Lower	Upper	
225	100		
223	64.6	53.0	79.4
227	63.4	51.2	76.8

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Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



#34

Caprolactam

Concen: 4.875 ng/ul m

RT: 11.34 min Scan# 1437

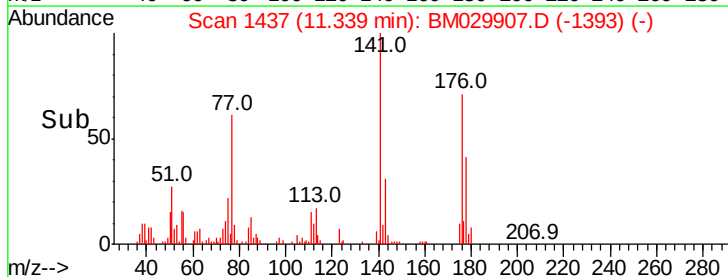
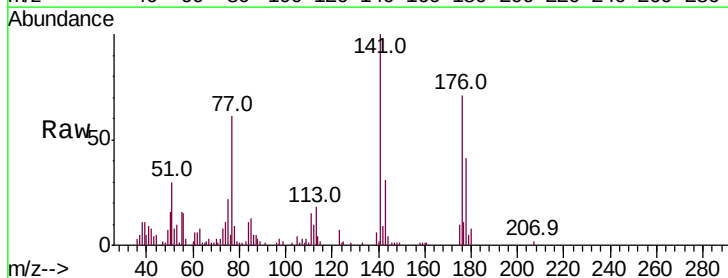
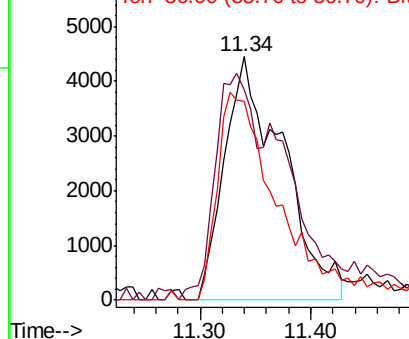
Delta R.T. 0.06 min

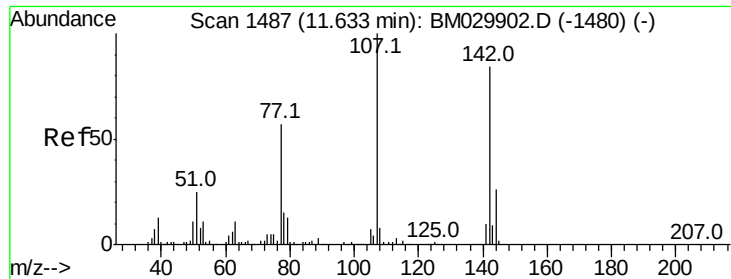
Lab File: BM029907.D

Acq: 10 May 2021 15:56

Tgt Ion:	113	Resp:	16301
Ion Ratio	Lower	Upper	
113	100		
55	86.4	138.9	208.3#
56	81.9	105.4	158.2#

Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BM0
Ion 56.00 (55.70 to 56.70): BM0





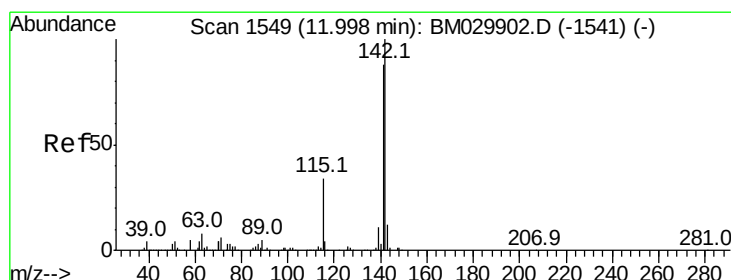
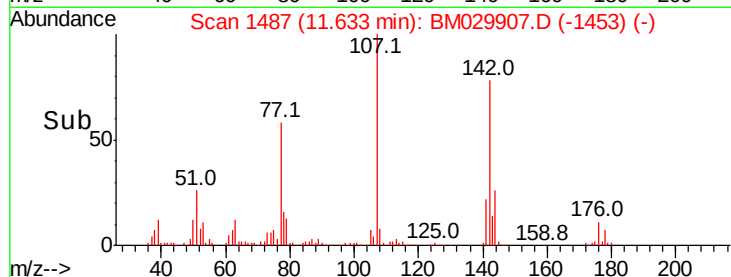
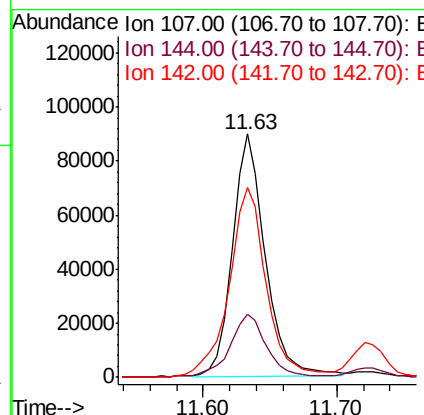
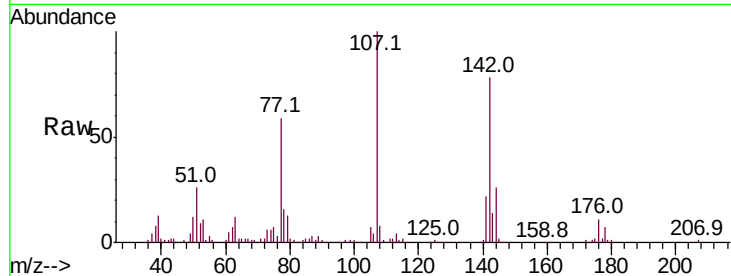
#35
 4-Chloro-3-methylphenol
 Concen: 14.788 ng/ul
 RT: 11.63 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: BM029907.D
 Acq: 10 May 2021 15:56

Instrument :
 BNA_M
 ClientSampleId :
 A0AA0MSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	25.8	21.3	31.9
142	78.0	64.6	97.0

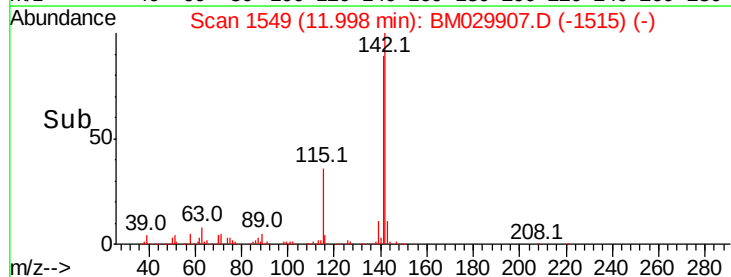
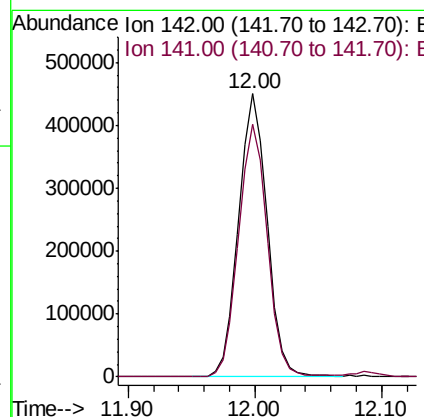
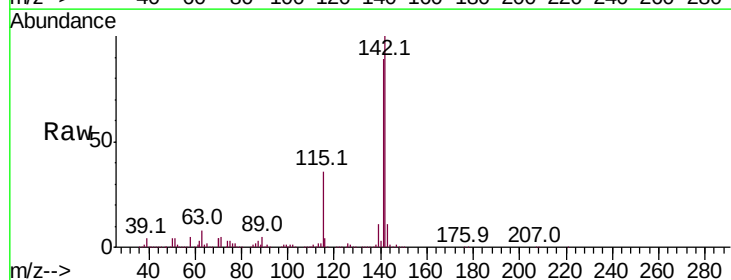
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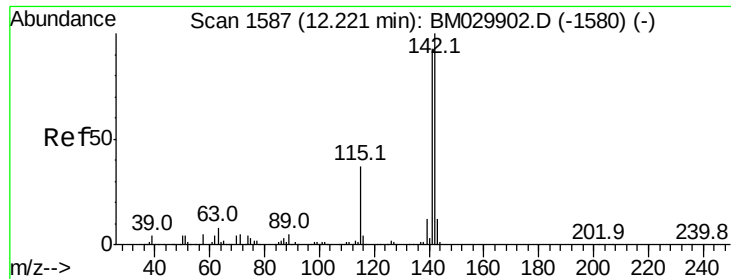
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#36
 2-Methylnaphthalene
 Concen: 28.283 ng/ul
 RT: 12.00 min Scan# 1549
 Delta R.T. 0.00 min
 Lab File: BM029907.D
 Acq: 10 May 2021 15:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.1	108.1





#37

1-Methylnaphthalene

Concen: 31.050 ng/ul

RT: 12.22 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BM029907.D

Acq: 10 May 2021 15:56

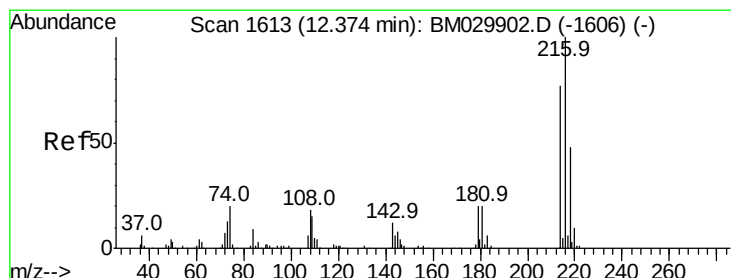
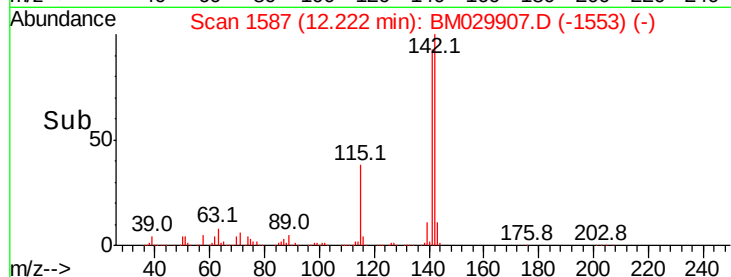
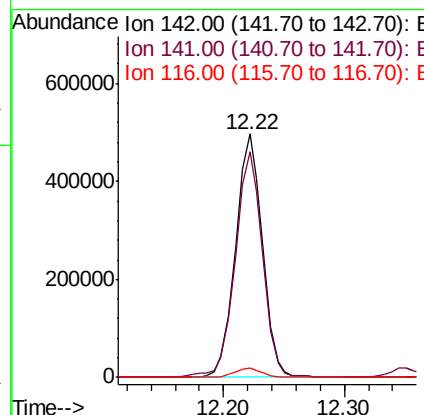
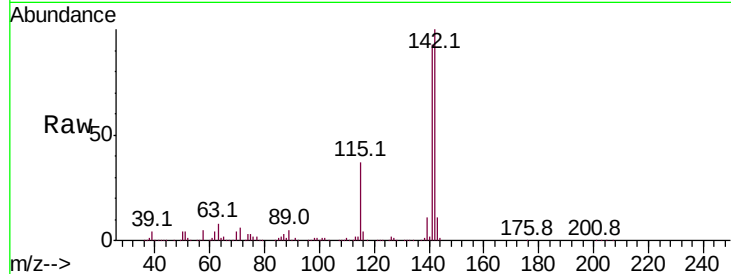
Instrument :
BNA_M

ClientSampleId :
A0AA0MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.6	72.9	109.3
116	3.9	3.0	4.6

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.649 ng/ul

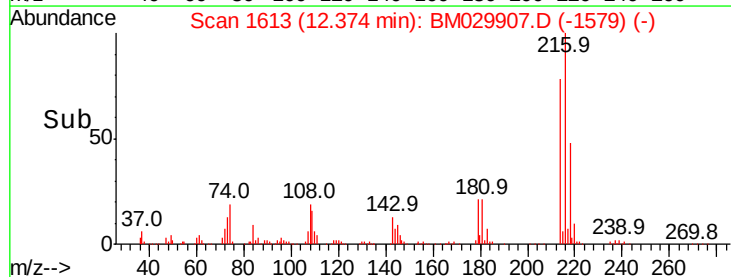
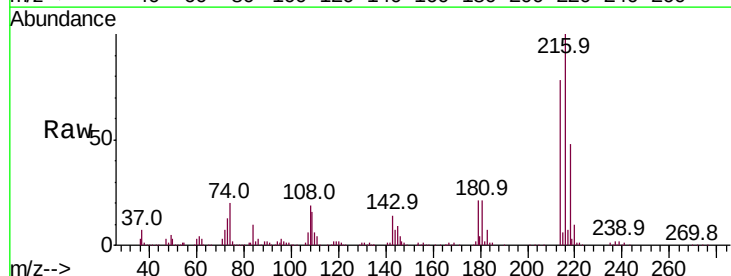
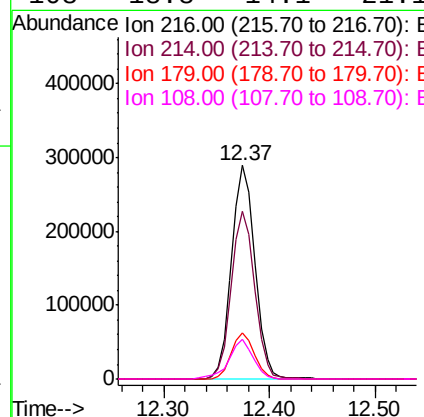
RT: 12.37 min Scan# 1613

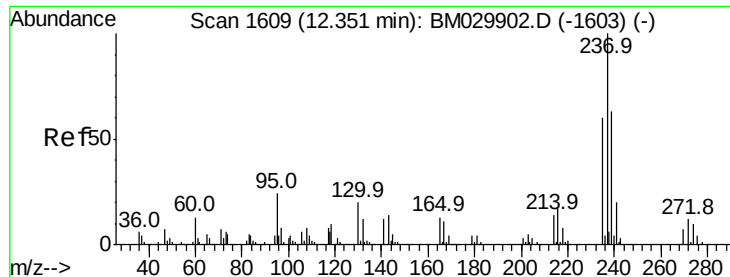
Delta R.T. 0.00 min

Lab File: BM029907.D

Acq: 10 May 2021 15:56

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	61.9	92.9
179	21.3	16.8	25.2
108	18.8	14.1	21.1





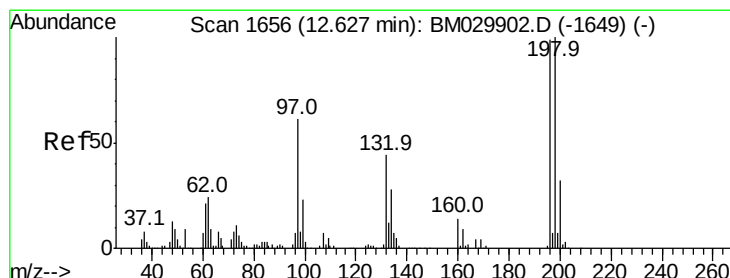
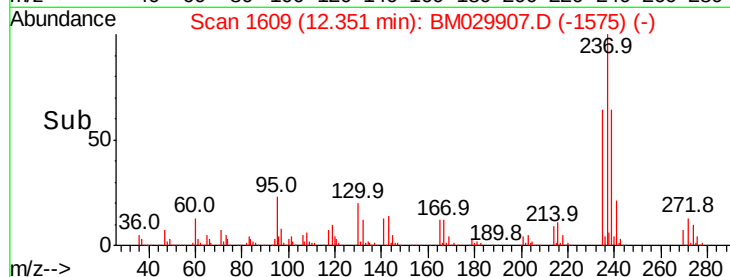
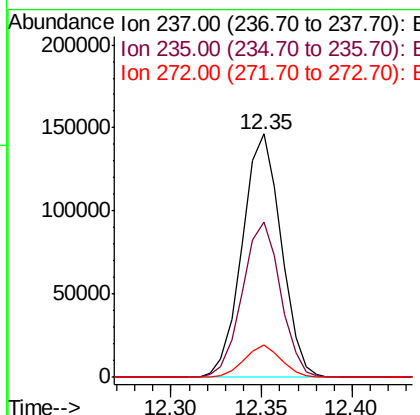
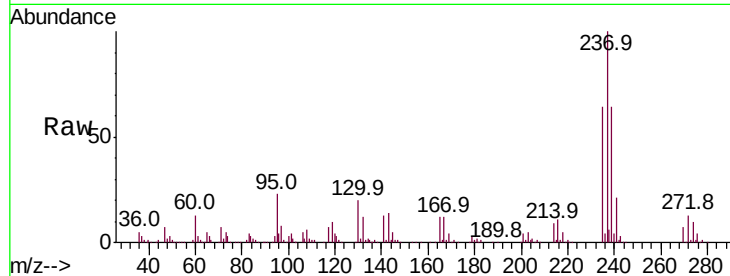
#40
Hexachlorocyclopentadiene
Concen: 33.828 ng/ul
RT: 12.35 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BM029907.D
Acq: 10 May 2021 15:56

Instrument :
BNA_M
ClientSampleId :
A0AA0MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100	218870		
235	63.6	50.0	75.0	
272	13.8	10.2	15.2	

