

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
 Data File : BM029831.D
 Acq On : 05 May 2021 17:44
 Operator : CG/JU
 Sample : M2129-02MS
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E0AB9MS

Manual Integrations
 APPROVED

mohammad
 5/6/2021 4:48:59 PM

Quant Time: May 05 18:16:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 04 14:23:48 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	76672	20.00	ng/ul	0.00
20) Naphthalene-d8	10.34	136	318095	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.21	164	192153	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.96	188	380763	20.00	ng/ul	0.00
79) Chrysene-d12	21.14	240	423094	20.00	ng/ul	0.00
88) Perylene-d12	23.30	264	472266	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	4859	2.34	ng/uL	0.00
4) Pyridine-d5	3.50	84	34339	7.23	ng/ul	0.00
7) Phenol-d5	6.75	99	125468	18.85	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.92	67	87033	21.16	ng/ul	0.00
11) 2-Chlorophenol-d4	7.10	132	109915	20.72	ng/ul	0.00
15) 4-Methylphenol-d8	8.28	113	74078	13.94	ng/ul	0.00
21) Nitrobenzene-d5	8.72	128	47244	19.99	ng/ul	0.00
24) 2-Nitrophenol-d4	9.44	143	47729	18.49	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.97	165	97111	20.12	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	106059	15.08	ng/ul	0.00
46) Dimethylphthalate-d6	13.63	166	347290	24.20	ng/ul	0.00
49) Acenaphthylene-d8	13.90	160	416931	22.21	ng/ul	0.00
54) 4-Nitrophenol-d4	14.44	143	43116	19.53	ng/ul	0.00
60) Fluorene-d10	15.21	176	300041	24.57	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	57657	22.56	ng/ul	0.00
73) Anthracene-d10	17.06	188	535439	28.43	ng/ul	0.00
81) Pyrene-d10	19.36	212	628135	28.94	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.17	264	729662	27.51	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.11	88	11057	4.832	ng/uL# 81
5) Pyridine	3.52	79	65230	13.039	ng/ul# 80
6) Benzaldehyde	6.72	77	85086	23.716	ng/ul 96
8) Phenol	6.77	94	179643	26.518	ng/ul 99
10) Bis(2-Chloroethyl)ether	7.00	93	128544	24.262	ng/ul 97
12) 2-Chlorophenol	7.13	128	133800	24.989	ng/ul 95
13) 2-Methylphenol	8.02	108	119876	23.580	ng/ul 93
14) 2,2'-oxybis(1-Chloropropan	8.10	45	218619	26.464	ng/ul 97
16) Acetophenone	8.39	105	196154	24.296	ng/ul 99
17) N-Nitroso-di-n-propylamine	8.37	70	98441	23.128	ng/ul 95
18) 4-Methylphenol	8.35	108	131552	24.316	ng/ul 96
19) Hexachloroethane	8.63	117	60415	25.437	ng/ul 98
22) Nitrobenzene	8.76	77	153026	25.752	ng/ul 96
23) Isophorone	9.29	82	288670	25.863	ng/ul 99
25) 2-Nitrophenol	9.47	139	62487	22.279	ng/ul 92
26) 2,4-Dimethylphenol	9.53	107	139922	24.228	ng/ul 98
27) Bis(2-Chloroethoxy)methane	9.77	93	163076	24.897	ng/ul 99
29) 2,4-Dichlorophenol	10.00	162	114385	24.626	ng/ul 97
30) Naphthalene	10.39	128	420122	24.010	ng/ul 99
32) 4-Chloroaniline	10.52	127	138367	19.376	ng/ul 99
33) Hexachlorobutadiene	10.67	225	73309	22.904	ng/ul 98
34) Caprolactam	11.30	113	41990	28.011	ng/ul 98

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35) 4-Chloro-3-methylphenol	11.65	107	133468	27.624	ng/ul	99
36) 2-Methylnaphthalene	12.01	142	287041	24.060	ng/ul	100
37) 1-Methylnaphthalene	12.23	142	283633	23.840	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.39	216	138014	22.670	ng/ul	98
40) Hexachlorocyclopentadiene	12.36	237	40298	13.333	ng/ul	93
41) 2,4,6-Trichlorophenol	12.64	196	92953	25.822	ng/ul	98
42) 2,4,5-Trichlorophenol	12.72	196	104416	26.957	ng/ul	95
43) 1,1'-Biphenyl	13.04	154	363095	23.858	ng/ul	98
44) 2-Chloronaphthalene	13.08	162	287441	24.592	ng/ul	98
45) 2-Nitroaniline	13.30	65	76111	24.730	ng/ul	92
47) Dimethylphthalate	13.68	163	437805	30.573	ng/ul	99
48) 2,6-Dinitrotoluene	13.80	165	70191	25.222	ng/ul	90
50) Acenaphthylene	13.93	152	452523	24.734	ng/ul	100
51) 3-Nitroaniline	14.13	138	71179	24.156	ng/ul	96
52) Acenaphthene	14.27	153	329641	25.512	ng/ul	99
53) 2,4-Dinitrophenol	14.35	184	29333	18.363	ng/ul	95
55) 4-Nitrophenol	14.46	109	49046	31.275	ng/ul	92
56) Dibenzofuran	14.62	168	464311	26.817	ng/ul	98
57) 2,4-Dinitrotoluene	14.60	165	124126	31.596	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.84	232	103011	29.969	ng/ul	94
59) Diethylphthalate	15.05	149	452812	31.006	ng/ul	99
61) Fluorene	15.26	166	402448	27.620	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.26	204	185676	26.423	ng/ul	96
63) 4-Nitroaniline	15.30	138	76132m	25.681	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.36	198	67685	27.260	ng/ul	92
67) N-Nitrosodiphenylamine	15.48	169	368954	29.614	ng/ul	97
68) 4-Bromophenyl-phenylether	16.16	248	121419	28.528	ng/ul	98
69) Hexachlorobenzene	16.27	284	150666	30.176	ng/ul	96
70) Atrazine	16.44	200	127541	28.646	ng/ul	98
71) Pentachlorophenol	16.62	266	75863	27.613	ng/ul	93
72) Phenanthrene	17.00	178	727174	32.189	ng/ul	100
74) Anthracene	17.09	178	736401	32.012	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.00	216	140933	21.532	ng/uL	99
76) Pentachlorobenzene	14.53	250	143402	23.992	ng/uL	99
77) Carbazole	17.37	167	663693	31.582	ng/ul	99
78) Di-n-butylphthalate	17.93	149	829491	34.137	ng/ul	99
80) Fluoranthene	19.02	202	908803	34.491	ng/ul	99
82) Pyrene	19.39	202	959659	34.212	ng/ul	100
83) Butylbenzylphthalate	20.29	149	368521	33.151	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.07	252	173923	17.606	ng/ul	99
85) Benzo(a)anthracene	21.13	228	954742	34.749	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.07	149	587250	33.609	ng/ul	99
87) Chrysene	21.18	228	940324	33.822	ng/ul	100
89) Di-n-octyl phthalate	21.93	149	1046222	31.008	ng/ul	100
90) Benzo(b)fluoranthene	22.66	252	1026896	33.246	ng/ul	99
91) Benzo(k)fluoranthene	22.70	252	1076209	35.503	ng/ul	97
93) Benzo(a)pyrene	23.21	252	937425	33.886	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.47	276	1276480	34.758	ng/ul	96
95) Dibenzo(a,h)anthracene	25.48	278	1076430	35.066	ng/ul	98
96) Benzo(g,h,i)perylene	26.12	276	796650	26.000	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

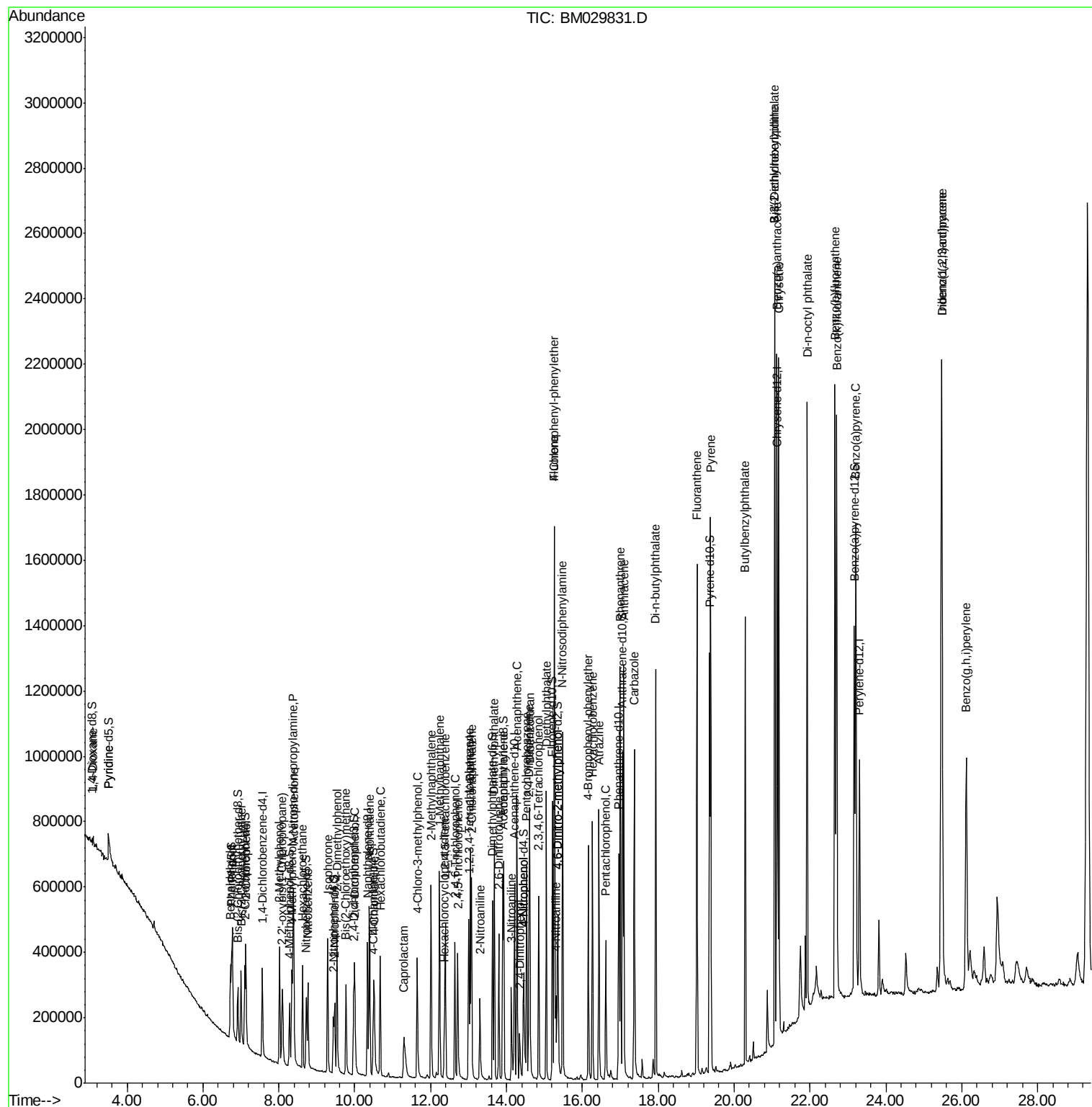
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
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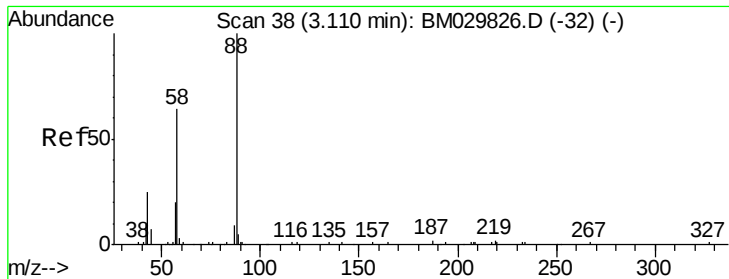
Instrument :
BNA_M
ClientSampleId :
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#2

1,4-Dioxane

Concen: 4.832 ng/uL

RT: 3.11 min Scan# 38

Delta R.T. 0.00 min

Lab File: BM029831.D

Acq: 05 May 2021 17:44

Instrument :

BNA_M

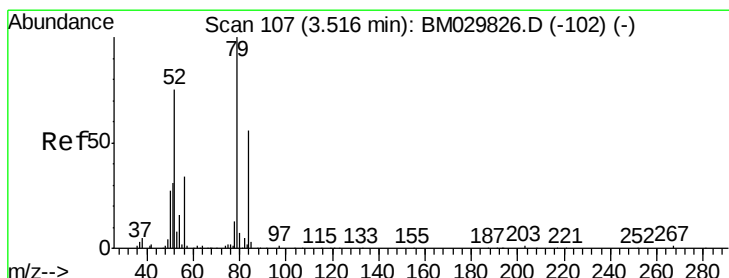
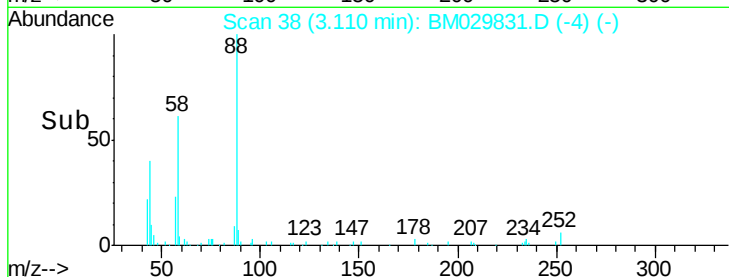
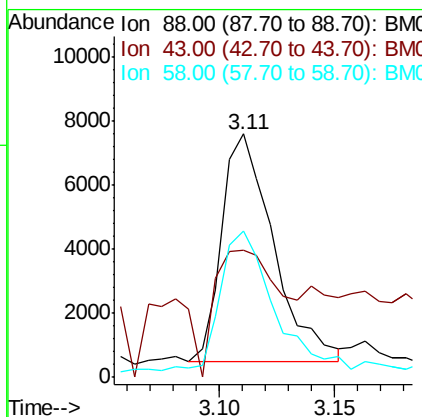
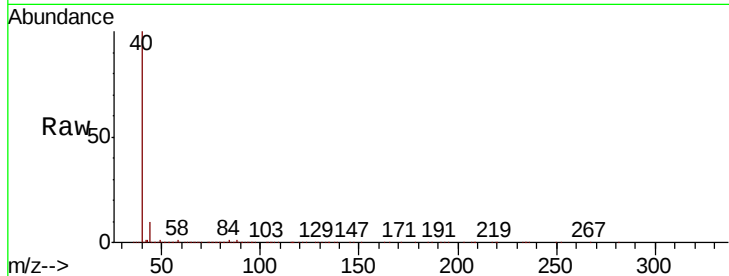
ClientSampleId :

