

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
 Data File : BM029906.D
 Acq On : 10 May 2021 15:20
 Operator : CG/JU
 Sample : M2276-04MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A0AA0MS

Manual Integrations
 APPROVED

mohammad
 5/11/2021 2:32:31 PM

Quant Time: May 10 16:01:28 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	131570	20.00	ng/ul	0.00
20) Naphthalene-d8	10.33	136	617261	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.20	164	408842	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.95	188	837938	20.00	ng/ul	0.00
79) Chrysene-d12	21.13	240	818214	20.00	ng/ul	0.00
88) Perylene-d12	23.29	264	659898	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	17842	5.42	ng/uL	0.00
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	6.75	99	31083	2.54	ng/ul	0.01
9) Bis-(2-Chloroethyl)ether-d	6.90	67	248699	32.78	ng/ul	0.00
11) 2-Chlorophenol-d4	7.09	132	329389	34.88	ng/ul	0.00
15) 4-Methylphenol-d8	8.27	113	64599	6.38	ng/ul	0.00
21) Nitrobenzene-d5	8.71	128	164191	38.60	ng/ul	0.00
24) 2-Nitrophenol-d4	9.42	143	180686	37.63	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.96	165	355349	36.91	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	12485	0.85	ng/ul	0.01
46) Dimethylphthalate-d6	13.62	166	1289543	40.69	ng/ul	0.00
49) Acenaphthylene-d8	13.89	160	776436	19.33	ng/ul	0.00
54) 4-Nitrophenol-d4	14.44	143	35657	6.91	ng/ul	0.01
60) Fluorene-d10	15.20	176	1111184	41.30	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	217046	39.88	ng/ul	0.00
73) Anthracene-d10	17.04	188	1380561	32.72	ng/ul	0.00
81) Pyrene-d10	19.34	212	1806639	43.04	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.16	264	881518	23.57	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.10	88	10631	2.982	ng/uL# 84
6) Benzaldehyde	6.70	77	284006	44.967	ng/ul 96
8) Phenol	6.78	94	13724	1.099	ng/ul 93
10) Bis(2-Chloroethyl)ether	6.99	93	334618	33.878	ng/ul 99
12) 2-Chlorophenol	7.12	128	382303	39.696	ng/ul 99
13) 2-Methylphenol	8.01	108	25895	2.736	ng/ul 96
14) 2,2'-oxybis(1-Chloropropan	8.08	45	557896	37.498	ng/ul 95
16) Acetophenone	8.37	105	548166	33.757	ng/ul 99
17) N-Nitroso-di-n-propylamine	8.36	70	298015	35.870	ng/ul 98
18) 4-Methylphenol	8.33	108	26207	2.498	ng/ul 97
19) Hexachloroethane	8.62	117	139700	34.334	ng/ul 98
22) Nitrobenzene	8.75	77	430959	38.881	ng/ul 97
23) Isophorone	9.27	82	822693	35.091	ng/ul 100
25) 2-Nitrophenol	9.46	139	194203	37.258	ng/ul 98
26) 2,4-Dimethylphenol	9.53	107	36888	3.136	ng/ul 99
27) Bis(2-Chloroethoxy)methane	9.76	93	476999	34.737	ng/ul 98
29) 2,4-Dichlorophenol	9.99	162	343890	36.374	ng/ul 95
30) Naphthalene	10.37	128	1158883	33.824	ng/ul 99
33) Hexachlorobutadiene	10.66	225	209480	33.046	ng/ul 97
34) Caprolactam	11.34	113	16800m	5.007	ng/ul
35) 4-Chloro-3-methylphenol	11.63	107	154102	14.729	ng/ul 98
36) 2-Methylnaphthalene	12.00	142	702869	28.281	ng/ul 98

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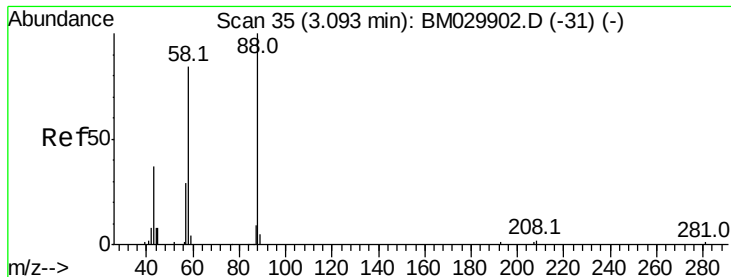
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.22	142	765762	31.090	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.37	216	439021	34.750	ng/ul	99
40) Hexachlorocyclopentadiene	12.35	237	214773	32.727	ng/ul	99
41) 2,4,6-Trichlorophenol	12.63	196	289865	37.625	ng/ul	98
42) 2,4,5-Trichlorophenol	12.70	196	310164	38.040	ng/ul	98
43) 1,1'-Biphenyl	13.03	154	1176778	37.027	ng/ul	98
44) 2-Chloronaphthalene	13.07	162	907615	37.212	ng/ul	100
45) 2-Nitroaniline	13.29	65	193445	31.380	ng/ul	95
47) Dimethylphthalate	13.67	163	1328747	41.874	ng/ul	99
48) 2,6-Dinitrotoluene	13.79	165	262966	46.164	ng/ul	97
50) Acenaphthylene	13.92	152	933425	24.033	ng/ul	99
52) Acenaphthene	14.26	153	858180	31.264	ng/ul	99
53) 2,4-Dinitrophenol	14.34	184	124754	32.189	ng/ul	94
55) 4-Nitrophenol	14.46	109	22710	5.722	ng/ul	96
56) Dibenzofuran	14.60	168	1509419	40.148	ng/ul	97
57) 2,4-Dinitrotoluene	14.59	165	376004	44.607	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.84	232	311449	40.113	ng/ul	100
59) Diethylphthalate	15.04	149	1361265	41.131	ng/ul	99
61) Fluorene	15.26	166	1311820	40.815	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.26	204	639416	40.486	ng/ul	99
63) 4-Nitroaniline	15.30	138	13673	2.156	ng/ul	92
66) 4,6-Dinitro-2-methylphenol	15.35	198	215515	40.234	ng/ul#	99
67) N-Nitrosodiphenylamine	15.47	169	53535	1.967	ng/ul	98
68) 4-Bromophenyl-phenylether	16.14	248	391857	42.013	ng/ul	97
69) Hexachlorobenzene	16.26	284	451088	40.727	ng/ul	96
70) Atrazine	16.43	200	396541	39.485	ng/ul	99
71) Pentachlorophenol	16.61	266	235645	37.130	ng/ul	98
72) Phenanthrene	16.99	178	2010422	40.690	ng/ul	100
74) Anthracene	17.08	178	1800175	35.638	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	12.99	216	460885	34.772	ng/uL	99
76) Pentachlorobenzene	14.52	250	487473	38.565	ng/uL	99
77) Carbazole	17.36	167	992531	21.445	ng/ul	98
78) Di-n-butylphthalate	17.93	149	2420583	44.064	ng/ul	100
80) Fluoranthene	19.01	202	2381977	46.629	ng/ul	98
82) Pvrene	19.37	202	2401928	44.679	ng/ul	99
83) Butylbenzylphthalate	20.29	149	1019584	53.368	ng/ul	97
85) Benzo(a)anthracene	21.12	228	2221832	41.620	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.06	149	1579771	47.957	ng/ul	99
87) Chrysene	21.17	228	2218476	41.724	ng/ul	100
89) Di-n-octyl phthalate	21.92	149	2614984	51.784	ng/ul	100
90) Benzo(b)fluoranthene	22.65	252	1946472	45.474	ng/ul	100
91) Benzo(k)fluoranthene	22.69	252	2004866	44.551	ng/ul	100
93) Benzo(a)pyrene	23.20	252	953112	24.517	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.44	276	1851824	39.356	ng/ul	99
95) Dibenzo(a,h)anthracene	25.45	278	1574313	39.472	ng/ul	100
96) Benzo(g,h,i)perylene	26.10	276	1475809	38.712	ng/ul	99

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



#2

1,4-Dioxane

Concen: 2.982 ng/uL

RT: 3.10 min Scan# 36

Delta R.T. 0.01 min

Lab File: BM029906.D

Acq: 10 May 2021 15:20

Instrument :

BNA_M

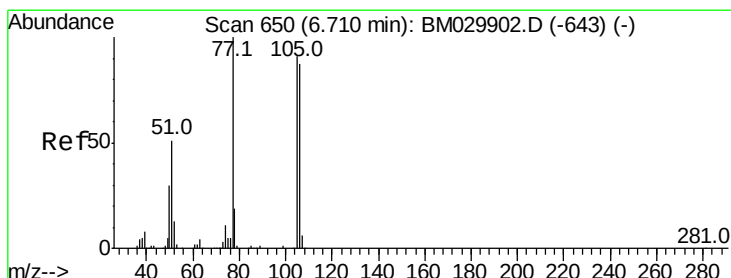
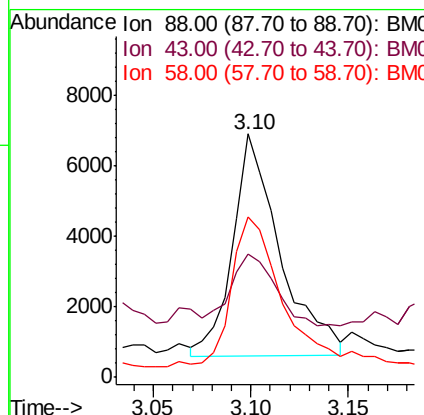
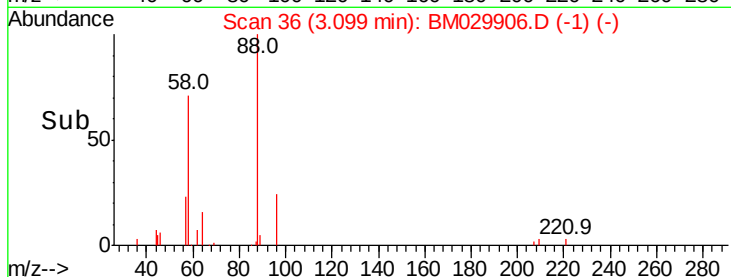
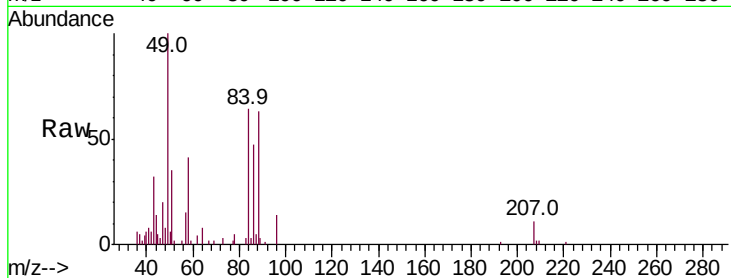
ClientSampleId :

A0AA0MS

Tot Ion:	88	Resp:	10631
Ion Ratio	Lower	Upper	
88	100		
43	50.7	26.2	39.2#
58	65.7	59.0	88.4

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#6

Benzaldehyde

Concen: 44.967 ng/uL

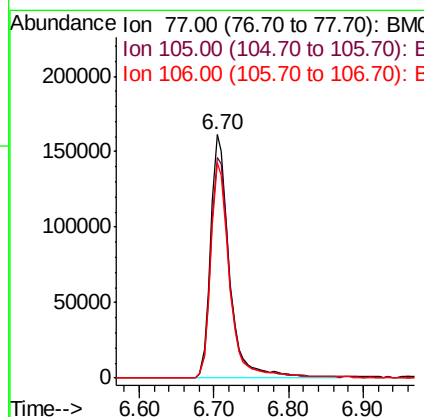
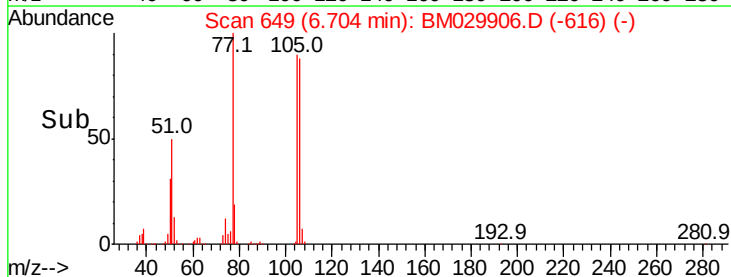
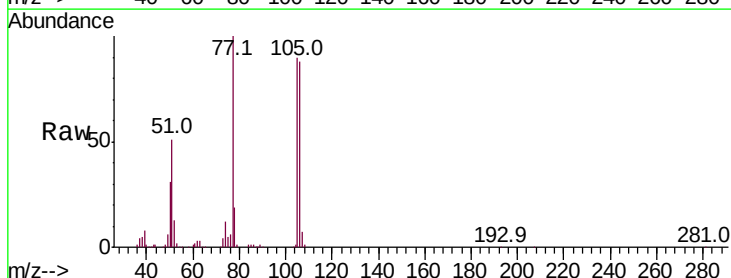
RT: 6.70 min Scan# 649

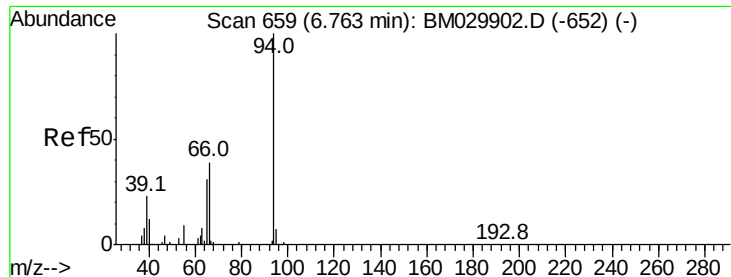
Delta R.T. -0.01 min

Lab File: BM029906.D

Acq: 10 May 2021 15:20

Tgt Ion:	77	Resp:	284006
Ion Ratio	Lower	Upper	
77	100		
105	90.4	77.7	116.5
106	88.5	72.2	108.4





#8

Phenol

Concen: 1.099 ng/ul

RT: 6.78 min Scan# 662

Delta R.T. 0.02 min

Lab File: BM029906.D

Acq: 10 May 2021 15:20

Instrument :

BNA_M

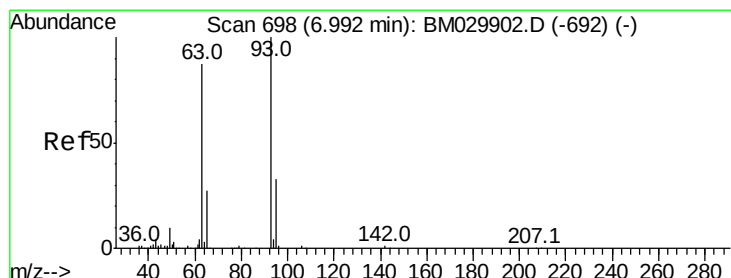
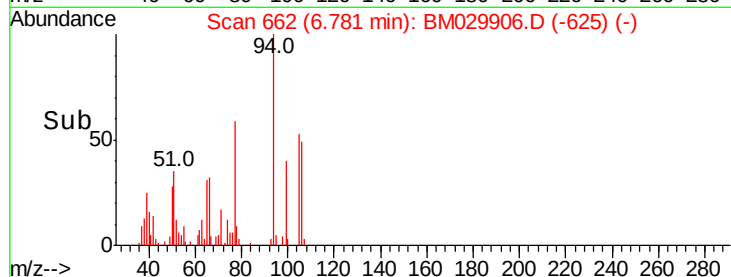
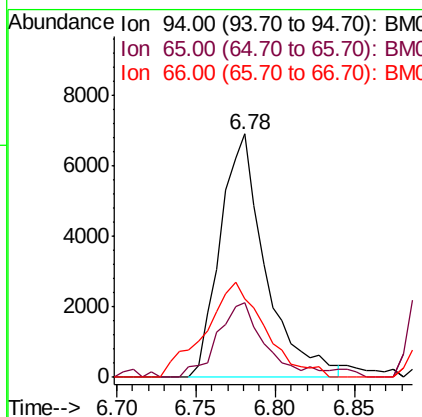
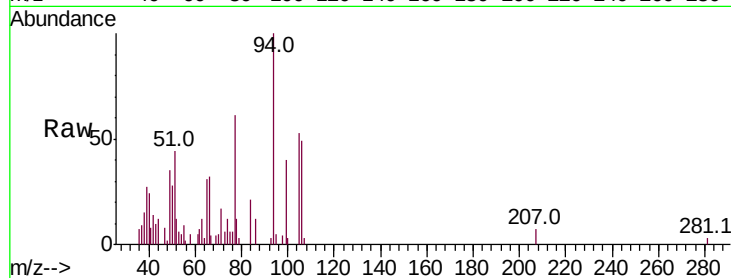
ClientSampleId :

A0AA0MS

Tot Ion:	94	Resp:	13724
Ion	Ratio	Lower	Upper
94	100		
65	30.9	23.3	34.9
66	32.1	30.6	45.8

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#10

Bis(2-Chloroethyl)ether

Concen: 33.878 ng/ul

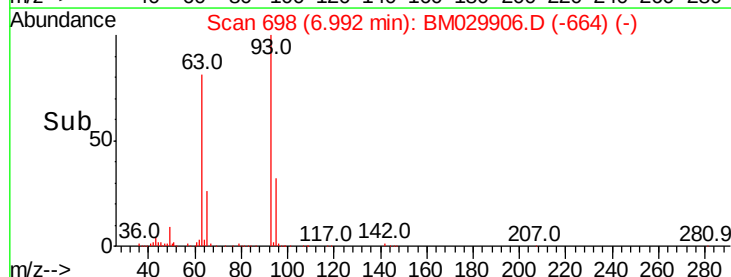
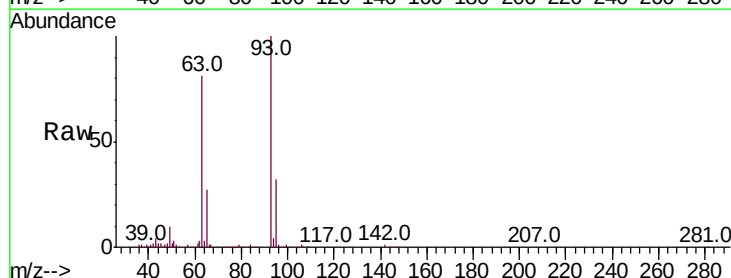
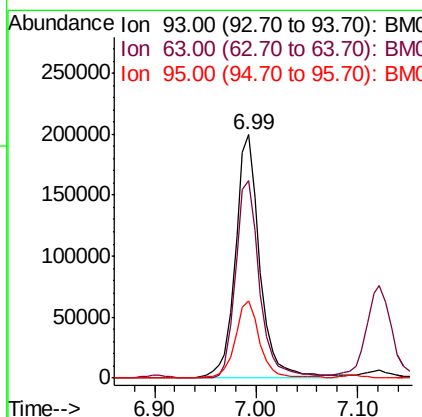
RT: 6.99 min Scan# 698

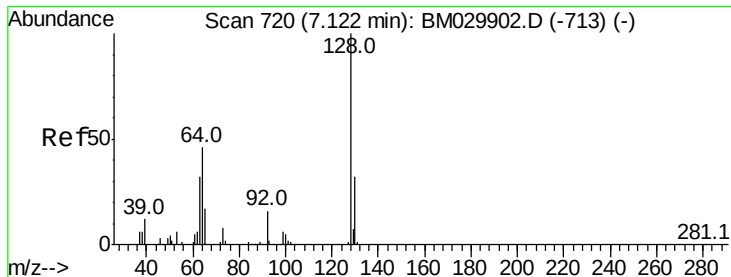
Delta R.T. 0.00 min

Lab File: BM029906.D

Acq: 10 May 2021 15:20

Tgt Ion:	93	Resp:	334618
Ion	Ratio	Lower	Upper
93	100		
63	81.4	66.0	99.0
95	31.8	25.7	38.5





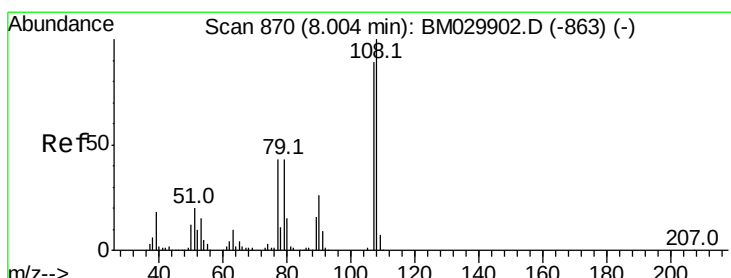
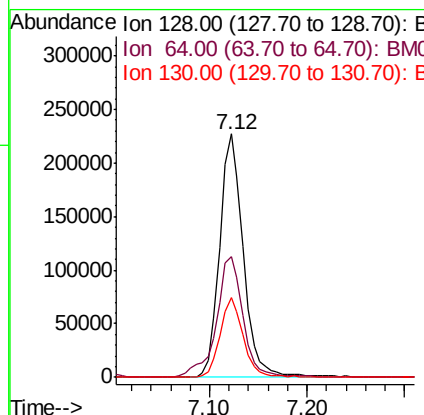
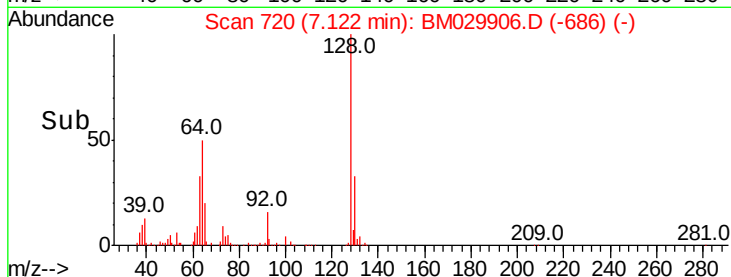
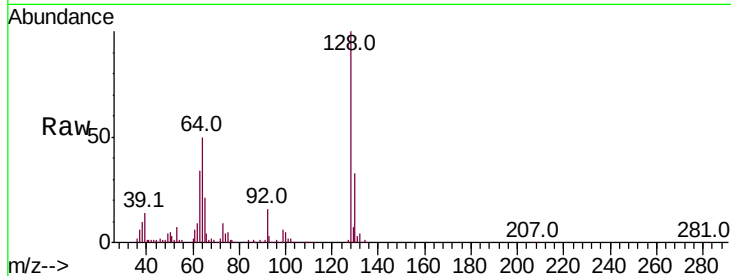
#12
2-Chlorophenol
Concen: 39.696 ng/ul
RT: 7.12 min Scan# 720
Delta R.T. 0.00 min
Lab File: BM029906.D
Acq: 10 May 2021 15:20

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ClientSampleId :
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Tot Ion:	128	Resp:	382303
Ion Ratio	Lower	Upper	
128	100		
64	49.8	39.3	58.9
130	32.6	26.6	39.8

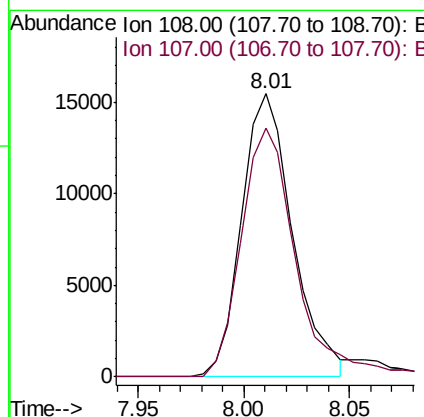
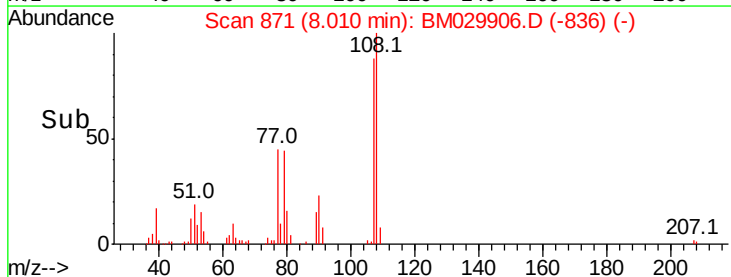
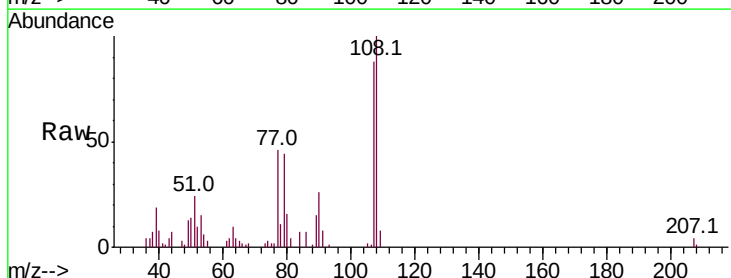
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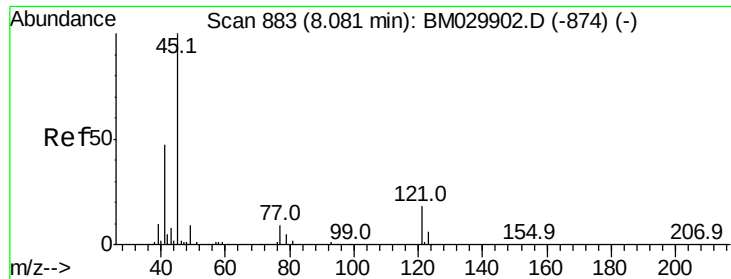
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#13
2-Methylphenol
Concen: 2.736 ng/ul
RT: 8.01 min Scan# 871
Delta R.T. 0.01 min
Lab File: BM029906.D
Acq: 10 May 2021 15:20