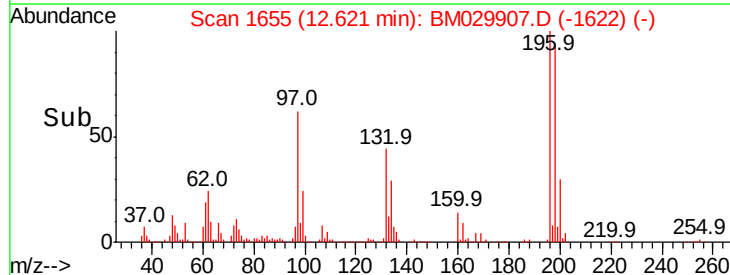
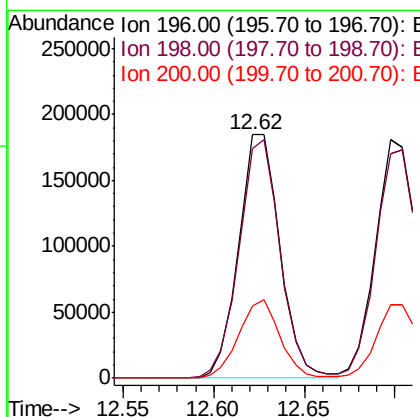
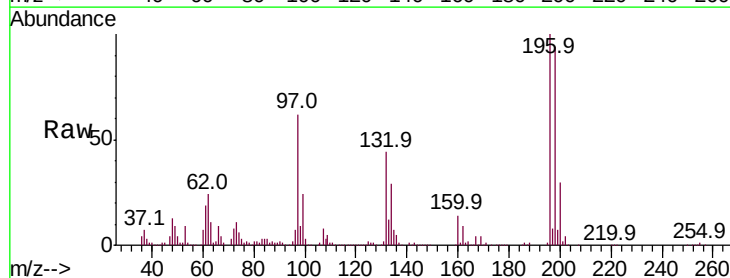
Manual Integrations
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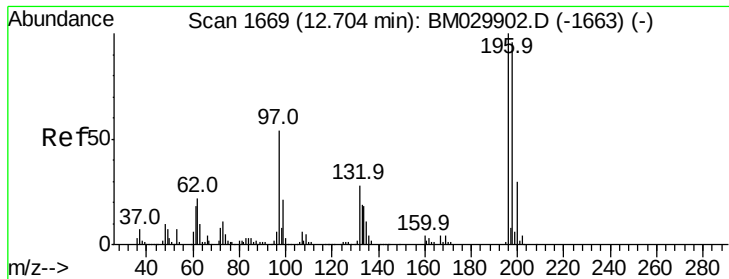
mohammad
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#41
2,4,6-Trichlorophenol
Concen: 38.639 ng/ul
RT: 12.62 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BM029907.D
Acq: 10 May 2021 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	293487		
198	94.3	77.0	115.4	
200	29.9	23.7	35.5	





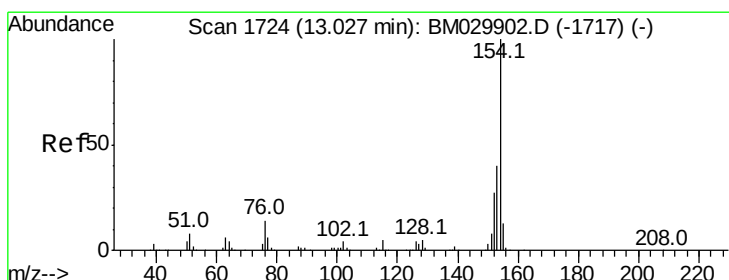
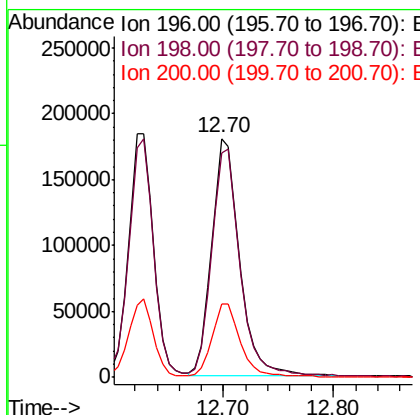
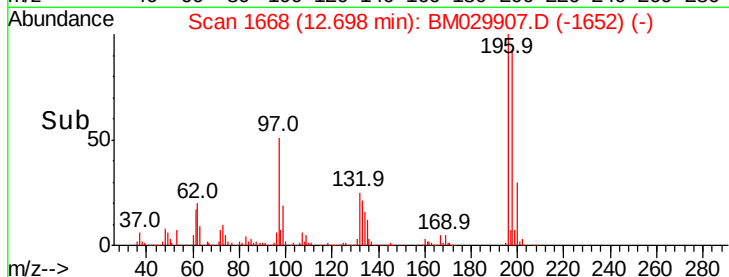
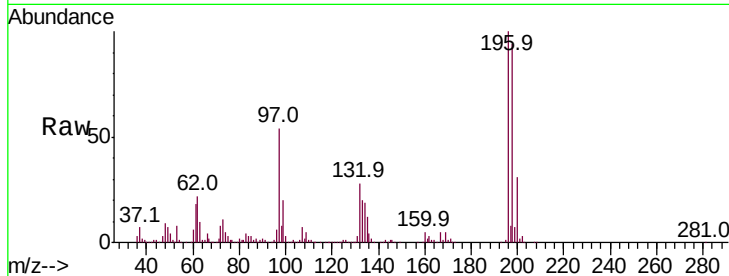
#42
 2,4,5-Trichlorophenol
 Concen: 38.875 ng/ul
 RT: 12.70 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM029907.D
 Acq: 10 May 2021 15:56

Instrument :
 BNA_M
 ClientSampled :
 A0AA0MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	312505		
198	94.3	75.3	112.9	
200	30.9	24.6	36.8	

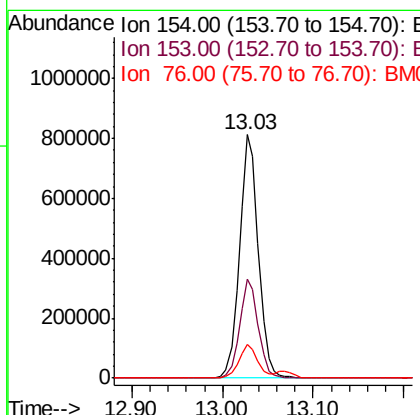
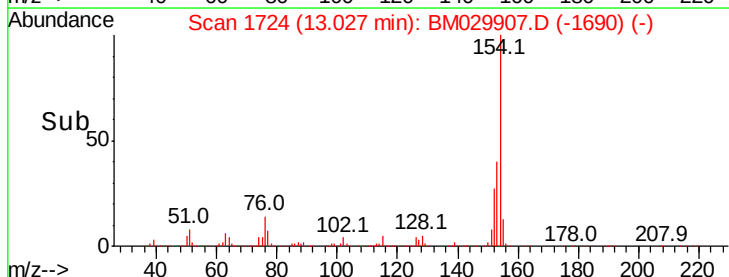
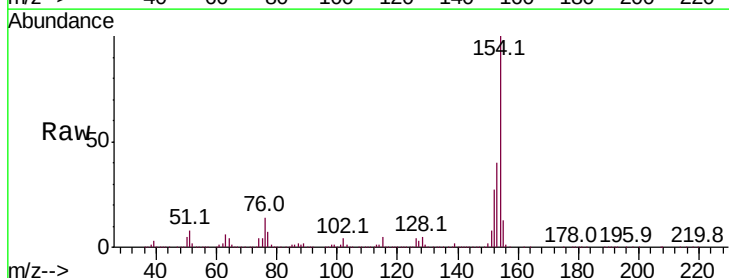
Manual Integrations
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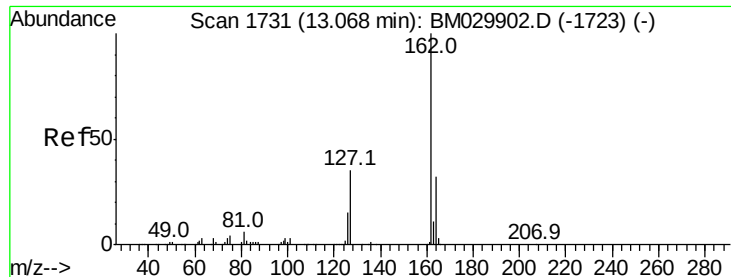
mohammad
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#43
 1,1'-Biphenyl
 Concen: 37.430 ng/ul
 RT: 13.03 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BM029907.D
 Acq: 10 May 2021 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1172826		
153	40.4	33.3	49.9	
76	13.9	10.3	15.5	





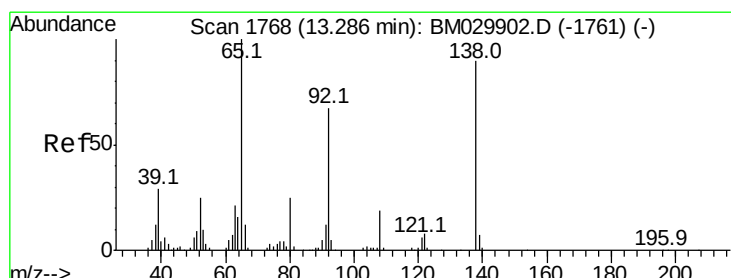
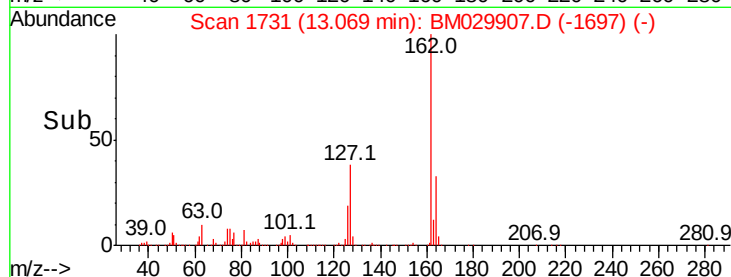
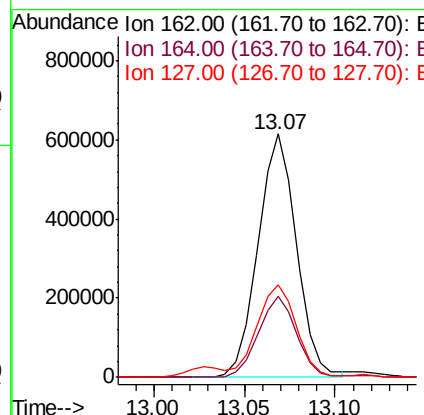
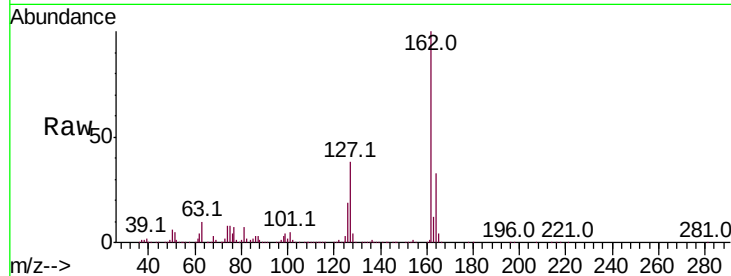
#44
 2-Chloronaphthalene
 Concen: 37.665 ng/ul
 RT: 13.07 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BM029907.D
 Acq: 10 May 2021 15:56

Instrument :
 BNA_M
 ClientSampleId :
 A0AA0MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	33.1	25.8	38.6
127	38.0	31.0	46.6

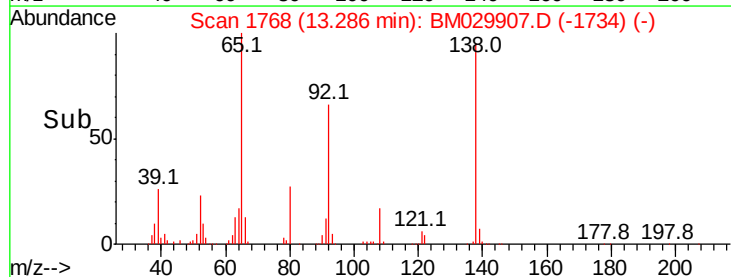
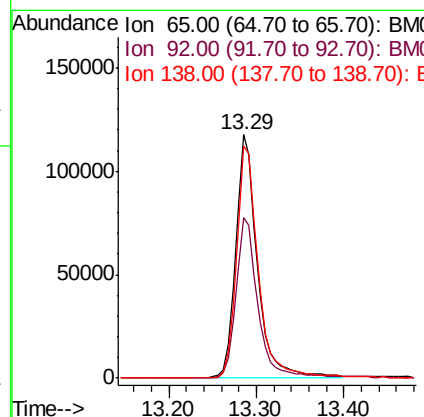
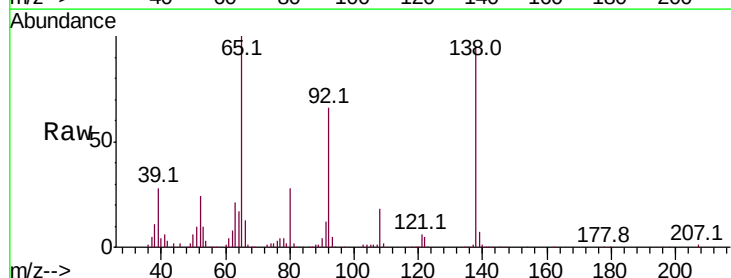
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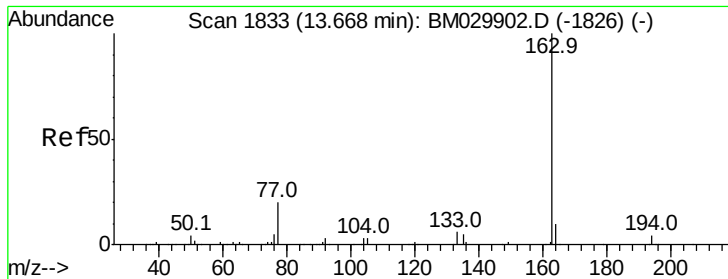
mohammad
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#45
 2-Nitroaniline
 Concen: 32.783 ng/ul
 RT: 13.29 min Scan# 1768
 Delta R.T. 0.00 min
 Lab File: BM029907.D
 Acq: 10 May 2021 15:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.0	53.2	79.8
138	95.4	81.1	121.7





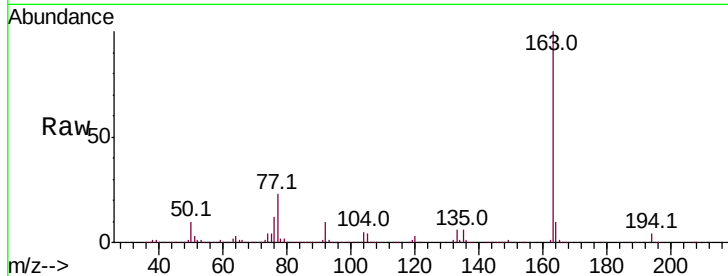
#47
Dimethylphthalate
Concen: 42.236 ng/ul
RT: 13.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: BM029907.D
Acq: 10 May 2021 15:56

Instrument :
BNA_M
ClientSampleId :
A0AA0MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.1	7.8	11.8

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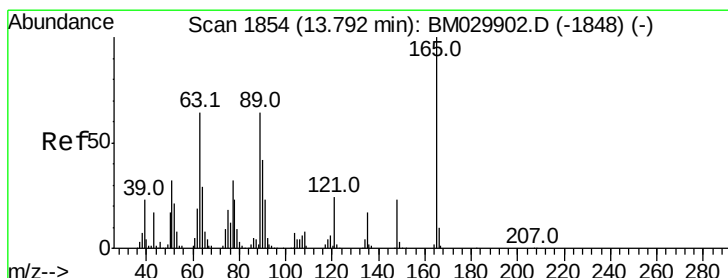
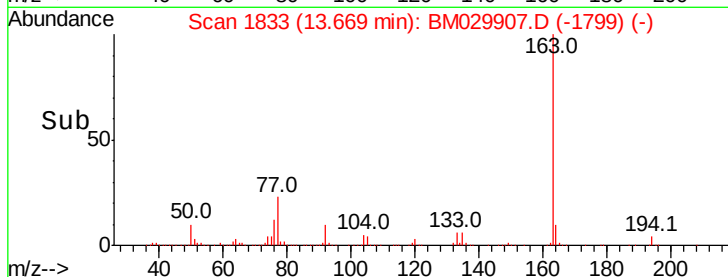
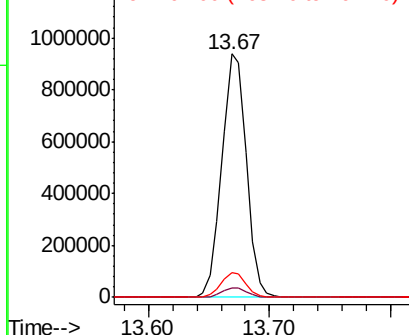


Abundance

Ion 163.00 (162.70 to 163.70): E

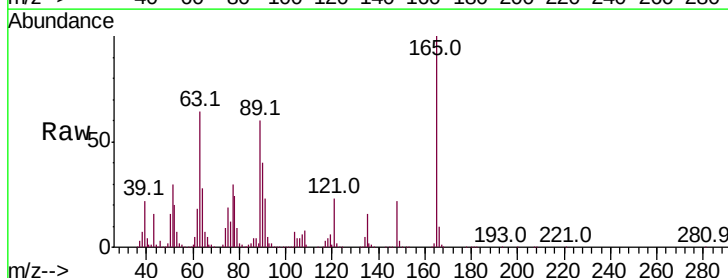
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2,6-Dinitrotoluene
Concen: 47.210 ng/ul
RT: 13.79 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BM029907.D
Acq: 10 May 2021 15:56