E0AB9MS

Tot Ion:	88	Resp:	11057
Ion	Ratio	Lower	Upper
88	100		
43	52.4	24.5	36.7#
58	60.2	54.8	82.2

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#5

Pyridine

Concen: 13.039 ng/uL

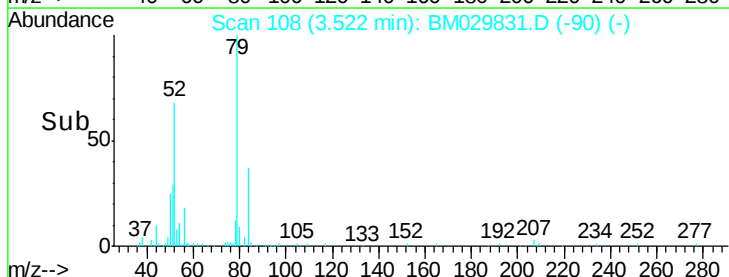
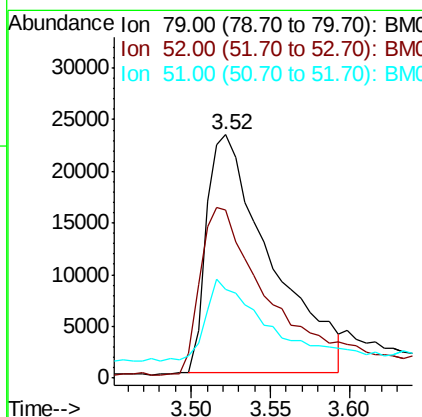
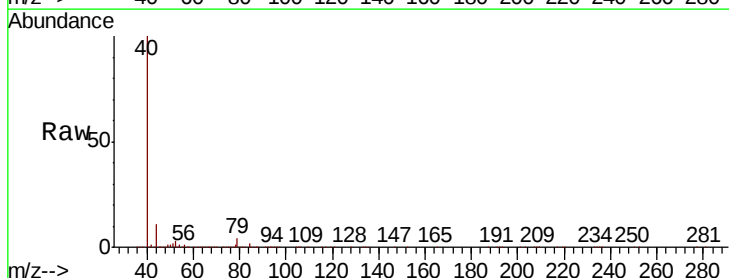
RT: 3.52 min Scan# 108

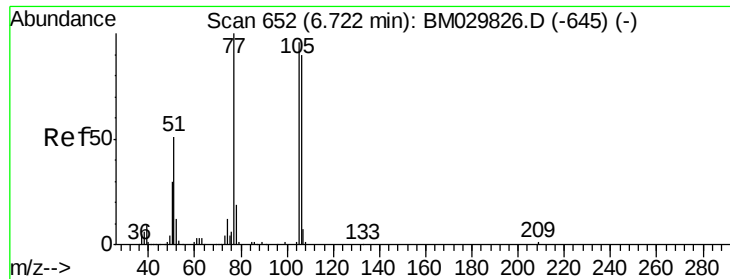
Delta R.T. 0.01 min

Lab File: BM029831.D

Acq: 05 May 2021 17:44

Tgt Ion:	79	Resp:	65230
Ion	Ratio	Lower	Upper
79	100		
52	69.2	74.2	111.4#
51	36.7	34.3	51.5





#6

Benzaldehyde

Concen: 23.716 ng/ul

RT: 6.72 min Scan# 652

Delta R.T. -0.01 min

Lab File: BM029831.D

Acq: 05 May 2021 17:44

Instrument :

BNA_M

ClientSampleId :

E0AB9MS

Tot Ion: 77 Resp: 85086

Ion Ratio Lower Upper

77 100

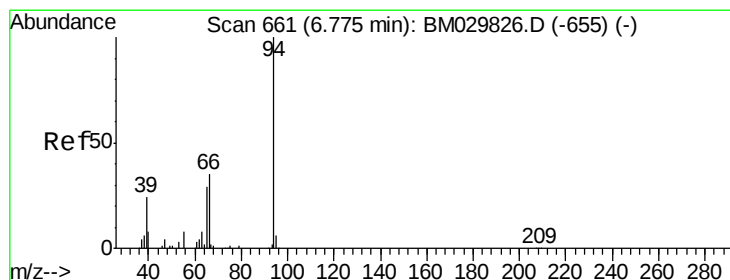
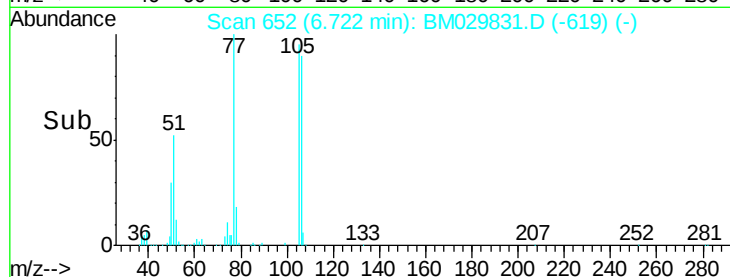
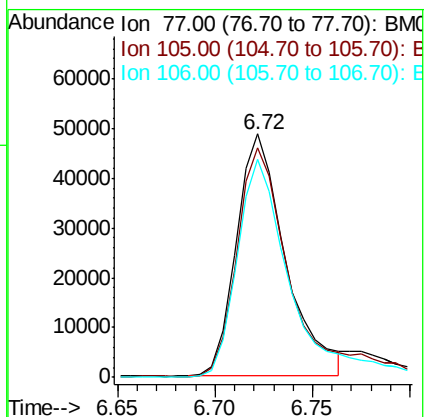
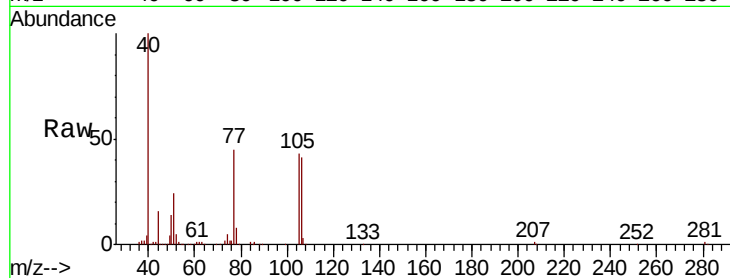
105 94.2 77.0 115.6

106 89.5 75.5 113.3

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#8

Phenol

Concen: 26.518 ng/ul

RT: 6.77 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM029831.D

Acq: 05 May 2021 17:44

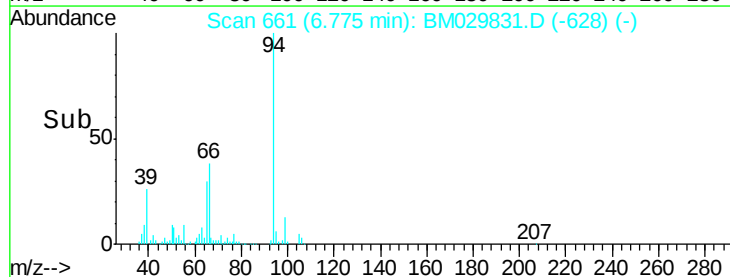
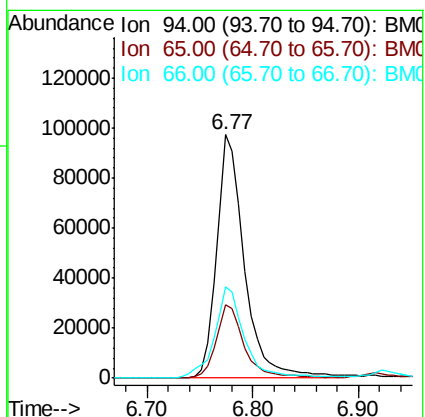
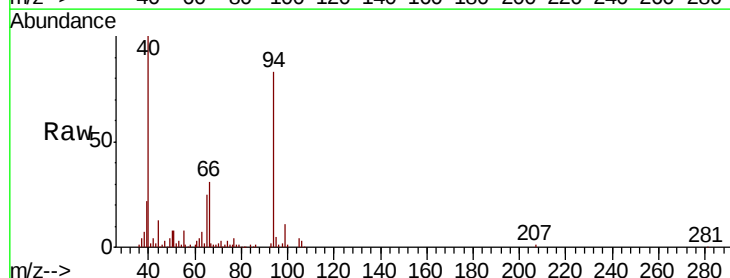
Tgt Ion: 94 Resp: 179643

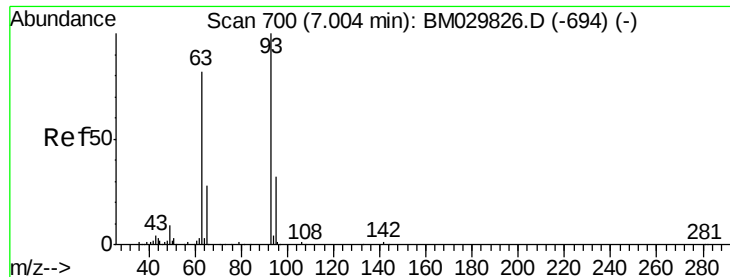
Ion Ratio Lower Upper

94 100

65 30.0 24.2 36.2

66 37.6 29.5 44.3





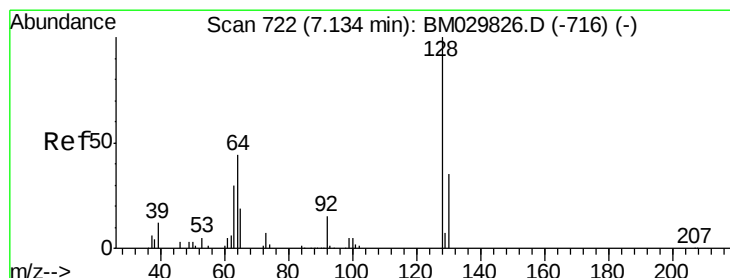
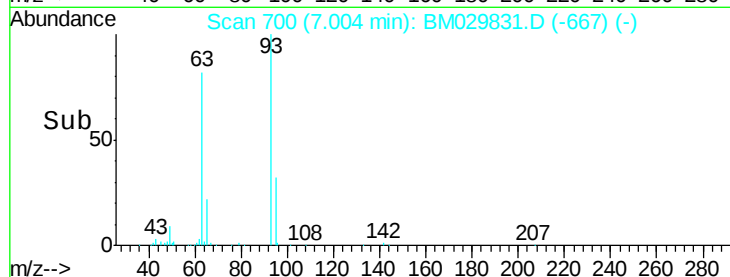
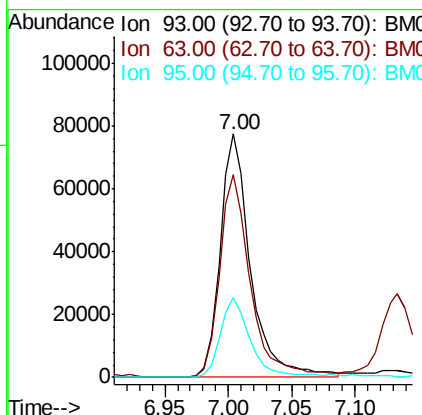
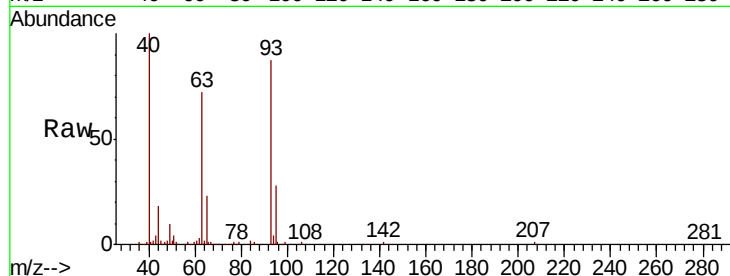
#10
Bis(2-Chloroethyl)ether
Concen: 24.262 ng/ul
RT: 7.00 min Scan# 700
Delta R.T. -0.01 min
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Tot Ion	93	Resp	128544
Ion	Ratio	Lower	Upper
93	100		
63	83.1	63.6	95.4
95	32.6	26.6	40.0