Tgt Ion:	108	Resp:	25895
Ion Ratio	Lower	Upper	
108	100		
107	88.0	73.8	110.6





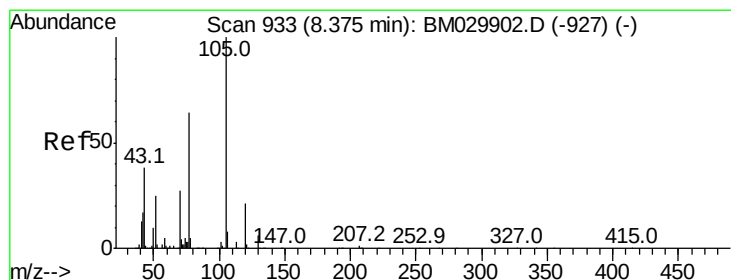
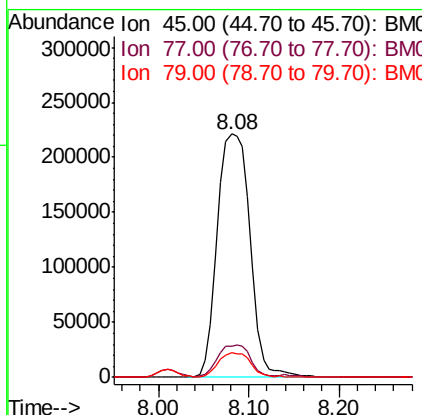
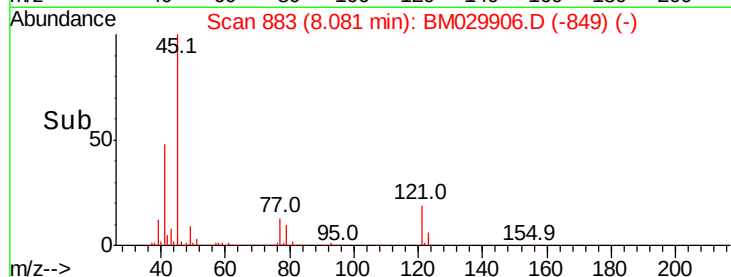
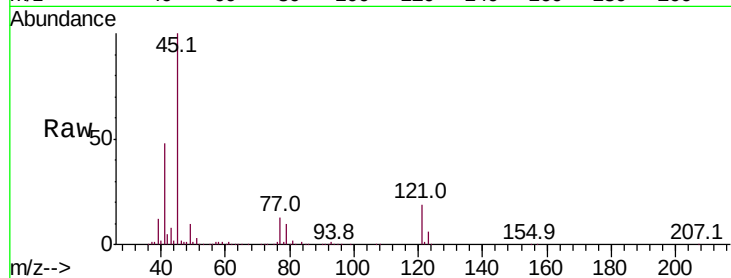
#14
2,2'-oxybis(1-Chloropropane)
Concen: 37.498 ng/ul
RT: 8.08 min Scan# 883
Delta R.T. 0.00 min
Lab File: BM029906.D
Acq: 10 May 2021 15:20

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BNA_M
ClientSampled :
A0AA0MS

Tot Ion	Ratio	Resp	Lower	Upper
45	100			
77	13.0	12.3	18.5	
79	10.0	9.1	13.7	

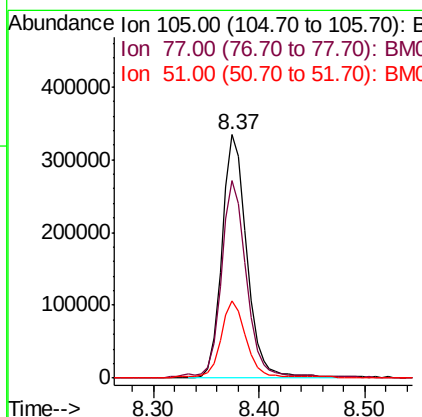
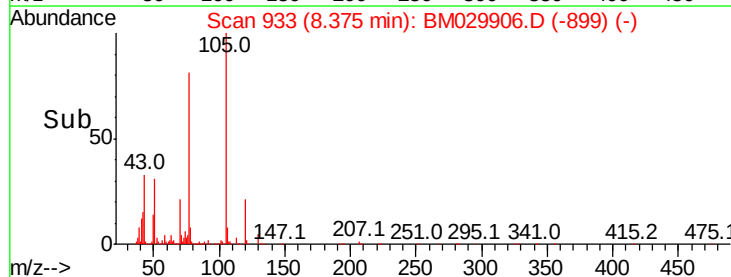
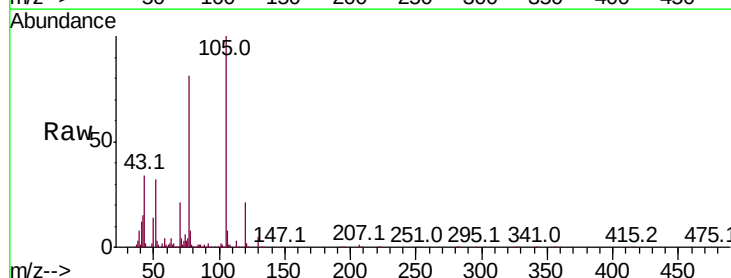
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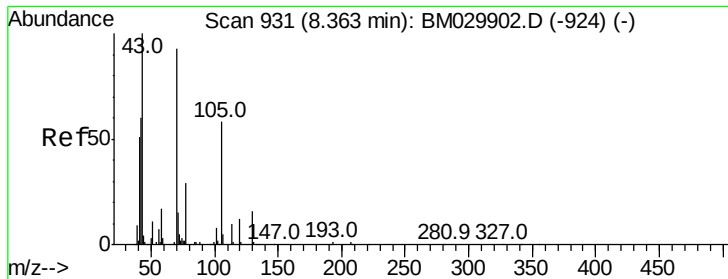
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#16
Acetophenone
Concen: 33.757 ng/ul
RT: 8.37 min Scan# 933
Delta R.T. 0.00 min
Lab File: BM029906.D
Acq: 10 May 2021 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
77	81.3	64.2	96.4	
51	31.5	24.3	36.5	





#17

N-Nitroso-di-n-propylamine

Concen: 35.870 ng/ul

RT: 8.36 min Scan# 931

Delta R.T. 0.00 min

Lab File: BM029906.D

Acq: 10 May 2021 15:20

Instrument :

BNA_M

ClientSampleId :

A0AA0MS

Tot Ion: 70 Resp: 298015

Ion Ratio Lower Upper

70 100

42 63.2 49.4 74.0

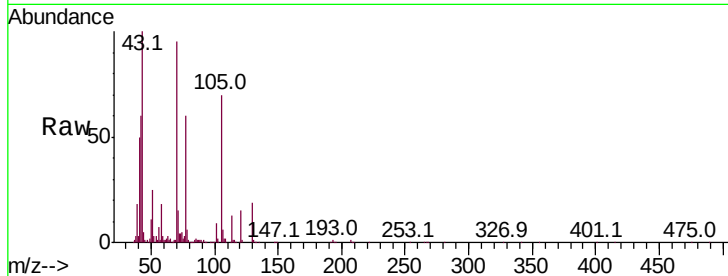
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130 20.0 16.5 24.7

Manual Integrations
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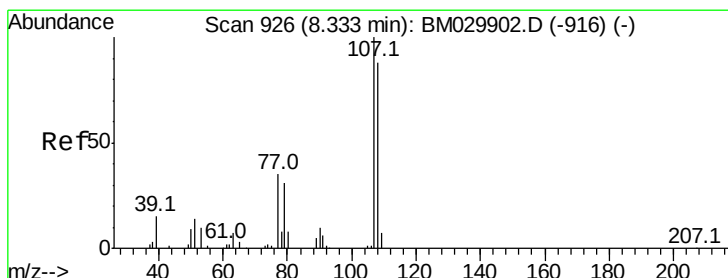
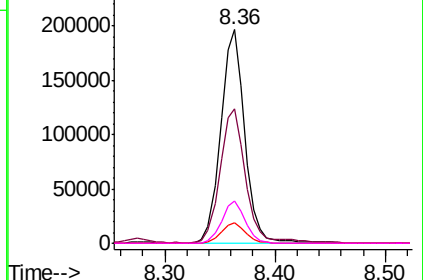
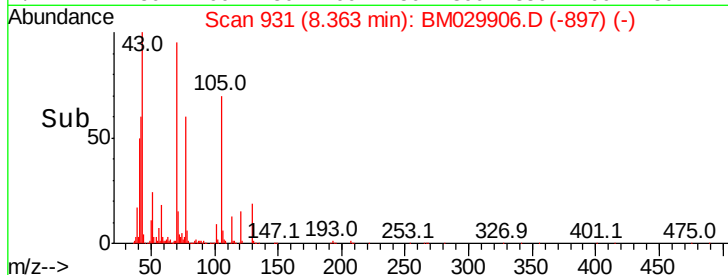


Abundance Ion 70.00 (69.70 to 70.70): BM029906.D (-897) (-)

Ion 42.00 (41.70 to 42.70): BM029906.D (-897) (-)

Ion 101.00 (100.70 to 101.70): BM029906.D (-897) (-)

Ion 130.00 (129.70 to 130.70): BM029906.D (-897) (-)



#18

4-Methylphenol

Concen: 2.498 ng/ul

RT: 8.33 min Scan# 926

Delta R.T. 0.00 min

Lab File: BM029906.D

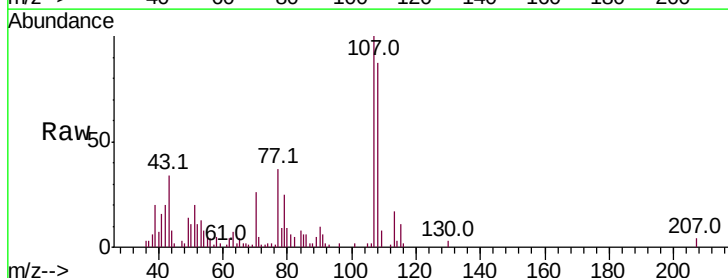
Acq: 10 May 2021 15:20

Tgt Ion: 108 Resp: 26207

Ion Ratio Lower Upper

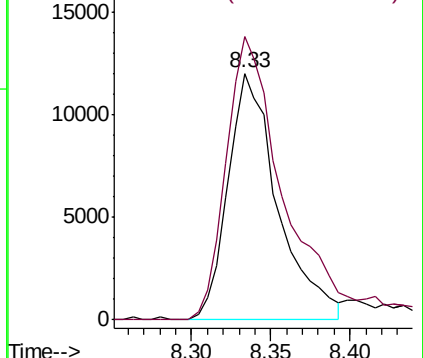
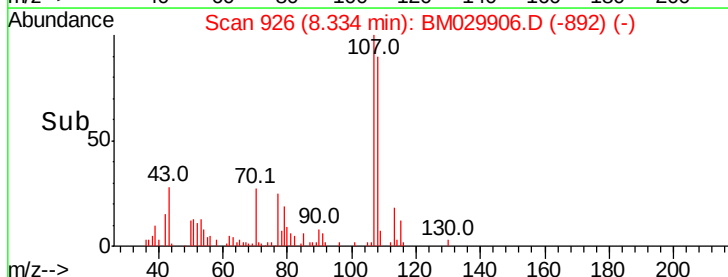
108 100

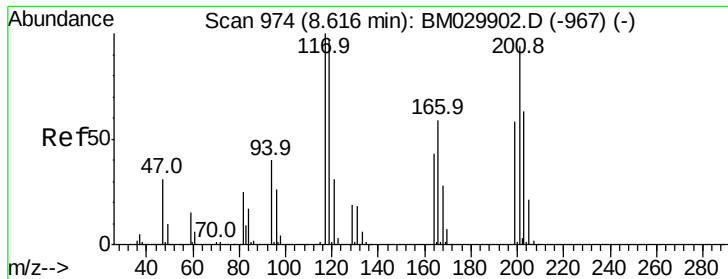
107 114.9 89.4 134.0



Abundance Ion 108.00 (107.70 to 108.70): BM029906.D (-892) (-)

Ion 107.00 (106.70 to 107.70): BM029906.D (-892) (-)





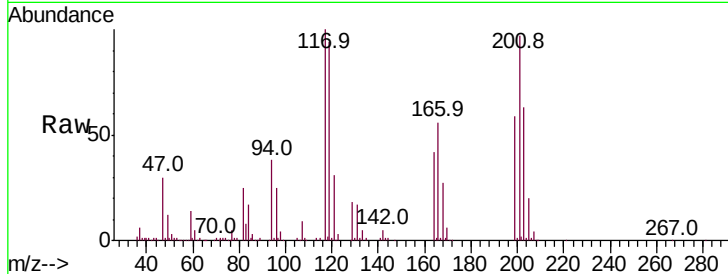
#19
Hexachloroethane
Concen: 34.334 ng/ul
RT: 8.62 min Scan# 974
Delta R.T. 0.00 min
Lab File: BM029906.D
Acq: 10 May 2021 15:20

Instrument :
BNA_M
ClientSampleId :
A0AA0MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	139700		
201	97.1	79.4	119.2	
199	58.8	48.0	72.0	

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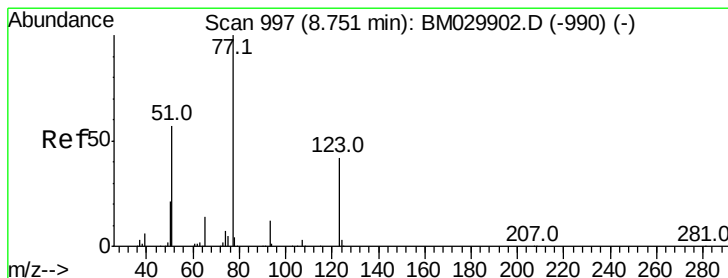
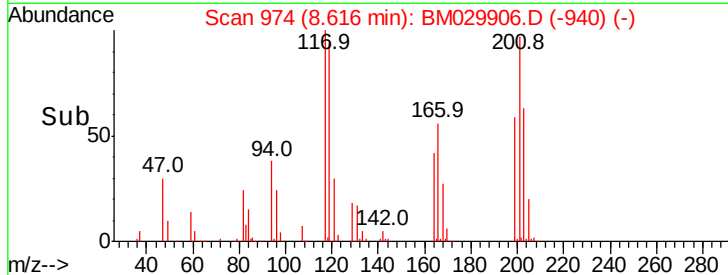
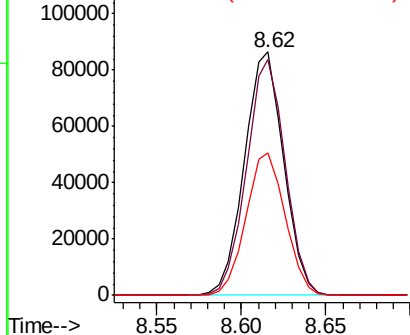


Abundance

Ion 117.00 (116.70 to 117.70): E

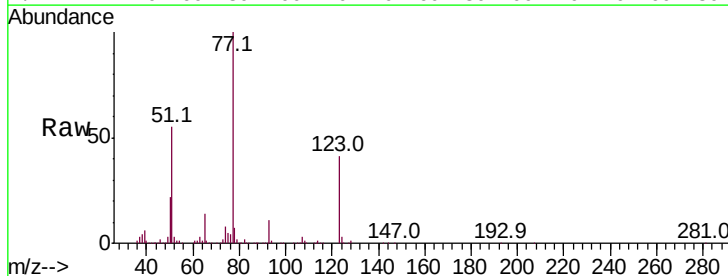
Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#22
Nitrobenzene
Concen: 38.881 ng/ul
RT: 8.75 min Scan# 997
Delta R.T. 0.00 min
Lab File: BM029906.D
Acq: 10 May 2021 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	430959		
123	41.4	35.0	52.6	
65	13.8	10.3	15.5	

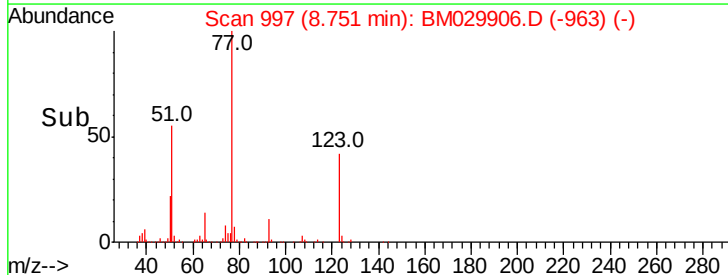
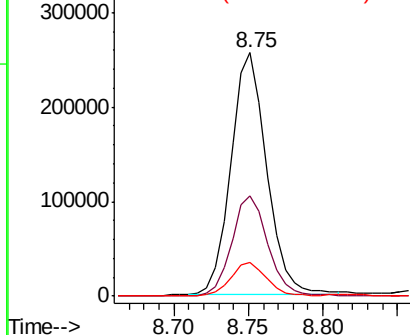


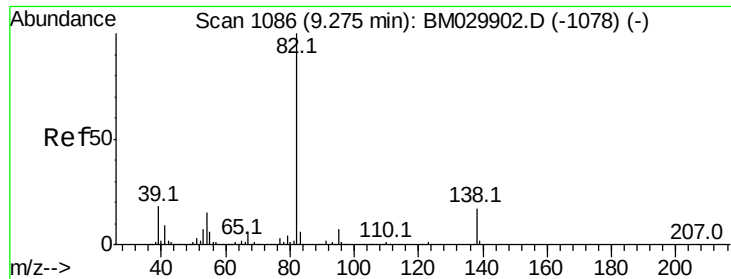
Abundance

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





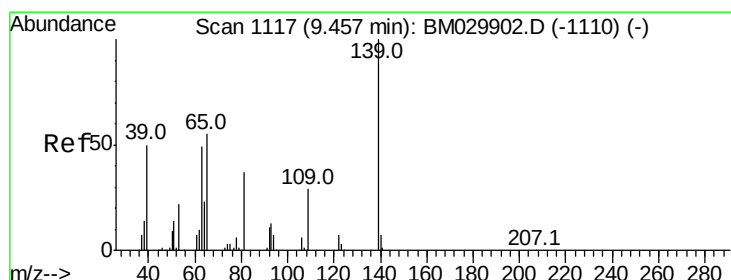
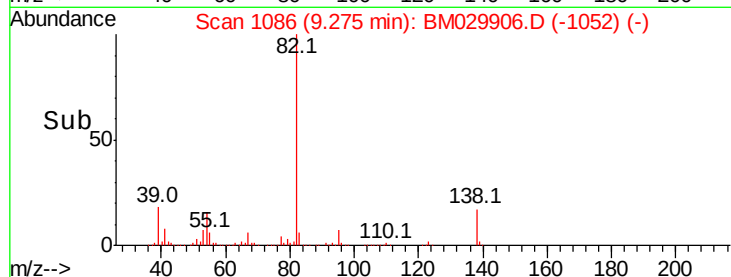
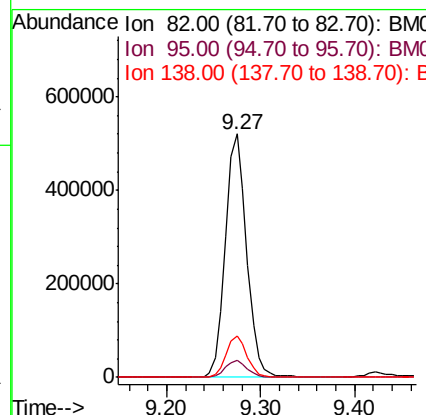
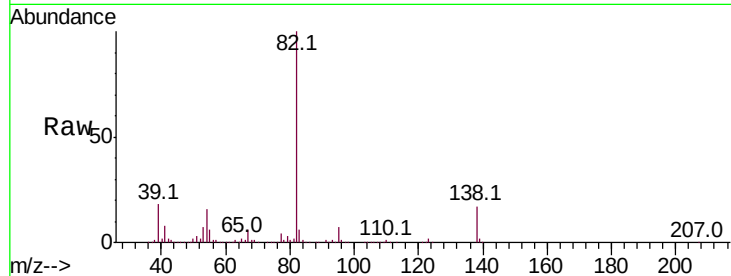
#23
Isophorone
Concen: 35.091 ng/ul
RT: 9.27 min Scan# 1086
Delta R.T. 0.00 min
Lab File: BM029906.D
Acq: 10 May 2021 15:20

Instrument :
BNA_M
ClientSampleId :
A0AA0MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	822693		
95	7.2		5.5	8.3
138	17.2		13.8	20.6

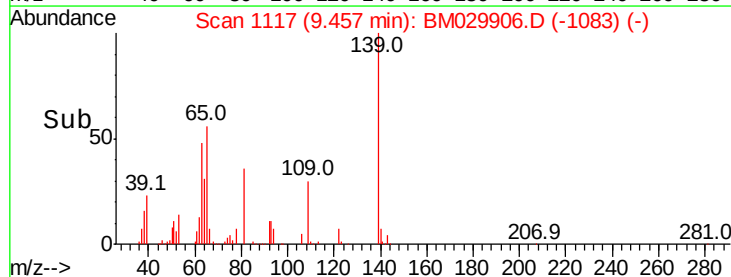
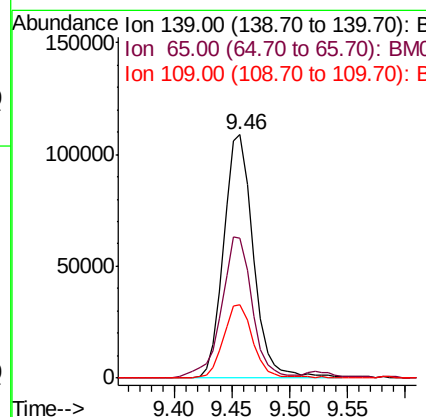
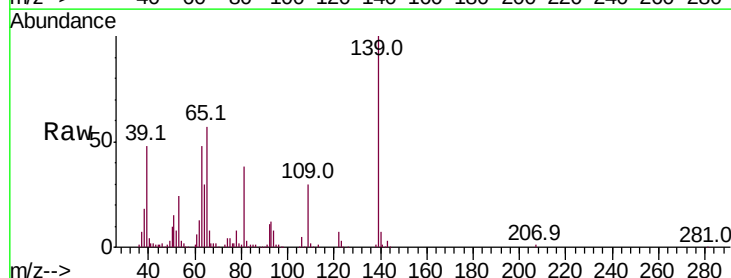
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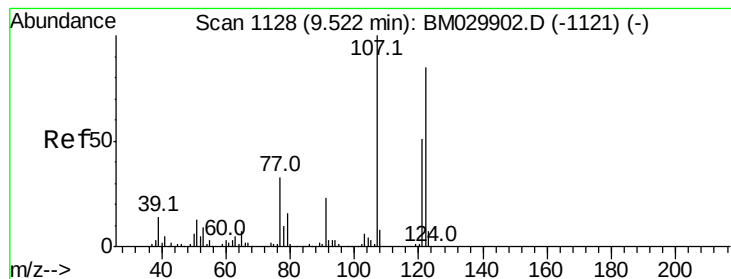
mohammad
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#25
2-Nitrophenol
Concen: 37.258 ng/ul
RT: 9.46 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BM029906.D
Acq: 10 May 2021 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	194203		
65	57.5		44.6	67.0
109	30.1		24.4	36.6





#26

2,4-Dimethylphenol

Concen: 3.136 ng/ul

RT: 9.53 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BM029906.D

Acq: 10 May 2021 15:20

Instrument :

BNA_M

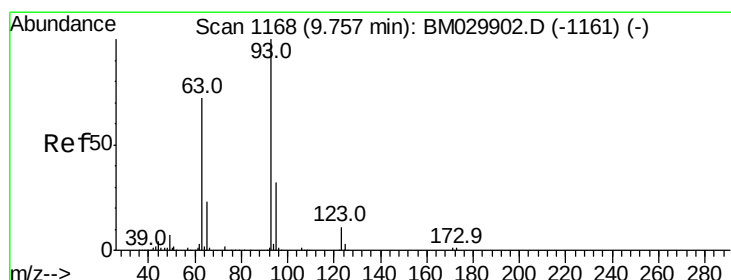
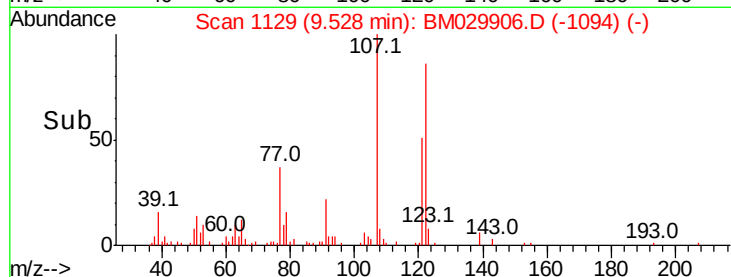
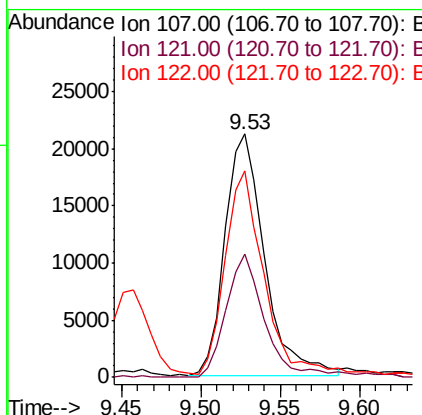
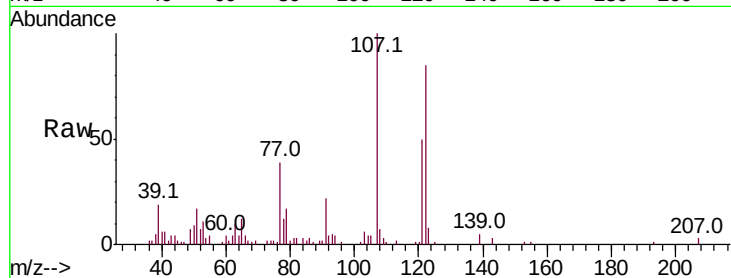
ClientSampleId :