Tgt Ion	Ratio	Lower	Upper
165	100		
89	60.3	52.5	78.7
121	22.6	18.8	28.2

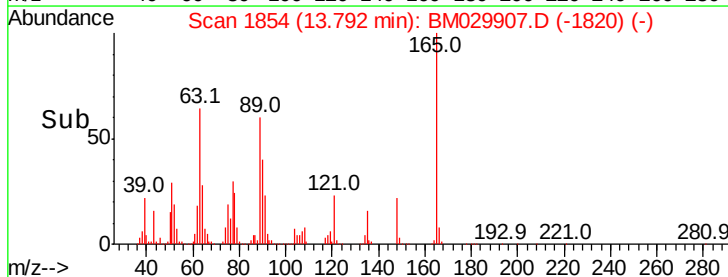
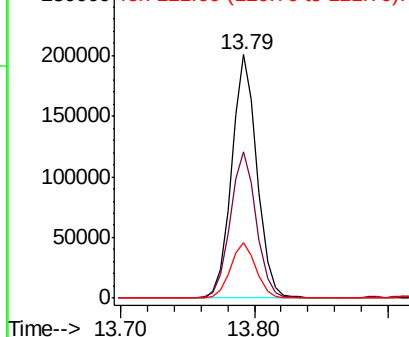


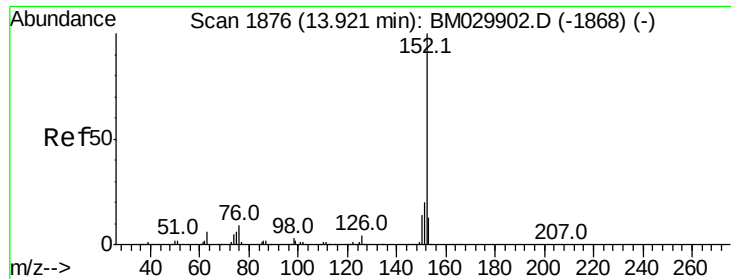
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM

Ion 121.00 (120.70 to 121.70): E





#50

Acenaphthylene

Concen: 24.062 ng/ul

RT: 13.92 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BM029907.D

Acq: 10 May 2021 15:56

Instrument :

BNA_M

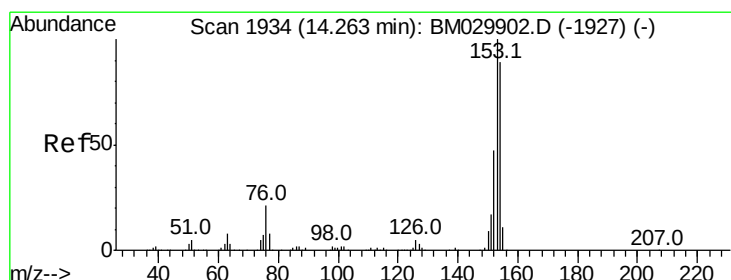
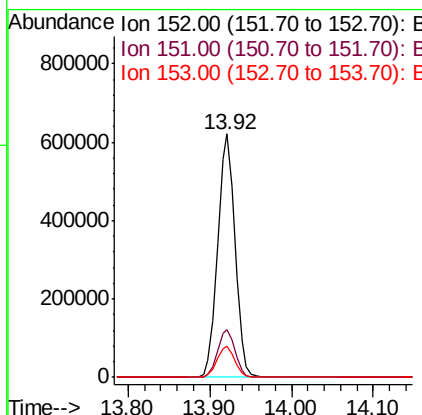
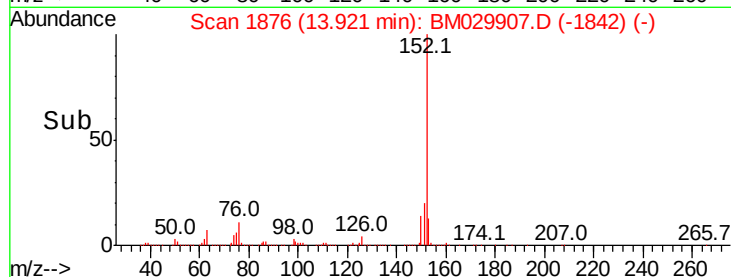
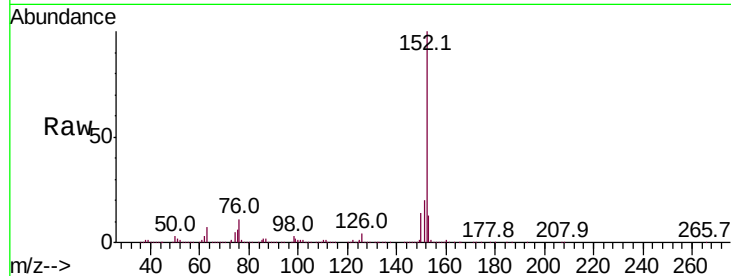
ClientSampleId :

A0AA0MSD

Tot Ion:	152	Resp:	921422
Ion Ratio	Lower	Upper	
152	100		
151	19.6	16.6	24.8
153	12.8	10.6	16.0

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#52

Acenaphthene

Concen: 31.573 ng/ul

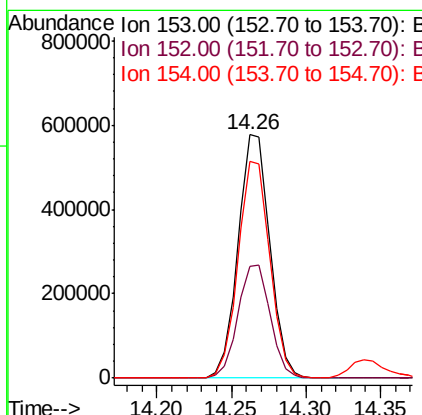
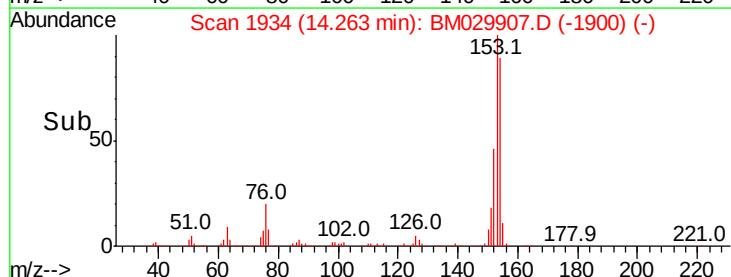
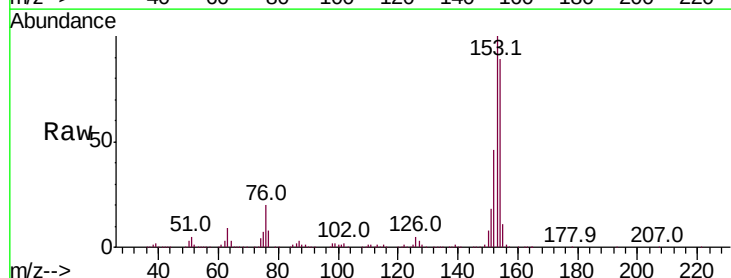
RT: 14.26 min Scan# 1934

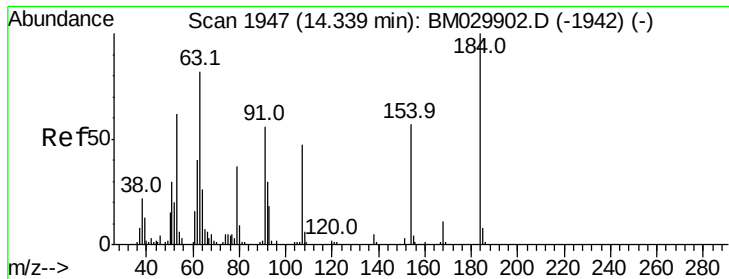
Delta R.T. 0.00 min

Lab File: BM029907.D

Acq: 10 May 2021 15:56

Tgt Ion:	153	Resp:	854463
Ion Ratio	Lower	Upper	
153	100		
152	46.1	37.7	56.5
154	89.0	70.2	105.4





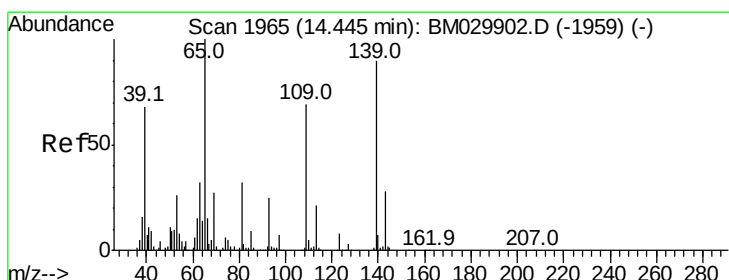
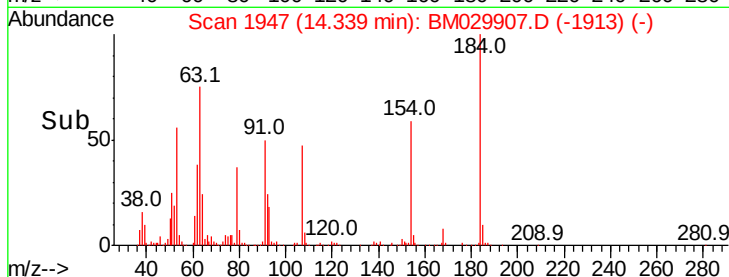
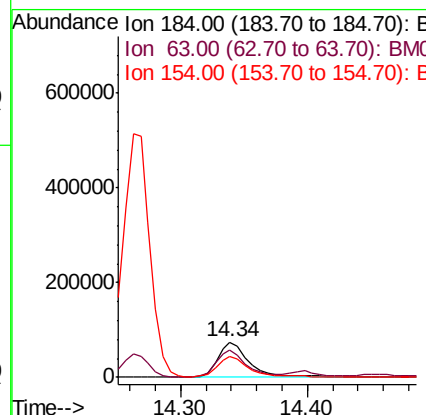
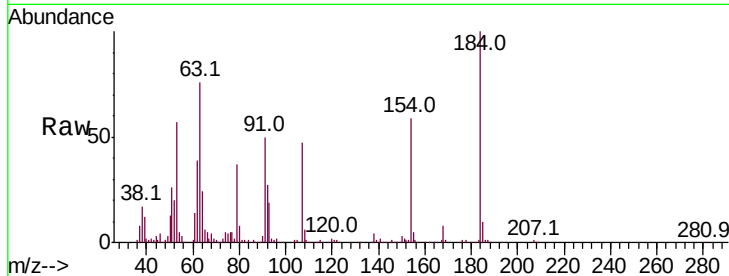
#53
2,4-Dinitrophenol
Concen: 33.890 ng/ul
RT: 14.34 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BM029907.D
Acq: 10 May 2021 15:56

Instrument :
BNA_M
ClientSampleId :
A0AA0MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	76.2	57.2	85.8	
154	59.5	45.8	68.6	

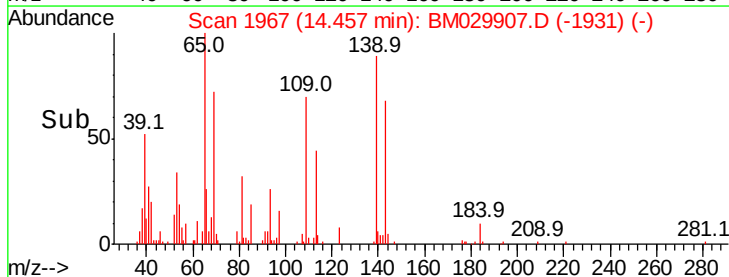
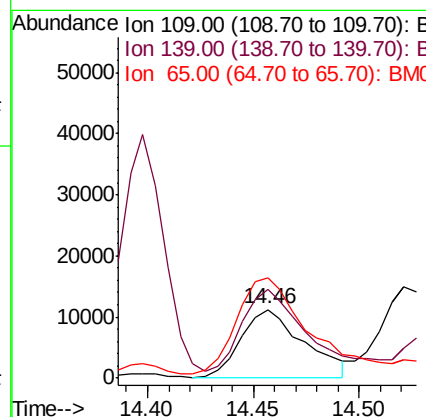
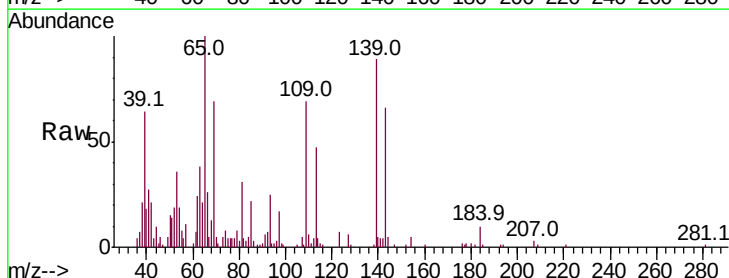
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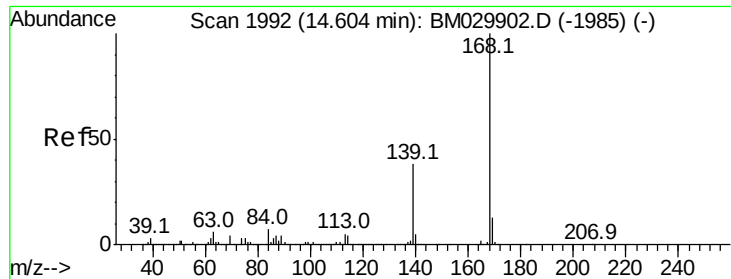
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#55
4-Nitrophenol
Concen: 5.986 ng/ul
RT: 14.46 min Scan# 1967
Delta R.T. 0.01 min
Lab File: BM029907.D
Acq: 10 May 2021 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
109	100			
139	129.8	102.1	153.1	
65	145.7	114.6	172.0	





#56

Dibenzenofuran

Concen: 40.412 ng/ul

RT: 14.60 min Scan# 1992

Delta R.T. 0.00 min

Lab File: BM029907.D

Acq: 10 May 2021 15:56

Instrument :

BNA_M

ClientSampleId :

A0AA0MSD

Tot Ion:168 Resp: 1497953

Ion Ratio Lower Upper

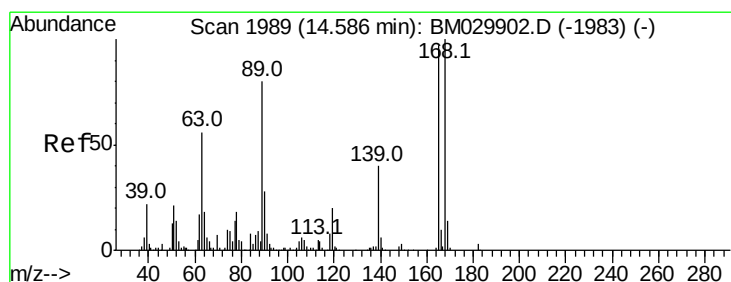
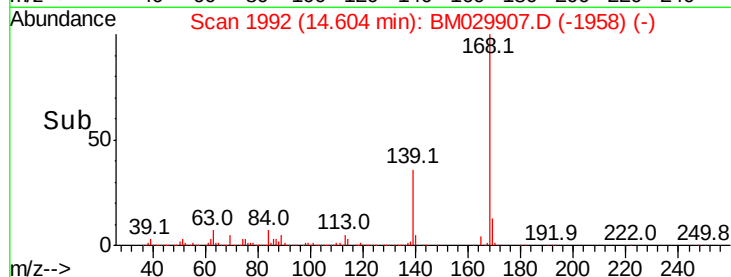
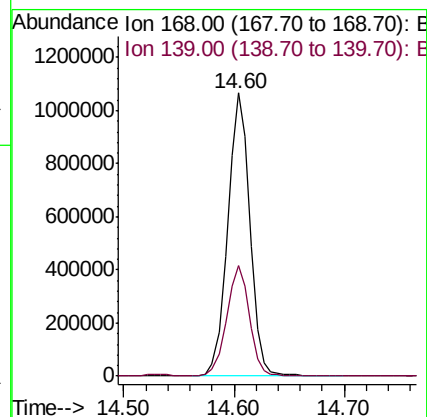
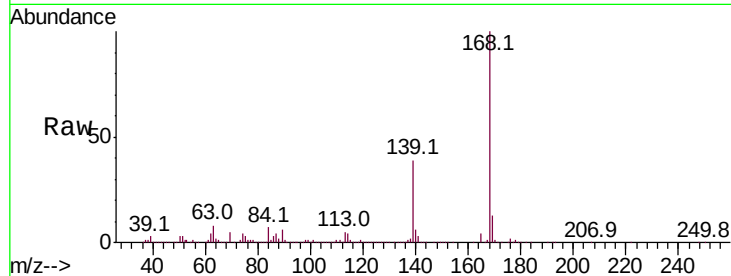
168 100