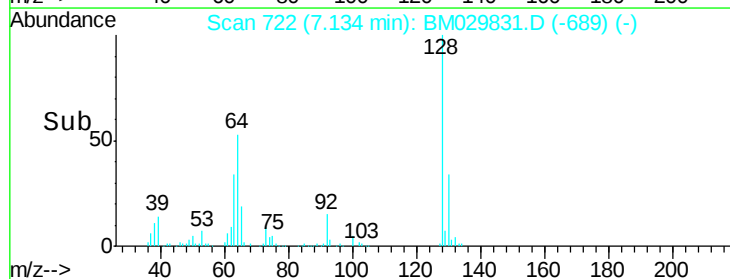
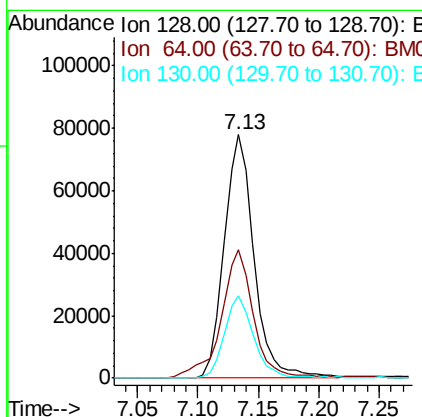
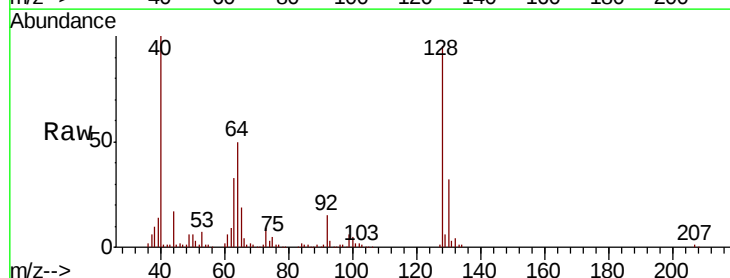
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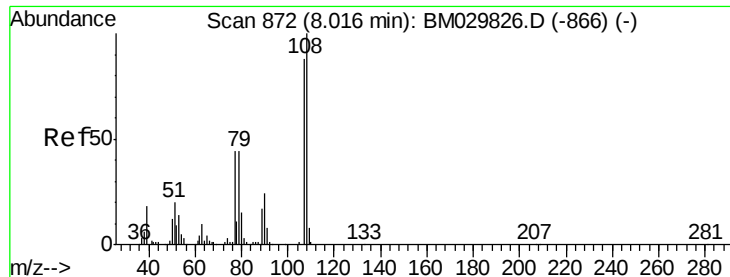
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#12
2-Chlorophenol
Concen: 24.989 ng/ul
RT: 7.13 min Scan# 722
Delta R.T. -0.01 min
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Tgt Ion	128	Resp	133800
Ion	Ratio	Lower	Upper
128	100		
64	52.8	39.0	58.6
130	33.8	25.6	38.4





#13

2-Methylphenol

Concen: 23.580 ng/ul

RT: 8.02 min Scan# 872

Delta R.T. -0.01 min

Lab File: BM029831.D

Acq: 05 May 2021 17:44

Instrument :

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E0AB9MS

Tot Ion: 108 Resp: 119876

Ion Ratio Lower Upper

108 100

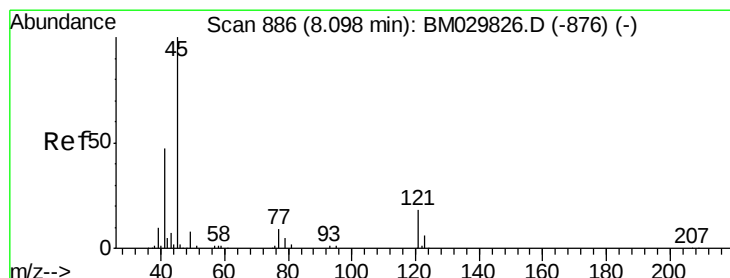
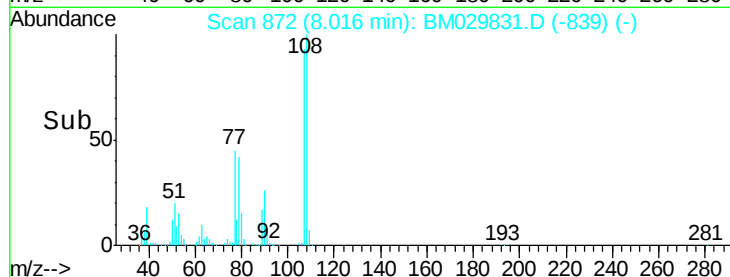
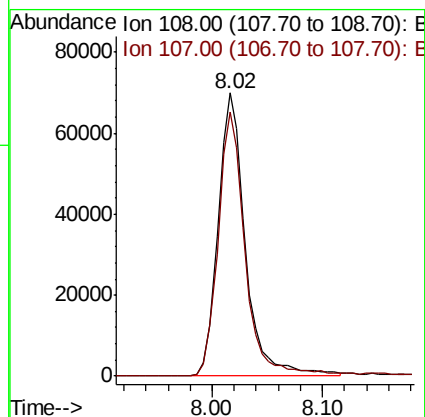
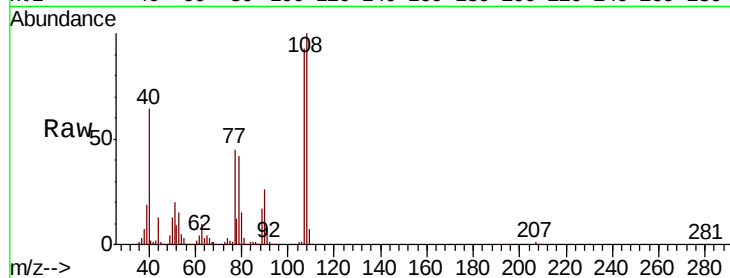
107 93.4 69.8 104.6

Manual Integrations

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#14

2,2'-oxybis(1-chloropropane)

Concen: 26.464 ng/ul

RT: 8.10 min Scan# 886

Delta R.T. -0.01 min

Lab File: BM029831.D

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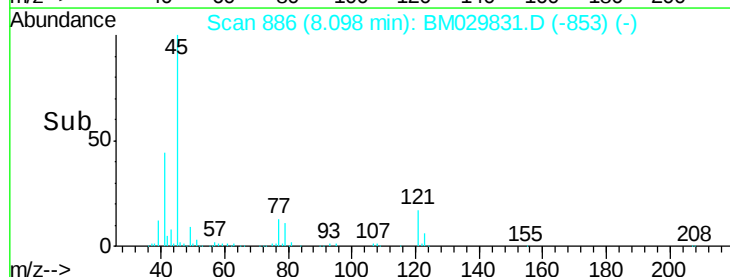
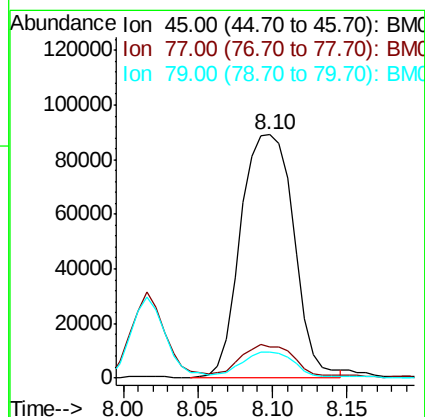
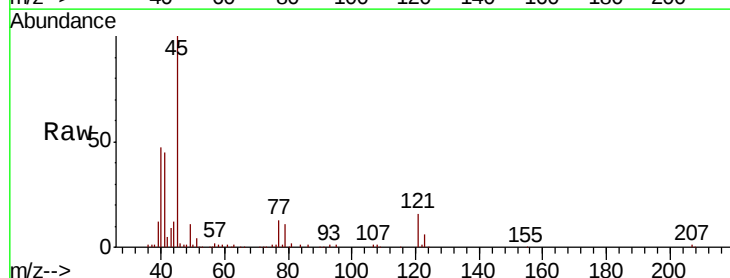
Tgt Ion: 45 Resp: 218619

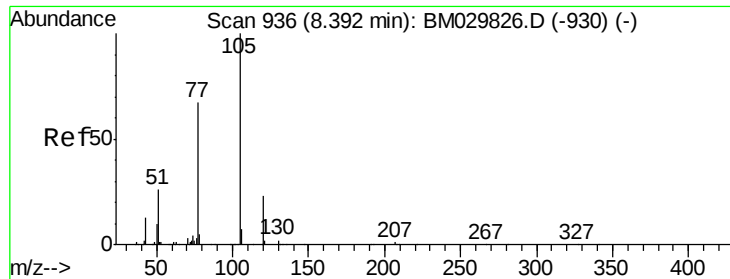
Ion Ratio Lower Upper

45 100

77 13.0 11.4 17.2

79 10.6 9.0 13.6





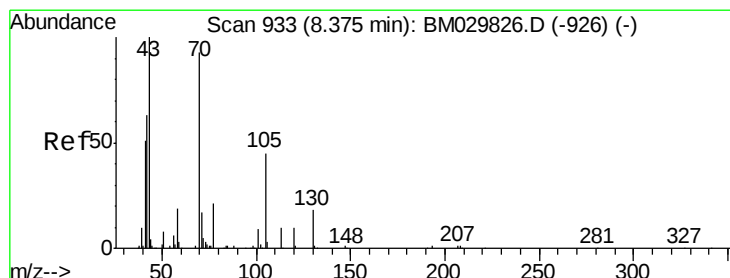
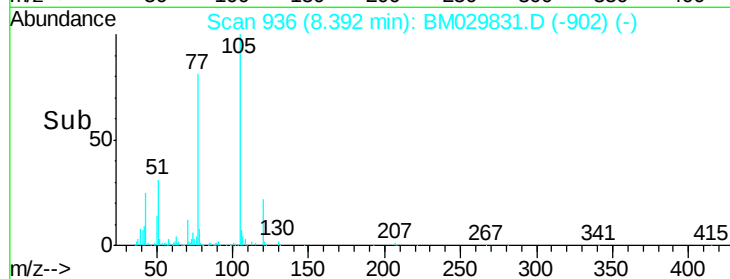
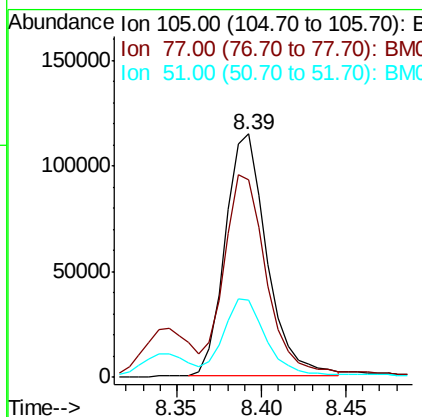
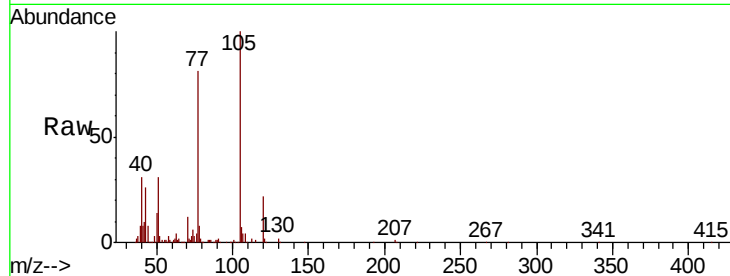
#16
Acetophenone
Concen: 24.296 ng/ul
RT: 8.39 min Scan# 936
Delta R.T. -0.00 min
Lab File: BM029831.D
Acq: 05 May 2021 17:44

Instrument :
BNA_M
ClientSampleId :
E0AB9MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
105	105	100	196154		
77	77	81.2	65.8	98.8	
51	51	31.5	24.2	36.4	

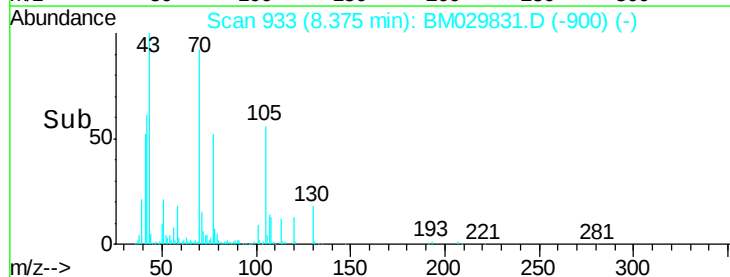
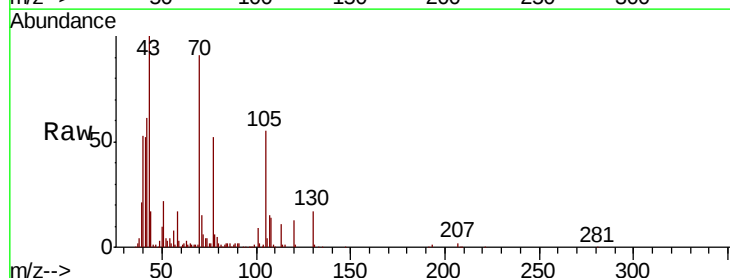
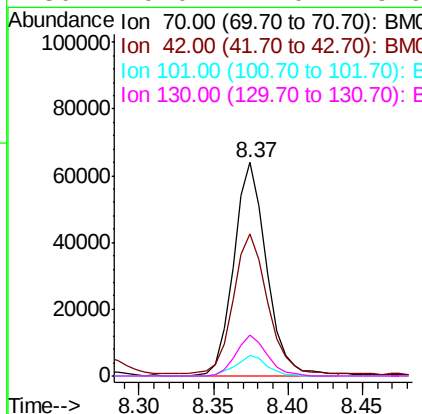
Manual Integrations
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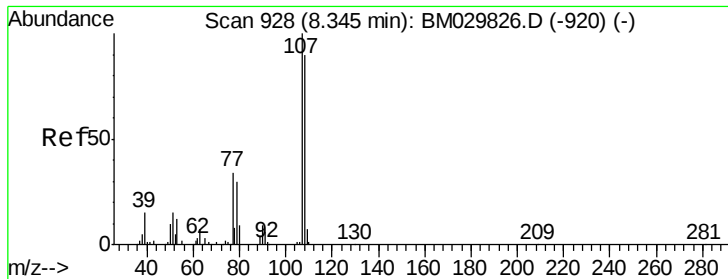
mohammad
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#17
N-Nitroso-di-n-propylamine
Concen: 23.128 ng/ul
RT: 8.37 min Scan# 933
Delta R.T. -0.01 min
Lab File: BM029831.D
Acq: 05 May 2021 17:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	70	100	98441		
42	42	66.7	50.2	75.2	
101	101	9.3	7.9	11.9	
130	130	19.0	17.0	25.6	