A0AA0MS

Tot Ion:	107	Resp:	36888
Ion	Ratio	Lower	Upper
107	100		
121	50.5	40.7	61.1
122	84.6	68.9	103.3

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#27

Bis(2-Chloroethoxy)methane

Concen: 34.737 ng/ul

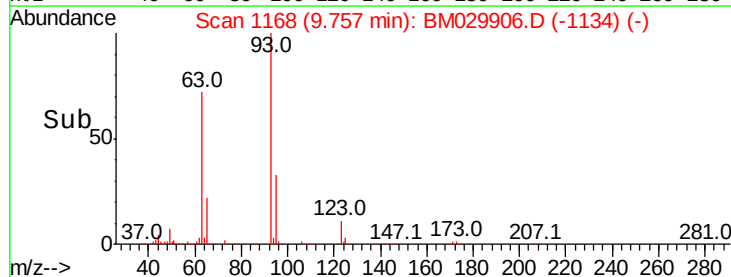
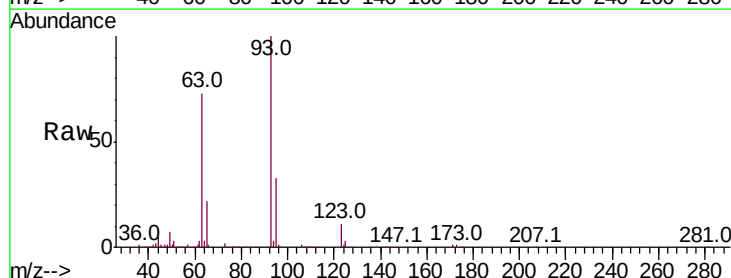
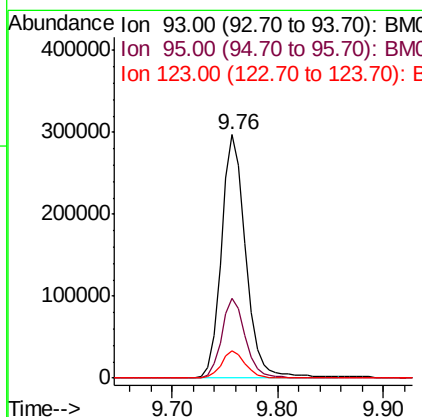
RT: 9.76 min Scan# 1168

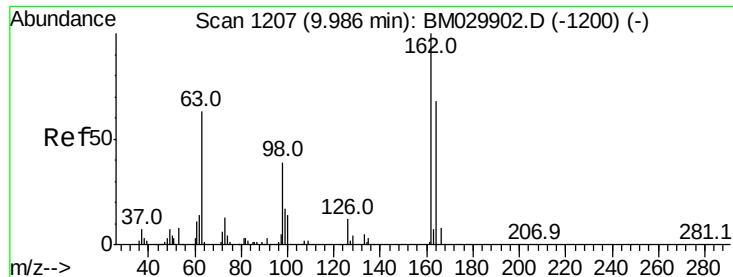
Delta R.T. 0.00 min

Lab File: BM029906.D

Acq: 10 May 2021 15:20

Tgt Ion:	93	Resp:	476999
Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.3	37.9
123	11.1	8.8	13.2





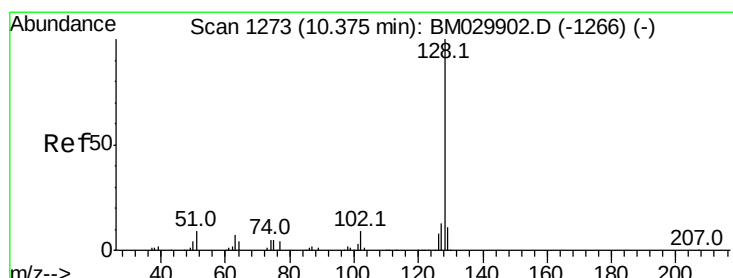
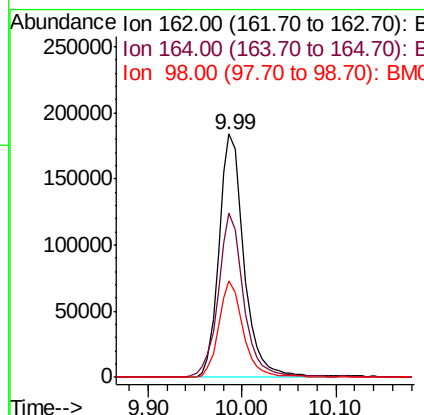
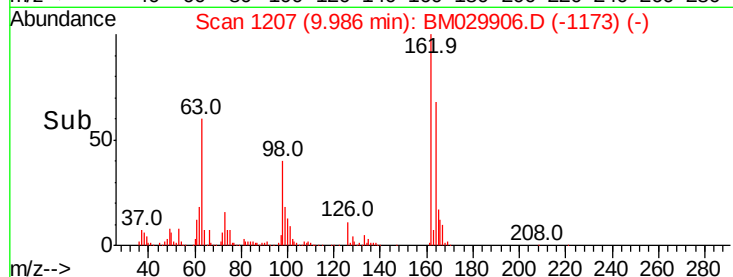
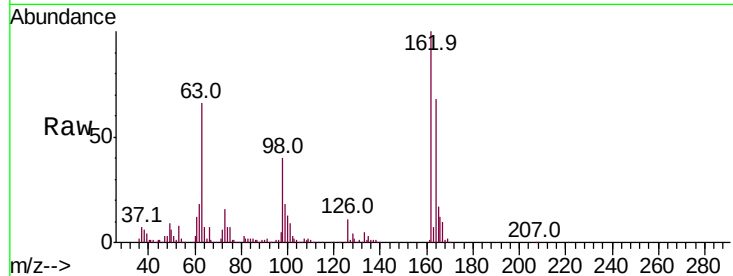
#29
2,4-Dichlorophenol
Concen: 36.374 ng/ul
RT: 9.99 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BM029906.D
Acq: 10 May 2021 15:20

Instrument :
BNA_M
ClientSampleId :
A0AA0MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	343890		
164	67.7	51.2	76.8	
98	39.5	29.7	44.5	

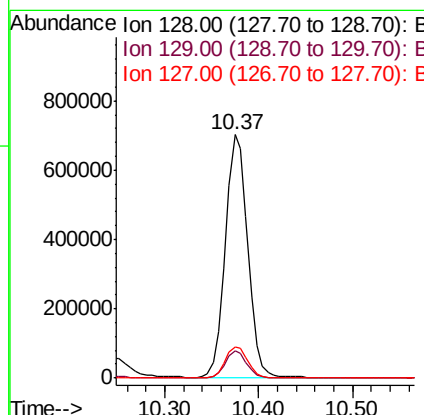
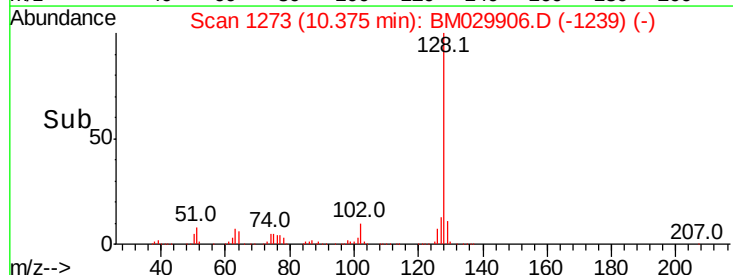
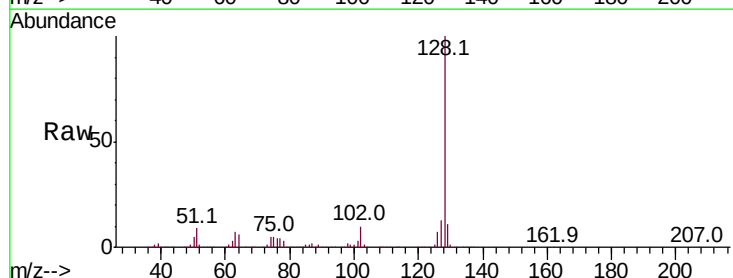
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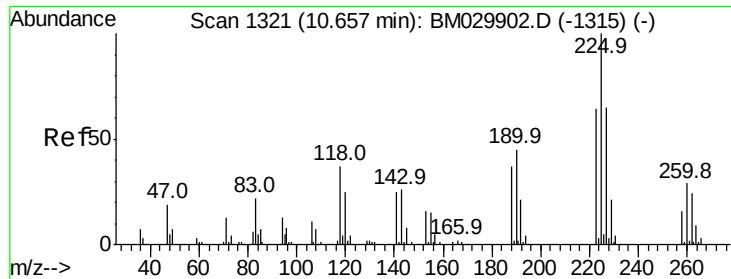
mohammad
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#30
Naphthalene
Concen: 33.824 ng/ul
RT: 10.37 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BM029906.D
Acq: 10 May 2021 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	1158883		
129	11.1	8.5	12.7	
127	13.0	10.4	15.6	





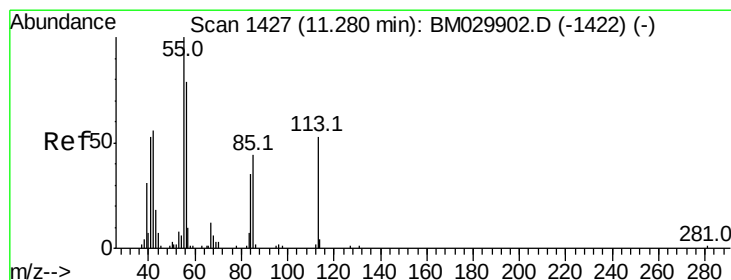
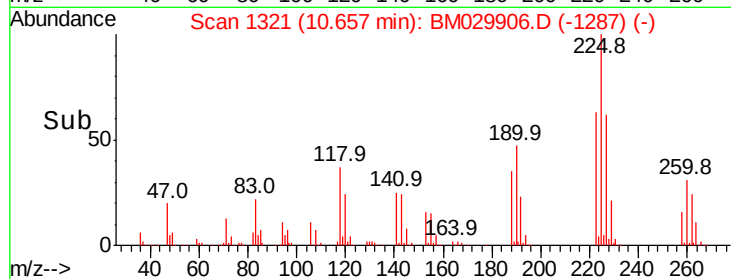
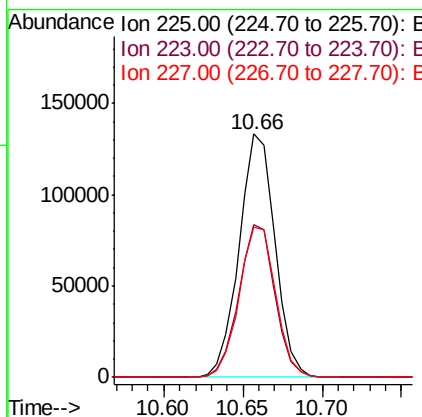
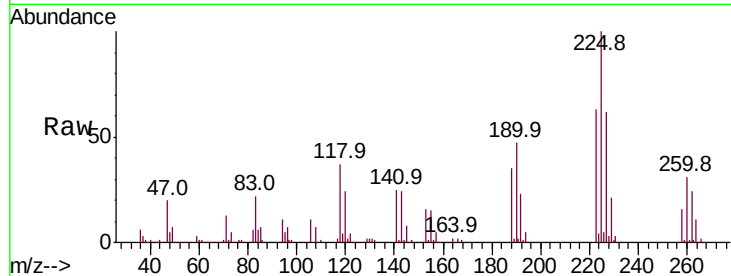
#33
Hexachlorobutadiene
Concen: 33.046 ng/ul
RT: 10.66 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BM029906.D
Acq: 10 May 2021 15:20

Instrument :
BNA_M
ClientSampleId :
A0AA0MS

Tot Ion	Ratio	Resp	Lower	Upper
225	100	209480		
223	62.9	53.0	79.4	
227	61.9	51.2	76.8	

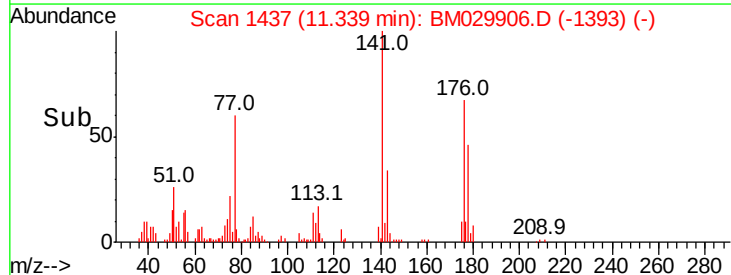
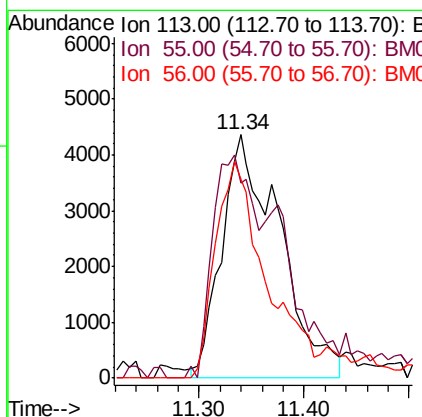
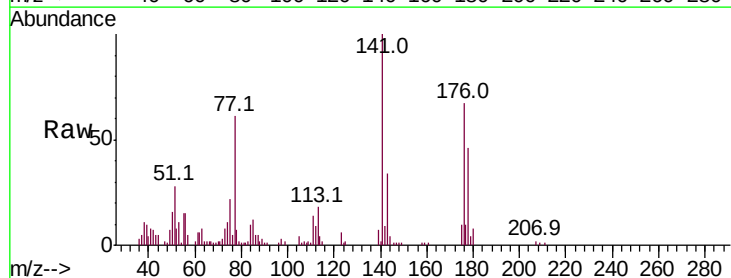
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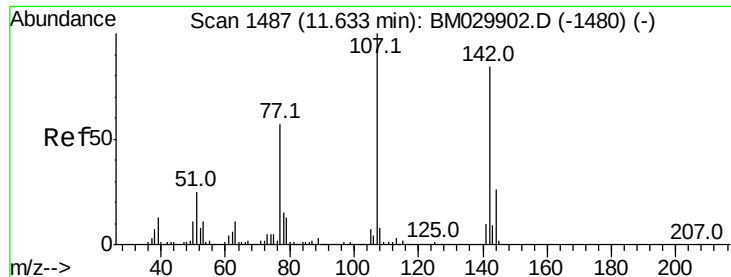
mohammad
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#34
Caprolactam
Concen: 5.007 ng/ul m
RT: 11.34 min Scan# 1437
Delta R.T. 0.06 min
Lab File: BM029906.D
Acq: 10 May 2021 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	16800		
55	80.2	138.9	208.3#	
56	81.7	105.4	158.2#	





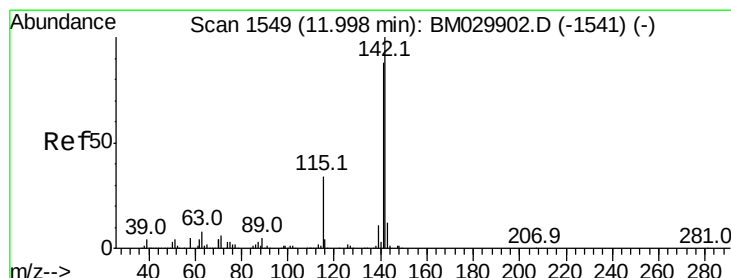
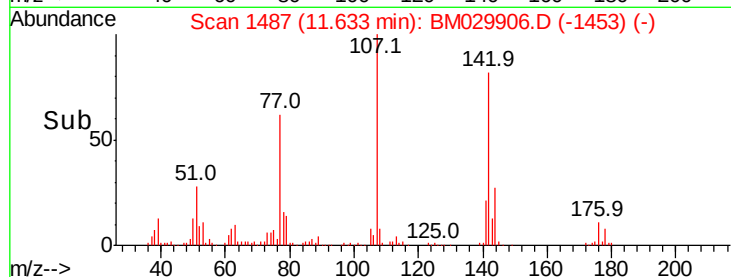
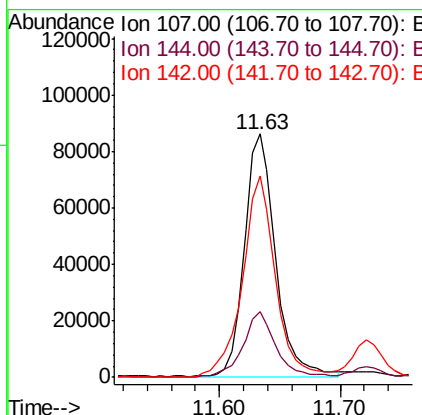
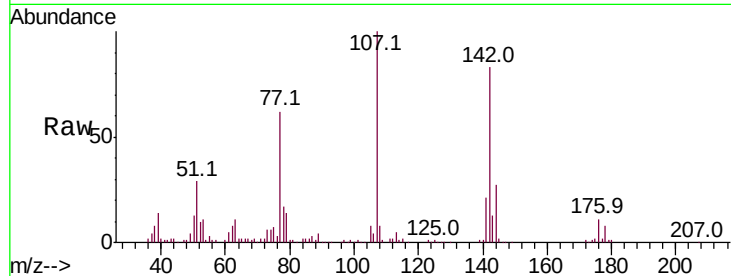
#35
4-Chloro-3-methylphenol
Concen: 14.729 ng/ul
RT: 11.63 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BM029906.D
Acq: 10 May 2021 15:20

Instrument :
BNA_M
ClientSampleId :
A0AA0MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	154102		
144	26.8	21.3	31.9	
142	82.5	64.6	97.0	

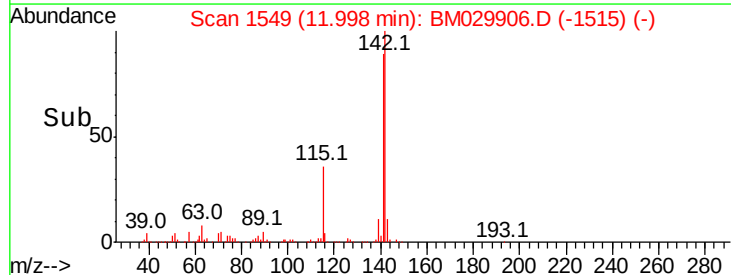
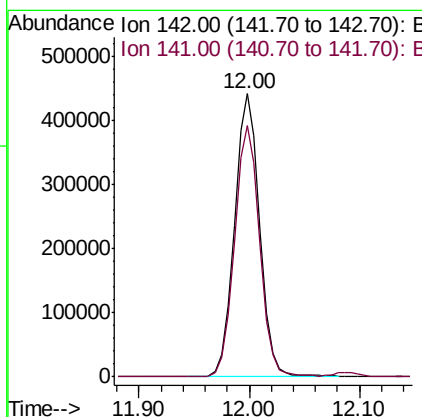
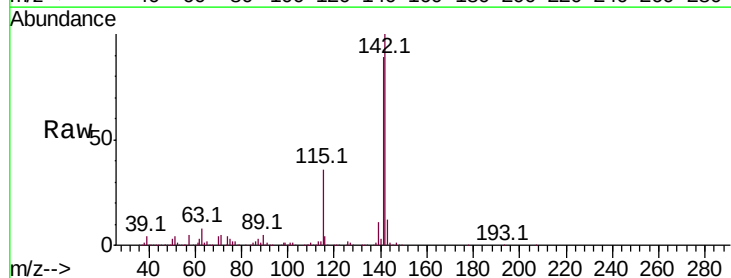
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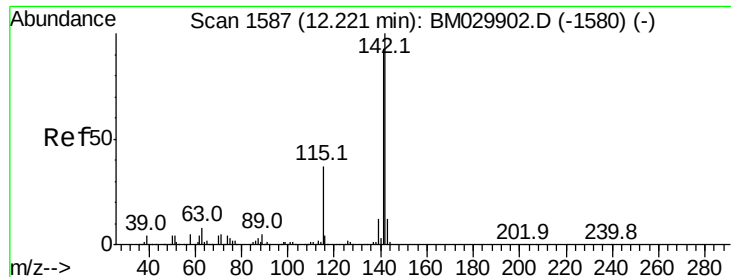
mohammad
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#36
2-Methylnaphthalene
Concen: 28.281 ng/ul
RT: 12.00 min Scan# 1549
Delta R.T. 0.00 min
Lab File: BM029906.D
Acq: 10 May 2021 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	702869		
141	88.6	72.1	108.1	





#37

1-Methylnaphthalene

Concen: 31.090 ng/ul

RT: 12.22 min Scan# 1587

Delta R.T. 0.00 min

Lab File: BM029906.D

Acq: 10 May 2021 15:20

Instrument :

BNA_M

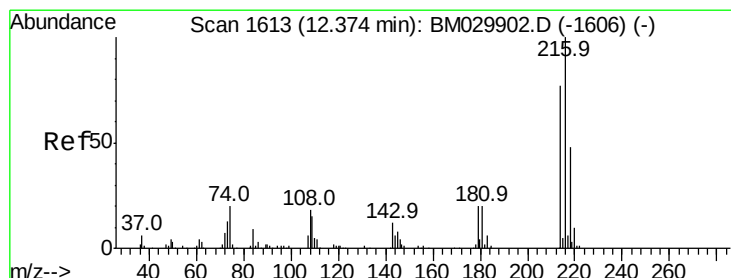
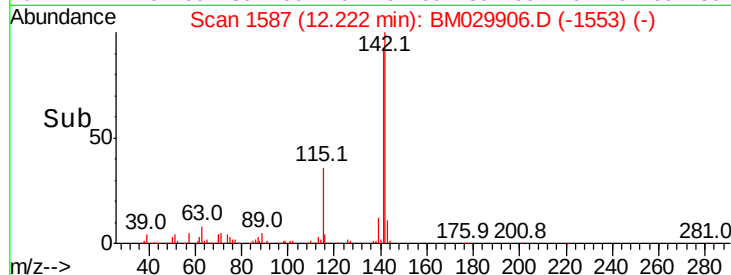
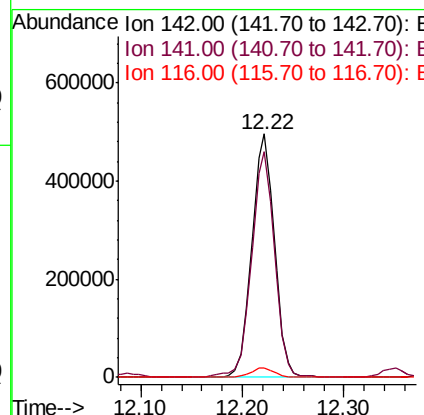
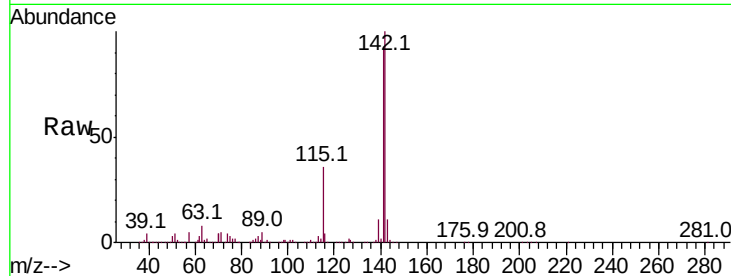
ClientSampleId :

A0AA0MS

Tot Ion:	142	Resp:	765762
Ion Ratio	Lower	Upper	
142	100		
141	92.5	72.9	109.3
116	4.0	3.0	4.6

Manual Integrations
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#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.750 ng/ul