139 39.0 29.8 44.6

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#57

2,4-Dinitrotoluene

Concen: 45.401 ng/ul

RT: 14.59 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BM029907.D

Acq: 10 May 2021 15:56

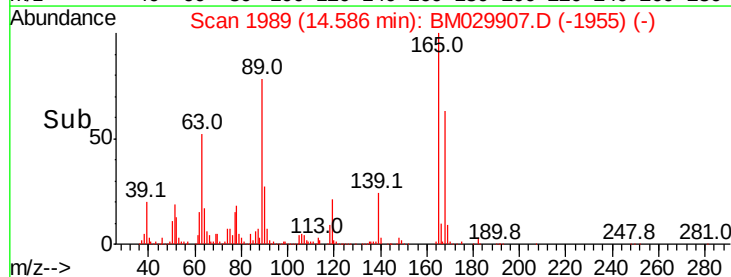
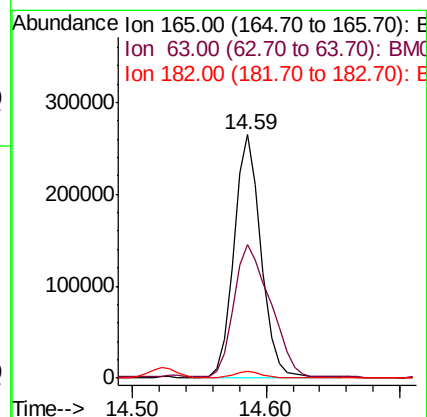
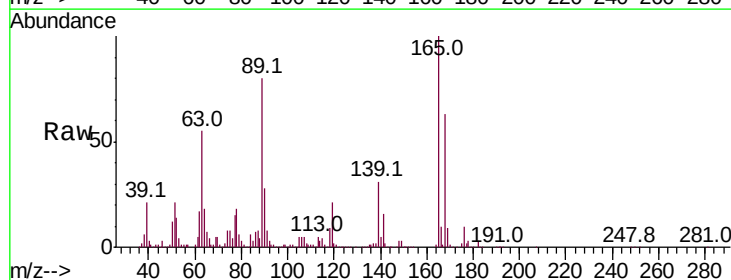
Tgt Ion:165 Resp: 377303

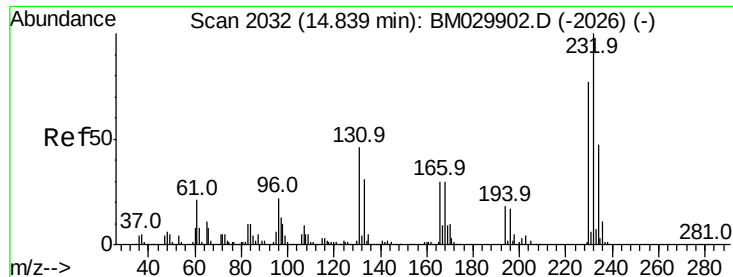
Ion Ratio Lower Upper

165 100

63 55.0 40.7 61.1

182 2.7 2.1 3.1





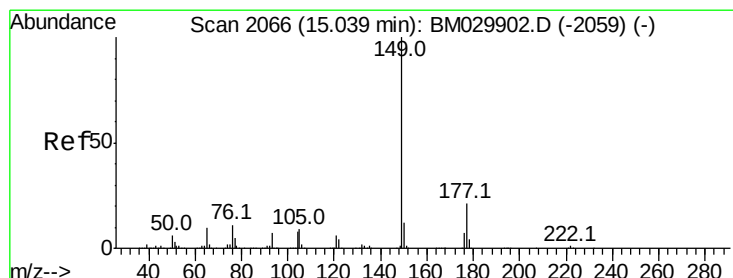
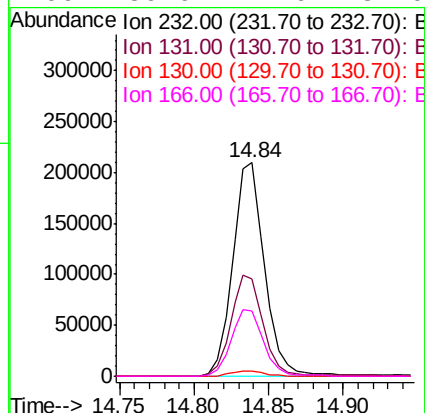
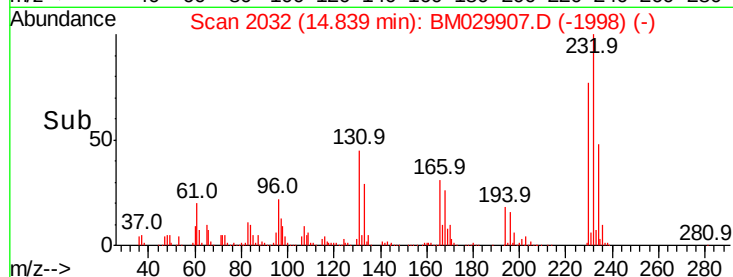
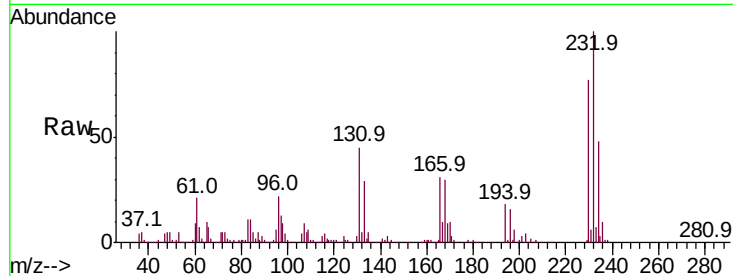
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.671 ng/ul
 RT: 14.84 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BM029907.D
 Acq: 10 May 2021 15:56

Instrument :
 BNA_M
 ClientSampleId :
 A0AA0MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	311330		
131	45.3		38.3	57.5
130	2.6		2.0	3.0
166	30.6		24.6	37.0

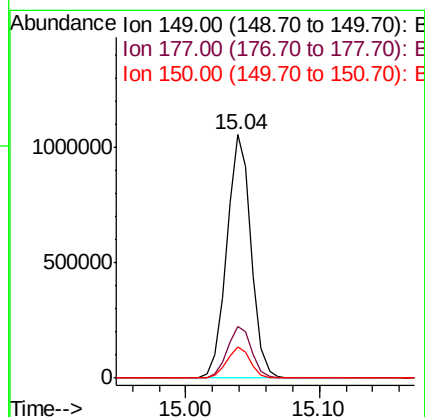
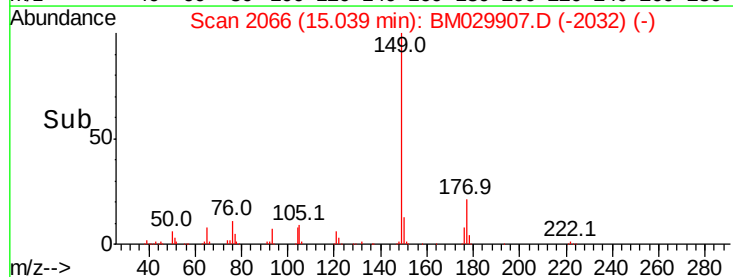
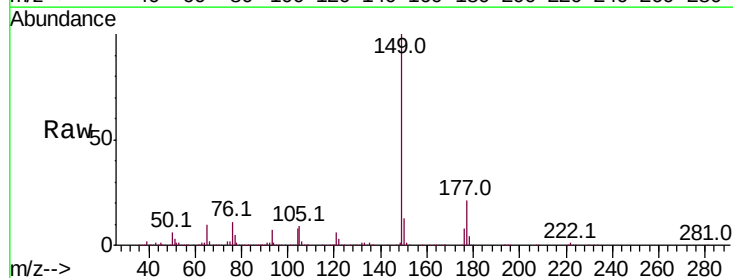
Manual Integrations
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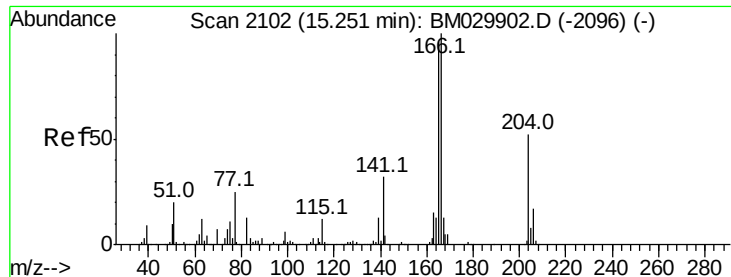
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#59
 Diethylphthalate
 Concen: 41.363 ng/ul
 RT: 15.04 min Scan# 2066
 Delta R.T. 0.00 min
 Lab File: BM029907.D
 Acq: 10 May 2021 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1349646		
177	21.2		17.2	25.8
150	12.6		10.0	15.0





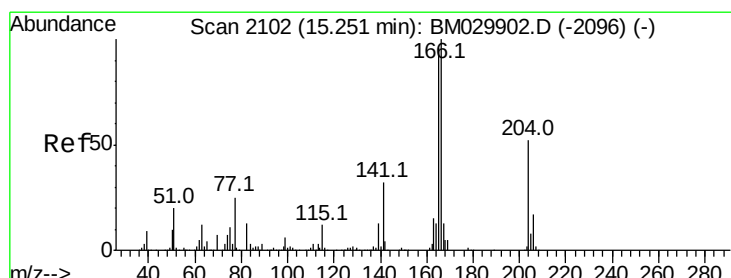
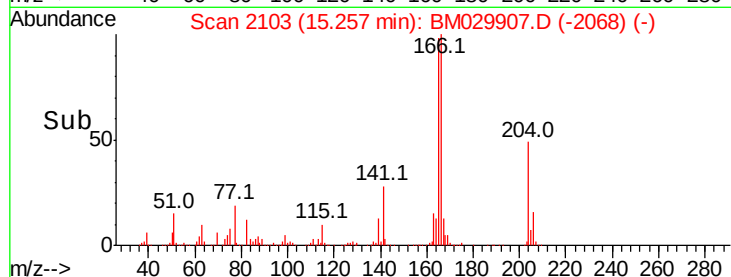
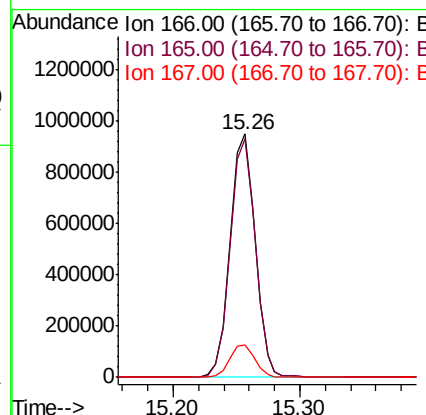
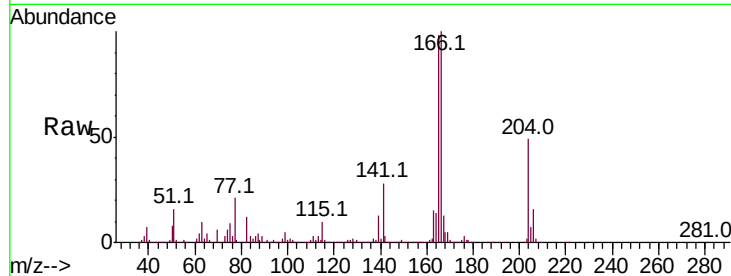
#61
 Fluorene
 Concen: 41.100 ng/ul
 RT: 15.26 min Scan# 2103
 Delta R.T. 0.01 min
 Lab File: BM029907.D
 Acq: 10 May 2021 15:56

Instrument :
 BNA_M
 ClientSampleId :
 A0AA0MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.4	117.6
167	13.4	10.9	16.3

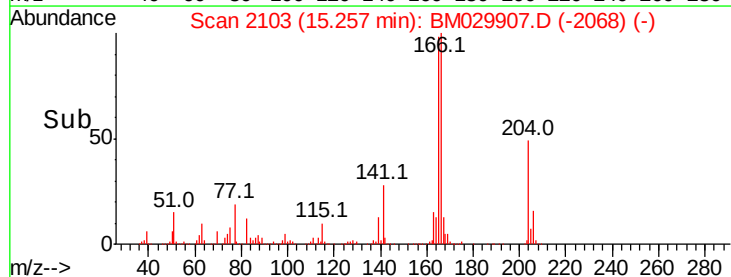
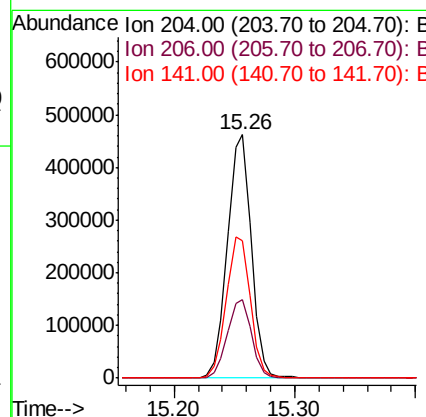
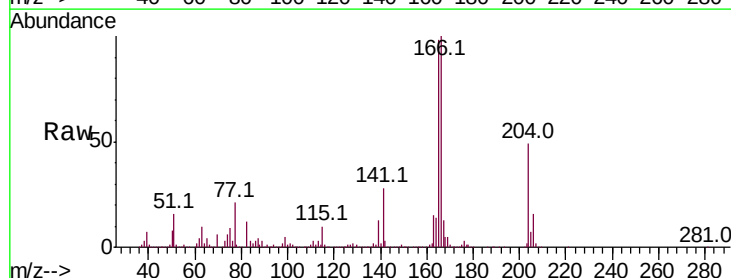
Manual Integrations
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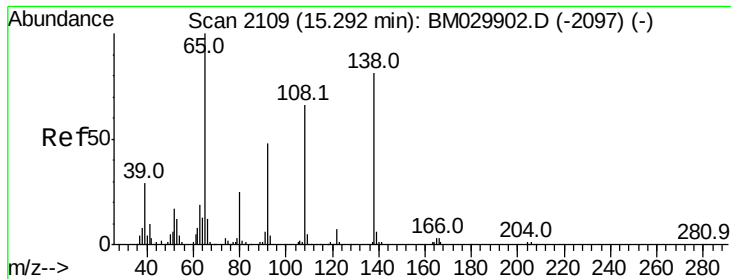
mohammad
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#62
 4-Chlorophenyl-phenylether
 Concen: 40.717 ng/ul
 RT: 15.26 min Scan# 2103
 Delta R.T. 0.01 min
 Lab File: BM029907.D
 Acq: 10 May 2021 15:56

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.2	39.2
141	56.7	47.2	70.8





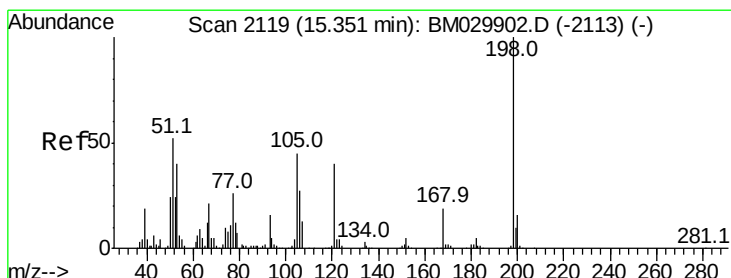
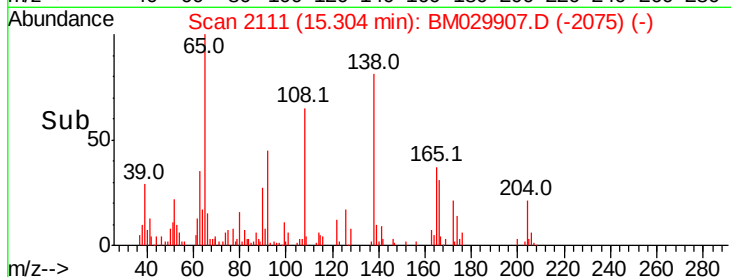
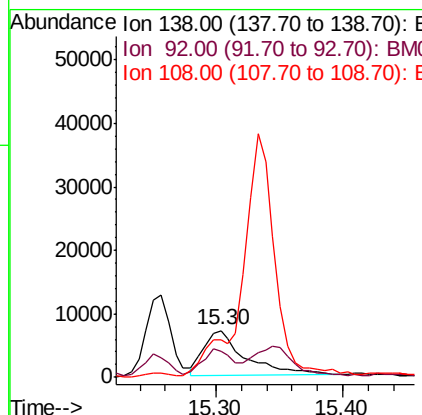
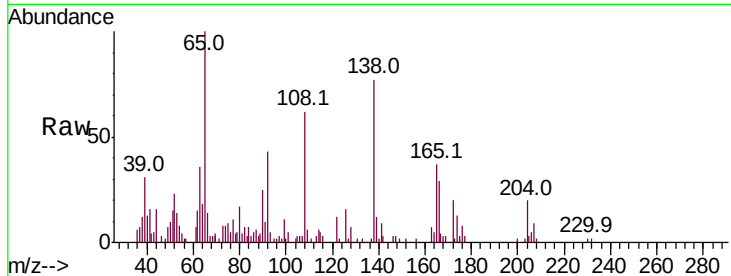
#63
4-Nitroaniline
Concen: 2.669 ng/ul
RT: 15.30 min Scan# 2111
Delta R.T. 0.01 min
Lab File: BM029907.D
Acq: 10 May 2021 15:56

Instrument :
BNA_M
ClientSampleId :
A0AA0MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	16689		
92	56.1	44.8	67.2	
108	80.6	65.3	97.9	