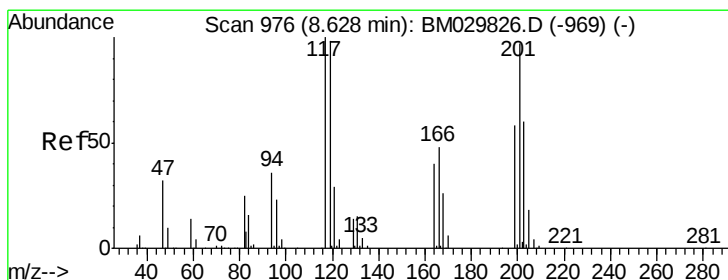
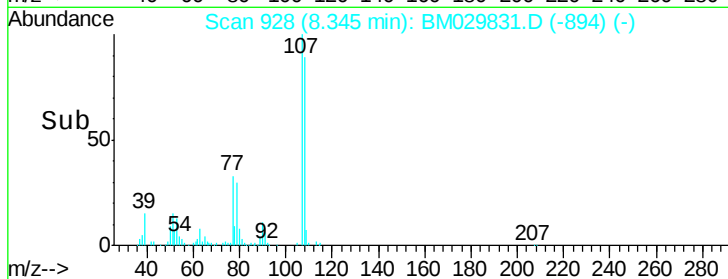
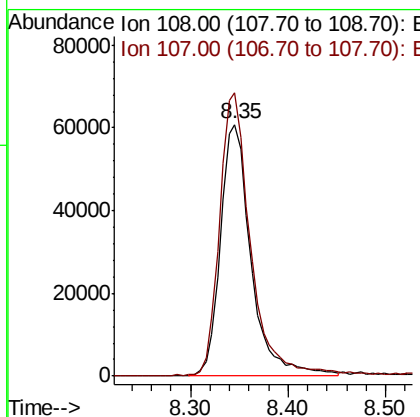
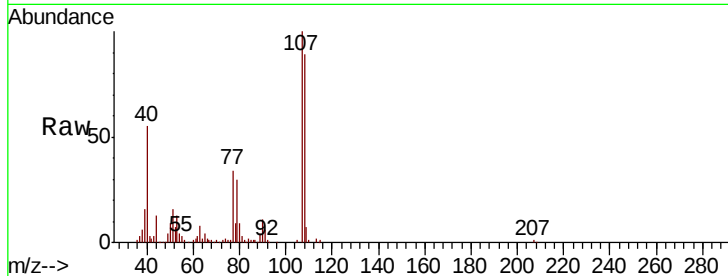
#18
4-Methylphenol
Concen: 24.316 ng/ul
RT: 8.35 min Scan# 928
Delta R.T. -0.00 min
Lab File: BM029831.D
Acq: 05 May 2021 17:44

Instrument :
BNA_M
ClientSampleId :
E0AB9MS

Tot Ion	Ratio	Resp	Lower	Upper
108	100	131552		
107	112.4	93.0	139.6	

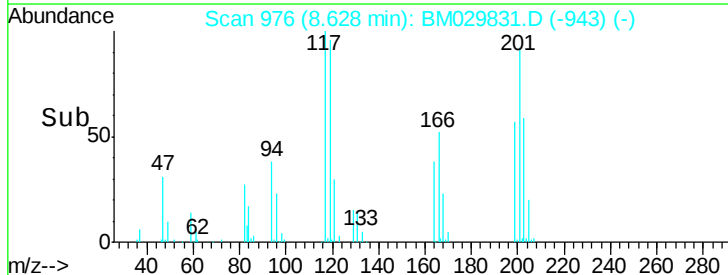
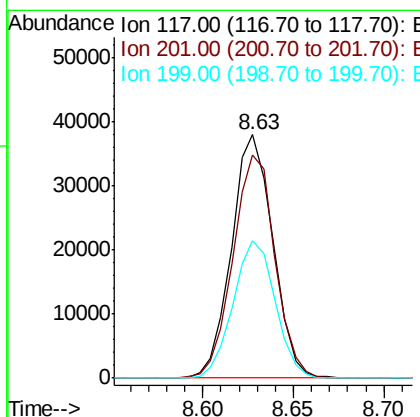
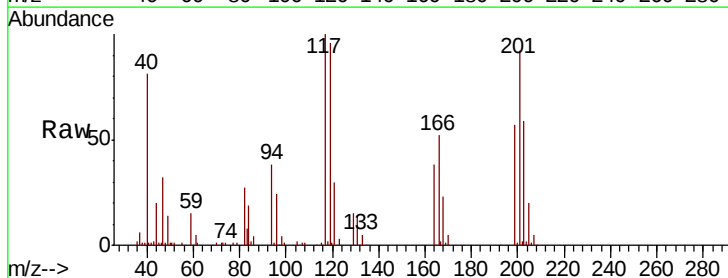
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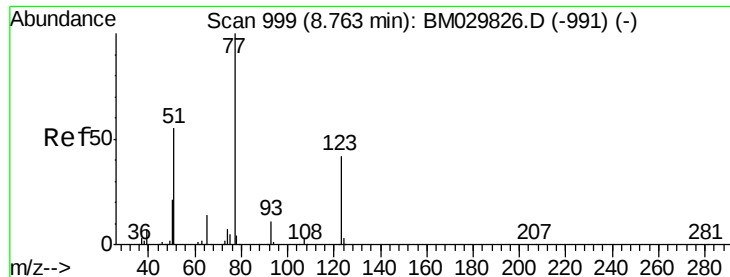
mohammad
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#19
Hexachloroethane
Concen: 25.437 ng/ul
RT: 8.63 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM029831.D
Acq: 05 May 2021 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	60415		
201	91.9	75.0	112.6	
199	56.5	46.8	70.2	





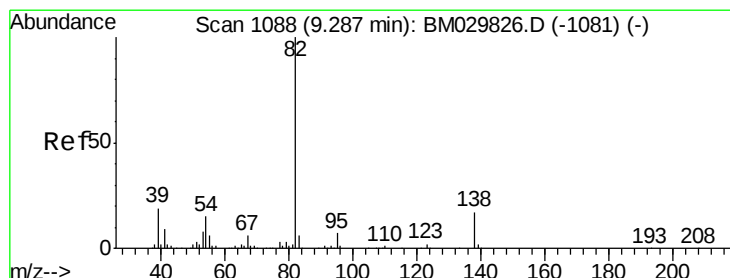
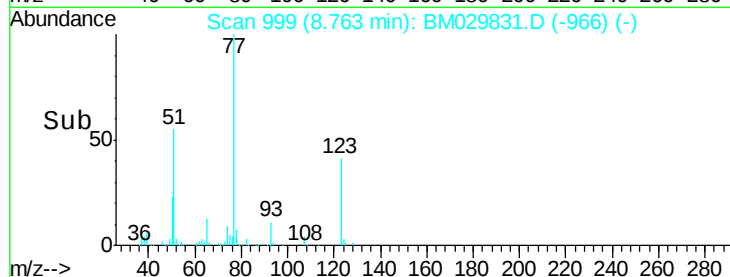
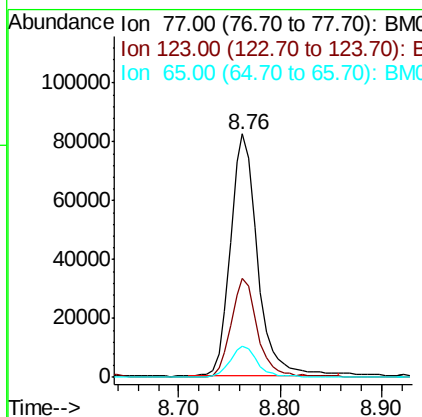
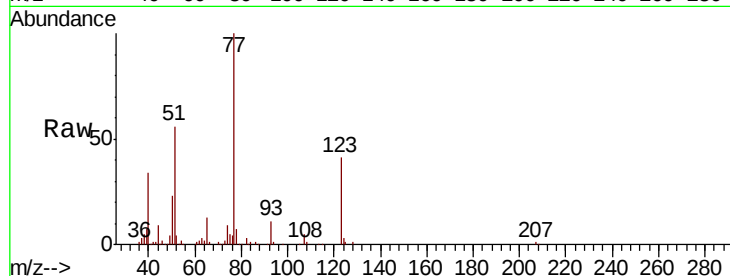
#22
Nitrobenzene
Concen: 25.752 ng/ul
RT: 8.76 min Scan# 999
Delta R.T. -0.01 min
Lab File: BM029831.D
Acq: 05 May 2021 17:44

Instrument :
BNA_M
ClientSampleId :
E0AB9MS

Tot Ion	Ratio	Lower	Upper
77	100		
123	40.9	35.0	52.6
65	12.7	10.8	16.2

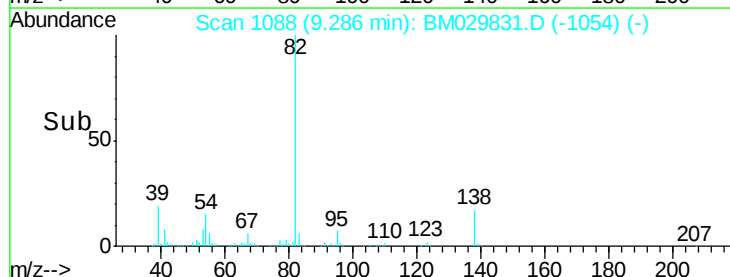
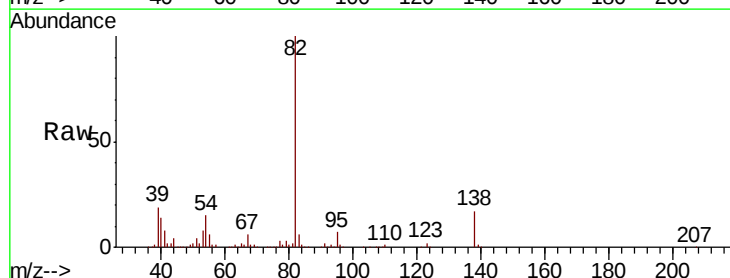
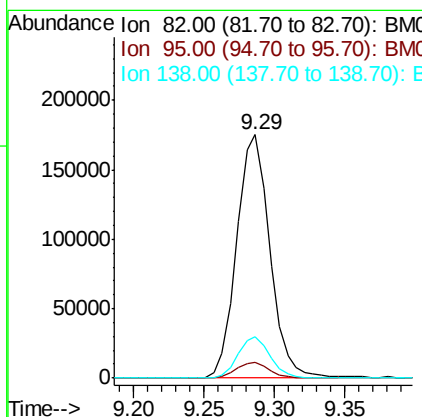
Manual Integrations
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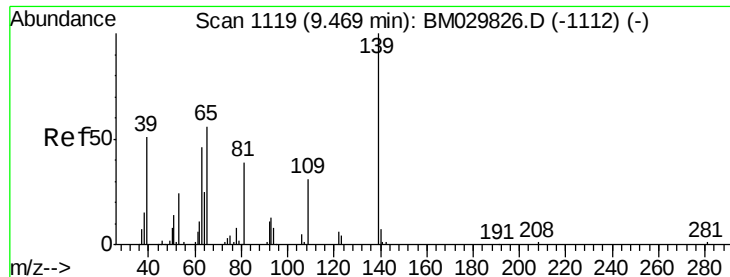
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#23
Isophorone
Concen: 25.863 ng/ul
RT: 9.29 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BM029831.D
Acq: 05 May 2021 17:44

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.6	5.3	7.9
138	17.0	13.0	19.4





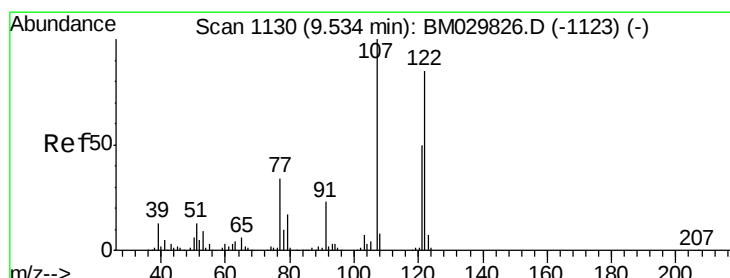
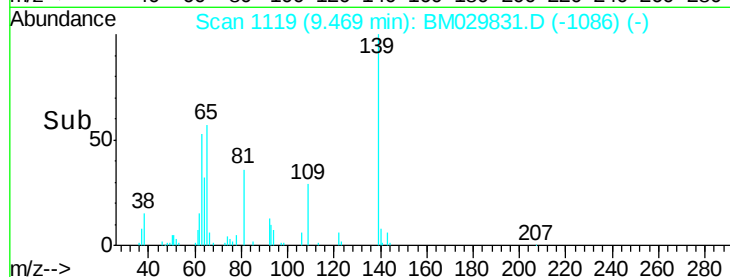
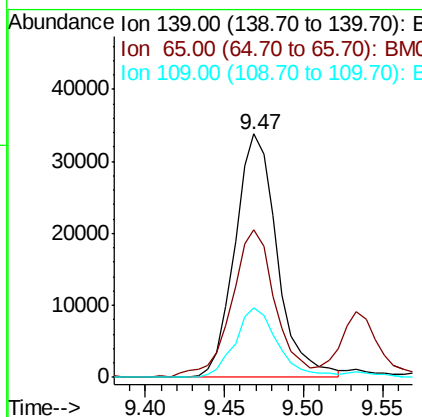
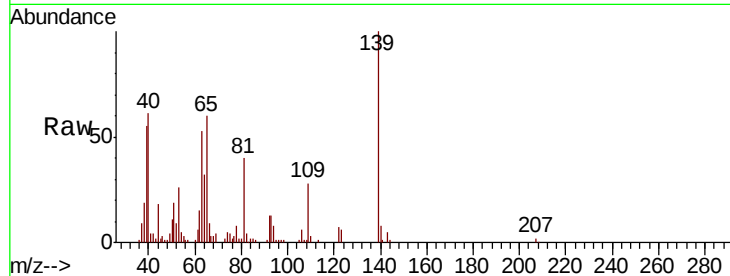
#25
2-Nitrophenol
Concen: 22.279 ng/ul
RT: 9.47 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BM029831.D
Acq: 05 May 2021 17:44