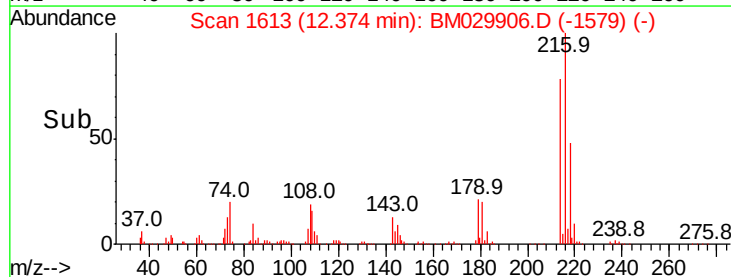
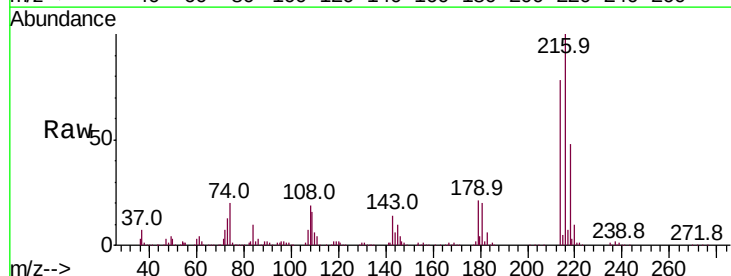
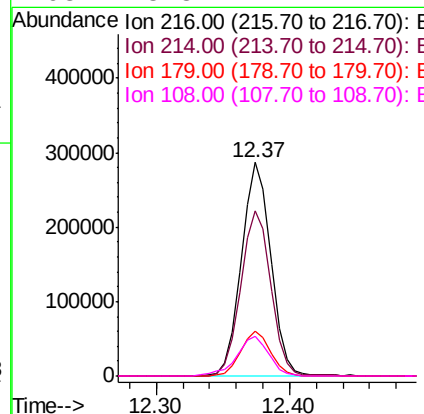
RT: 12.37 min Scan# 1613

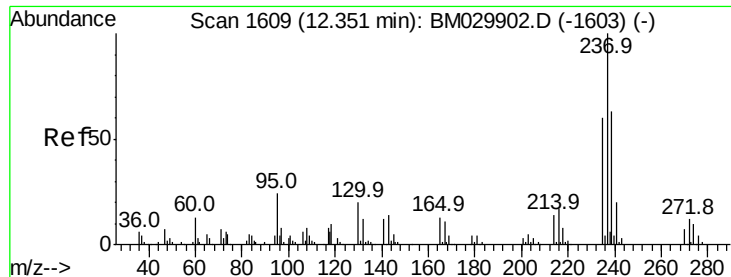
Delta R.T. 0.00 min

Lab File: BM029906.D

Acq: 10 May 2021 15:20

Tgt Ion:	216	Resp:	439021
Ion Ratio	Lower	Upper	
216	100		
214	77.6	61.9	92.9
179	21.1	16.8	25.2
108	18.8	14.1	21.1





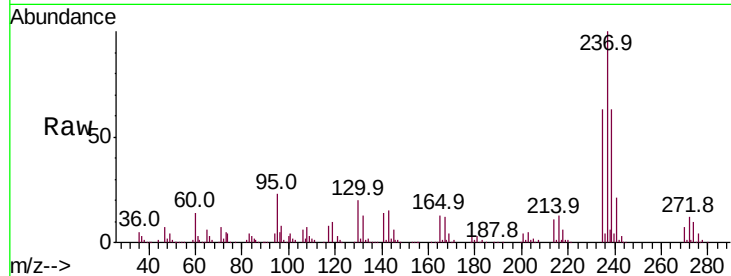
#40
Hexachlorocyclopentadiene
Concen: 32.727 ng/ul
RT: 12.35 min Scan# 1609
Delta R.T. 0.00 min
Lab File: BM029906.D
Acq: 10 May 2021 15:20

Instrument :
BNA_M
ClientSampleId :
A0AA0MS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	214773		
235	63.2	50.0	75.0	
272	12.2	10.2	15.2	

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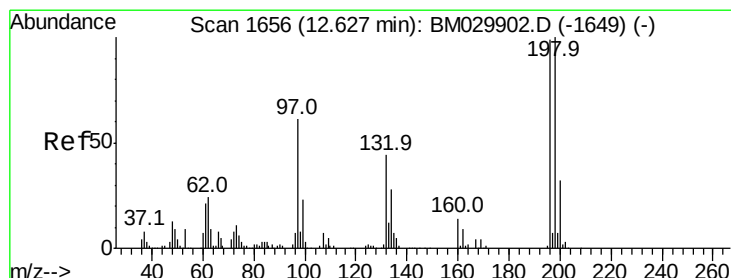
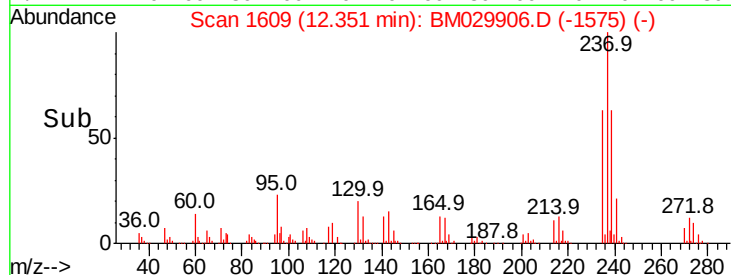
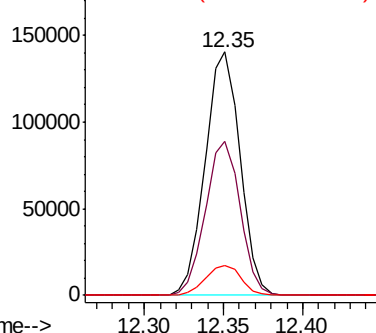


Abundance

Ion 237.00 (236.70 to 237.70): E

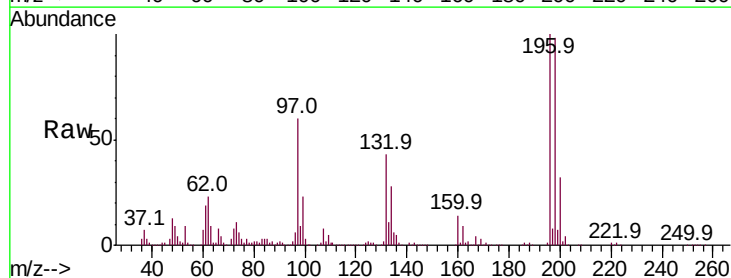
Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#41
2,4,6-Trichlorophenol
Concen: 37.625 ng/ul
RT: 12.63 min Scan# 1656
Delta R.T. 0.00 min
Lab File: BM029906.D
Acq: 10 May 2021 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	289865		
198	97.6	77.0	115.4	
200	32.1	23.7	35.5	

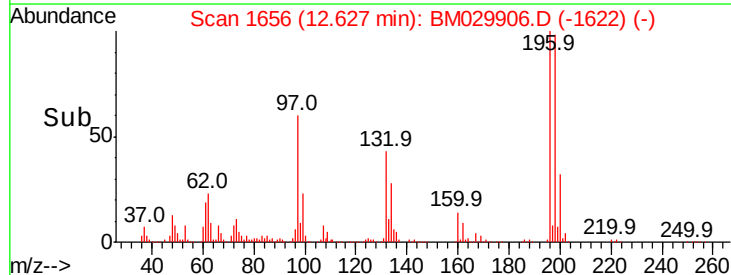
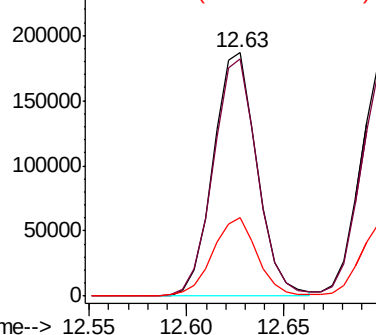


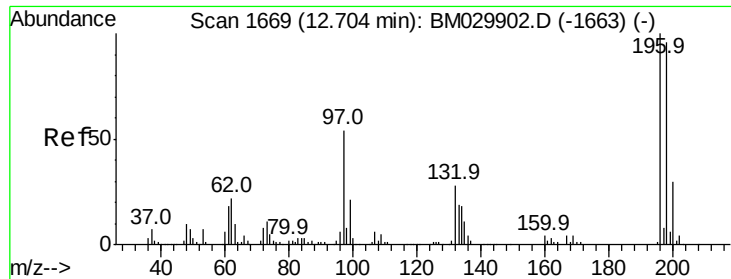
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





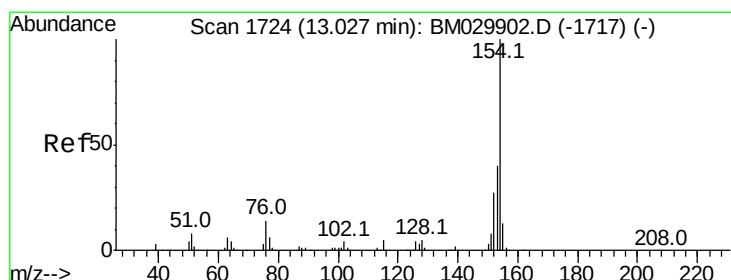
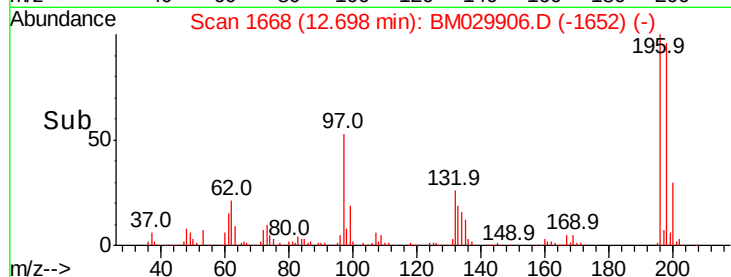
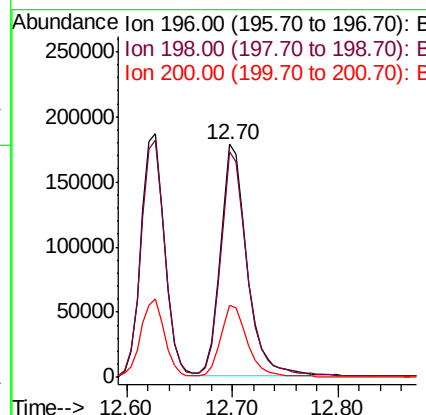
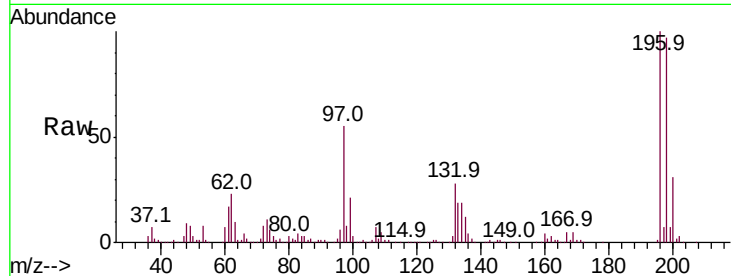
#42
 2,4,5-Trichlorophenol
 Concen: 38.040 ng/ul
 RT: 12.70 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM029906.D
 Acq: 10 May 2021 15:20

Instrument :
 BNA_M
 ClientSampleID :
 A0AA0MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	310164		
198	97.0	75.3	112.9	
200	30.9	24.6	36.8	

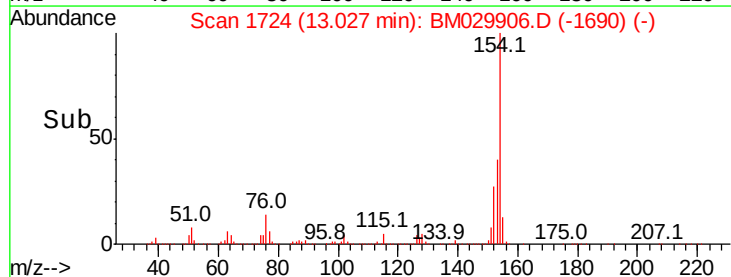
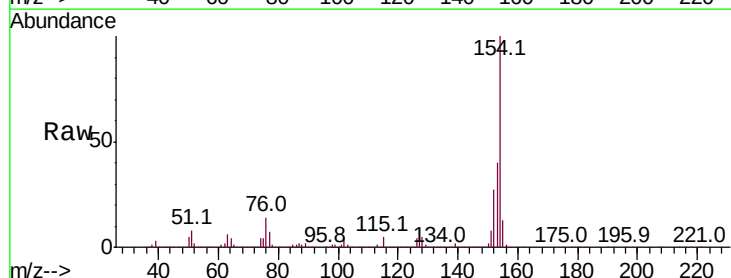
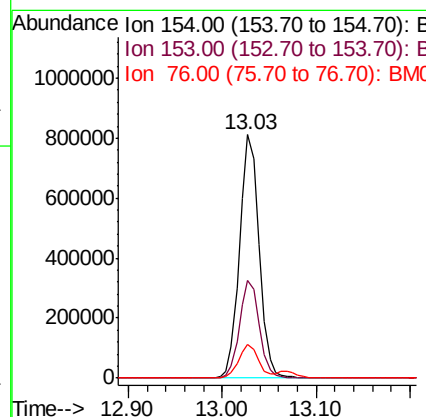
Manual Integrations
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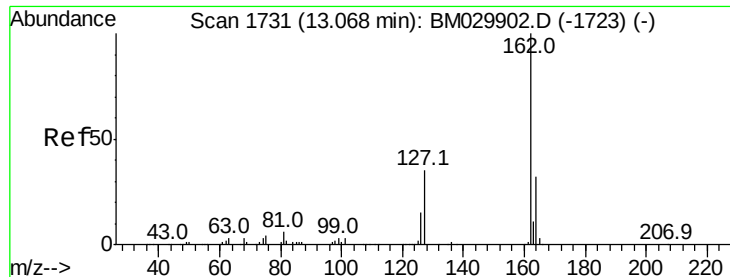
mohammad
 5/11/2021 2:32:31 PM



#43
 1,1'-Biphenyl
 Concen: 37.027 ng/ul
 RT: 13.03 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BM029906.D
 Acq: 10 May 2021 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1176778		
153	40.3	33.3	49.9	
76	13.8	10.3	15.5	





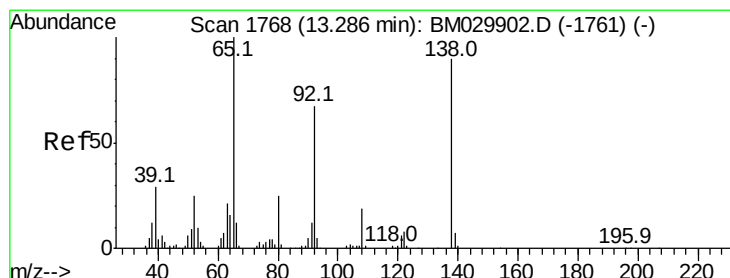
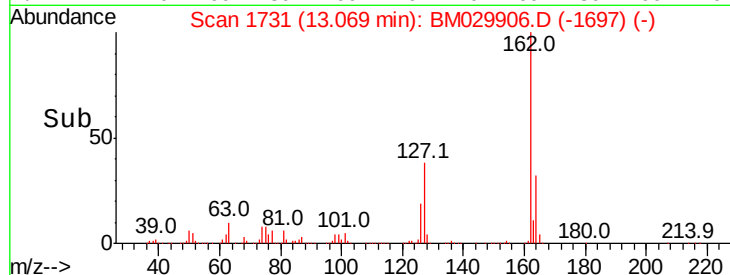
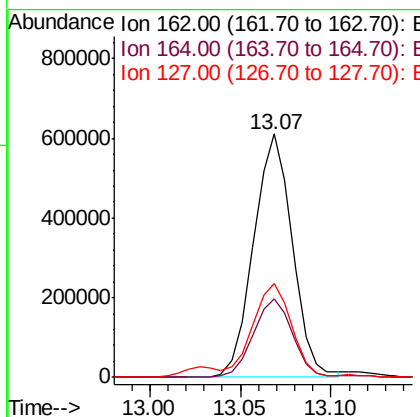
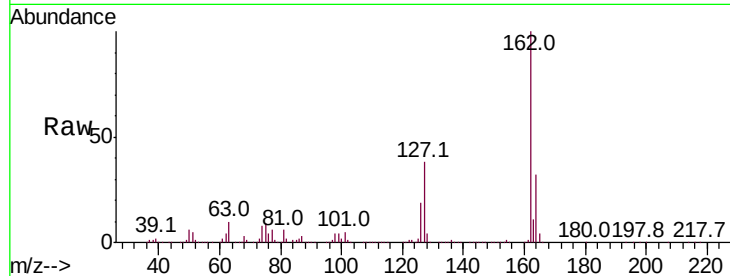
#44
2-Chloronaphthalene
Concen: 37.212 ng/ul
RT: 13.07 min Scan# 1731
Delta R.T. 0.00 min
Lab File: BM029906.D
Acq: 10 May 2021 15:20

Instrument :
BNA_M
ClientSampleId :
A0AA0MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	907615		
164	32.1	25.8	38.6	
127	38.4	31.0	46.6	

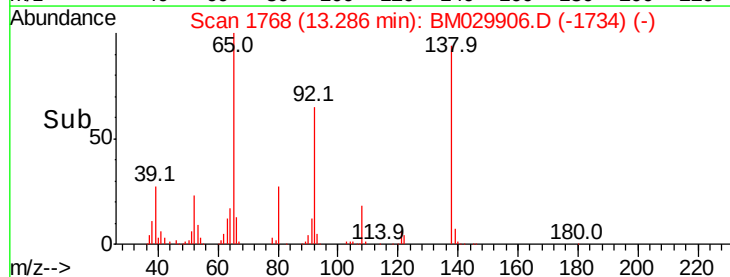
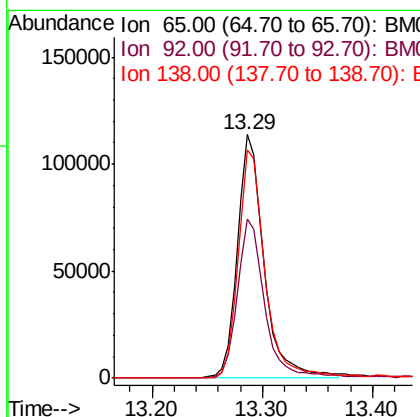
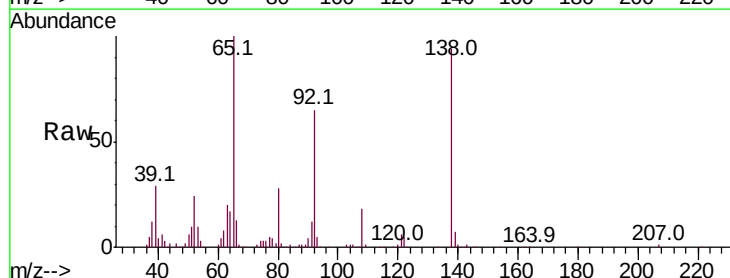
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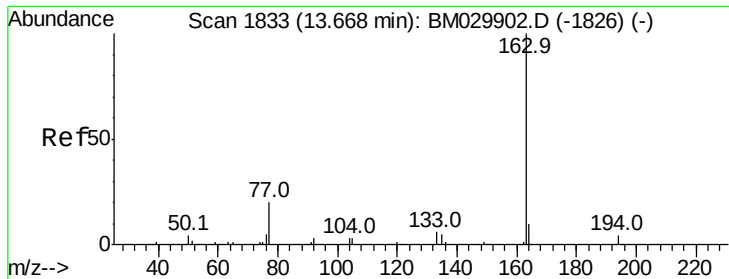
mohammad
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#45
2-Nitroaniline
Concen: 31.380 ng/ul
RT: 13.29 min Scan# 1768
Delta R.T. 0.00 min
Lab File: BM029906.D
Acq: 10 May 2021 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	193445		
92	65.1	53.2	79.8	
138	93.7	81.1	121.7	





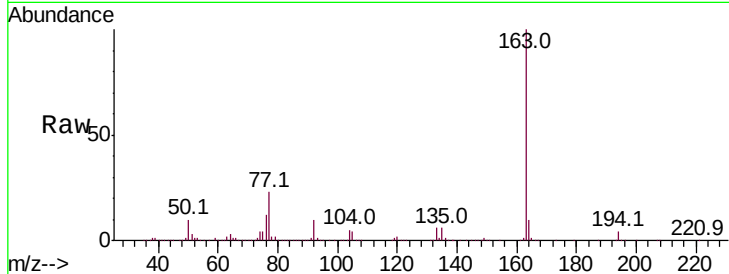
#47
Dimethylphthalate
Concen: 41.874 ng/ul
RT: 13.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: BM029906.D
Acq: 10 May 2021 15:20

Instrument :
BNA_M
ClientSampleId :
A0AA0MS

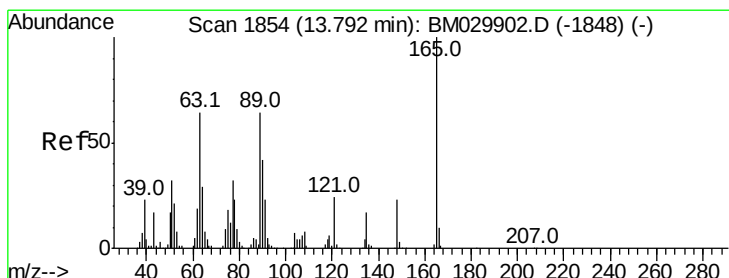
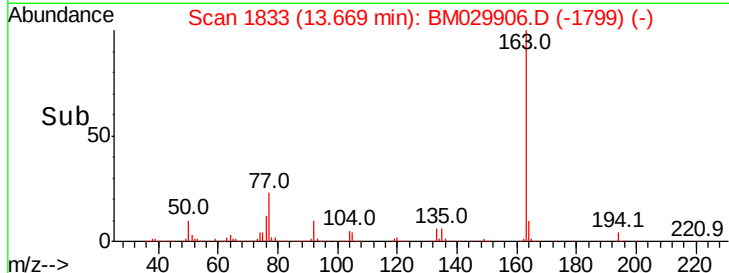
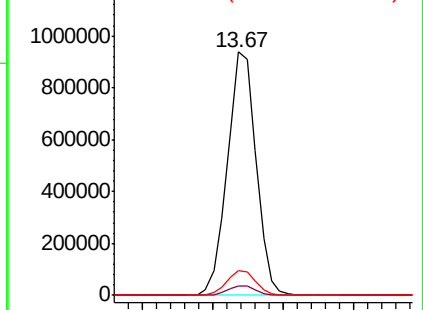
Tot Ion:163 Resp: 1328747
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.4 7.8 11.8

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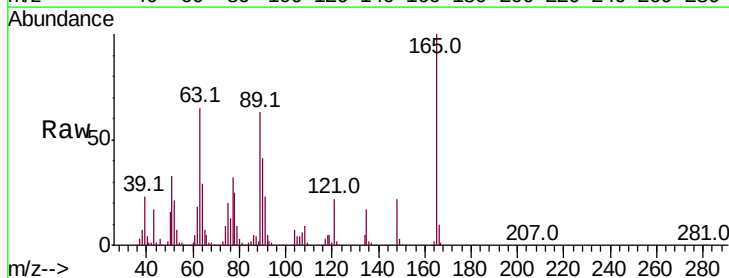


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

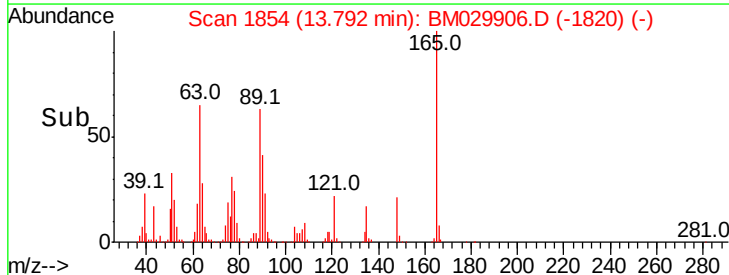
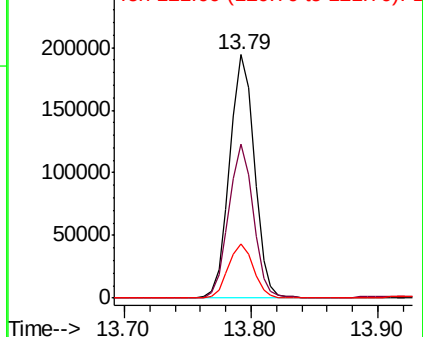


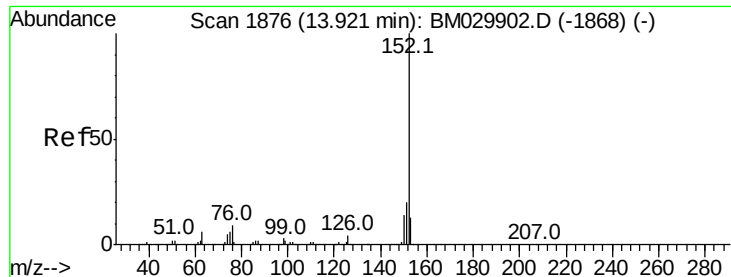
#48
2,6-Dinitrotoluene
Concen: 46.164 ng/ul
RT: 13.79 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BM029906.D
Acq: 10 May 2021 15:20

Tgt Ion:165 Resp: 262966
Ion Ratio Lower Upper
165 100
89 63.3 52.5 78.7
121 22.2 18.8 28.2



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BM0
Ion 121.00 (120.70 to 121.70): E