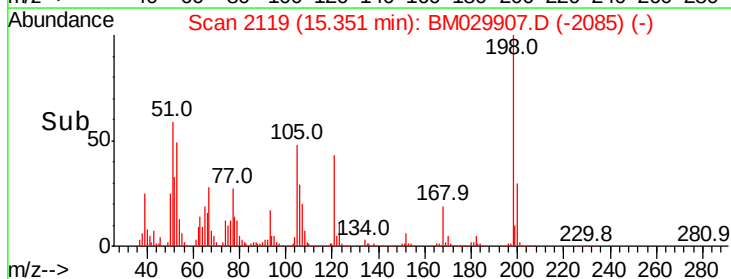
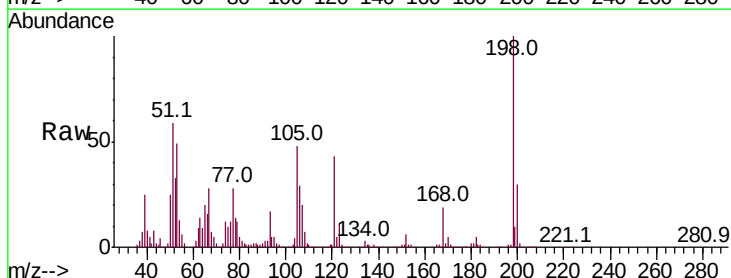
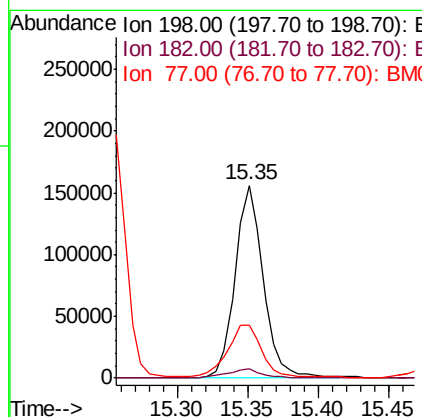
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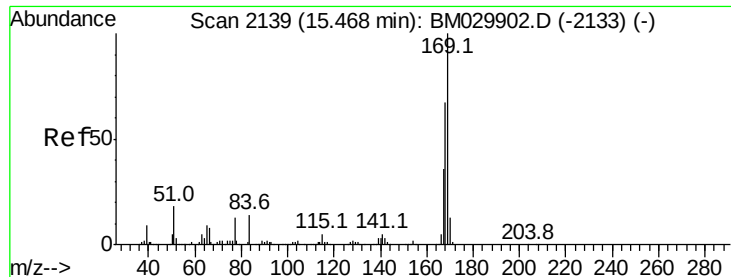
mohammad
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#66
4,6-Dinitro-2-methylphenol
Concen: 40.934 ng/ul
RT: 15.35 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BM029907.D
Acq: 10 May 2021 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	218126		
182	4.6	4.3	6.5	
77	27.6	23.0	34.4	





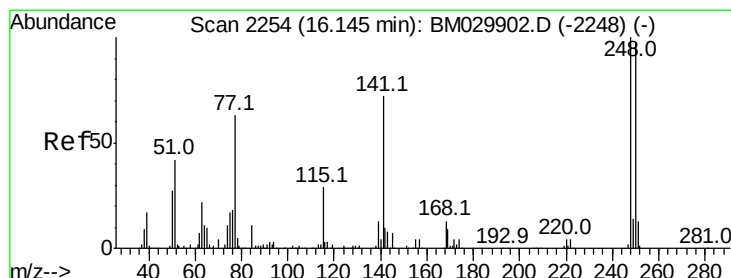
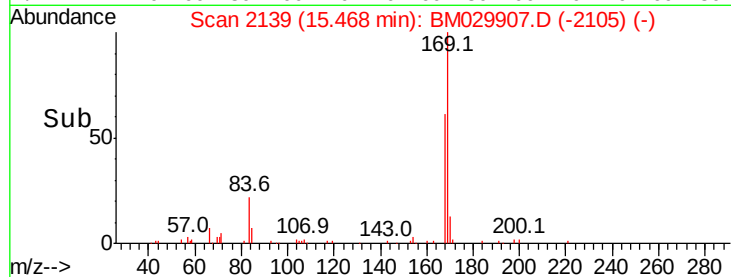
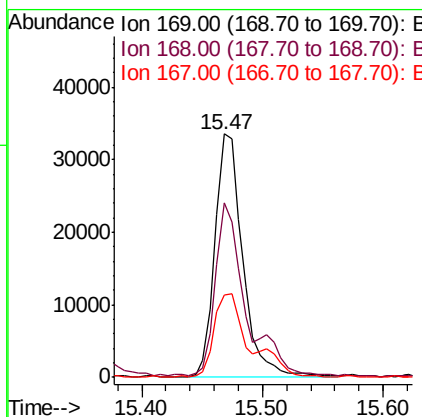
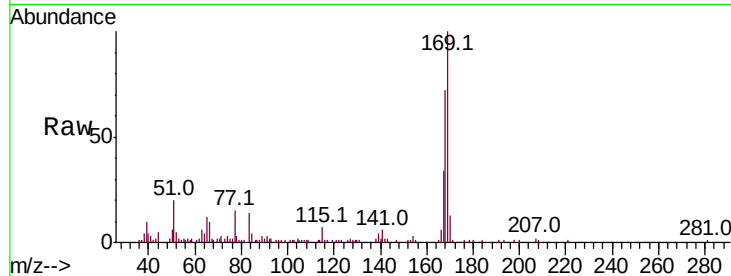
#67
N-Nitrosodiphenylamine
Concen: 1.983 ng/ul
RT: 15.47 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BM029907.D
Acq: 10 May 2021 15:56

Instrument :
BNA_M
ClientSampleId :
A0AA0MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	71.5	53.0	79.4
167	33.8	27.8	41.6

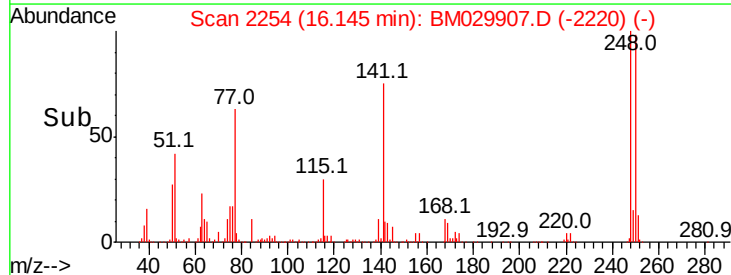
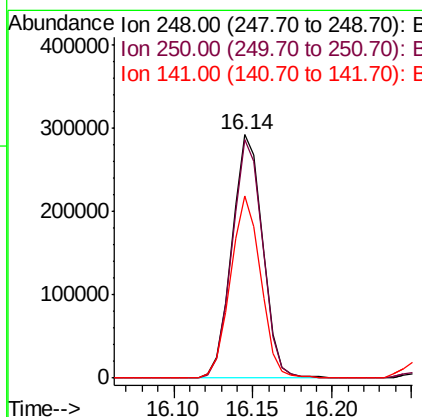
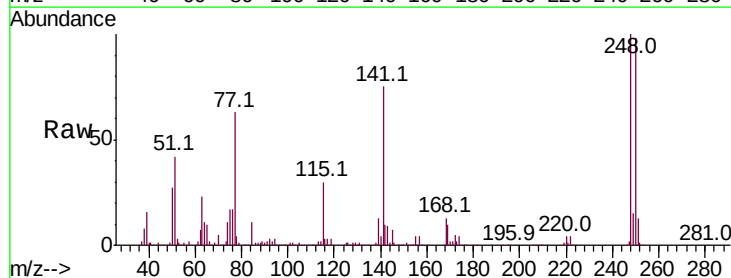
Manual Integrations
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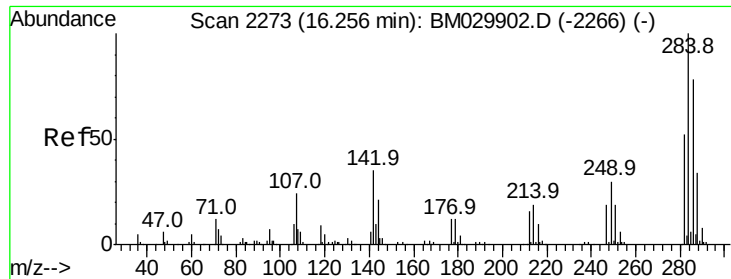
mohammad
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#68
4-Bromophenyl-phenylether
Concen: 42.386 ng/ul
RT: 16.14 min Scan# 2254
Delta R.T. 0.00 min
Lab File: BM029907.D
Acq: 10 May 2021 15:56

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.1	77.5	116.3
141	74.9	55.1	82.7





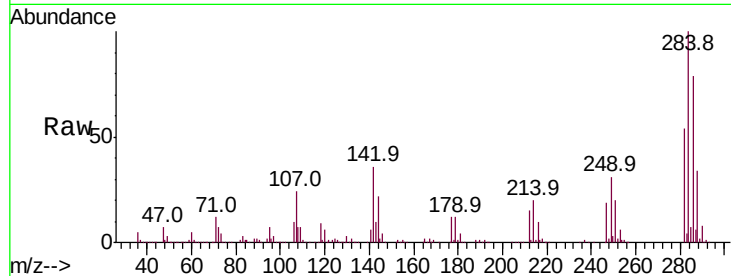
#69
Hexachlorobenzene
Concen: 40.907 ng/ul
RT: 16.26 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BM029907.D
Acq: 10 May 2021 15:56

Instrument :
BNA_M
ClientSampleId :
A0AA0MSD

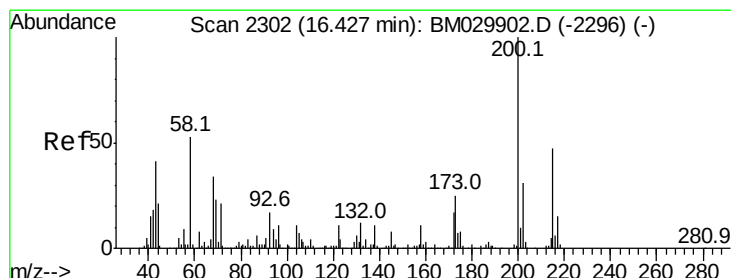
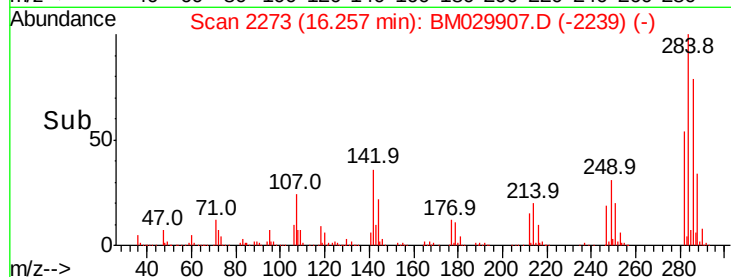
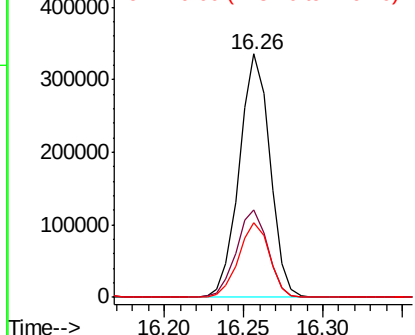
Tot Ion	Ratio	Resp	Lower	Upper
284	100	450730		
142	36.0	26.4	39.6	
249	30.7	24.5	36.7	

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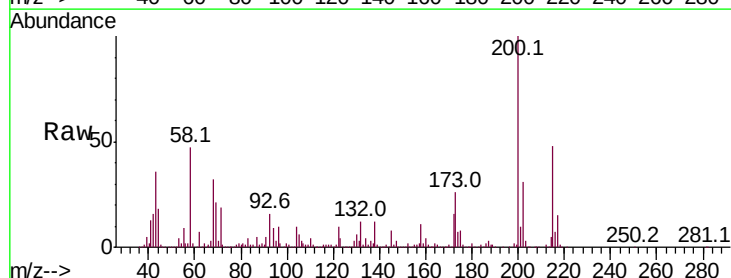


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

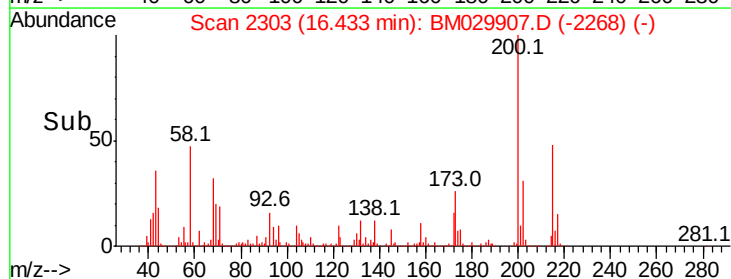
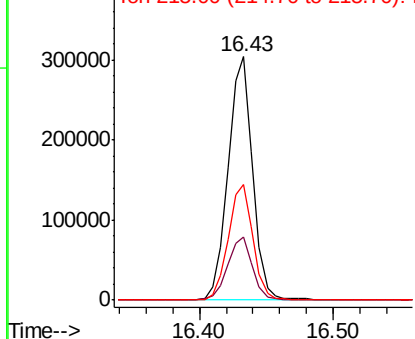


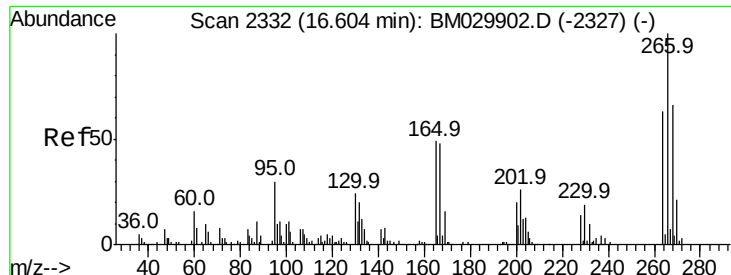
#70
Atrazine
Concen: 39.300 ng/ul
RT: 16.43 min Scan# 2303
Delta R.T. 0.01 min
Lab File: BM029907.D
Acq: 10 May 2021 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	392631		
173	25.7	20.5	30.7	
215	47.6	38.2	57.2	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





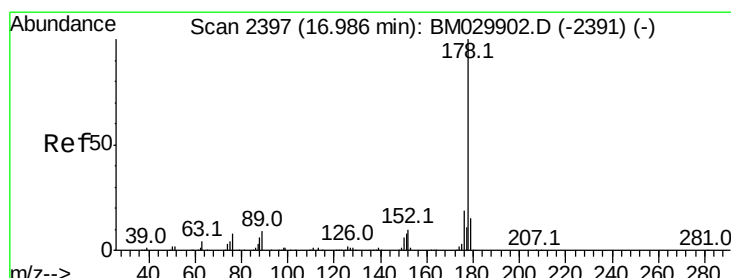
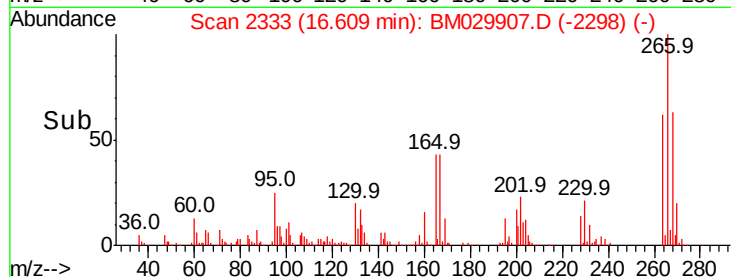
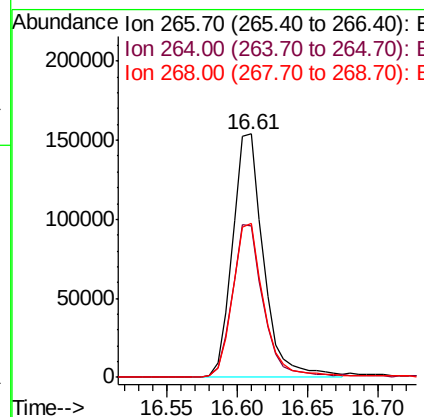
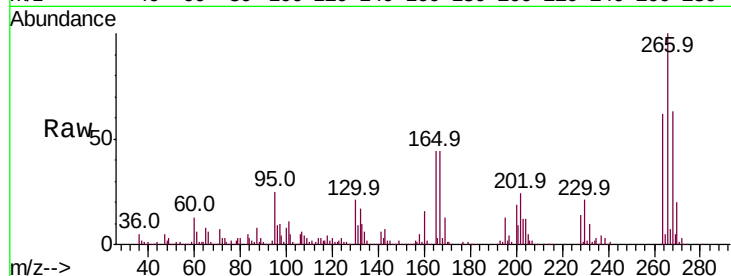
#71
 Pentachlorophenol
 Concen: 37.515 ng/ul
 RT: 16.61 min Scan# 2333
 Delta R.T. 0.01 min
 Lab File: BM029907.D
 Acq: 10 May 2021 15:56

Instrument :
 BNA_M
 ClientSampleId :
 A0AA0MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	236853		
264	62.1	49.8	74.8	
268	63.4	51.9	77.9	