Instrument :
BNA_M
ClientSampleId :
E0AB9MS

Tot Ion	Ratio	Lower	Upper
139	100		
65	60.4	41.4	62.0
109	28.3	22.4	33.6

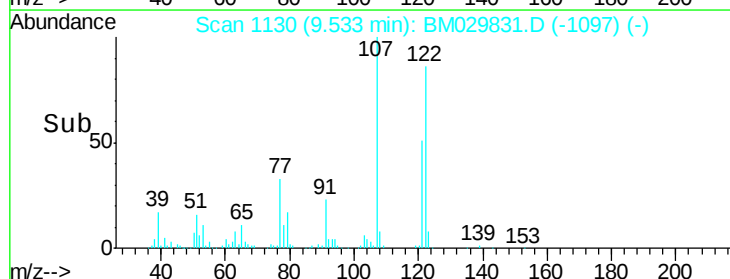
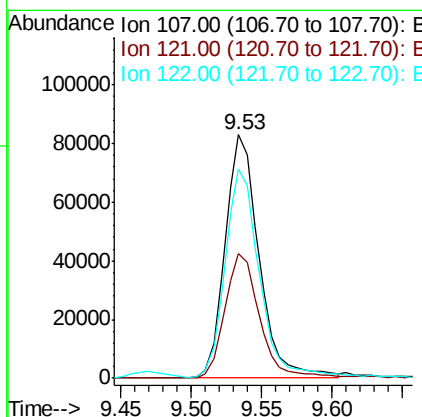
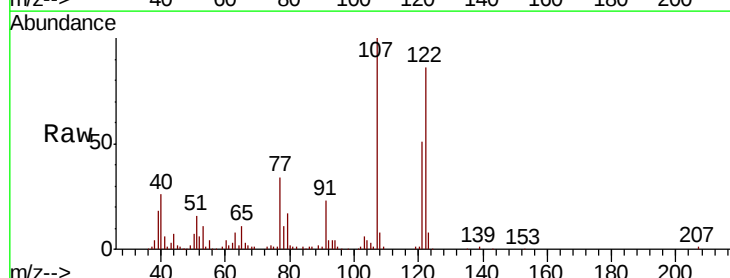
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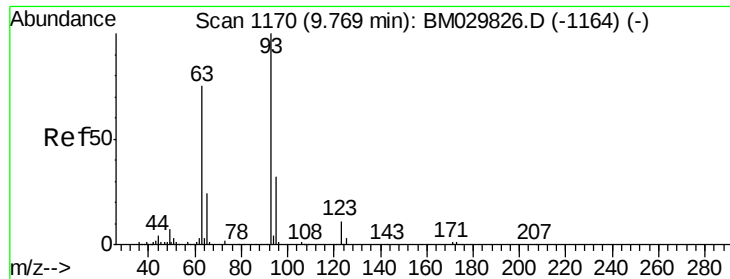
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#26
2,4-Dimethylphenol
Concen: 24.228 ng/ul
RT: 9.53 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BM029831.D
Acq: 05 May 2021 17:44

Tgt Ion	Ratio	Lower	Upper
107	100		
121	51.1	41.8	62.6
122	86.1	67.5	101.3





#27

Bis(2-Chloroethoxy)methane

Concen: 24.897 ng/ul

RT: 9.77 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BM029831.D

Acq: 05 May 2021 17:44

Instrument :

BNA_M

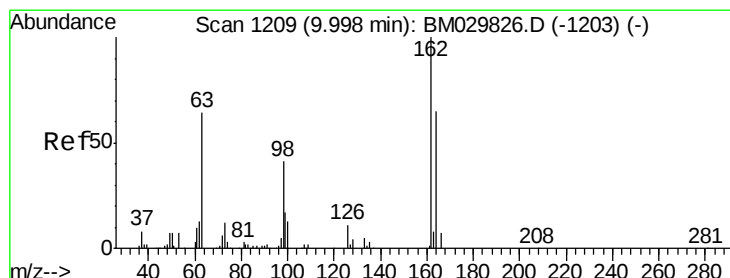
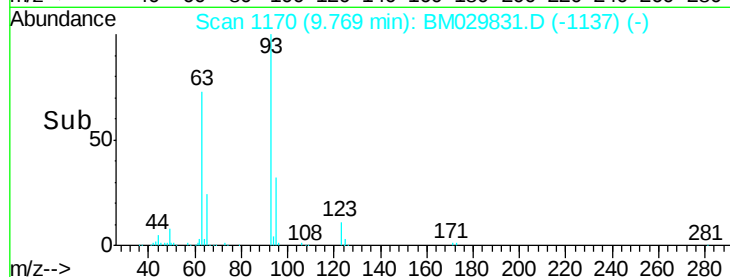
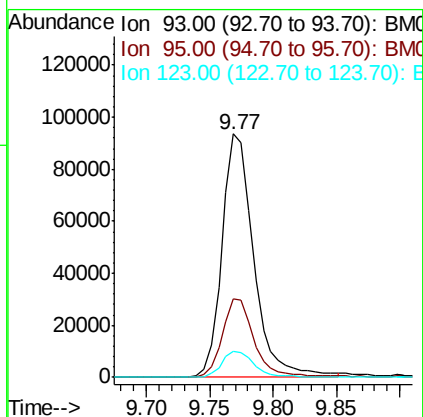
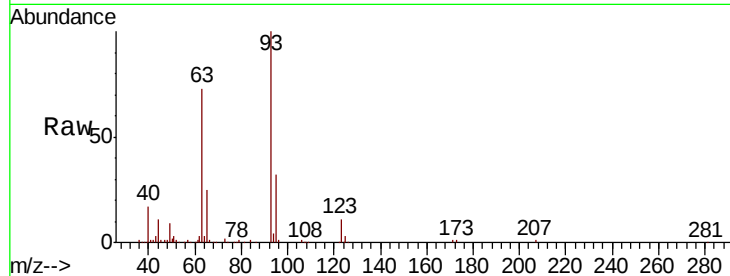
ClientSampleId :

E0AB9MS

Tot Ion:	93	Resp:	163076
Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.6	40.0
123	10.9	9.0	13.4

Manual Integrations
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#29

2,4-Dichlorophenol

Concen: 24.626 ng/ul

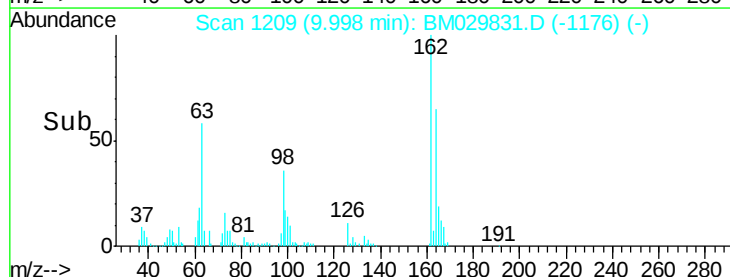
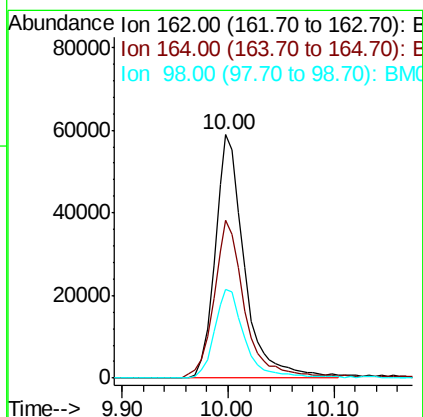
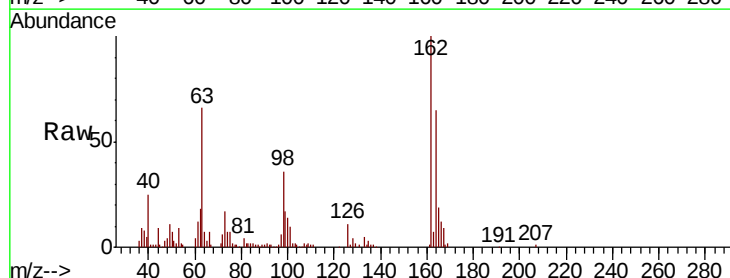
RT: 10.00 min Scan# 1209

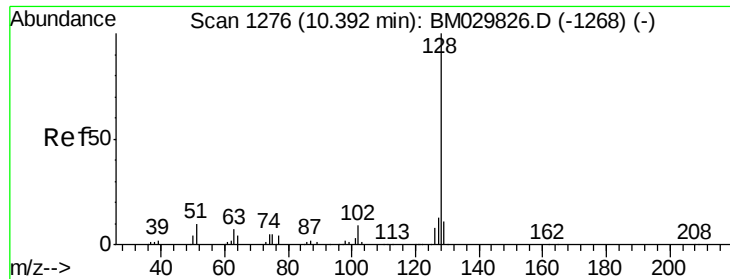
Delta R.T. -0.01 min

Lab File: BM029831.D

Acq: 05 May 2021 17:44

Tgt Ion:	162	Resp:	114385
Ion	Ratio	Lower	Upper
162	100		
164	64.9	49.9	74.9
98	36.2	30.6	46.0





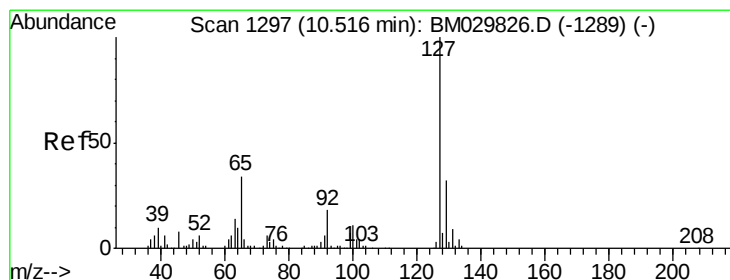
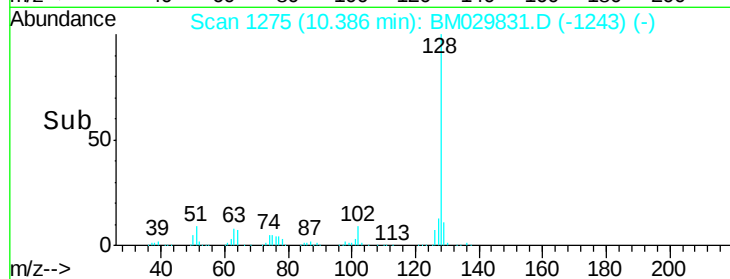
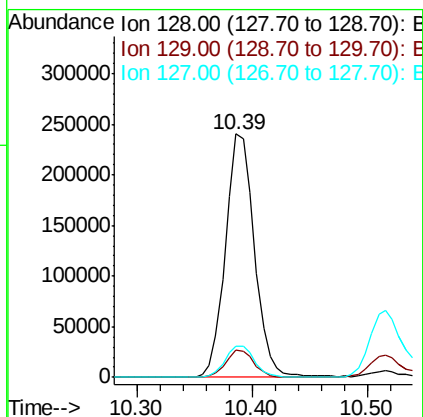
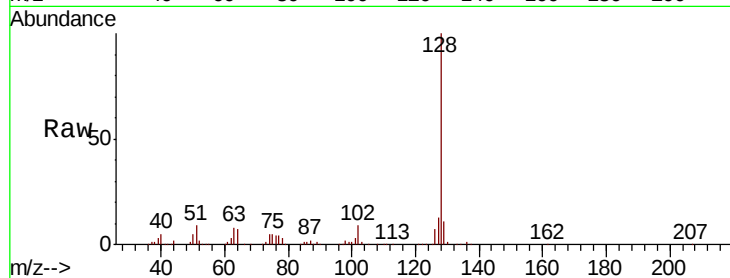
#30
Naphthalene
Concen: 24.010 ng/ul
RT: 10.39 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BM029831.D
Acq: 05 May 2021 17:44

Instrument :
BNA_M
ClientSampleId :
E0AB9MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	13.0	10.0	15.0