#50

Acenaphthylene

Concen: 24.033 ng/ul

RT: 13.92 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BM029906.D

Acq: 10 May 2021 15:20

Instrument :

BNA_M

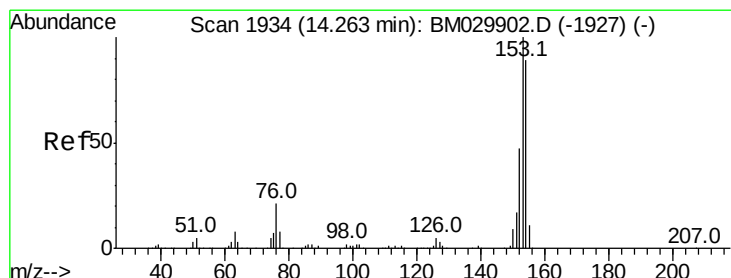
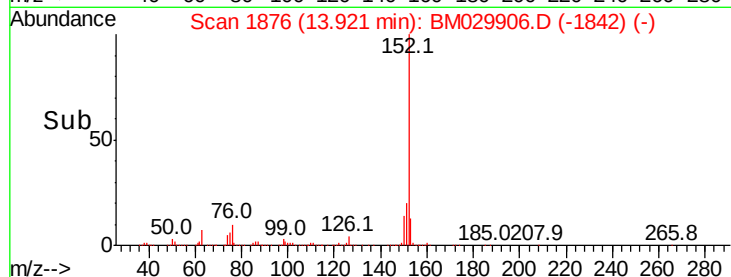
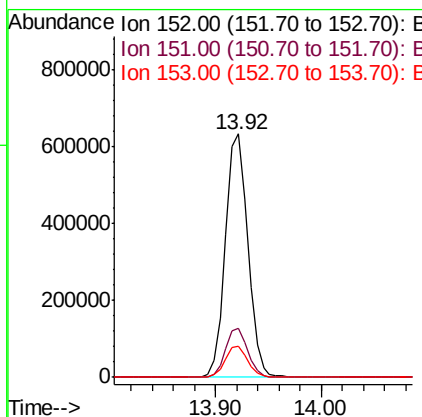
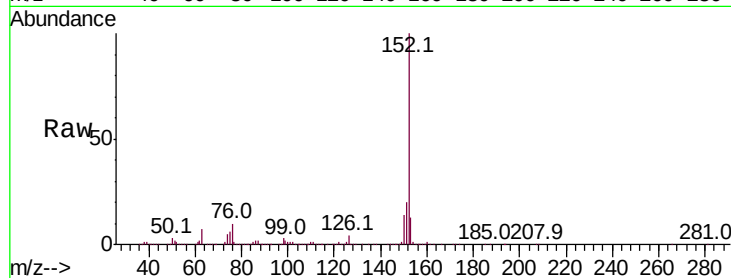
ClientSampleId :

A0AA0MS

Tot Ion:	152	Resp:	933425
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.6	24.8
153	13.0	10.6	16.0

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#52

Acenaphthene

Concen: 31.264 ng/ul

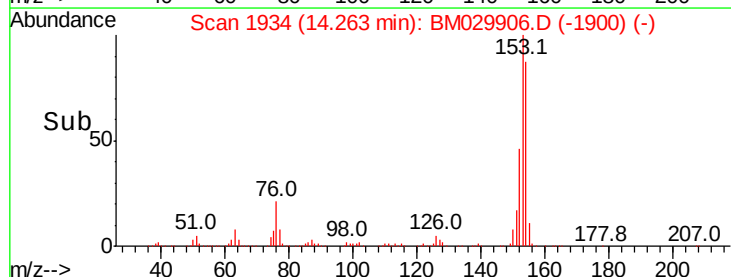
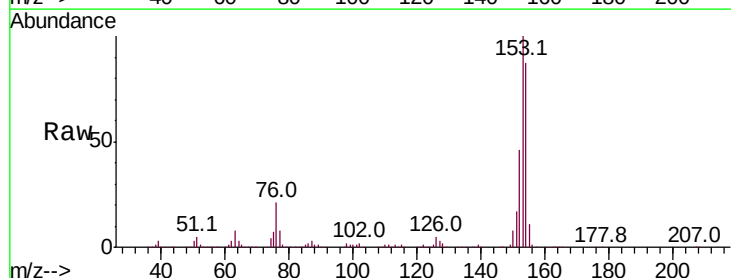
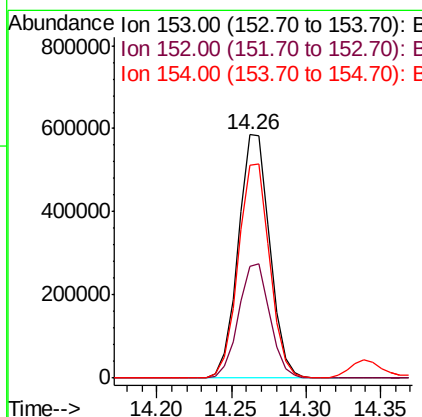
RT: 14.26 min Scan# 1934

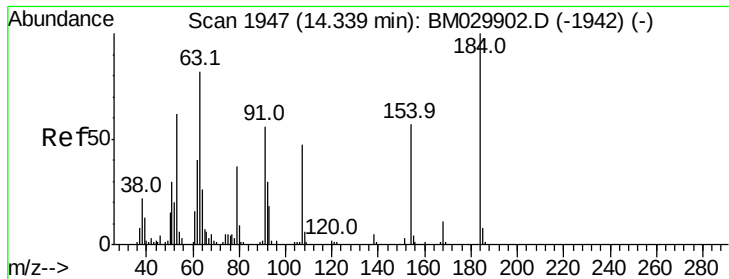
Delta R.T. 0.00 min

Lab File: BM029906.D

Acq: 10 May 2021 15:20

Tgt Ion:	153	Resp:	858180
Ion Ratio	Lower	Upper	
153	100		
152	46.2	37.7	56.5
154	87.4	70.2	105.4





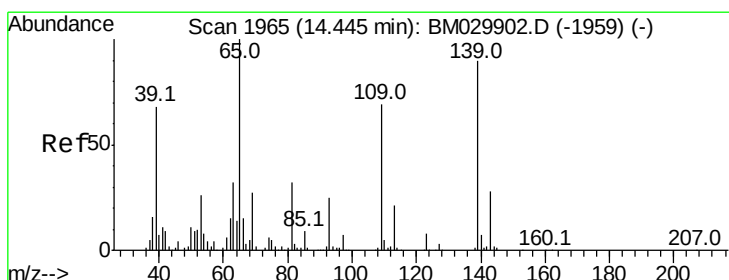
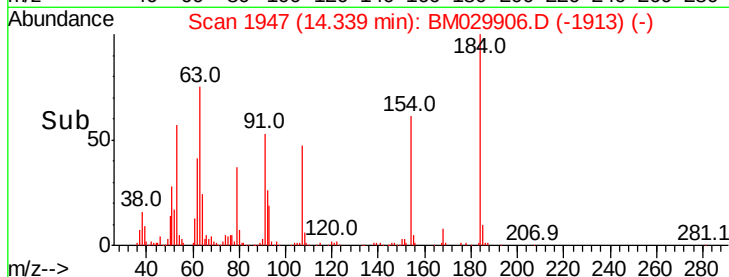
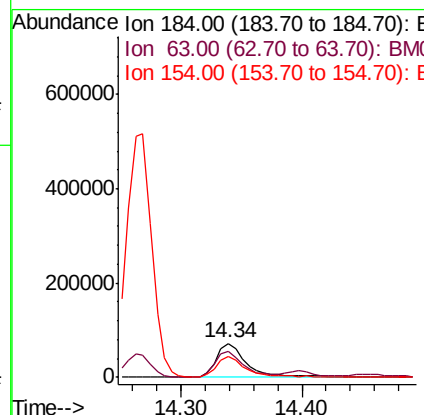
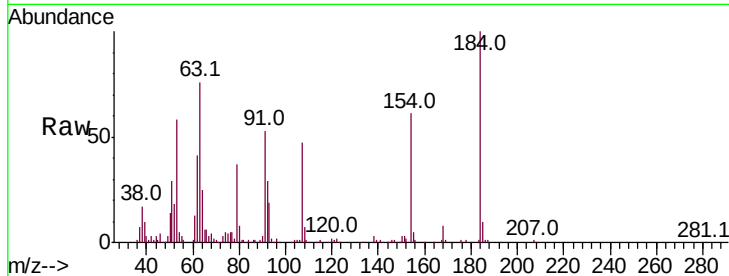
#53
2,4-Dinitrophenol
Concen: 32.189 ng/ul
RT: 14.34 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BM029906.D
Acq: 10 May 2021 15:20

Instrument :
BNA_M
ClientSampleId :
A0AA0MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	124754		
63	76.2	57.2	85.8	
154	61.2	45.8	68.6	

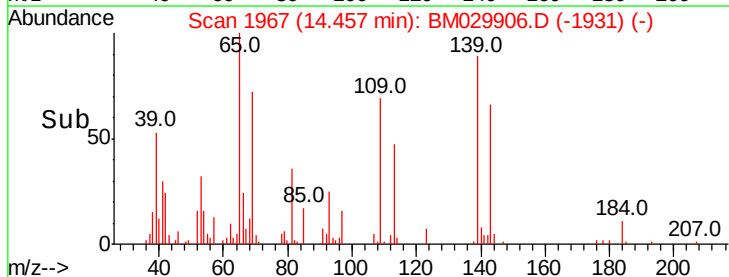
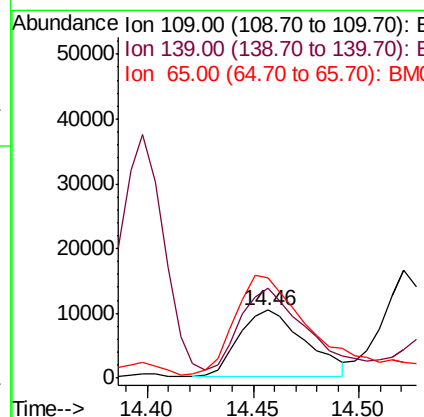
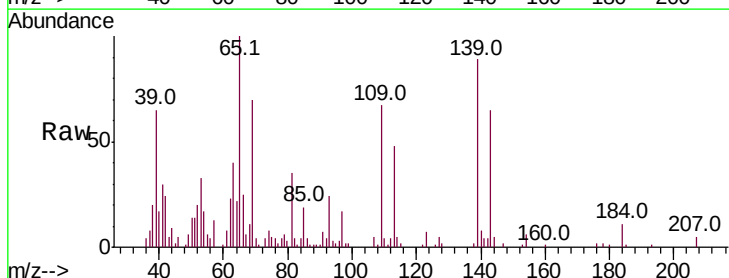
Manual Integrations
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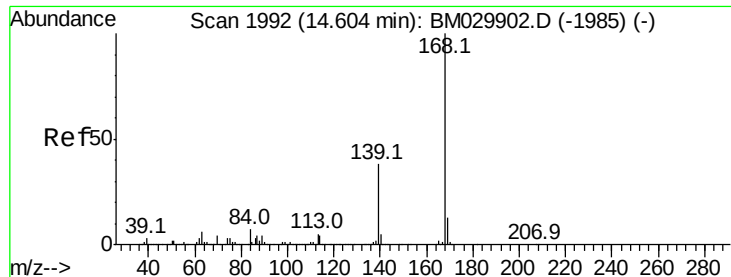
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#55
4-Nitrophenol
Concen: 5.722 ng/ul
RT: 14.46 min Scan# 1967
Delta R.T. 0.01 min
Lab File: BM029906.D
Acq: 10 May 2021 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	22710		
139	131.7	102.1	153.1	
65	148.2	114.6	172.0	





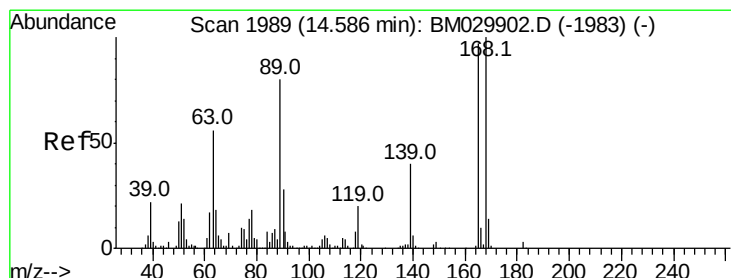
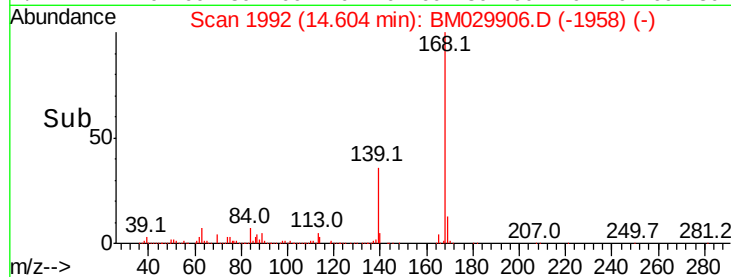
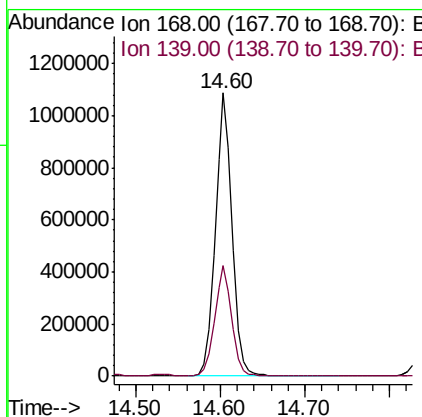
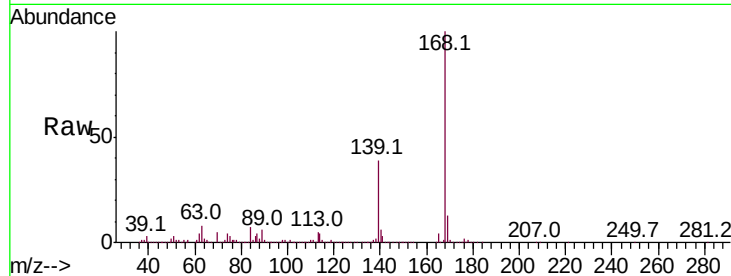
#56
 Dibenzofuran
 Concen: 40.148 ng/ul
 RT: 14.60 min Scan# 1992
 Delta R.T. 0.00 min
 Lab File: BM029906.D
 Acq: 10 May 2021 15:20

Instrument :
 BNA_M
 ClientSampleId :
 A0AA0MS

Tot Ion:168 Resp: 1509419
 Ion Ratio Lower Upper
 168 100
 139 39.2 29.8 44.6

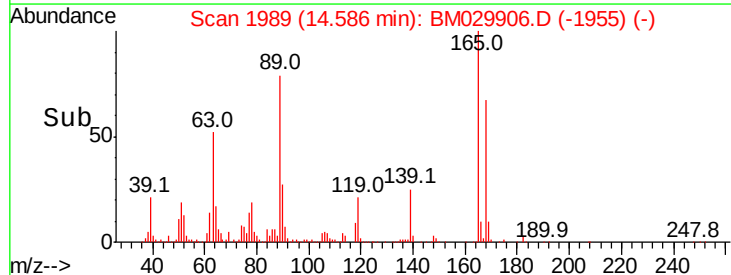
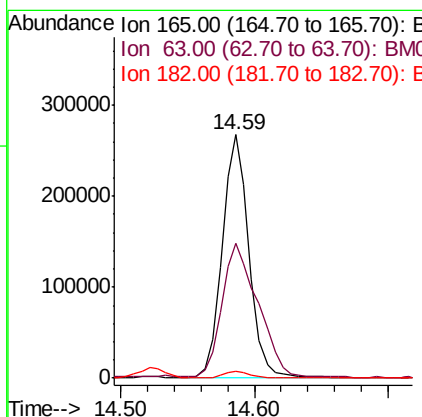
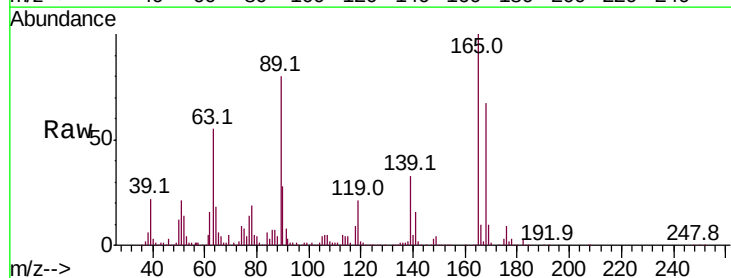
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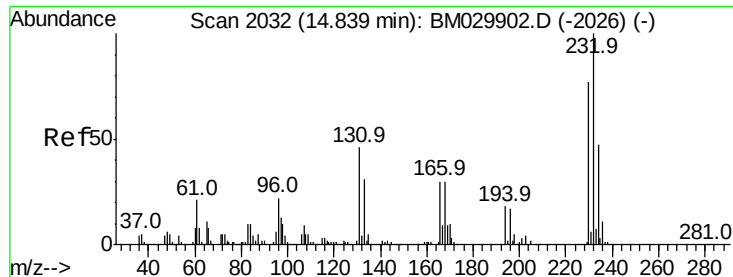
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#57
 2,4-Dinitrotoluene
 Concen: 44.607 ng/ul
 RT: 14.59 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: BM029906.D
 Acq: 10 May 2021 15:20

Tgt Ion:165 Resp: 376004
 Ion Ratio Lower Upper
 165 100
 63 55.1 40.7 61.1
 182 3.1 2.1 3.1





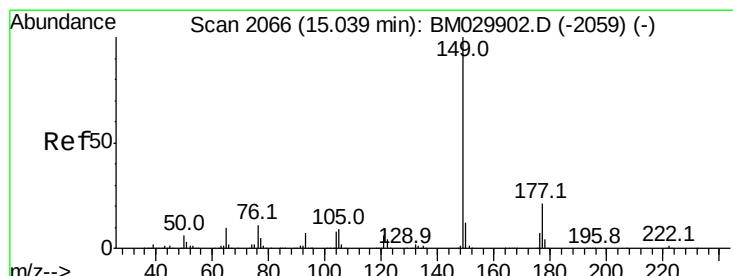
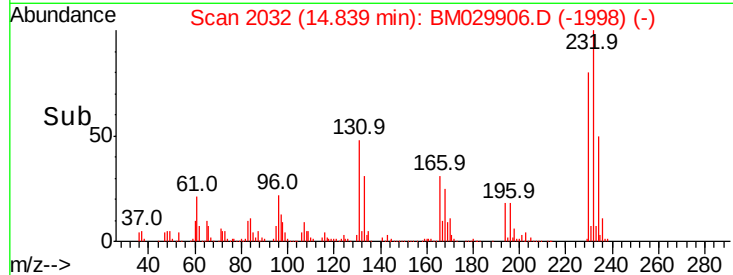
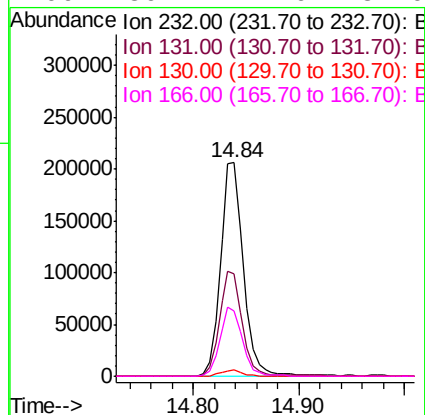
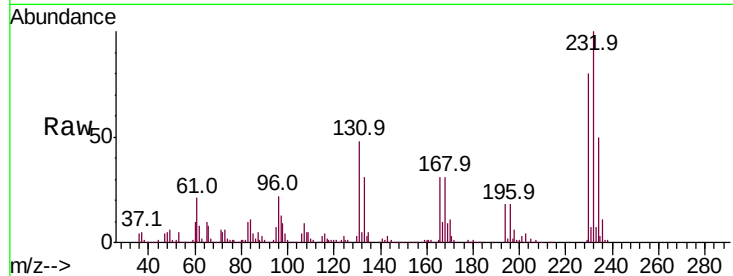
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.113 ng/ul
 RT: 14.84 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BM029906.D
 Acq: 10 May 2021 15:20

Instrument :
 BNA_M
 ClientSampleId :
 A0AA0MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	311449		
131	47.7		38.3	57.5
130	2.9		2.0	3.0
166	30.7		24.6	37.0

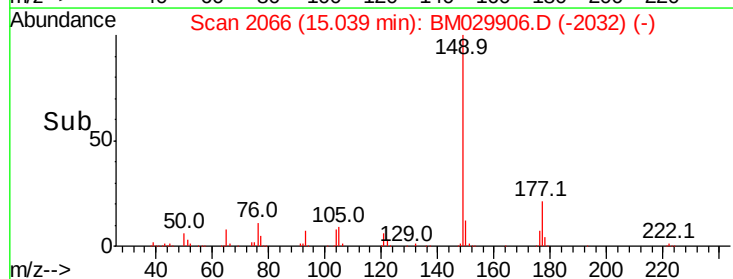
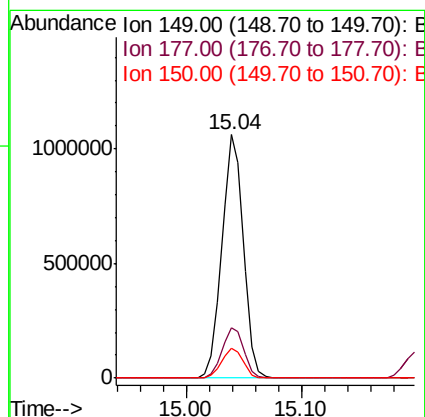
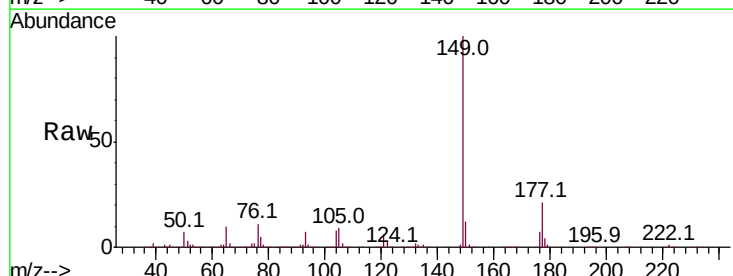
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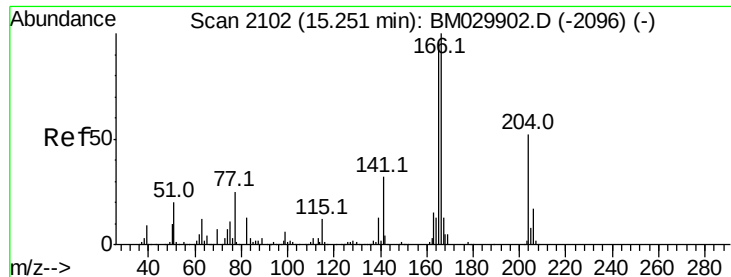
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#59
 Diethylphthalate
 Concen: 41.131 ng/ul
 RT: 15.04 min Scan# 2066
 Delta R.T. 0.00 min
 Lab File: BM029906.D
 Acq: 10 May 2021 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1361265		
177	20.9		17.2	25.8
150	12.5		10.0	15.0





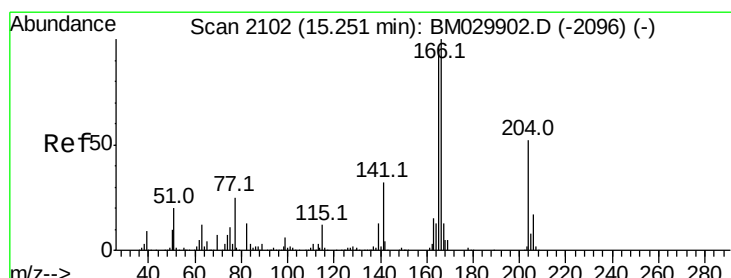
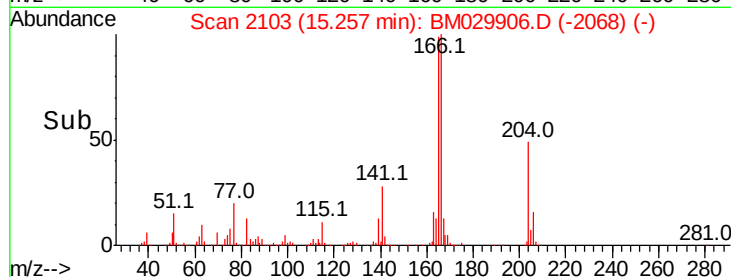
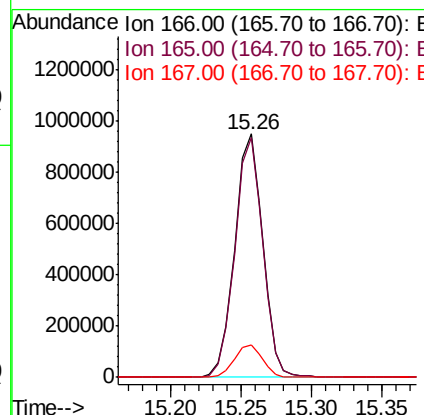
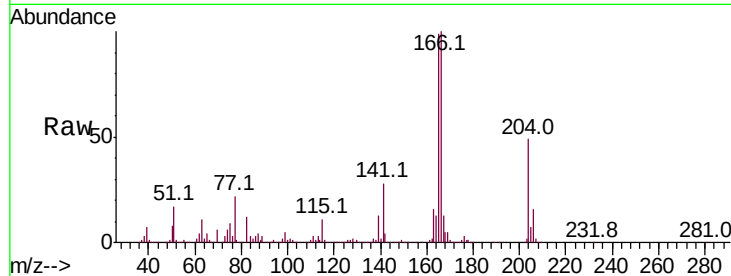
#61
 Fluorene
 Concen: 40.815 ng/ul
 RT: 15.26 min Scan# 2103
 Delta R.T. 0.01 min
 Lab File: BM029906.D
 Acq: 10 May 2021 15:20