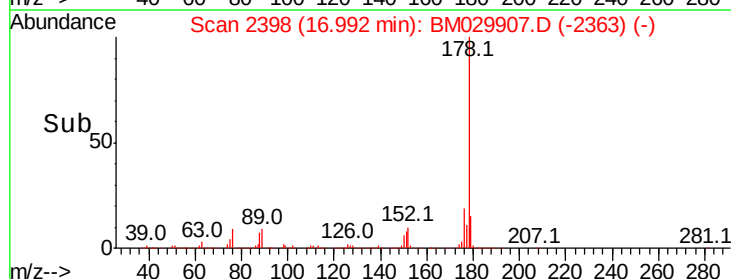
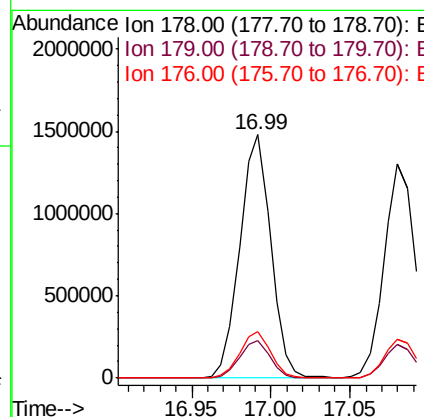
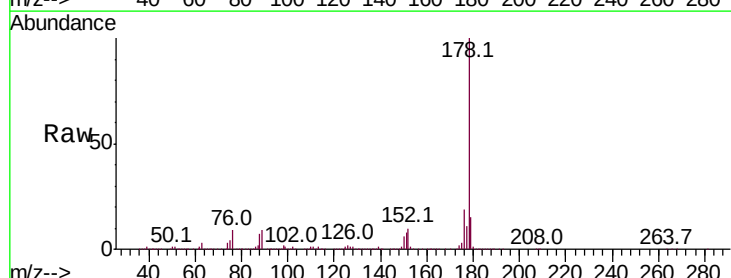
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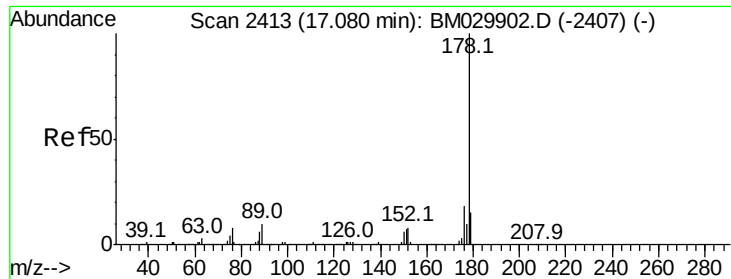
mohammad
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#72
 Phenanthrene
 Concen: 40.800 ng/ul
 RT: 16.99 min Scan# 2398
 Delta R.T. 0.01 min
 Lab File: BM029907.D
 Acq: 10 May 2021 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2005370		
179	15.4	12.2	18.4	
176	19.0	15.0	22.4	





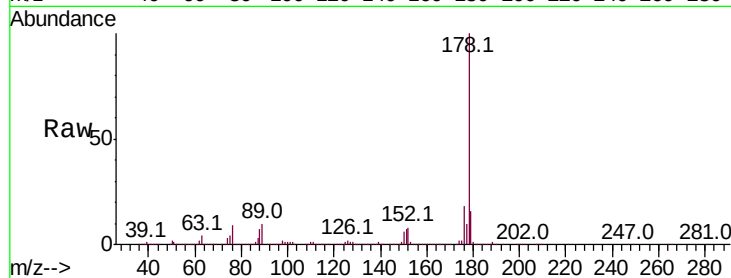
#74
 Anthracene
 Concen: 35.690 ng/ul
 RT: 17.08 min Scan# 2413
 Delta R.T. 0.00 min
 Lab File: BM029907.D
 Acq: 10 May 2021 15:56

Instrument :
 BNA_M
 ClientSampleId :
 A0AA0MSD

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.2
176	18.3	14.9	22.3

Manual Integrations
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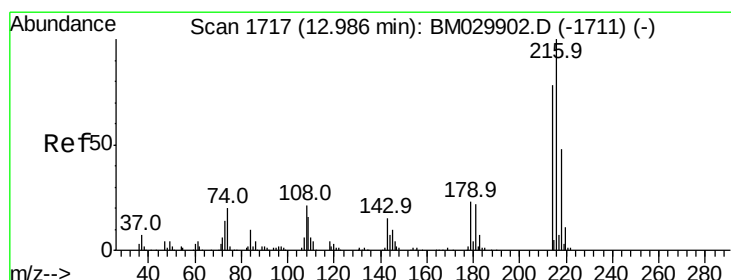
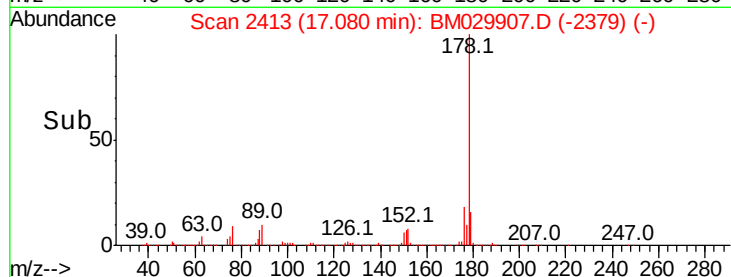
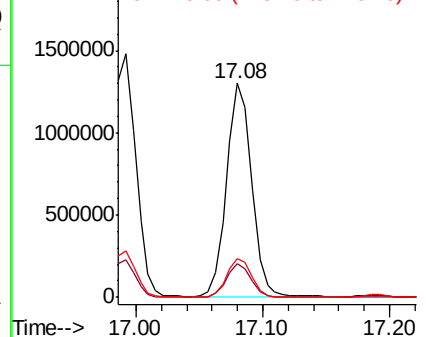


Abundance

Ion 178.00 (177.70 to 178.70): E

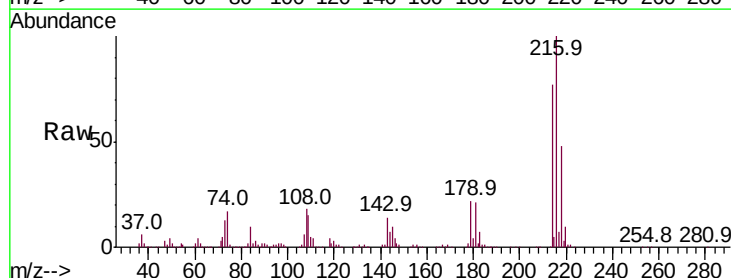
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 34.932 ng/uL
 RT: 12.99 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BM029907.D
 Acq: 10 May 2021 15:56

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.0	63.9	95.9
218	47.6	39.7	59.5

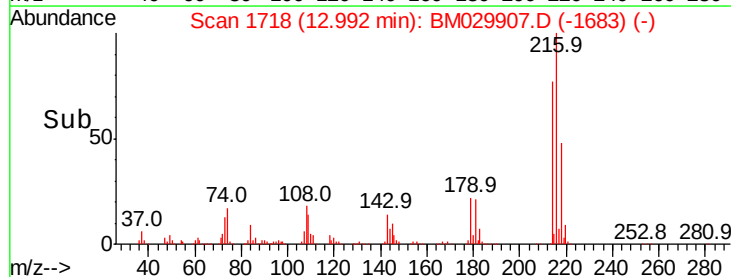
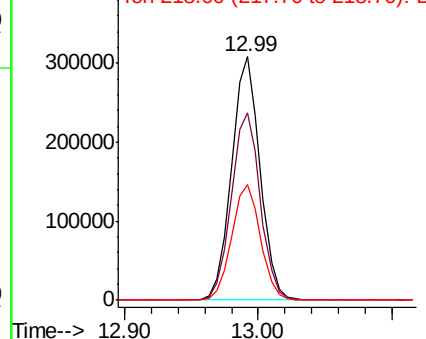


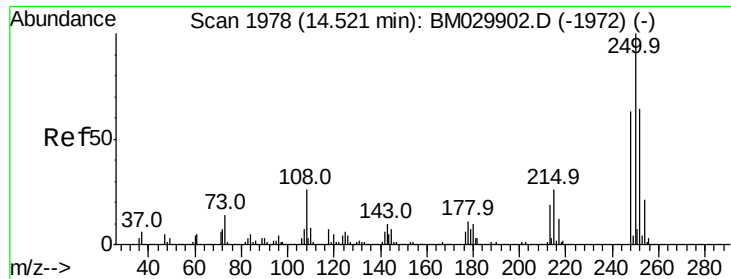
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





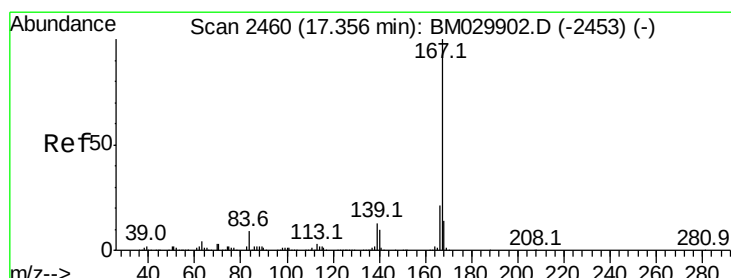
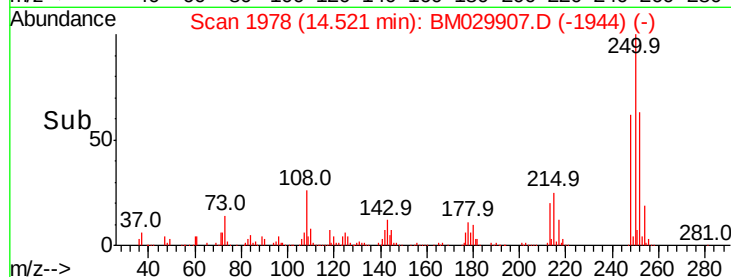
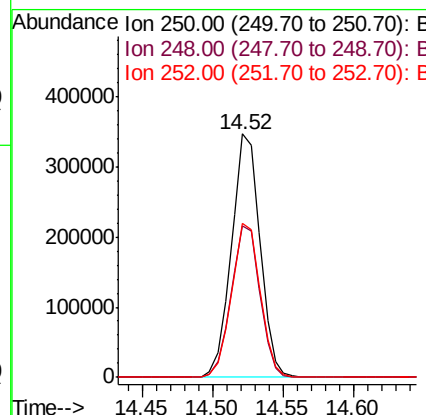
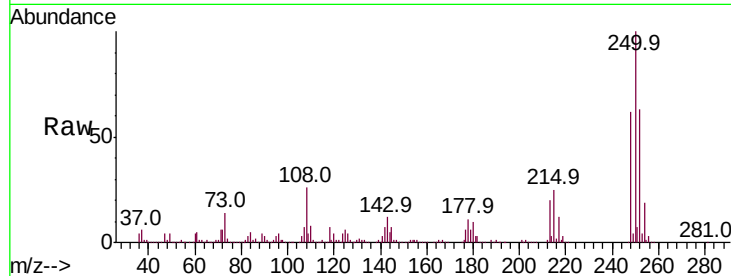
#76
 Pentachlorobenzene
 Concen: 38.810 ng/uL
 RT: 14.52 min Scan# 1978
 Delta R.T. 0.00 min
 Lab File: BM029907.D
 Acq: 10 May 2021 15:56

Instrument :
 BNA_M
 ClientSampleId :
 A0AA0MSD

Tot Ion	Ratio	Lower	Upper
250	100		
248	62.2	51.3	76.9
252	63.1	51.5	77.3

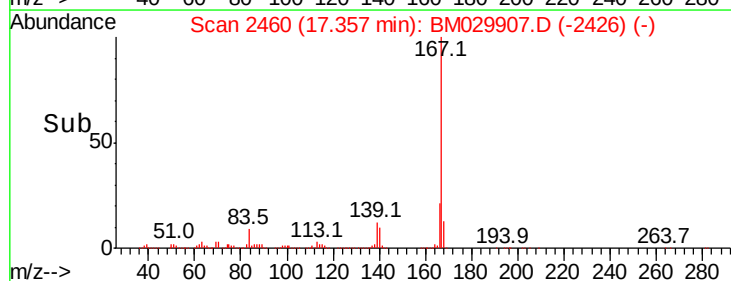
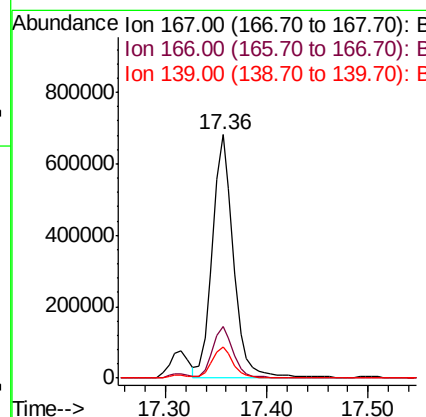
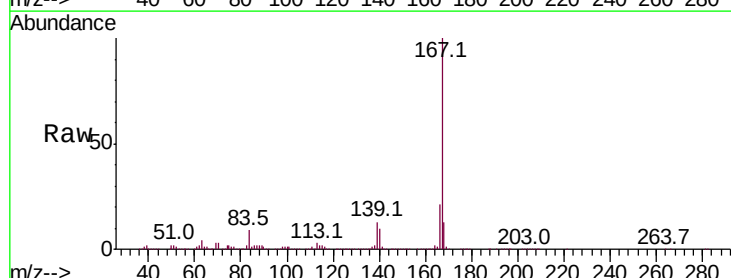
Manual Integrations
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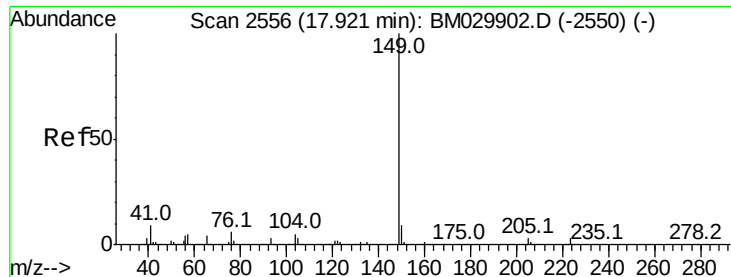
mohammad
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#77
 Carbazole
 Concen: 21.358 ng/uL
 RT: 17.36 min Scan# 2460
 Delta R.T. 0.00 min
 Lab File: BM029907.D
 Acq: 10 May 2021 15:56

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.6	26.4
139	12.9	10.2	15.2





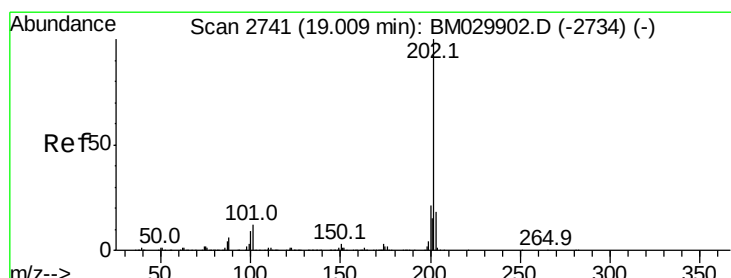
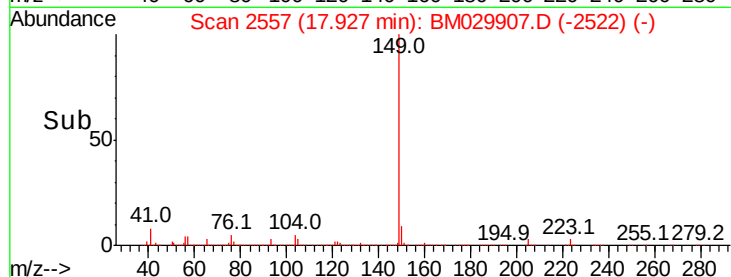
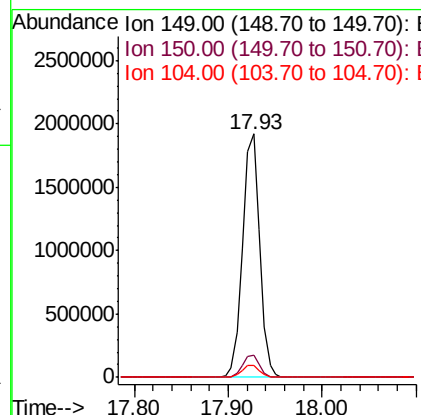
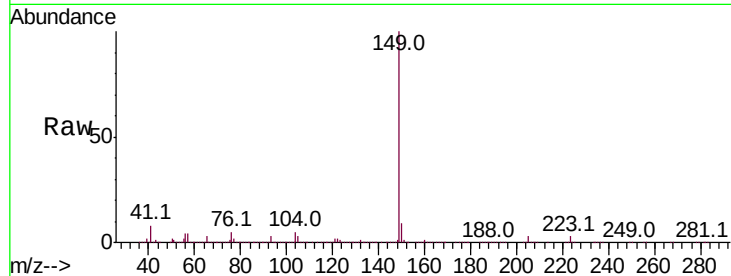
#78
 Di-n-butylphthalate
 Concen: 44.483 ng/ul
 RT: 17.93 min Scan# 2557
 Delta R.T. 0.01 min
 Lab File: BM029907.D
 Acq: 10 May 2021 15:56

Instrument :
 BNA_M
 ClientSampleId :
 A0AA0MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.0
104	5.1	4.2	6.2