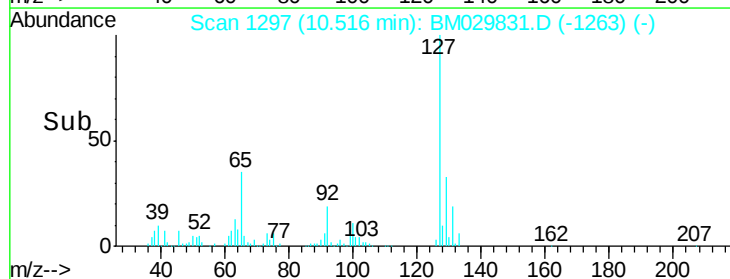
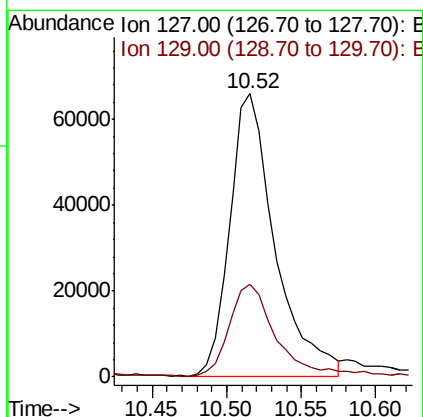
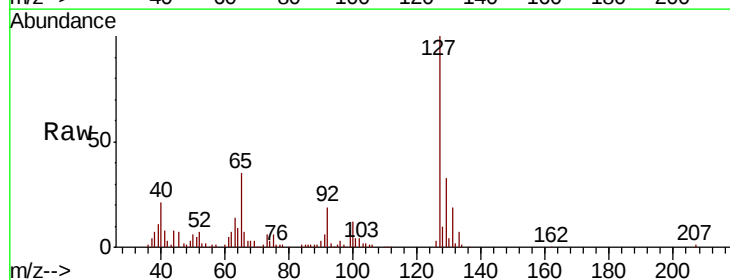
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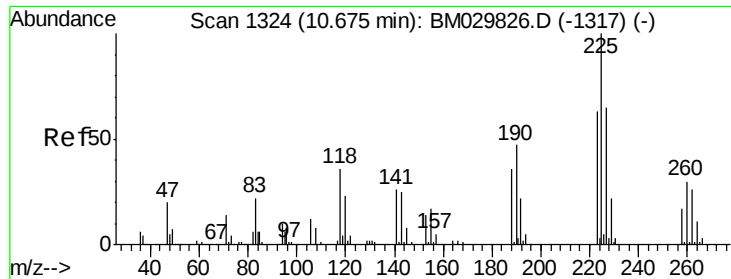
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#32
4-Chloroaniline
Concen: 19.376 ng/ul
RT: 10.52 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BM029831.D
Acq: 05 May 2021 17:44

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.7	38.5





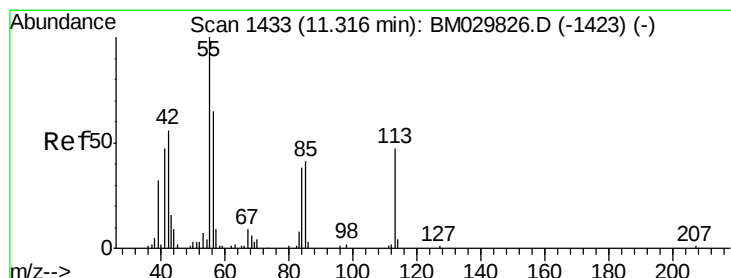
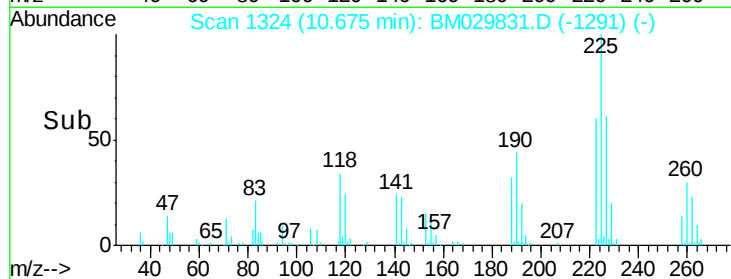
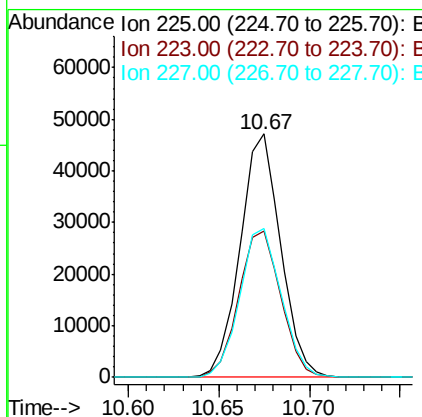
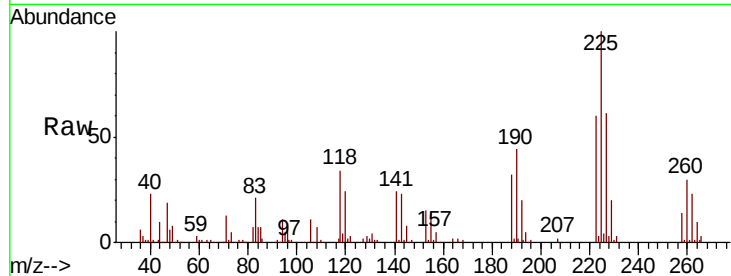
#33
Hexachlorobutadiene
Concen: 22.904 ng/ul
RT: 10.67 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BM029831.D
Acq: 05 May 2021 17:44

Instrument :
BNA_M
ClientSampleId :
E0AB9MS

Tot Ion	Ratio	Lower	Upper
225	100		
223	59.9	48.2	72.2
227	61.1	51.5	77.3

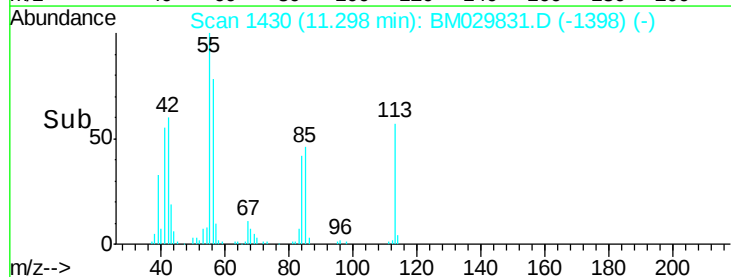
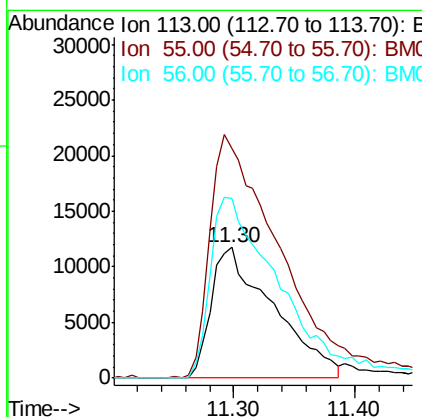
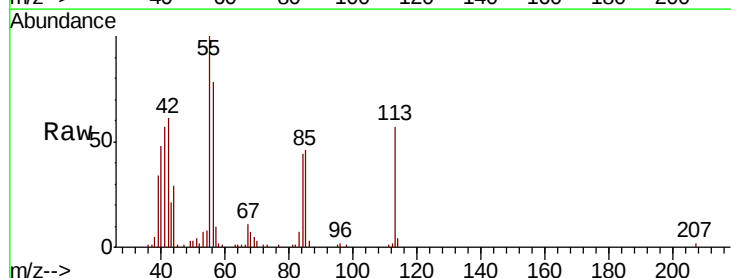
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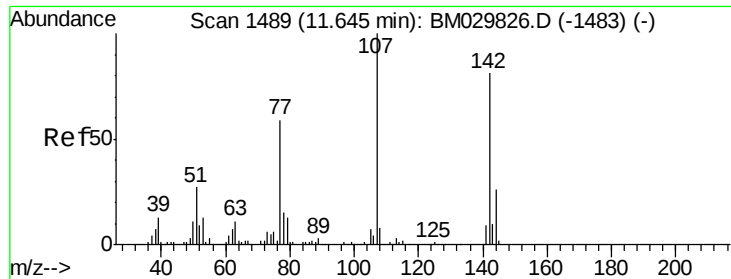
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#34
Caprolactam
Concen: 28.011 ng/ul
RT: 11.30 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BM029831.D
Acq: 05 May 2021 17:44

Tgt Ion	Ratio	Lower	Upper
113	100		
55	175.6	139.4	209.0
56	137.0	105.5	158.3





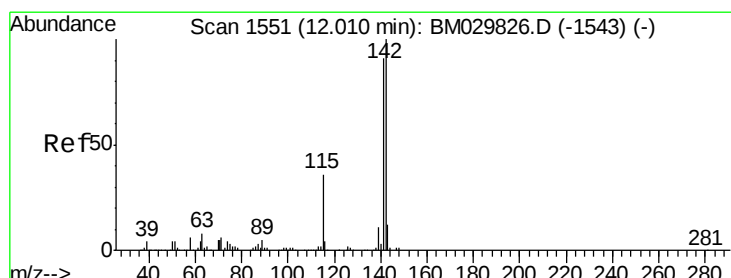
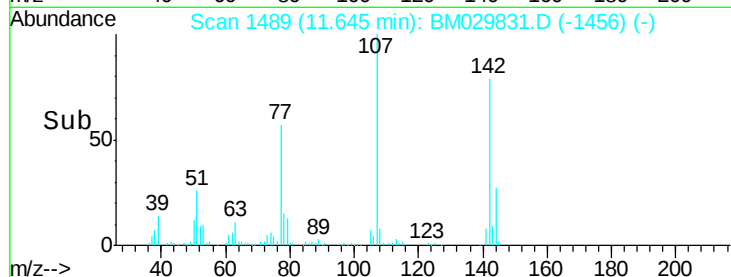
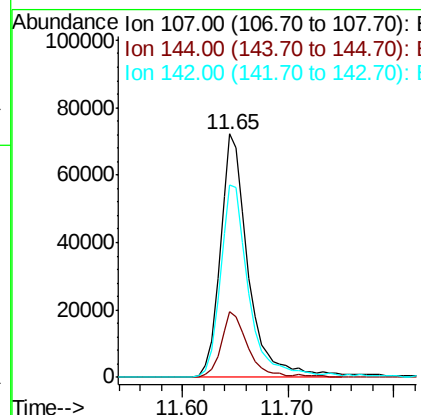
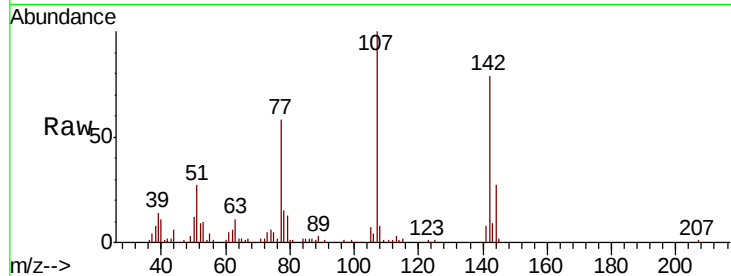
#35
 4-Chloro-3-methylphenol
 Concen: 27.624 ng/ul
 RT: 11.65 min Scan# 1489
 Delta R.T. -0.01 min
 Lab File: BM029831.D
 Acq: 05 May 2021 17:44

Instrument :
 BNA_M
 ClientSampleId :
 E0AB9MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	133468		
144	26.9	21.1	31.7	
142	79.1	63.8	95.8	

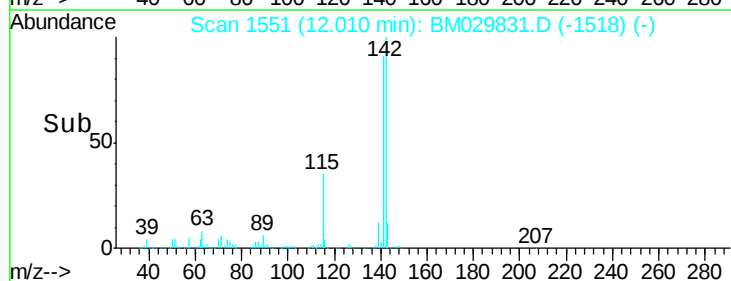
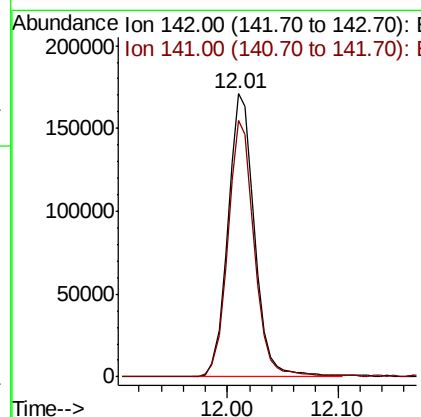
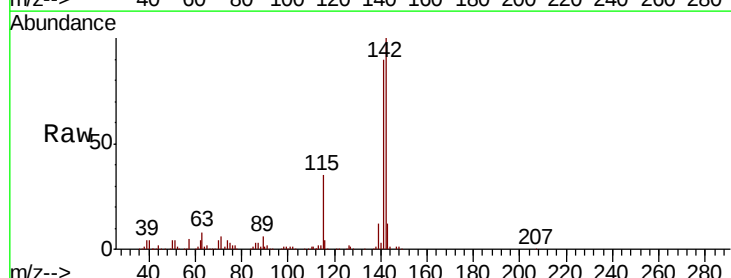
Manual Integrations
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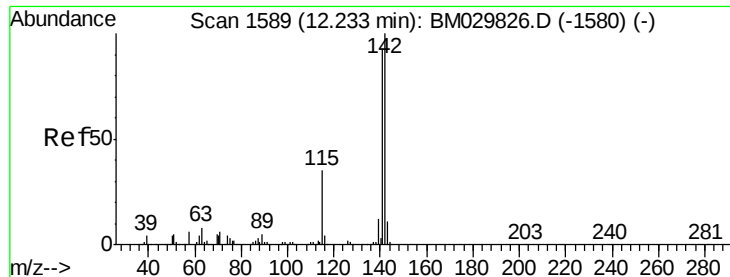
mohammad
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#36
 2-Methylnaphthalene
 Concen: 24.060 ng/ul
 RT: 12.01 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BM029831.D
 Acq: 05 May 2021 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	287041		
141	90.4	72.1	108.1	