Instrument :
 BNA_M
 ClientSampleId :
 A0AA0MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.4	117.6
167	13.3	10.9	16.3

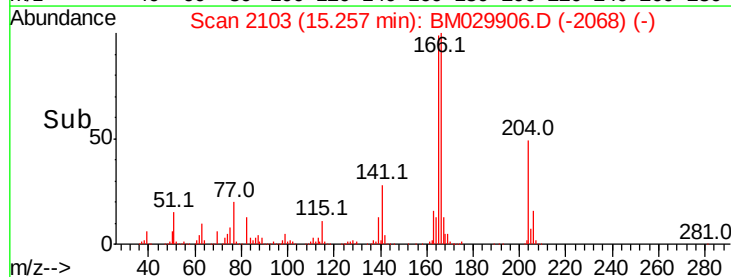
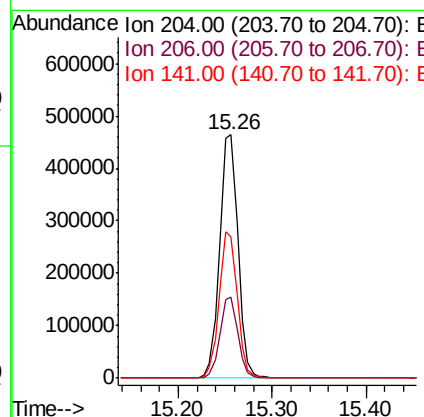
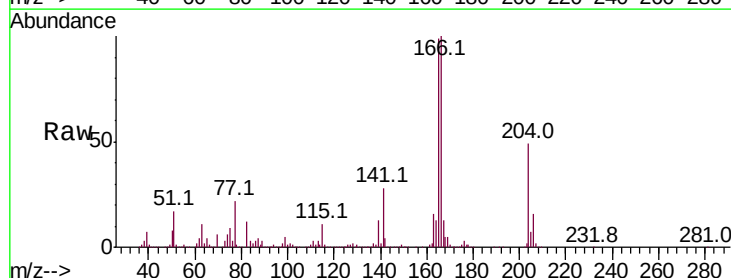
Manual Integrations
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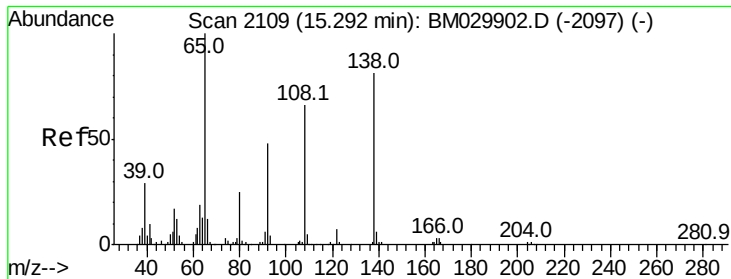
mohammad
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#62
 4-Chlorophenyl-phenylether
 Concen: 40.486 ng/ul
 RT: 15.26 min Scan# 2103
 Delta R.T. 0.01 min
 Lab File: BM029906.D
 Acq: 10 May 2021 15:20

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.2	39.2
141	57.9	47.2	70.8





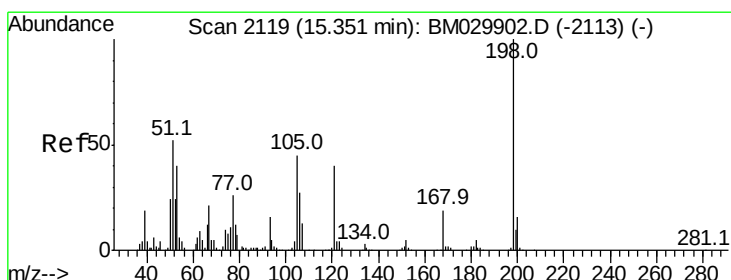
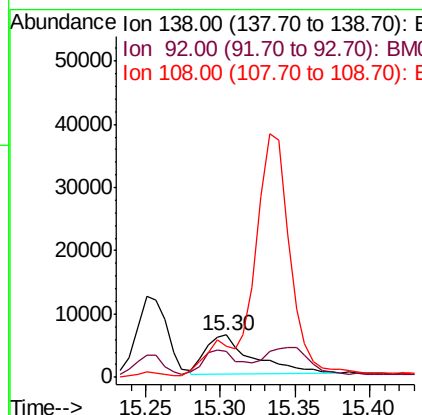
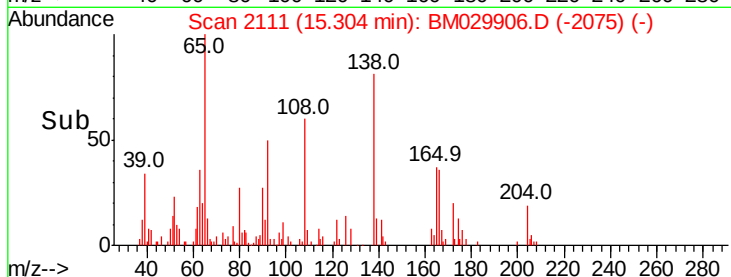
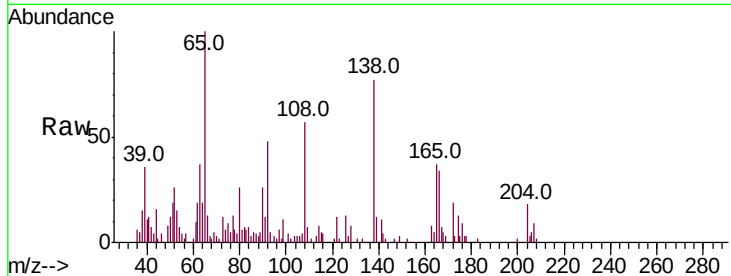
#63
4-Nitroaniline
Concen: 2.156 ng/ul
RT: 15.30 min Scan# 2111
Delta R.T. 0.01 min
Lab File: BM029906.D
Acq: 10 May 2021 15:20

Instrument :
BNA_M
ClientSampleId :
A0AA0MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	61.6	44.8	67.2
108	74.3	65.3	97.9

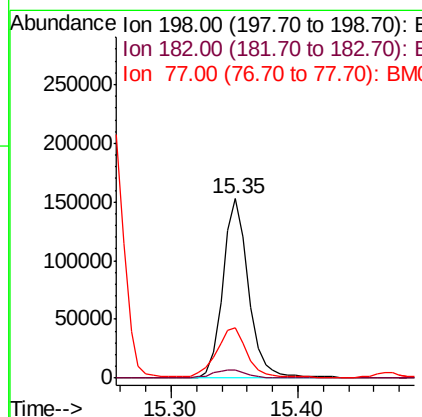
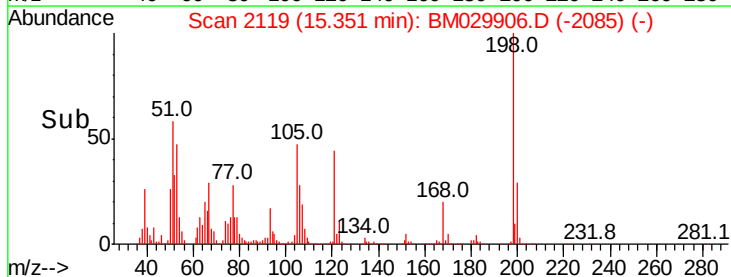
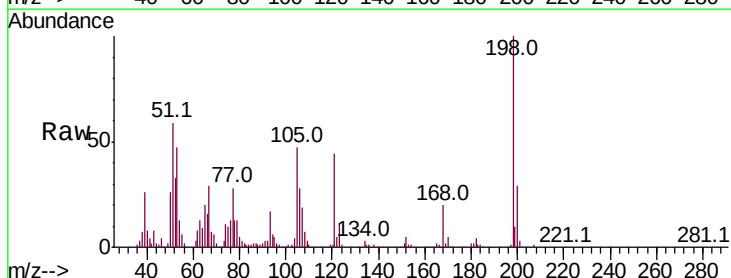
Manual Integrations
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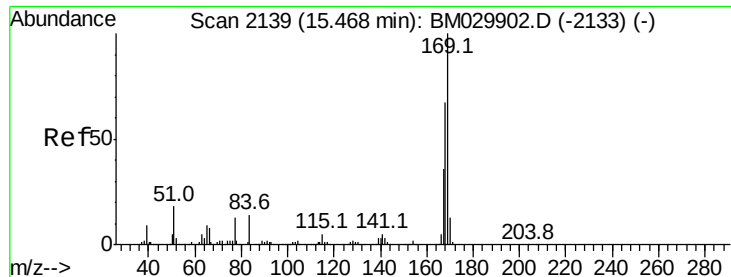
mohammad
5/11/2021 2:32:31 PM



#66
4,6-Dinitro-2-methylphenol
Concen: 40.234 ng/ul
RT: 15.35 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BM029906.D
Acq: 10 May 2021 15:20

Tgt Ion	Ratio	Lower	Upper
198	100		
182	4.2	4.3	6.5#
77	28.2	23.0	34.4





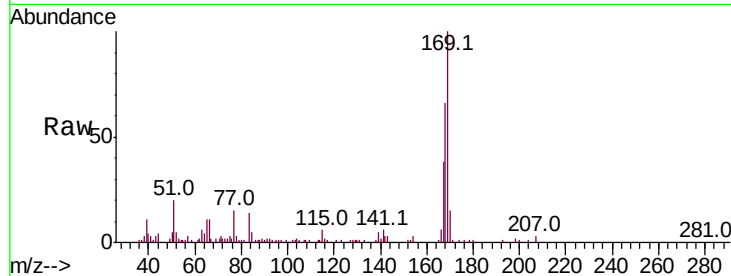
#67
N-Nitrosodiphenylamine
Concen: 1.967 ng/ul
RT: 15.47 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BM029906.D
Acq: 10 May 2021 15:20

Instrument :
BNA_M
ClientSampleId :
A0AA0MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	66.2	53.0	79.4	
167	38.0	27.8	41.6	

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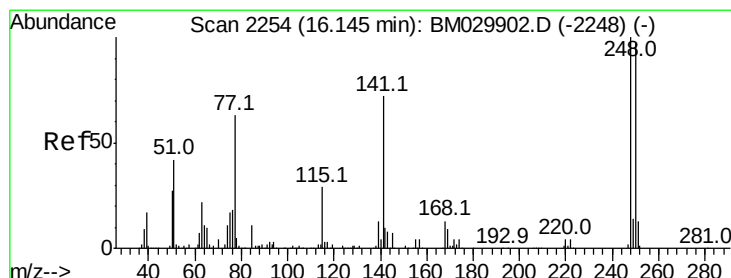
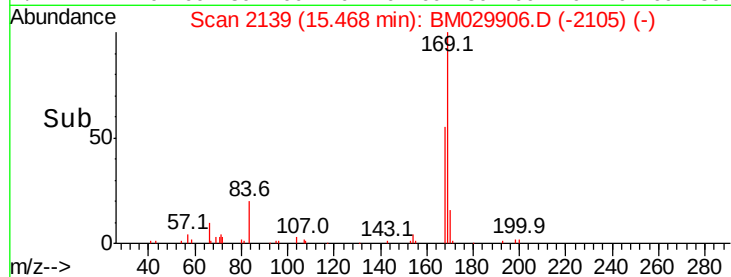
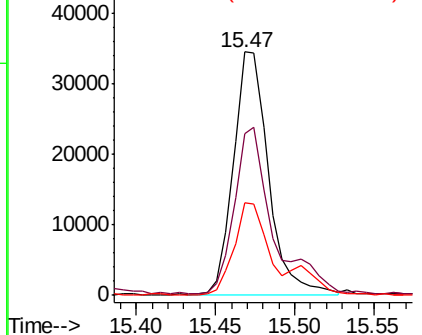


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#68
4-Bromophenyl-phenylether
Concen: 42.013 ng/ul
RT: 16.14 min Scan# 2254
Delta R.T. 0.00 min
Lab File: BM029906.D
Acq: 10 May 2021 15:20

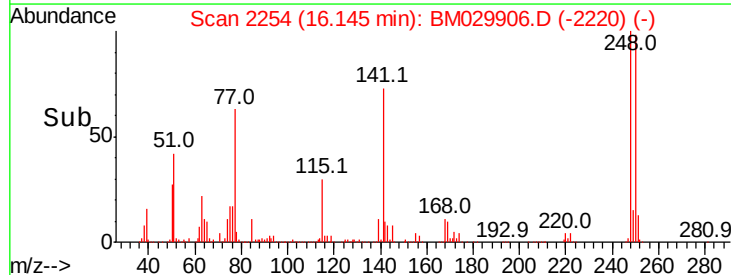
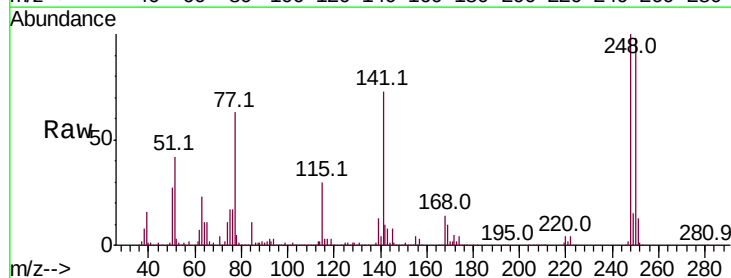
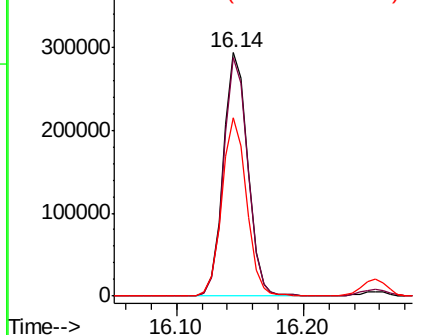
Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	98.1	77.5	116.3	
141	73.2	55.1	82.7	

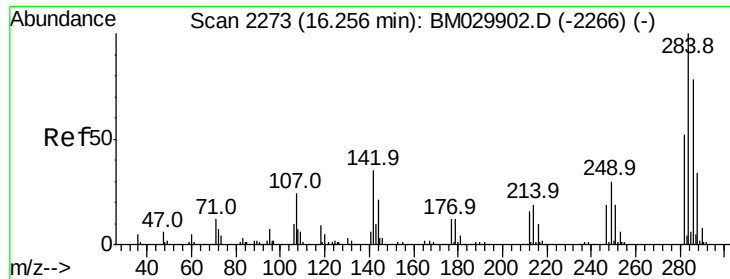
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





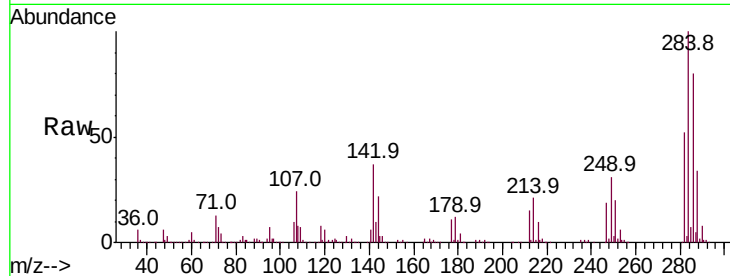
#69
Hexachlorobenzene
Concen: 40.727 ng/ul
RT: 16.26 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BM029906.D
Acq: 10 May 2021 15:20

Instrument :
BNA_M
ClientSampleId :
A0AA0MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	37.0	26.4	39.6	
249	31.3	24.5	36.7	

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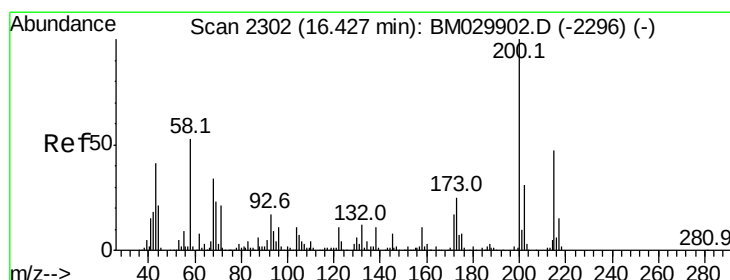
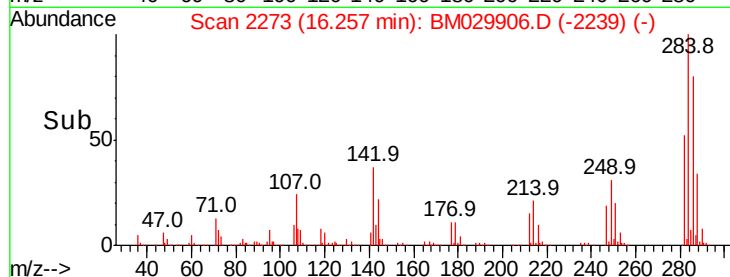
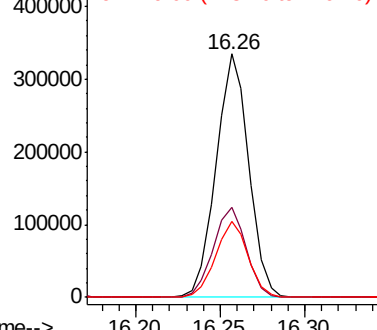


Abundance

Ion 284.00 (283.70 to 284.70): E

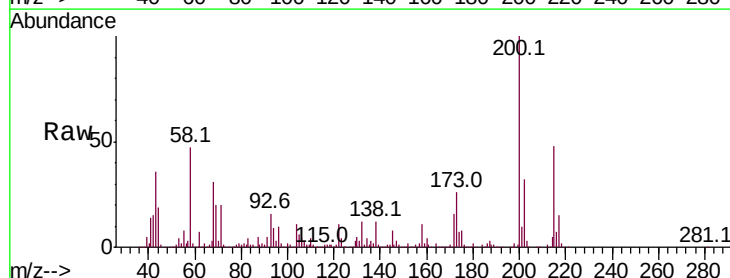
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#70
Atrazine
Concen: 39.485 ng/ul
RT: 16.43 min Scan# 2303
Delta R.T. 0.01 min
Lab File: BM029906.D
Acq: 10 May 2021 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.7	20.5	30.7	
215	48.3	38.2	57.2	

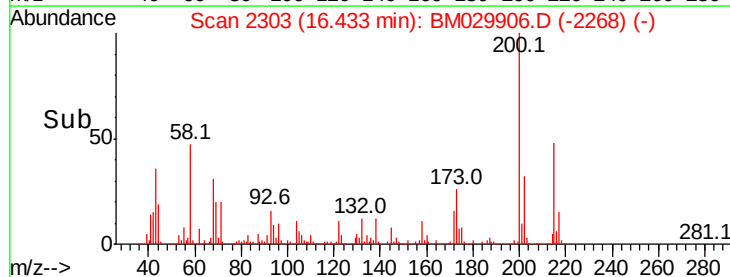
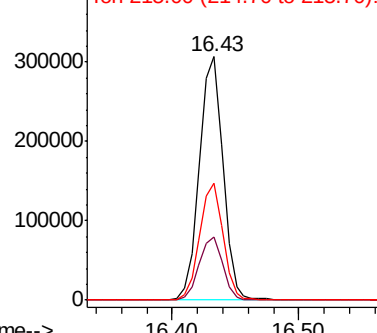


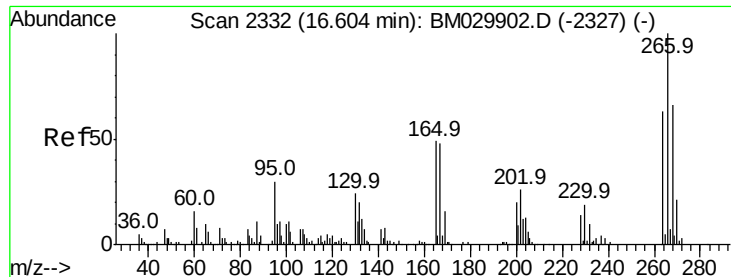
Abundance

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





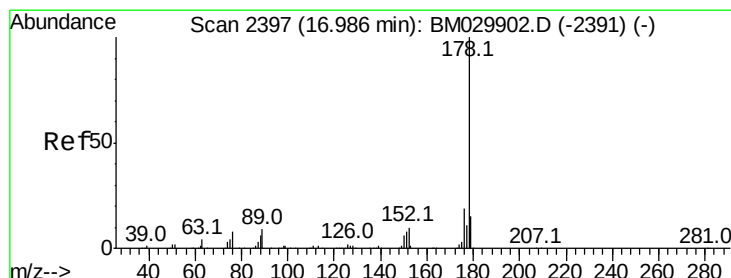
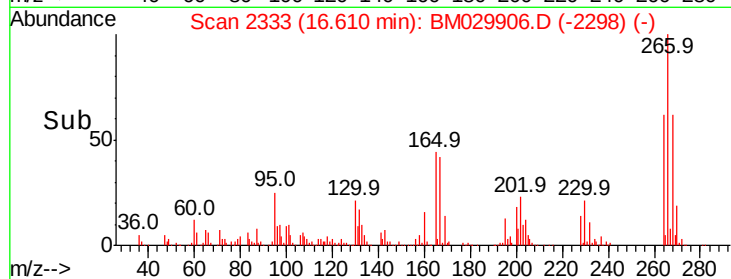
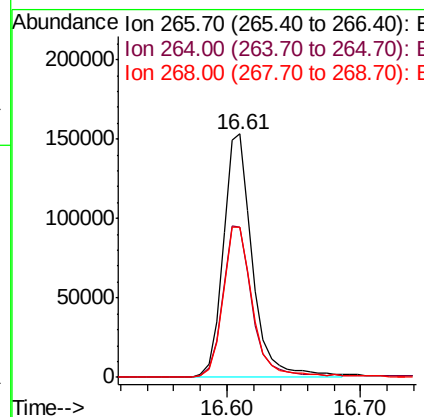
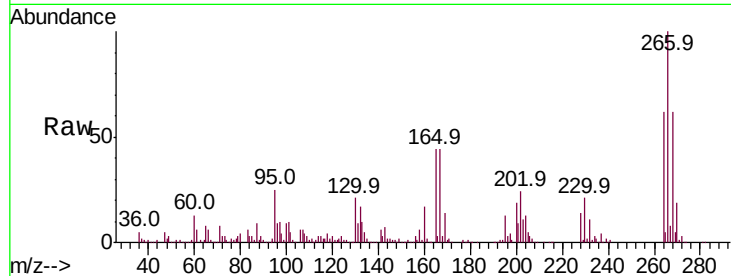
#71
 Pentachlorophenol
 Concen: 37.130 ng/ul
 RT: 16.61 min Scan# 2333
 Delta R.T. 0.01 min
 Lab File: BM029906.D
 Acq: 10 May 2021 15:20

Instrument :
 BNA_M
 ClientSampleId :
 A0AA0MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	235645		
264	61.8	49.8	74.8	
268	61.6	51.9	77.9	

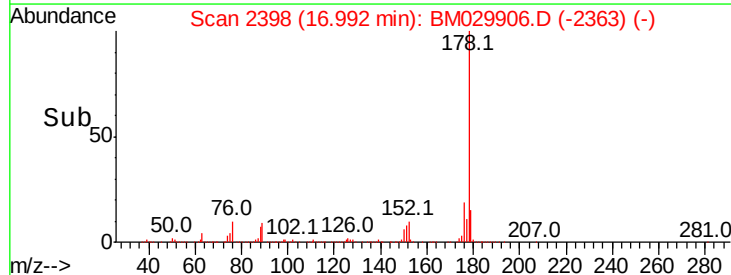
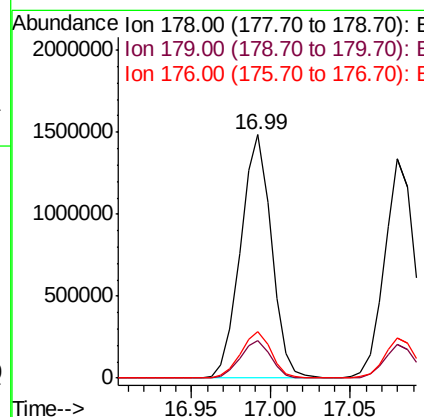
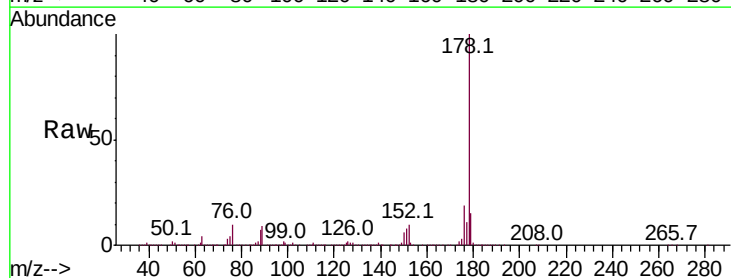
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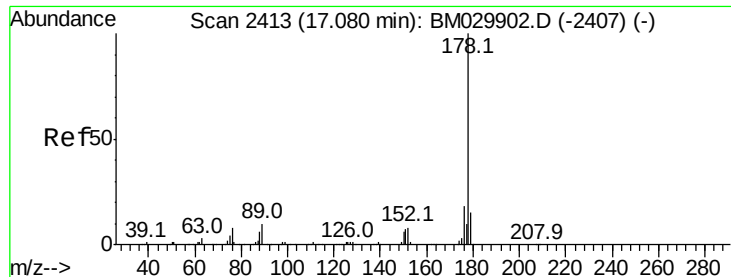
mohammad
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#72
 Phenanthrene
 Concen: 40.690 ng/ul
 RT: 16.99 min Scan# 2398
 Delta R.T. 0.01 min
 Lab File: BM029906.D
 Acq: 10 May 2021 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2010422		
179	15.3	12.2	18.4	
176	19.0	15.0	22.4	