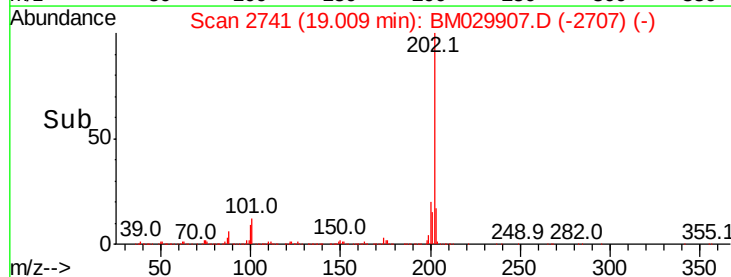
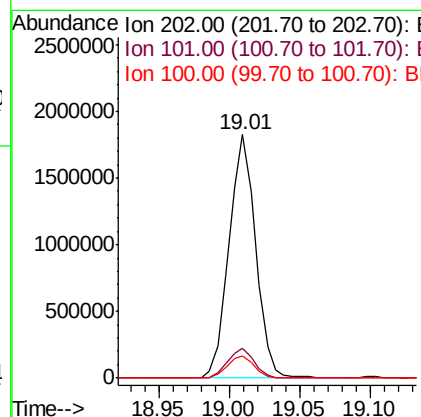
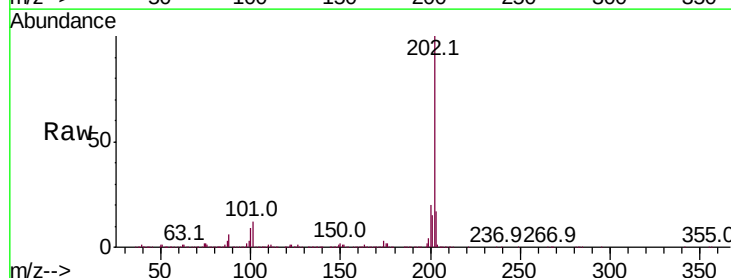
Manual Integrations
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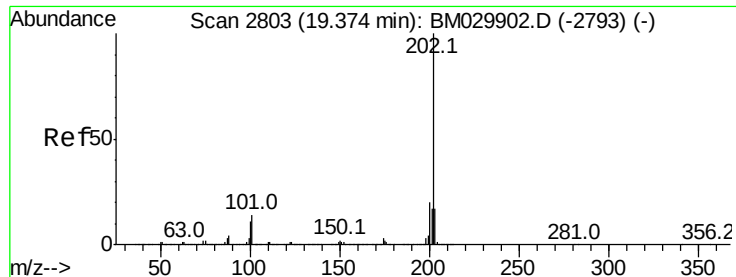
mohammad
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#80
 Fluoranthene
 Concen: 45.915 ng/ul
 RT: 19.01 min Scan# 2741
 Delta R.T. 0.00 min
 Lab File: BM029907.D
 Acq: 10 May 2021 15:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.0	13.4
100	9.0	7.0	10.6





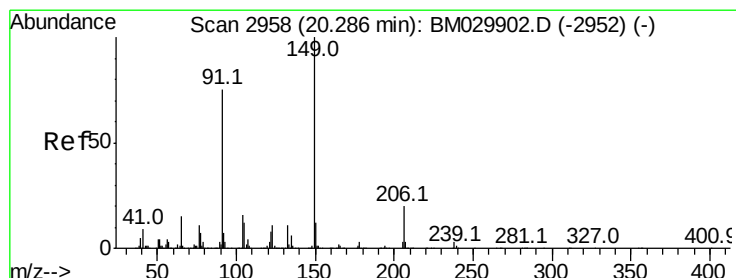
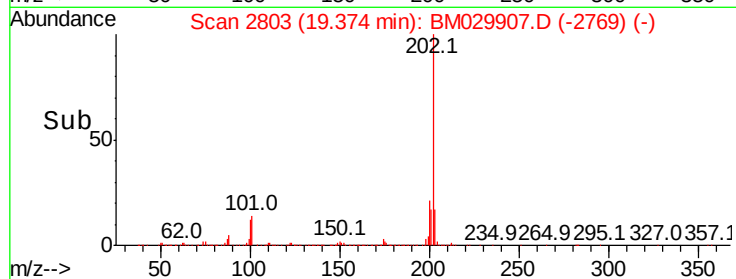
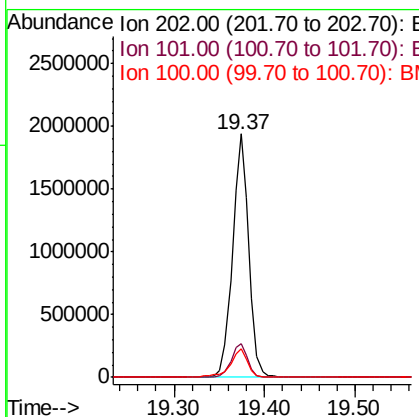
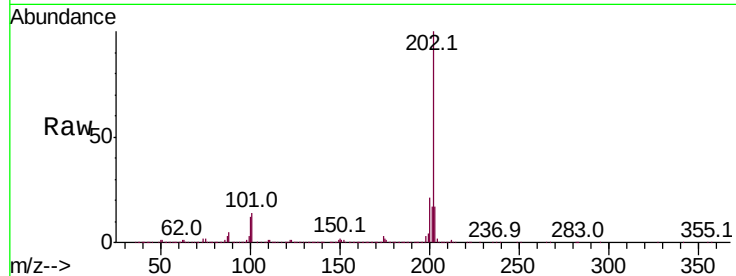
#82
Pvrene
Concen: 44.079 ng/ul
RT: 19.37 min Scan# 2803
Delta R.T. 0.00 min
Lab File: BM029907.D
Acq: 10 May 2021 15:56

Instrument :
BNA_M
ClientSampleId :
A0AA0MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.9	11.8	17.6
100	11.5	9.2	13.8

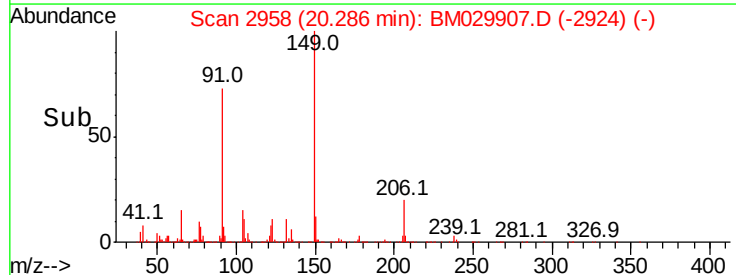
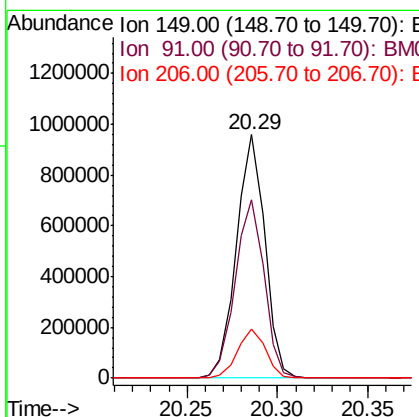
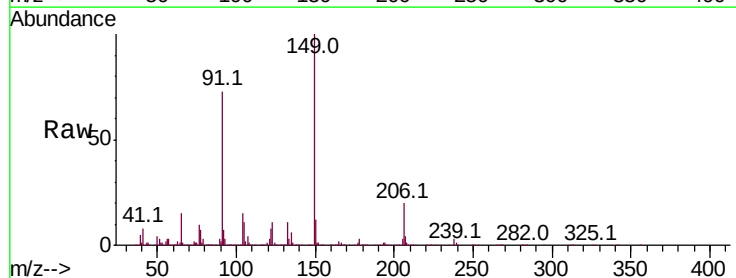
Manual Integrations
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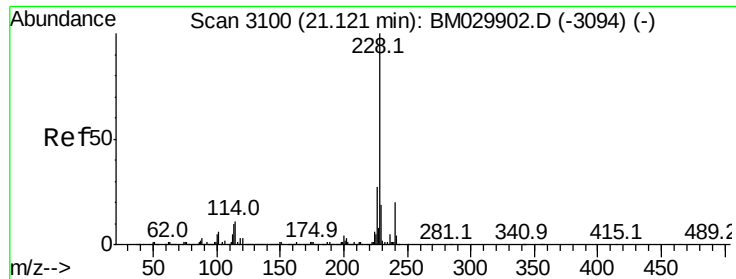
mohammad
5/11/2021 2:32:34 PM



#83
Butylbenzylphthalate
Concen: 53.720 ng/ul
RT: 20.29 min Scan# 2958
Delta R.T. 0.00 min
Lab File: BM029907.D
Acq: 10 May 2021 15:56

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.4	60.6	91.0
206	20.0	15.4	23.0





#85

Benzo(a)anthracene

Concen: 42.202 ng/ul

RT: 21.12 min Scan# 3100

Delta R.T. 0.00 min

Lab File: BM029907.D

Acq: 10 May 2021 15:56

Instrument :

BNA_M

ClientSampleId :

A0AA0MSD

Tot Ion:228 Resp: 2299438

Ion Ratio Lower Upper

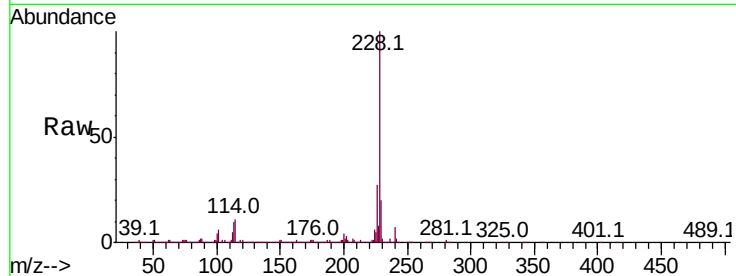
228 100

229 19.7 15.9 23.9

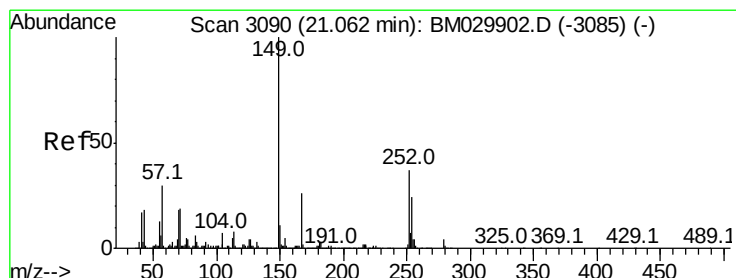
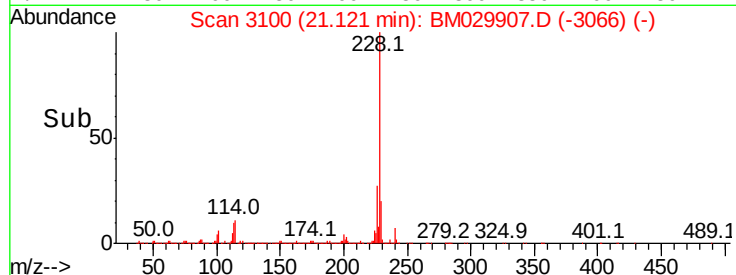
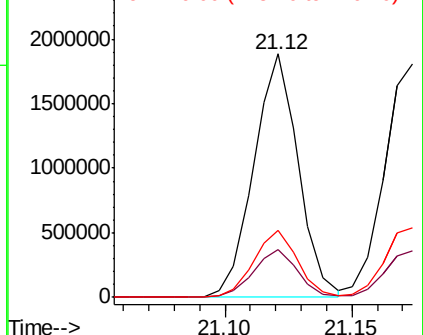
226 27.3 21.4 32.0

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#86

Bis(2-ethylhexyl)phthalate

Concen: 47.939 ng/ul

RT: 21.06 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM029907.D

Acq: 10 May 2021 15:56

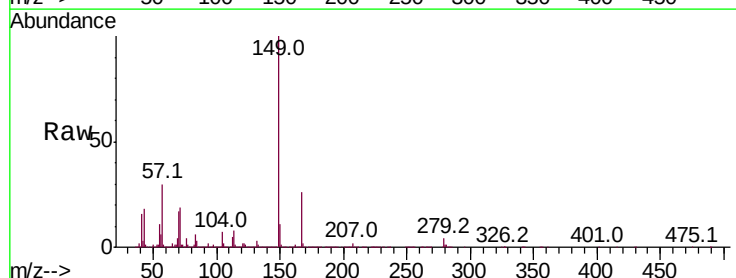
Tgt Ion:149 Resp: 1611801

Ion Ratio Lower Upper

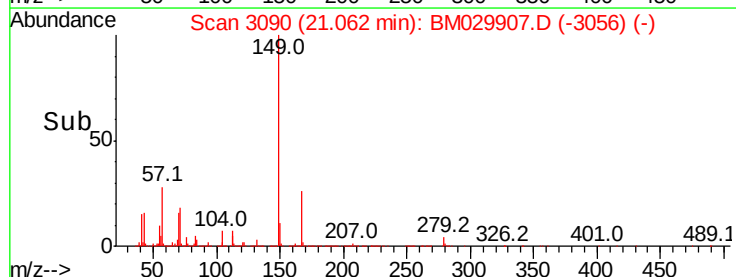
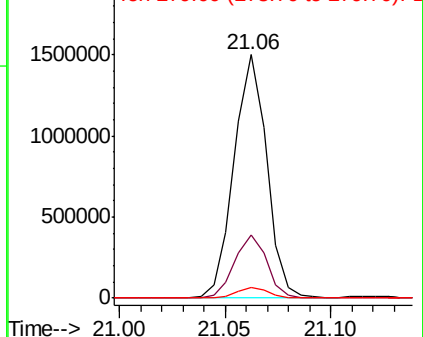
149 100

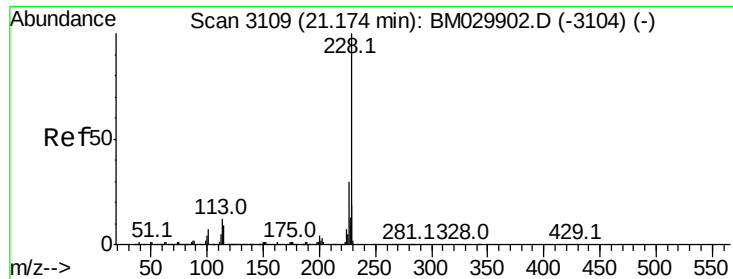
167 25.9 21.1 31.7

279 4.1 3.5 5.3



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





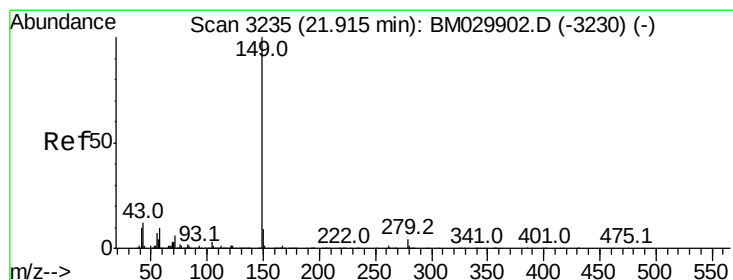
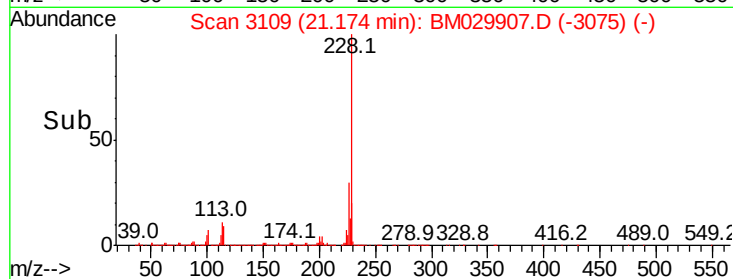
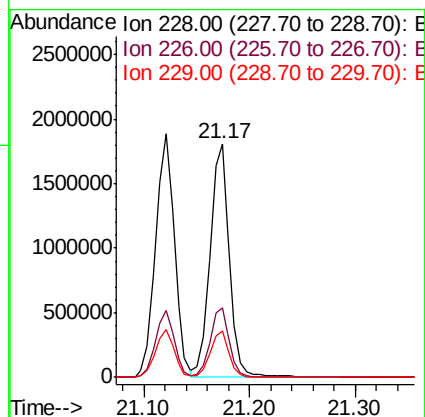
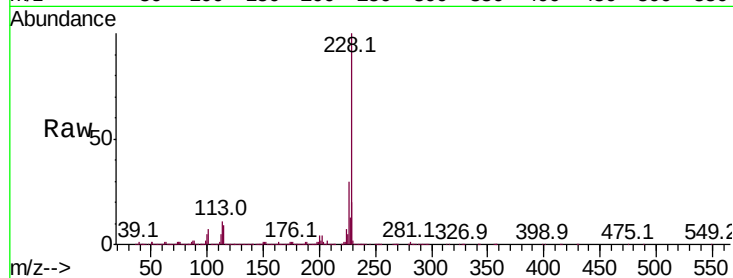
#87
Chrysene
Concen: 42.291 ng/ul
RT: 21.17 min Scan# 3109
Delta R.T. 0.00 min
Lab File: BM029907.D
Acq: 10 May 2021 15:56

Instrument :
BNA_M
ClientSampleId :
A0AA0MSD

Tot Ion:228 Resp: 2295073
Ion Ratio Lower Upper
228 100
226 29.7 23.9 35.9
229 19.7 15.6 23.4