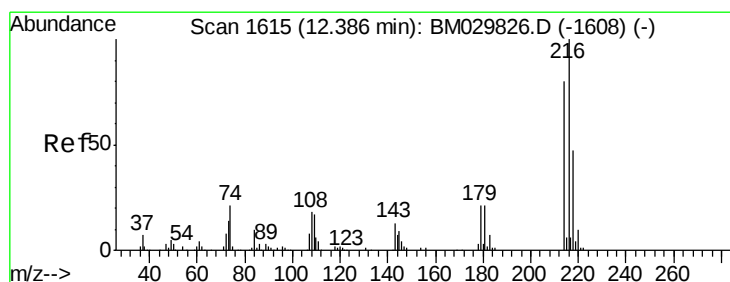
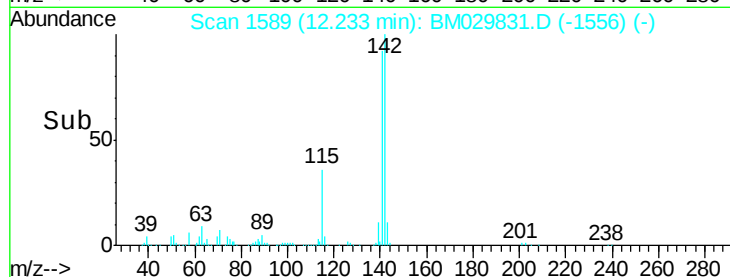
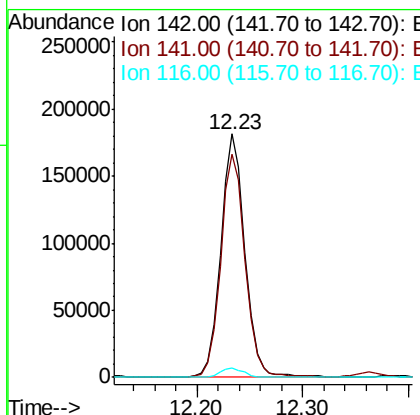
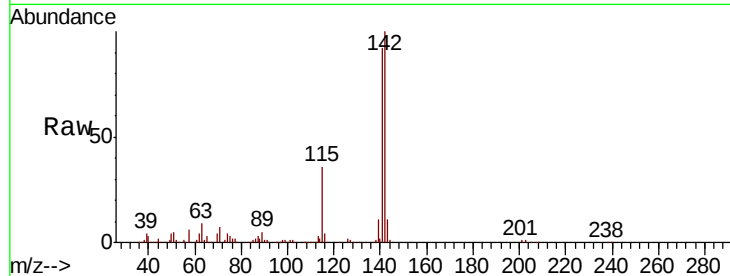
#37
 1-Methylnaphthalene
 Concen: 23.840 ng/ul
 RT: 12.23 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BM029831.D
 Acq: 05 May 2021 17:44

Instrument :
 BNA_M
 ClientSampleID :
 E0AB9MS

Tot Ion:	142	Resp:	283633
Ion Ratio	Lower	Upper	
142	100		
141	91.6	72.5	108.7
116	3.6	2.9	4.3

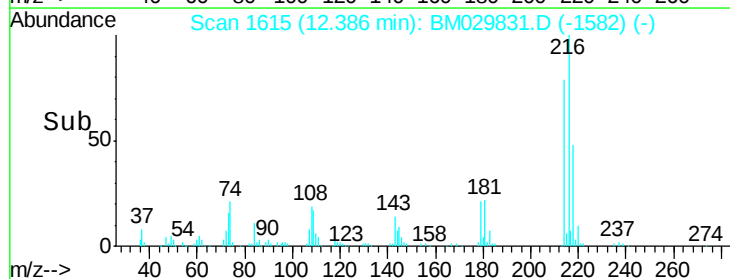
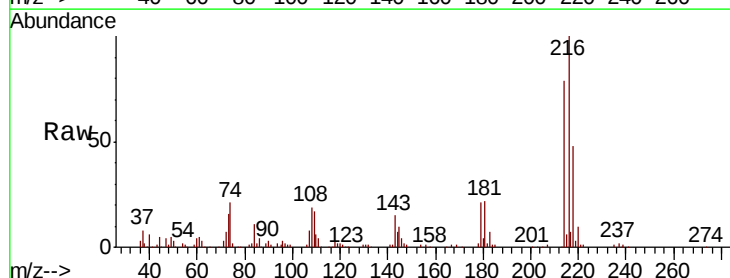
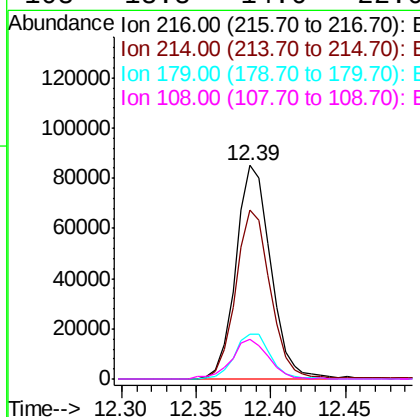
Manual Integrations
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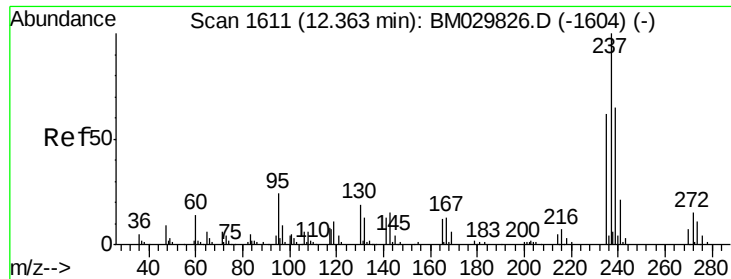
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#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 22.670 ng/ul
 RT: 12.39 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BM029831.D
 Acq: 05 May 2021 17:44

Tgt Ion:	216	Resp:	138014
Ion Ratio	Lower	Upper	
216	100		
214	79.0	61.5	92.3
179	20.9	16.1	24.1
108	18.8	14.6	22.0





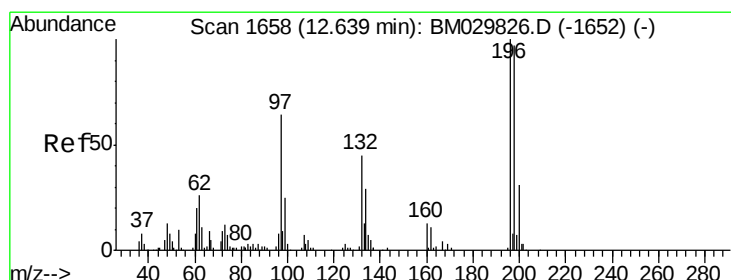
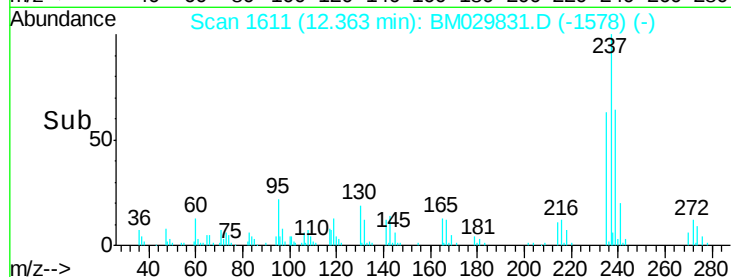
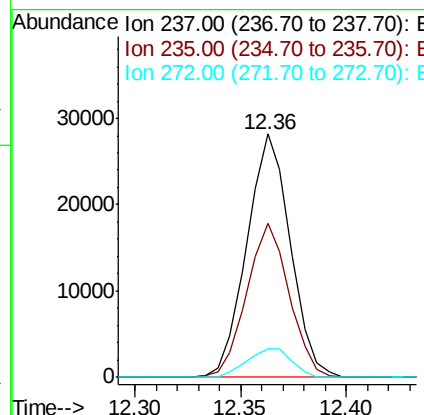
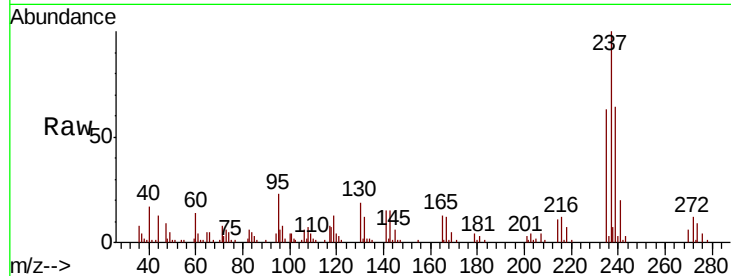
#40
Hexachlorocyclopentadiene
Concen: 13.333 ng/ul
RT: 12.36 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BM029831.D
Acq: 05 May 2021 17:44

Instrument :
BNA_M
ClientSampleId :
E0AB9MS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	40298		
235	63.4		46.2	69.2
272	11.9		10.3	15.5

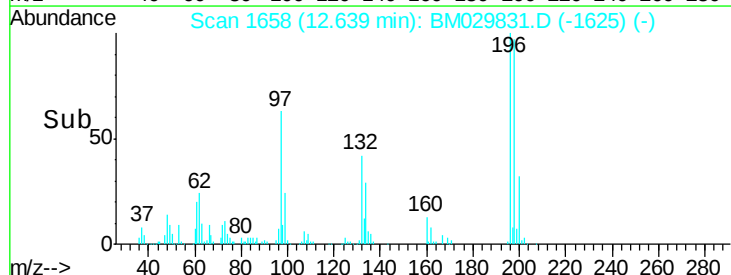
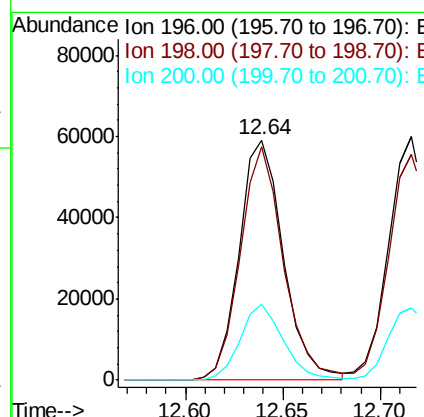
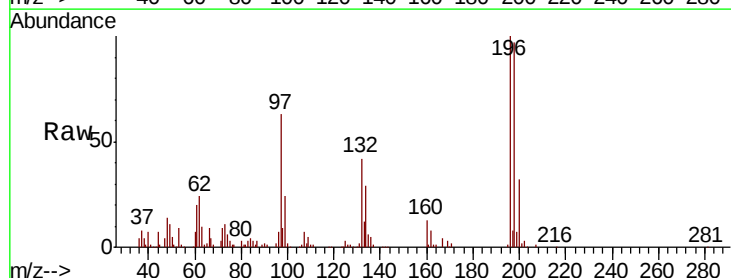
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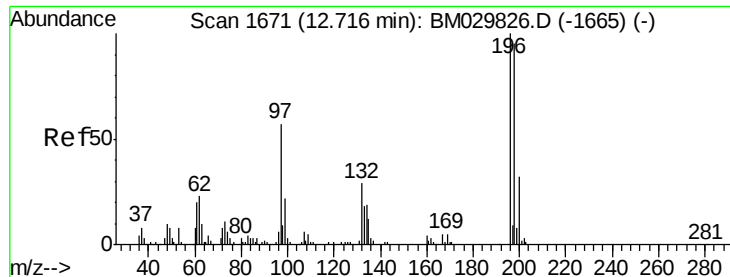
mohammad
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#41
2,4,6-Trichlorophenol
Concen: 25.822 ng/ul
RT: 12.64 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BM029831.D
Acq: 05 May 2021 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	92953		
198	96.9		79.6	119.4
200	31.7		25.1	37.7





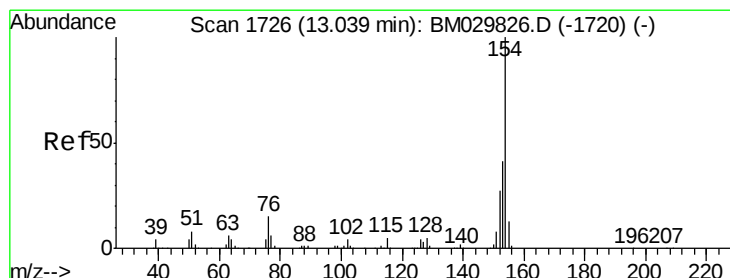
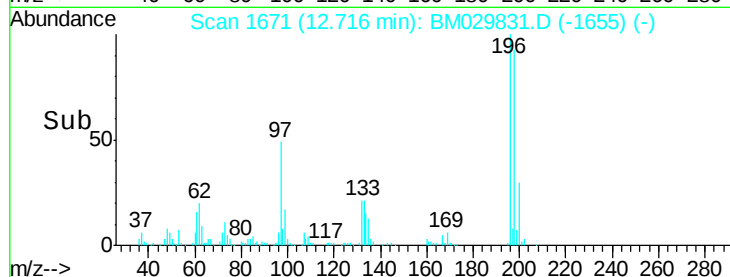
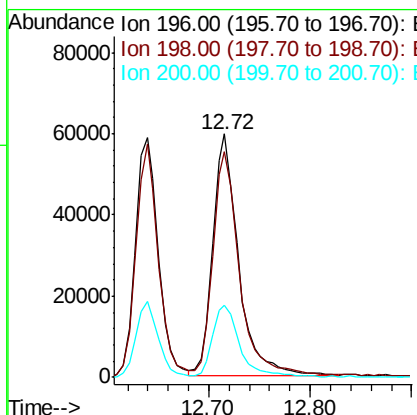
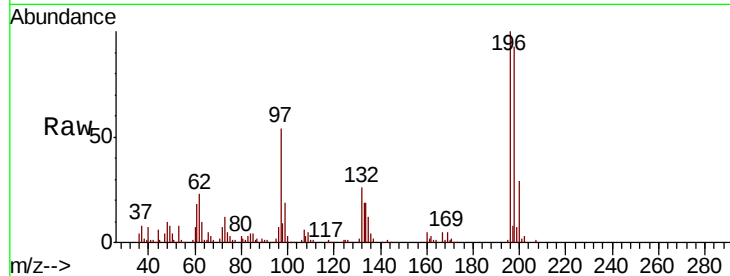
#42
 2,4,5-Trichlorophenol
 Concen: 26.957 ng/ul
 RT: 12.72 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BM029831.D
 Acq: 05 May 2021 17:44