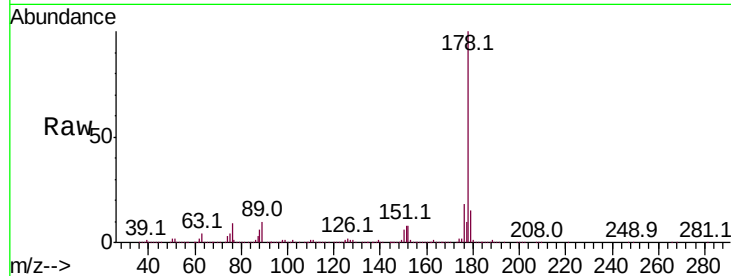
#74
 Anthracene
 Concen: 35.638 ng/uL
 RT: 17.08 min Scan# 2413
 Delta R.T. 0.00 min
 Lab File: BM029906.D
 Acq: 10 May 2021 15:20

Instrument :
 BNA_M
 ClientSampleId :
 A0AA0MS

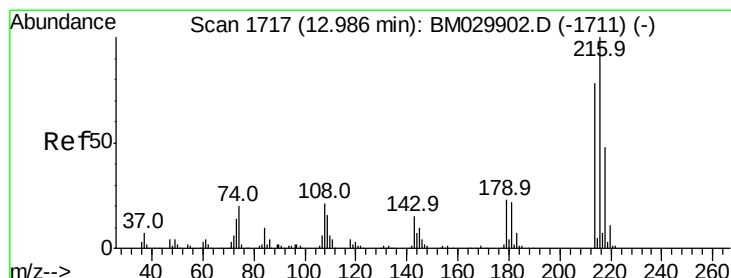
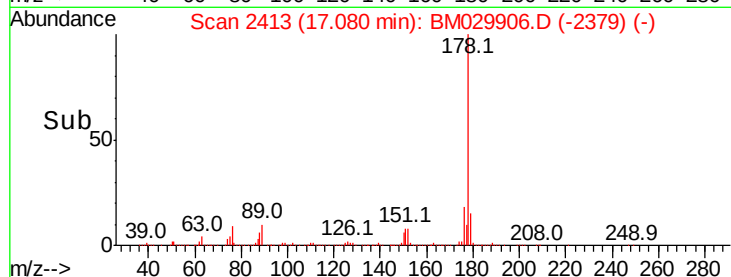
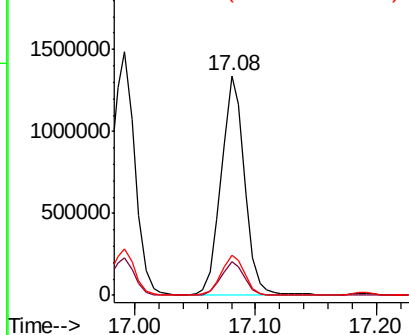
Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	18.4	14.9	22.3

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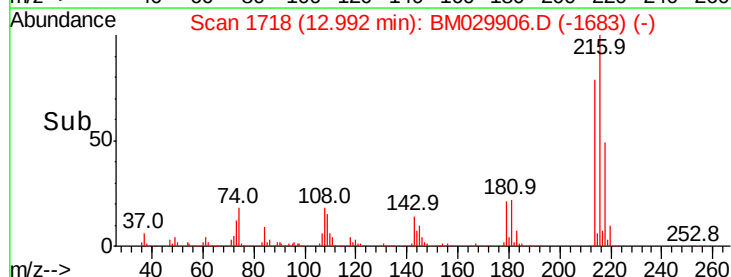
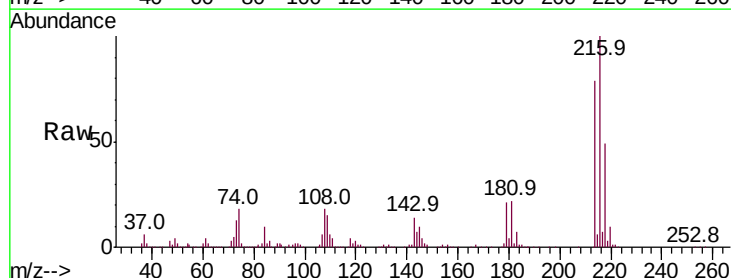
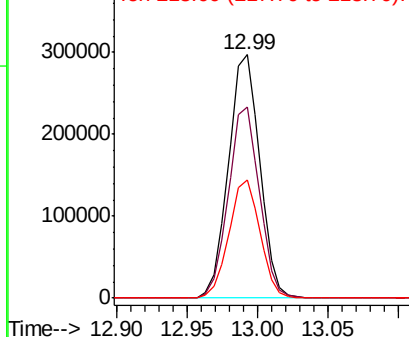
Abundance Ion 178.00 (177.70 to 178.70): E
 2000000 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

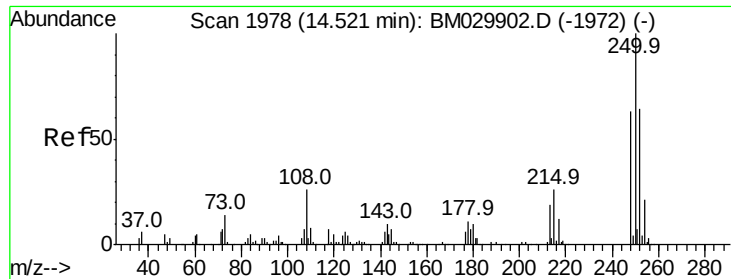


#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 34.772 ng/uL
 RT: 12.99 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BM029906.D
 Acq: 10 May 2021 15:20

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.9	95.9
218	48.6	39.7	59.5

Abundance Ion 216.00 (215.70 to 216.70): E
 400000 Ion 214.00 (213.70 to 214.70): E
 Ion 218.00 (217.70 to 218.70): E





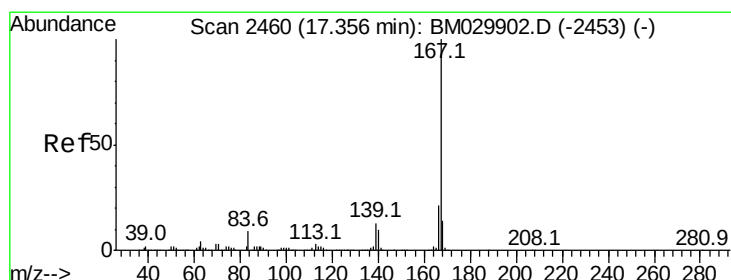
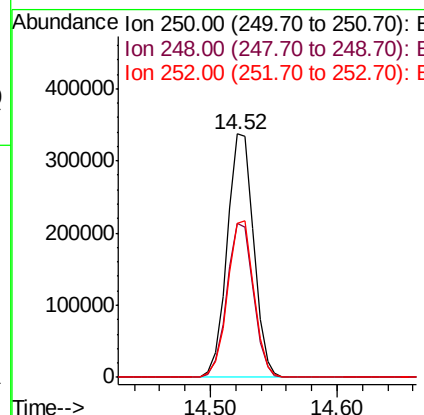
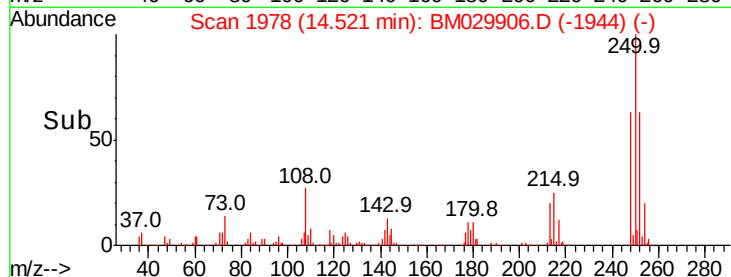
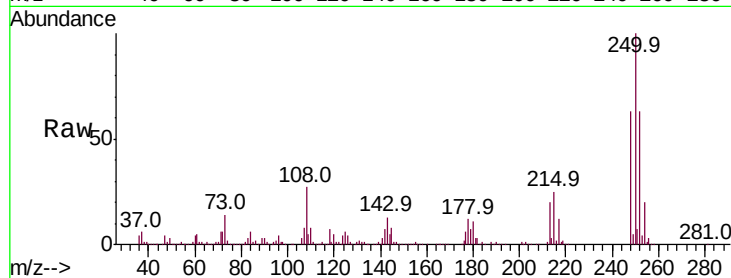
#76
 Pentachlorobenzene
 Concen: 38.565 ng/uL
 RT: 14.52 min Scan# 1978
 Delta R.T. 0.00 min
 Lab File: BM029906.D
 Acq: 10 May 2021 15:20

Instrument :
 BNA_M
 ClientSampleId :
 A0AA0MS

Tot Ion	Ratio	Lower	Upper
250	100		
248	63.2	51.3	76.9
252	63.2	51.5	77.3

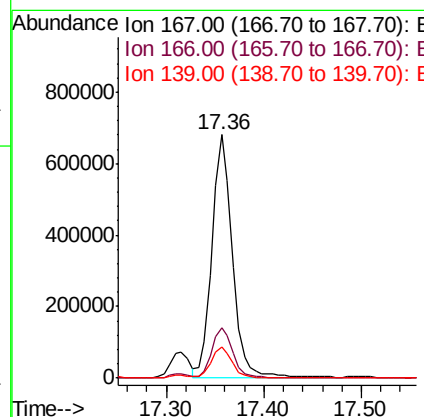
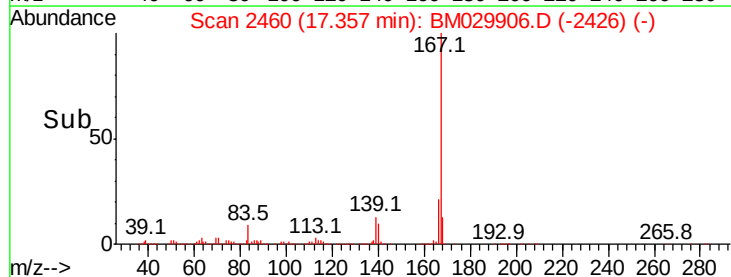
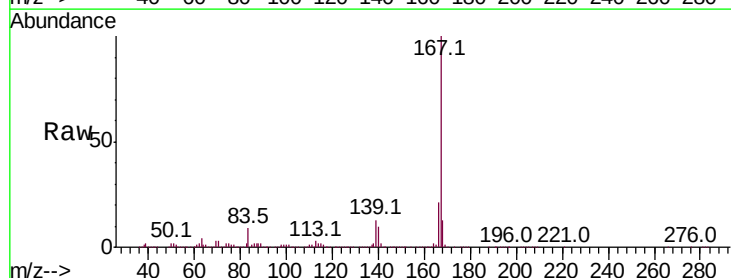
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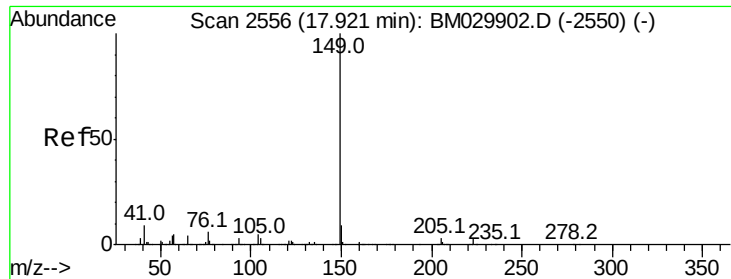
mohammad
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#77
 Carbazole
 Concen: 21.445 ng/uL
 RT: 17.36 min Scan# 2460
 Delta R.T. 0.00 min
 Lab File: BM029906.D
 Acq: 10 May 2021 15:20

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.6	26.4
139	13.0	10.2	15.2





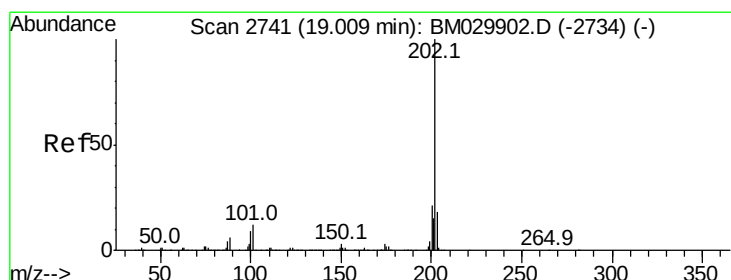
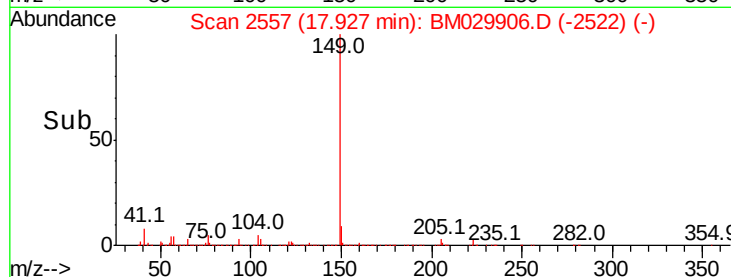
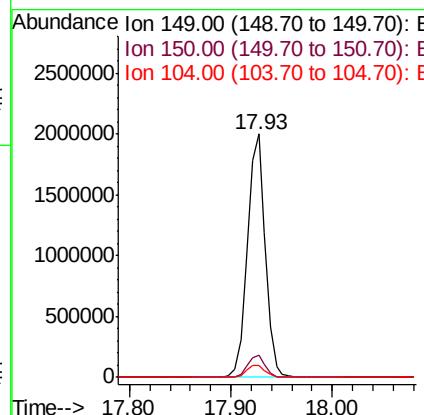
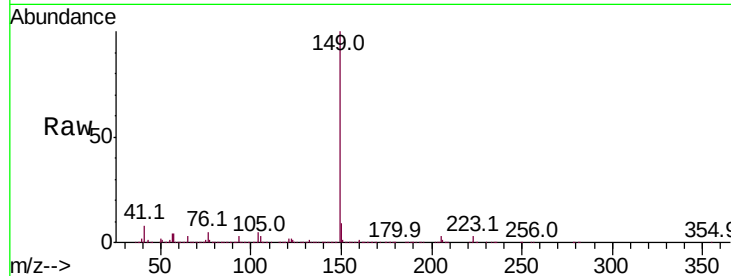
#78
Di-n-butylphthalate
Concen: 44.064 ng/ul
RT: 17.93 min Scan# 2557
Delta R.T. 0.01 min
Lab File: BM029906.D
Acq: 10 May 2021 15:20

Instrument :
BNA_M
ClientSampleId :
A0AA0MS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	5.1	4.2	6.2

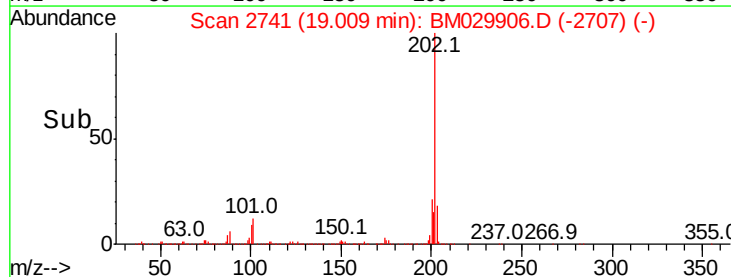
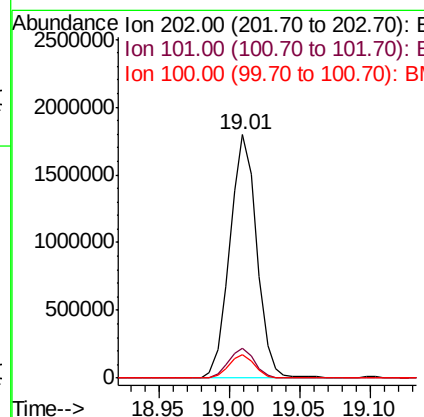
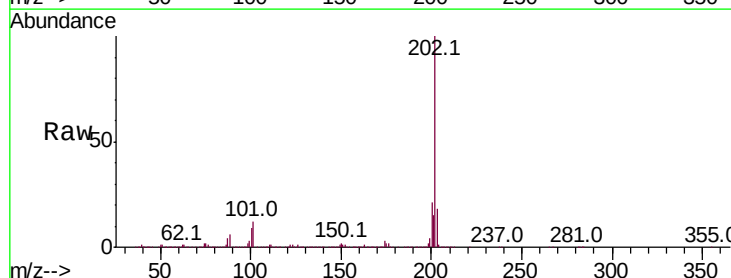
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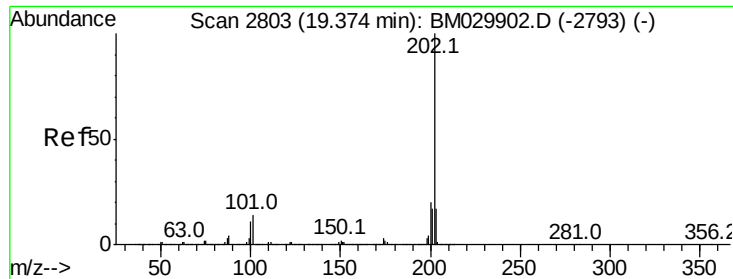
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#80
Fluoranthene
Concen: 46.629 ng/ul
RT: 19.01 min Scan# 2741
Delta R.T. 0.00 min
Lab File: BM029906.D
Acq: 10 May 2021 15:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.0	13.4
100	9.5	7.0	10.6





#82

Pvrene

Concen: 44.679 ng/ul

RT: 19.37 min Scan# 2803

Delta R.T. 0.00 min

Lab File: BM029906.D

Acq: 10 May 2021 15:20

Instrument :

BNA_M

ClientSampleId :

A0AA0MS

Tot Ion:202 Resp: 2401928

Ion Ratio Lower Upper

202 100

101 14.0 11.8 17.6

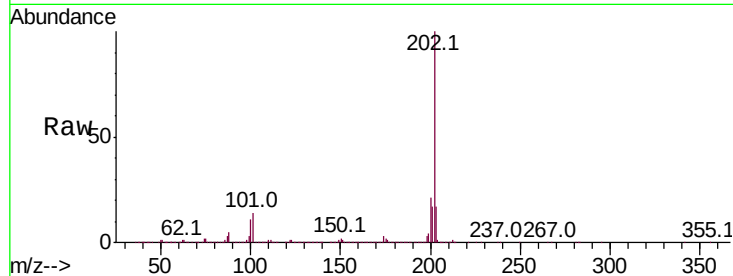
100 11.5 9.2 13.8

Manual Integrations

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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): E

2500000

2000000

1500000

1000000

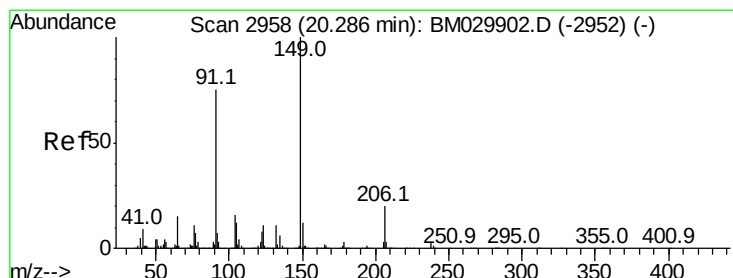
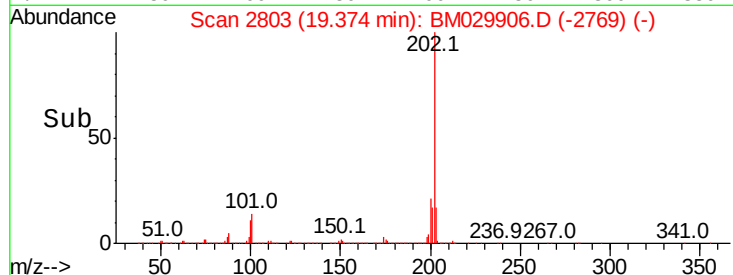
500000

0

19.37

19.30 19.40 19.50

Time-->



#83

Butylbenzylphthalate

Concen: 53.368 ng/ul

RT: 20.29 min Scan# 2958

Delta R.T. 0.00 min

Lab File: BM029906.D

Acq: 10 May 2021 15:20

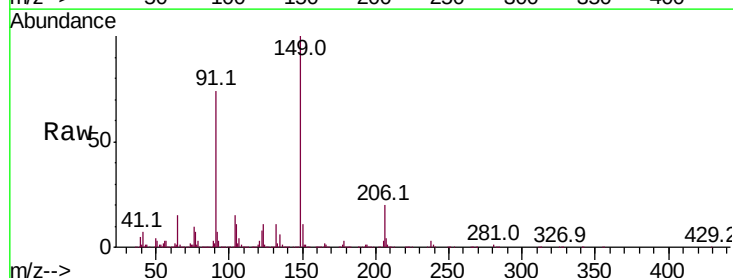
Tgt Ion:149 Resp: 1019584

Ion Ratio Lower Upper

149 100

91 73.6 60.6 91.0

206 20.4 15.4 23.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E

1200000

1000000

800000

600000

400000

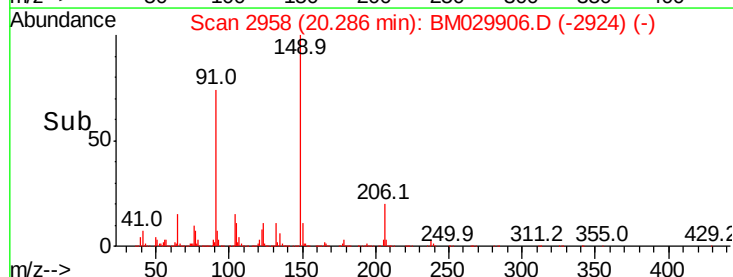
200000

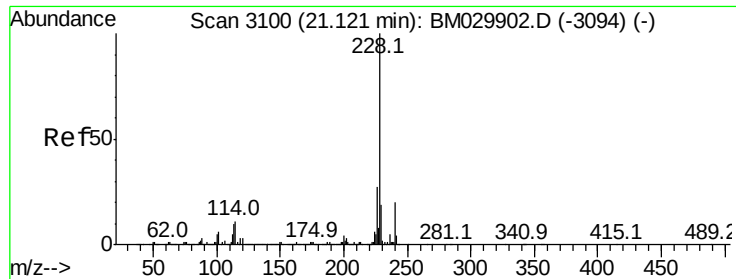
0

20.29

20.25 20.30 20.35

Time-->





#85

Benzo(a)anthracene

Concen: 41.620 ng/ul

RT: 21.12 min Scan# 3100

Delta R.T. 0.00 min

Lab File: BM029906.D

Acq: 10 May 2021 15:20

Instrument :

BNA_M

ClientSampleId :