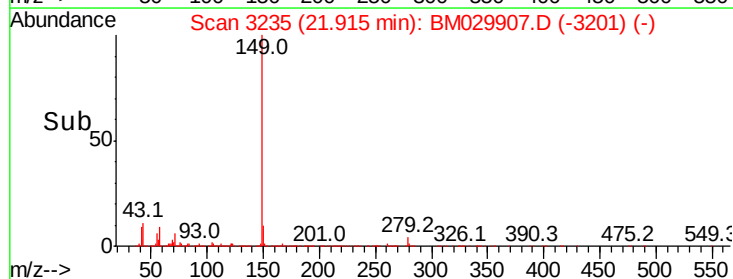
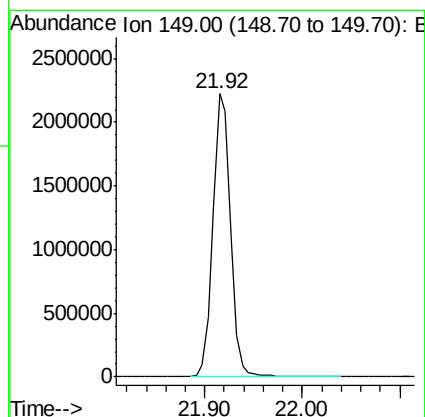
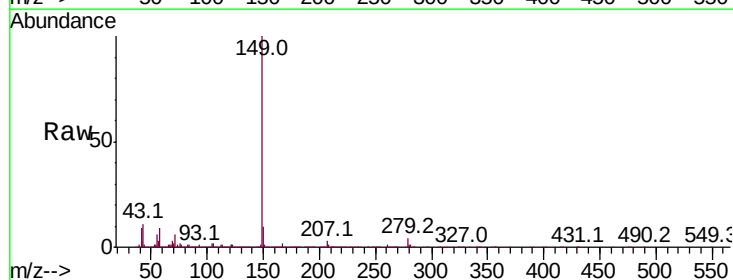
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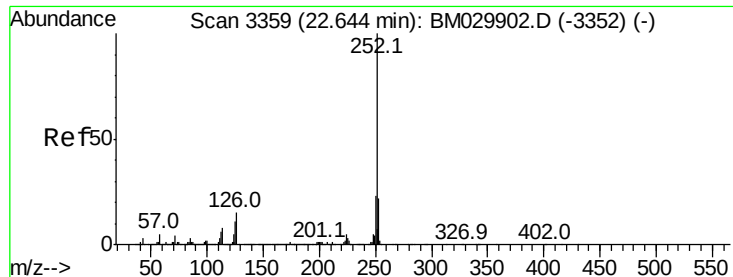
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#89
Di-n-octyl phthalate
Concen: 53.054 ng/ul
RT: 21.92 min Scan# 3235
Delta R.T. 0.00 min
Lab File: BM029907.D
Acq: 10 May 2021 15:56

Tgt Ion:149 Resp: 2741920





#90

Benzo(b)fluoranthene

Concen: 46.908 ng/ul

RT: 22.65 min Scan# 3360

Delta R.T. 0.01 min

Lab File: BM029907.D

Acq: 10 May 2021 15:56

Instrument :

BNA_M

ClientSampleId :

A0AA0MSD

Tot Ion:252 Resp: 2054938

Ion Ratio Lower Upper

252 100

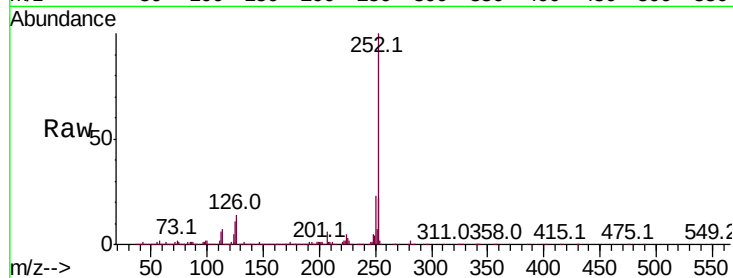
253 22.0 17.4 26.2

125 10.6 8.6 12.8

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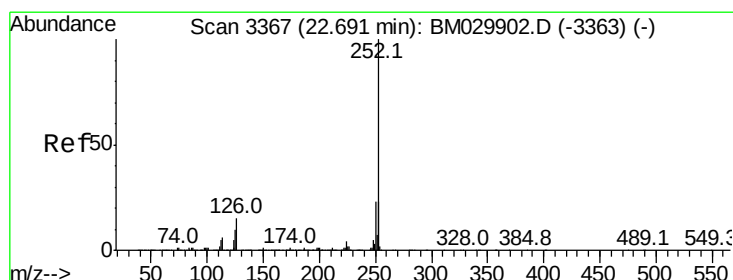
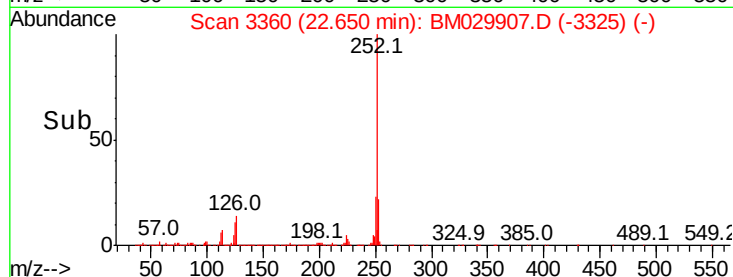
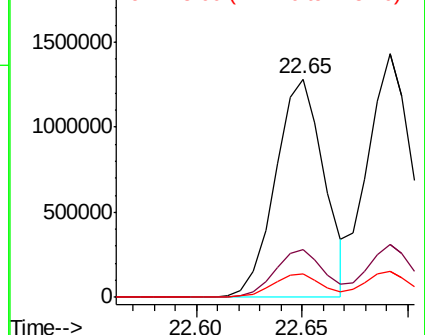


Abundance

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



#91

Benzo(k)fluoranthene

Concen: 46.371 ng/ul

RT: 22.69 min Scan# 3367

Delta R.T. 0.00 min

Lab File: BM029907.D

Acq: 10 May 2021 15:56

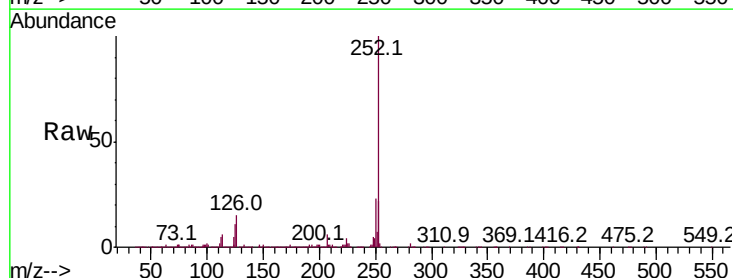
Tgt Ion:252 Resp: 2135694

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

125 10.7 8.4 12.6

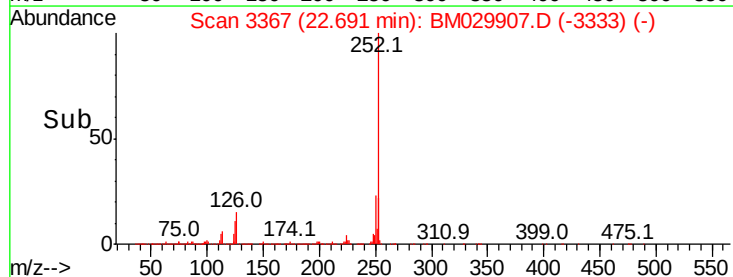
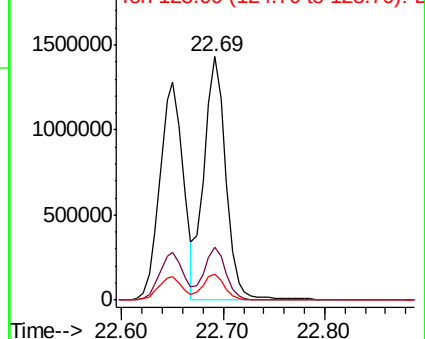


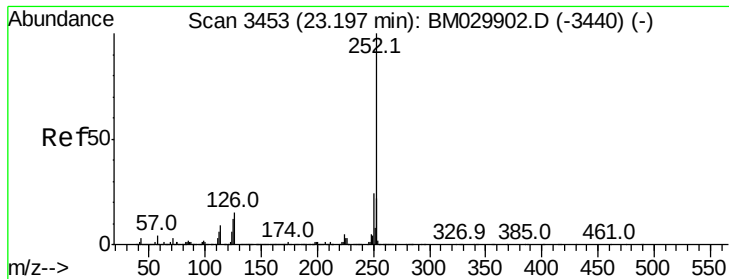
Abundance

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





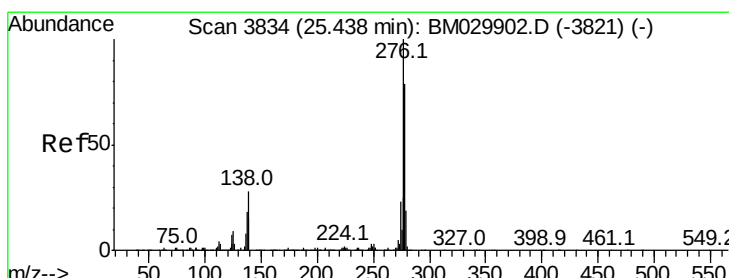
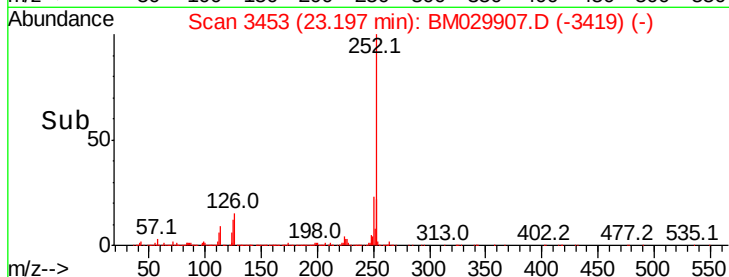
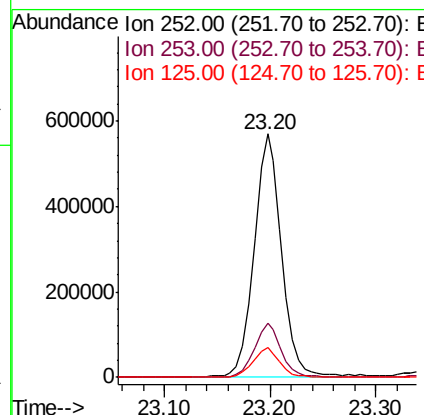
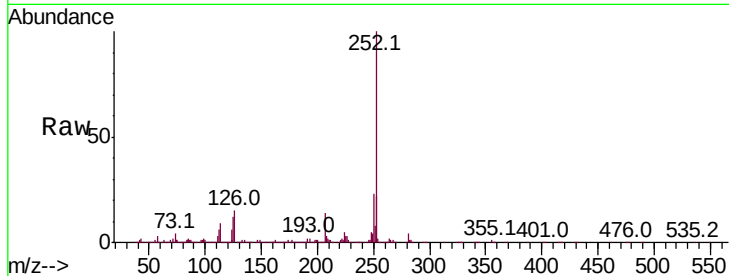
#93
Benzo(a)pyrene
Concen: 25.580 ng/ul
RT: 23.20 min Scan# 3453
Delta R.T. 0.00 min
Lab File: BM029907.D
Acq: 10 May 2021 15:56

Instrument :
BNA_M
ClientSampleId :
A0AA0MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	12.1	9.6	14.4

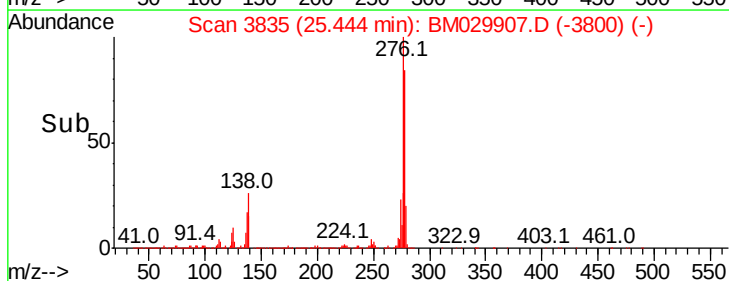
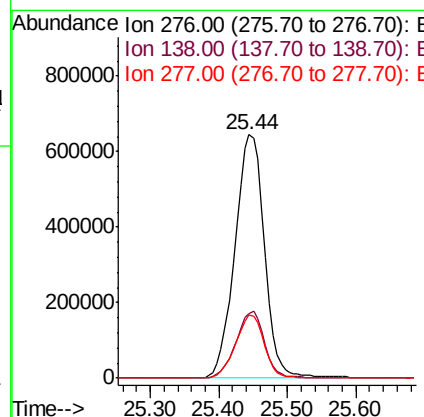
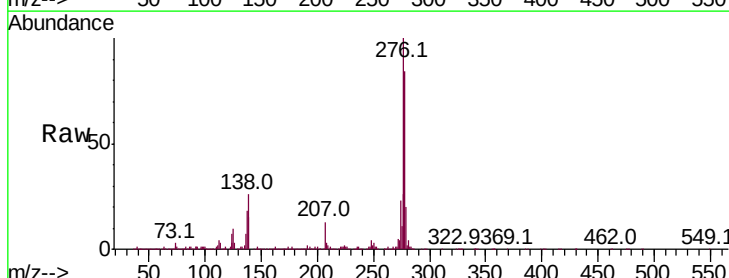
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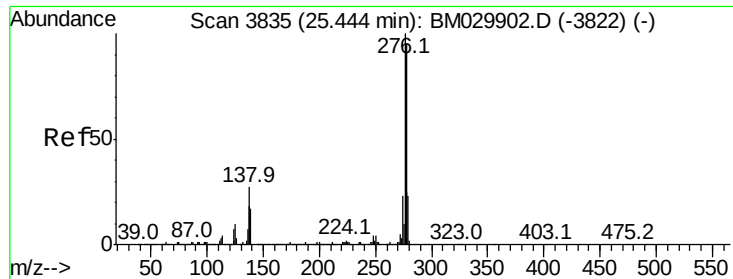
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#94
Indeno(1,2,3-cd)pyrene
Concen: 40.070 ng/ul
RT: 25.44 min Scan# 3835
Delta R.T. 0.01 min
Lab File: BM029907.D
Acq: 10 May 2021 15:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.3	21.1	31.7
277	25.8	20.3	30.5





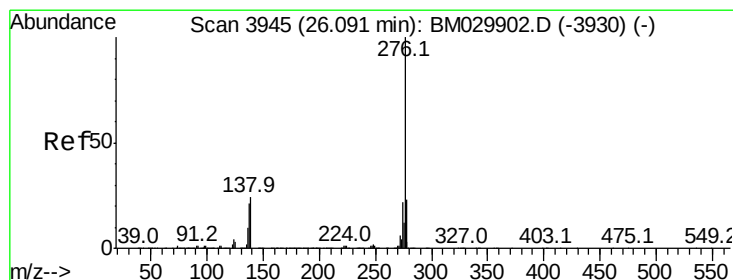
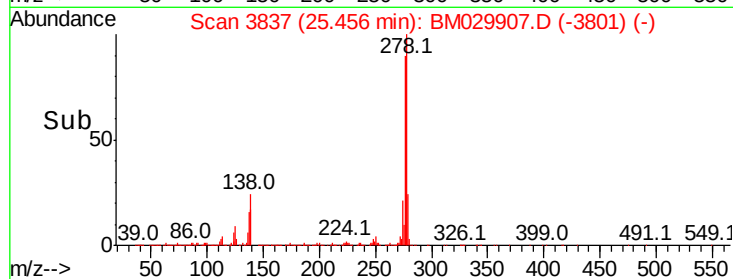
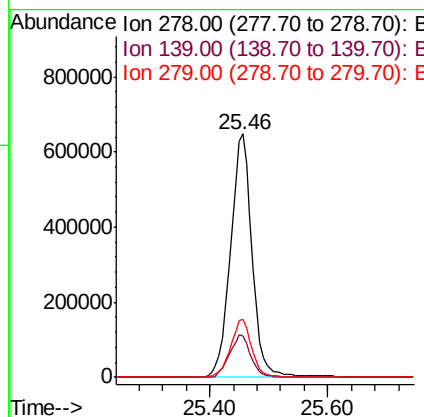
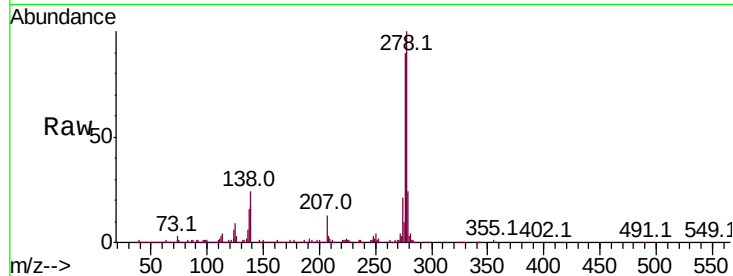
#95
Dibenzo(a,h)anthracene
Concen: 40.465 ng/ul
RT: 25.46 min Scan# 3837
Delta R.T. 0.01 min
Lab File: BM029907.D
Acq: 10 May 2021 15:56

Instrument :
BNA_M
ClientSampleId :
A0AA0MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.5	20.3
279	23.8	18.6	28.0

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 39.073 ng/ul
RT: 26.10 min Scan# 3946
Delta R.T. 0.01 min
Lab File: BM029907.D
Acq: 10 May 2021 15:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.7	17.8	26.8
277	23.9	18.5	27.7