A0AA0MS

Tot Ion:228 Resp: 2221832

Ion Ratio Lower Upper

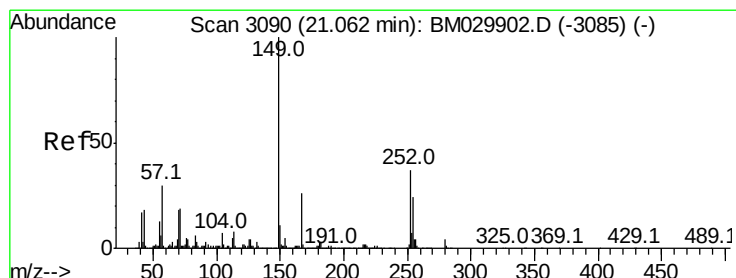
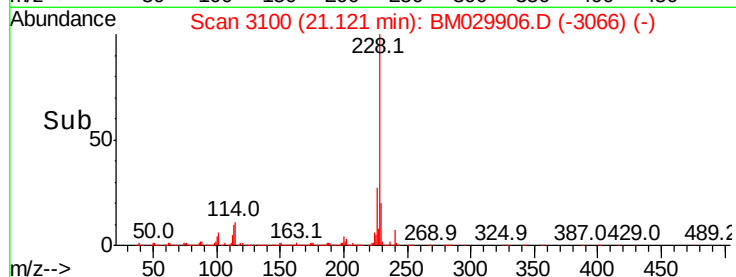
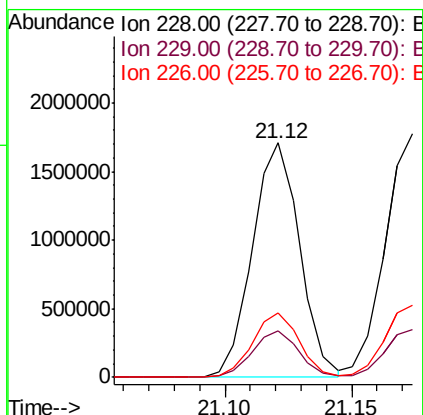
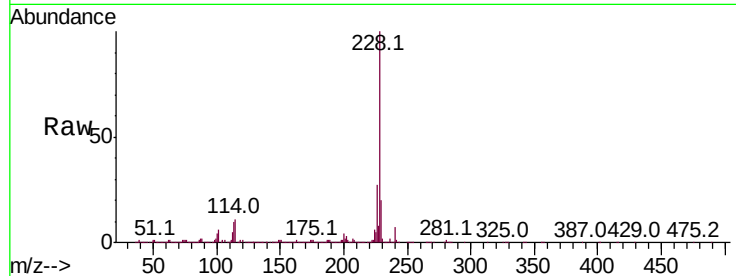
228 100

229 19.7 15.9 23.9

226 27.4 21.4 32.0

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#86

Bis(2-ethylhexyl)phthalate

Concen: 47.957 ng/ul

RT: 21.06 min Scan# 3090

Delta R.T. 0.00 min

Lab File: BM029906.D

Acq: 10 May 2021 15:20

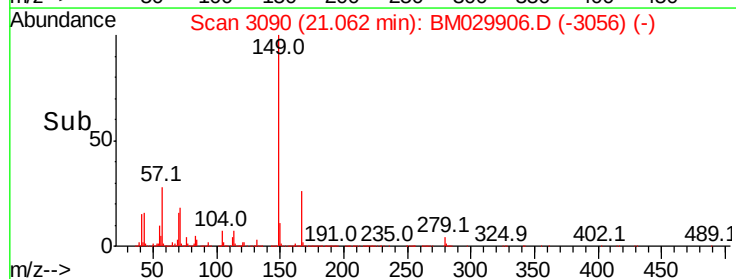
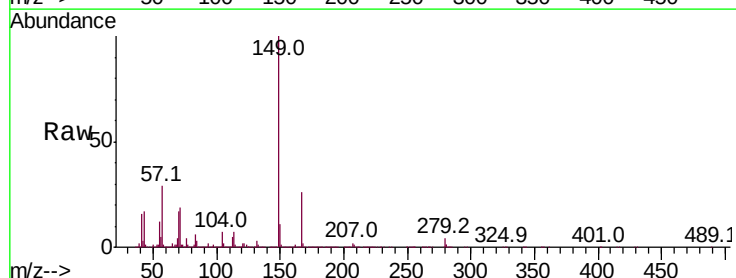
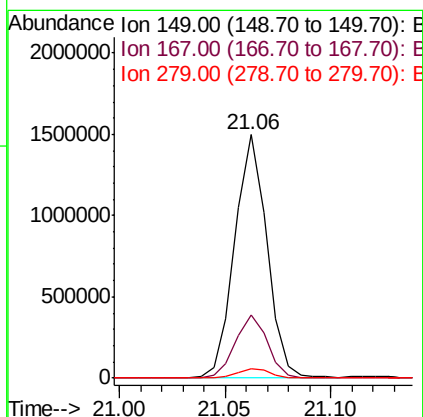
Tgt Ion:149 Resp: 1579771

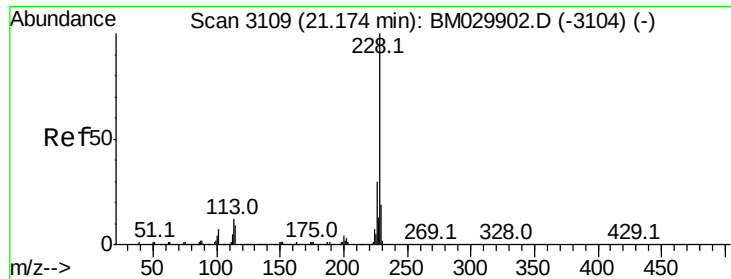
Ion Ratio Lower Upper

149 100

167 26.0 21.1 31.7

279 4.1 3.5 5.3





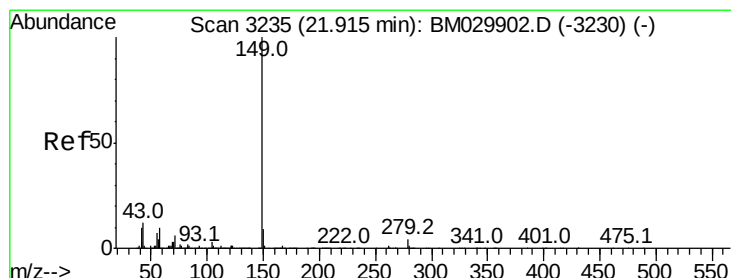
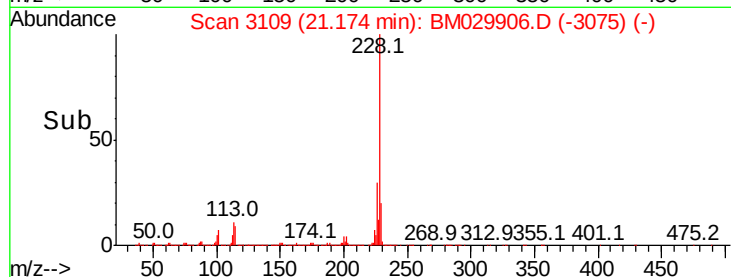
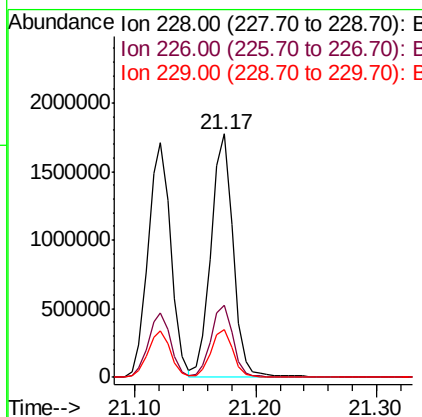
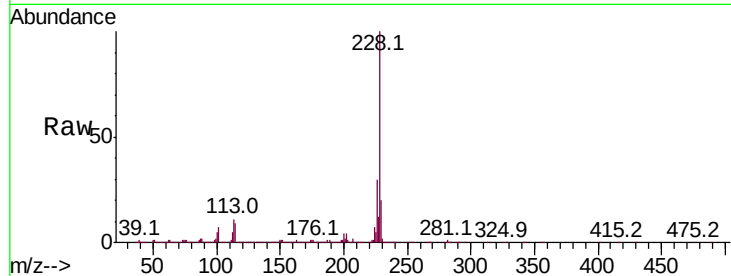
#87
 Chrysene
 Concen: 41.724 ng/ul
 RT: 21.17 min Scan# 3109
 Delta R.T. 0.00 min
 Lab File: BM029906.D
 Acq: 10 May 2021 15:20

Instrument :
 BNA_M
 ClientSampleId :
 A0AA0MS

Tot Ion:228 Resp: 2218476
 Ion Ratio Lower Upper
 228 100
 226 29.9 23.9 35.9
 229 19.8 15.6 23.4

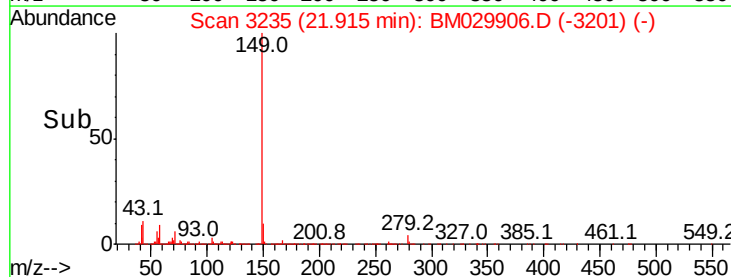
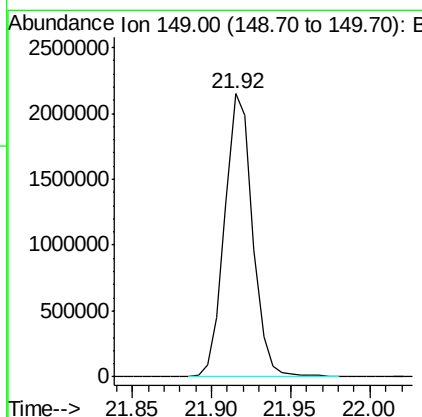
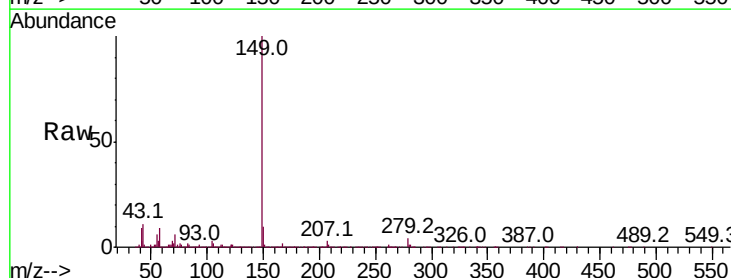
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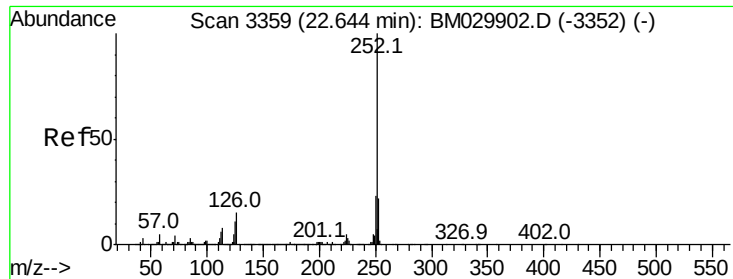
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#89
 Di-n-octyl phthalate
 Concen: 51.784 ng/ul
 RT: 21.92 min Scan# 3235
 Delta R.T. 0.00 min
 Lab File: BM029906.D
 Acq: 10 May 2021 15:20

Tgt Ion:149 Resp: 2614984





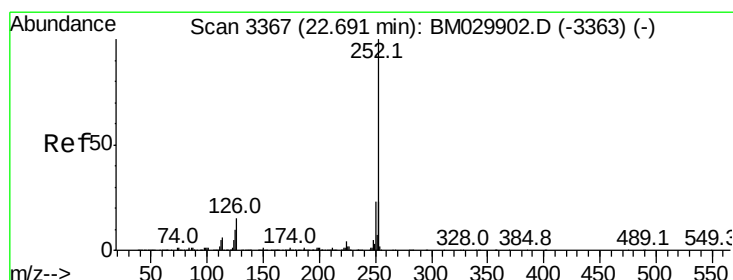
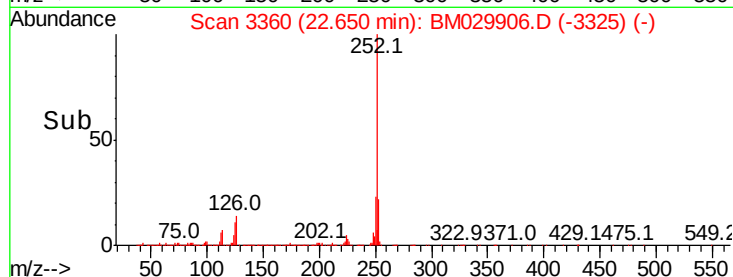
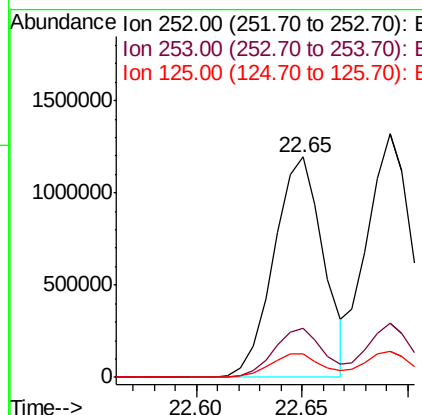
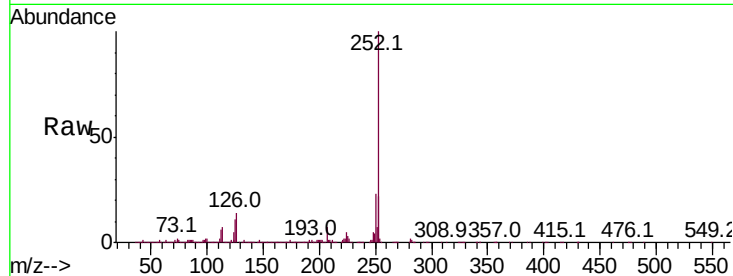
#90
Benzo(b)fluoranthene
Concen: 45.474 ng/uL
RT: 22.65 min Scan# 3360
Delta R.T. 0.01 min
Lab File: BM029906.D
Acq: 10 May 2021 15:20

Instrument :
BNA_M
ClientSampleId :
A0AA0MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.2
125	10.8	8.6	12.8

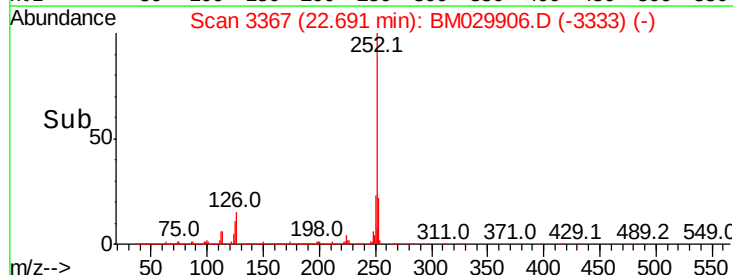
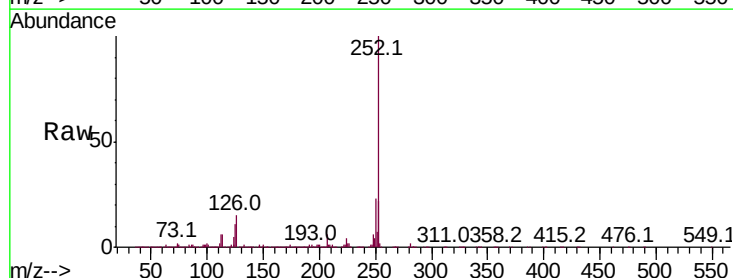
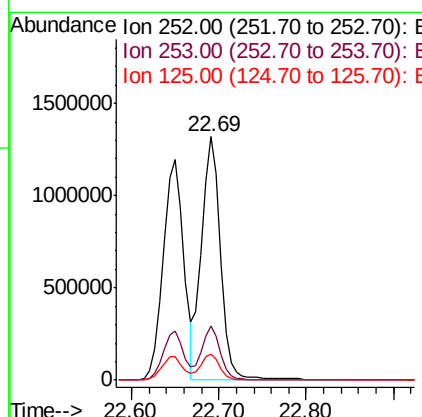
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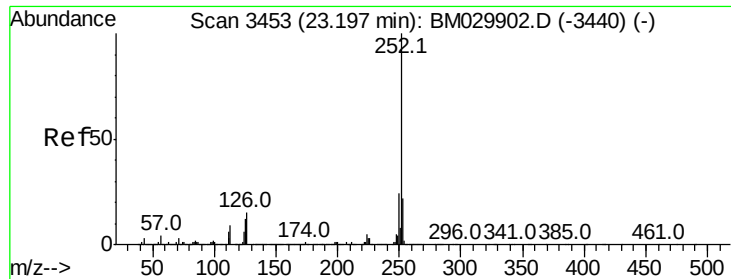
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#91
Benzo(k)fluoranthene
Concen: 44.551 ng/uL
RT: 22.69 min Scan# 3367
Delta R.T. 0.00 min
Lab File: BM029906.D
Acq: 10 May 2021 15:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	10.5	8.4	12.6





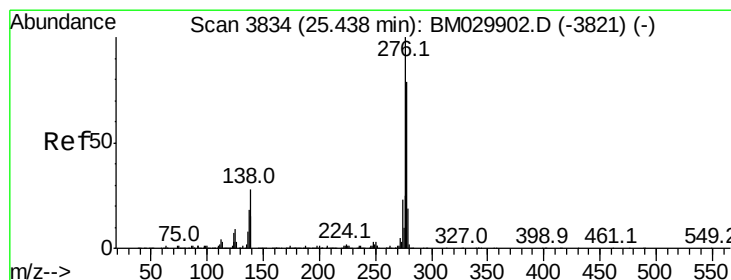
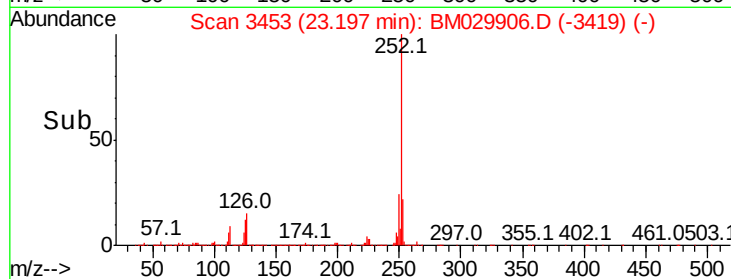
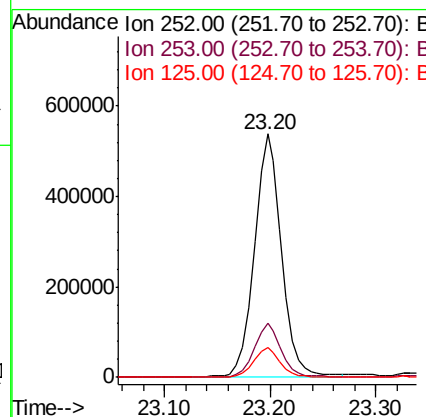
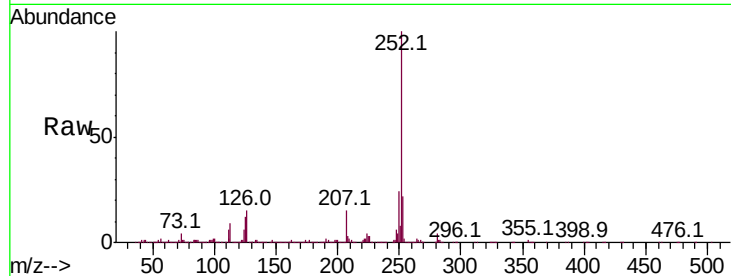
#93
Benzo(a)pyrene
Concen: 24.517 ng/ul
RT: 23.20 min Scan# 3453
Delta R.T. 0.00 min
Lab File: BM029906.D
Acq: 10 May 2021 15:20

Instrument :
BNA_M
ClientSampleId :
A0AA0MS

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

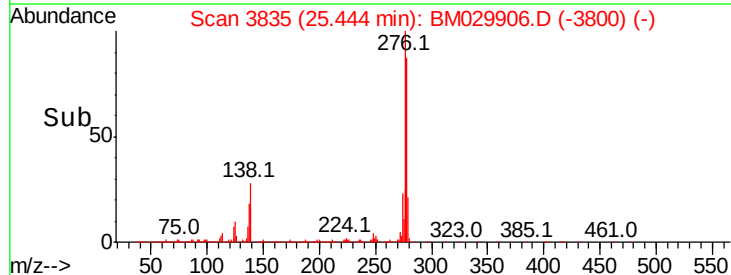
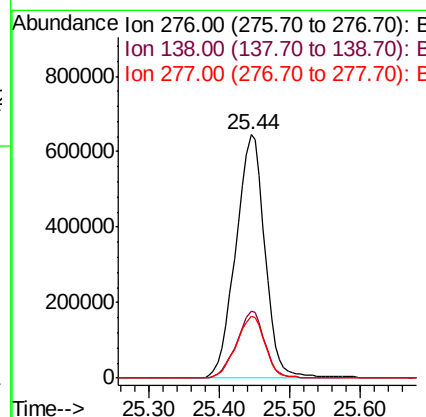
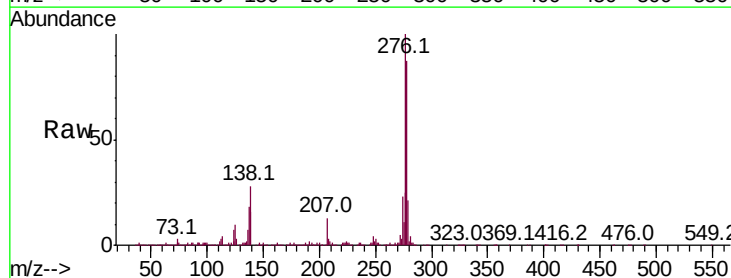
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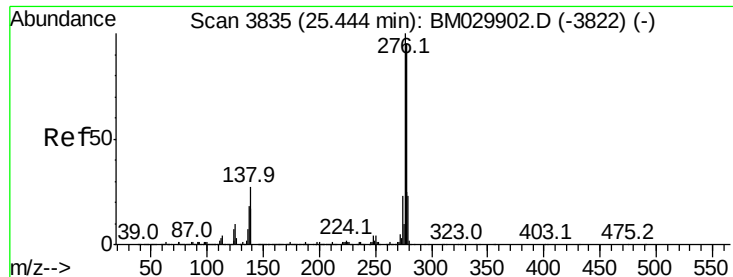
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#94
Indeno(1,2,3-cd)pyrene
Concen: 39.356 ng/ul
RT: 25.44 min Scan# 3835
Delta R.T. 0.01 min
Lab File: BM029906.D
Acq: 10 May 2021 15:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.5	21.1	31.7
277	25.2	20.3	30.5





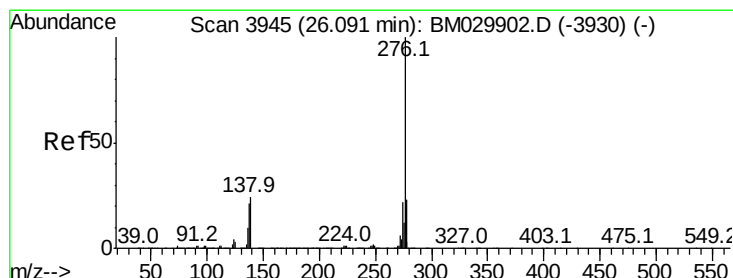
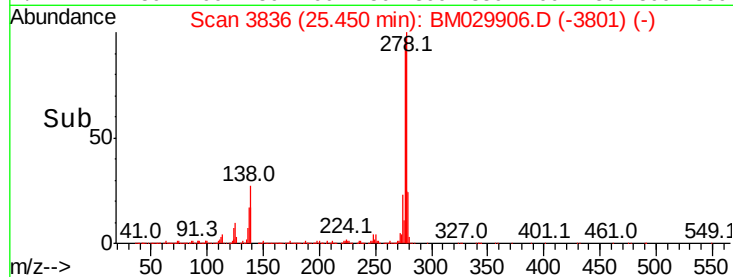
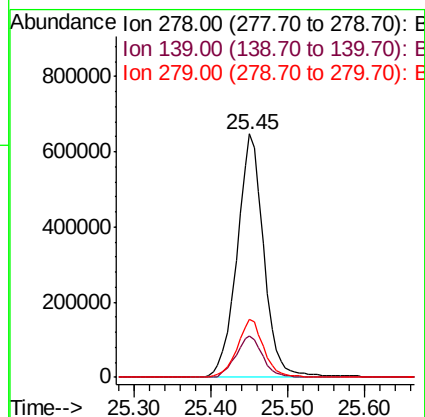
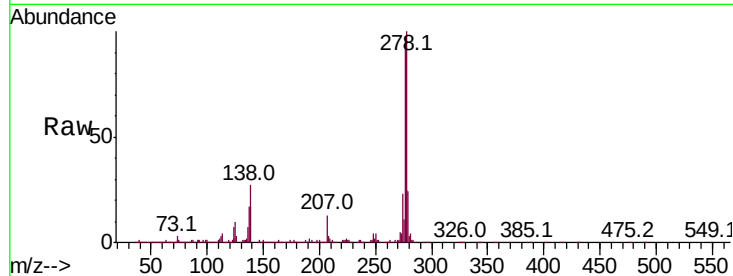
#95
Dibenzo(a,h)anthracene
Concen: 39.472 ng/ul
RT: 25.45 min Scan# 3836
Delta R.T. 0.01 min
Lab File: BM029906.D
Acq: 10 May 2021 15:20

Instrument :
BNA_M
ClientSampleId :
A0AA0MS

Tot Ion:	278	Resp:	1574313
Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.5	20.3
279	23.7	18.6	28.0

Manual Integrations
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#96
Benzo(g,h,i)perylene
Concen: 38.712 ng/ul
RT: 26.10 min Scan# 3946
Delta R.T. 0.01 min
Lab File: BM029906.D
Acq: 10 May 2021 15:20

Tgt Ion:	276	Resp:	1475809
Ion	Ratio	Lower	Upper
276	100		
138	22.7	17.8	26.8
277	23.4	18.5	27.7