Instrument :
 BNA_M
 ClientSampleId :
 E0AB9MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	104416		
198	93.0	77.8	116.8	
200	29.4	26.1	39.1	

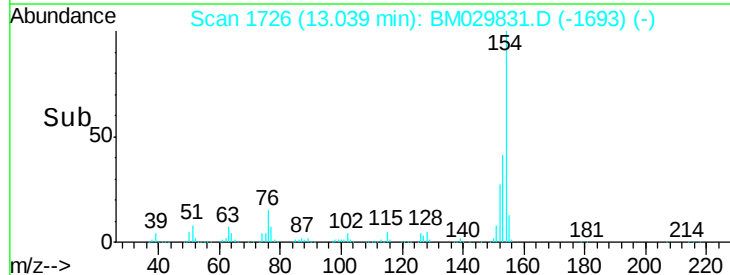
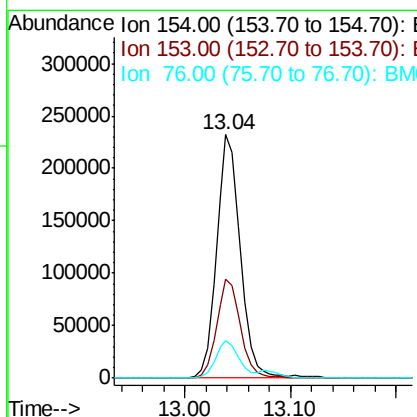
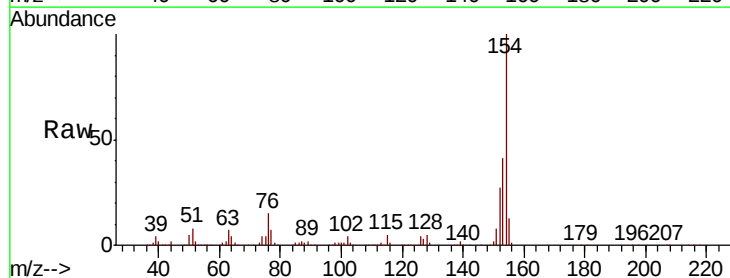
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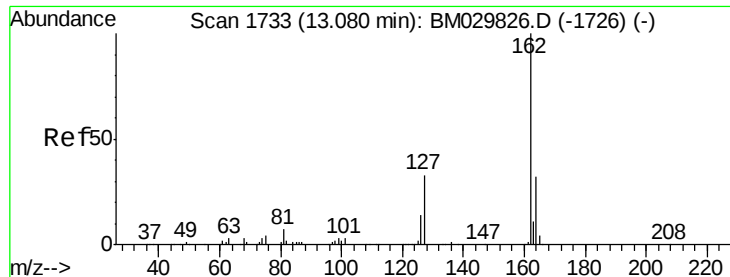
mohammad
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#43
 1,1'-Biphenyl
 Concen: 23.858 ng/ul
 RT: 13.04 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BM029831.D
 Acq: 05 May 2021 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	363095		
153	40.9	32.2	48.2	
76	15.4	11.4	17.0	





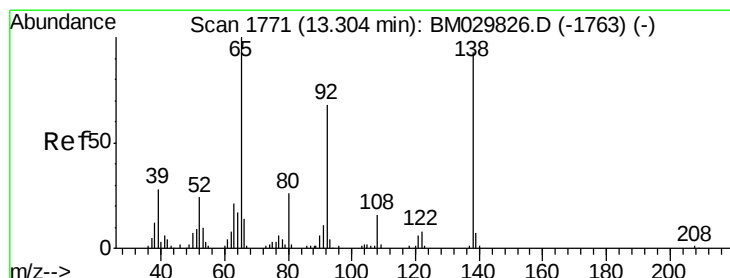
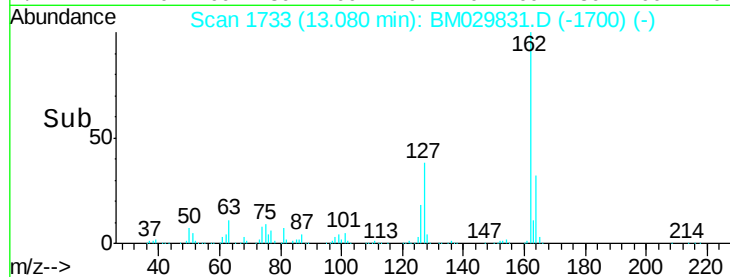
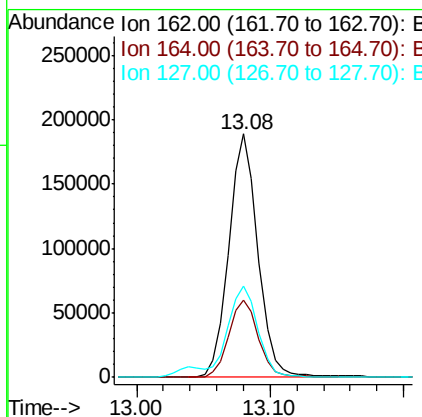
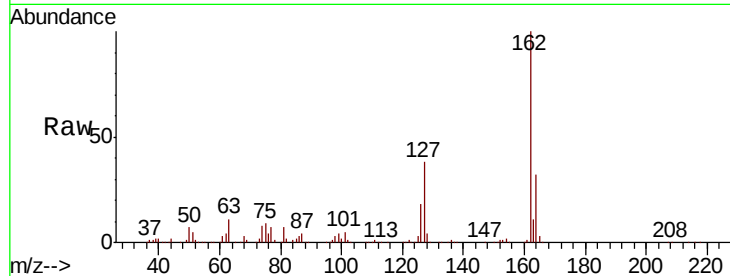
#44
 2-Chloronaphthalene
 Concen: 24.592 ng/ul
 RT: 13.08 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BM029831.D
 Acq: 05 May 2021 17:44

Instrument :
 BNA_M
 ClientSampled :
 E0AB9MS

Tot Ion:	162	Resp:	287441
Ion Ratio	Lower	Upper	
162	100		
164	31.6	26.0	39.0
127	37.5	29.1	43.7

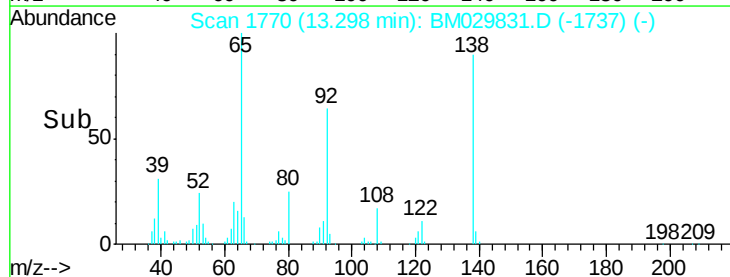
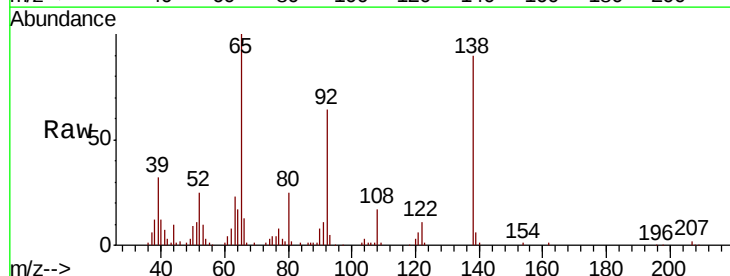
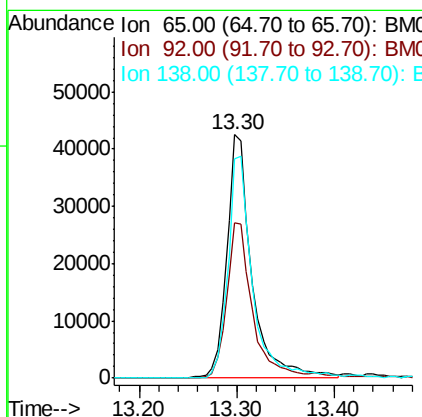
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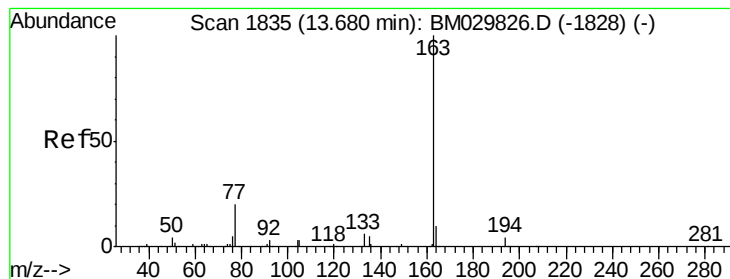
mohammad
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#45
 2-Nitroaniline
 Concen: 24.730 ng/ul
 RT: 13.30 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BM029831.D
 Acq: 05 May 2021 17:44

Tgt Ion:	65	Resp:	76111
Ion Ratio	Lower	Upper	
65	100		
92	63.5	55.4	83.0
138	90.1	79.5	119.3





#47

Dimethylphthalate

Concen: 30.573 ng/ul

RT: 13.68 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM029831.D

Acq: 05 May 2021 17:44

Instrument :

BNA_M

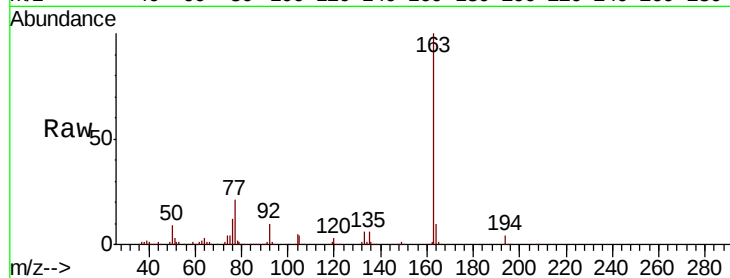
ClientSampleId :

E0AB9MS

Tot Ion:	163	Resp:	437805
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.4	5.0
164	10.3	7.9	11.9

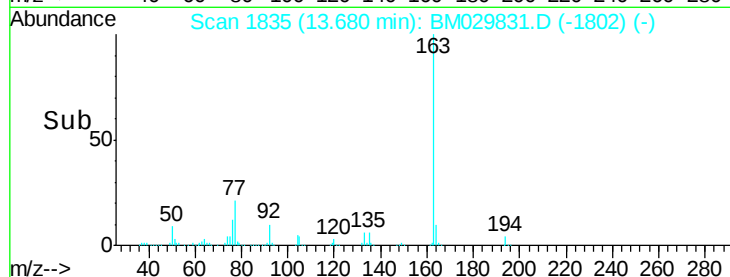
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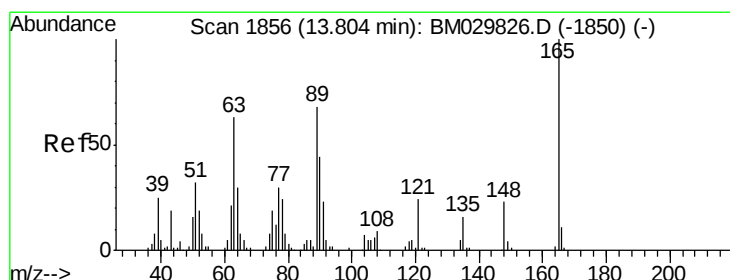


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

13.68



Time-->



#48

2,6-Dinitrotoluene

Concen: 25.222 ng/ul

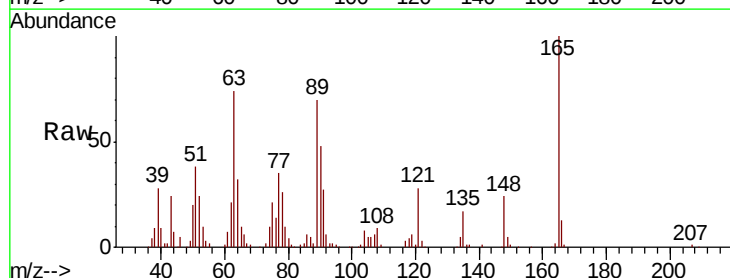
RT: 13.80 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BM029831.D

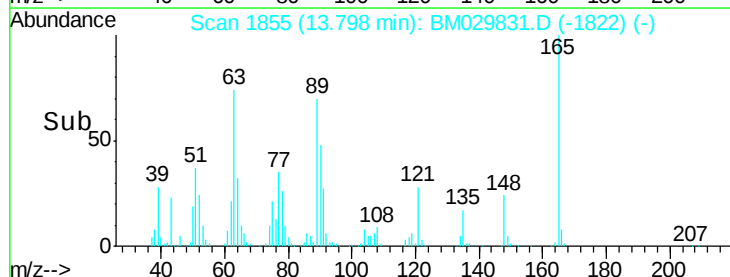
Acq: 05 May 2021 17:44

Tgt Ion:	165	Resp:	70191
Ion Ratio	Lower	Upper	
165	100		
89	69.9	49.2	73.8
121	28.0	19.4	29.0

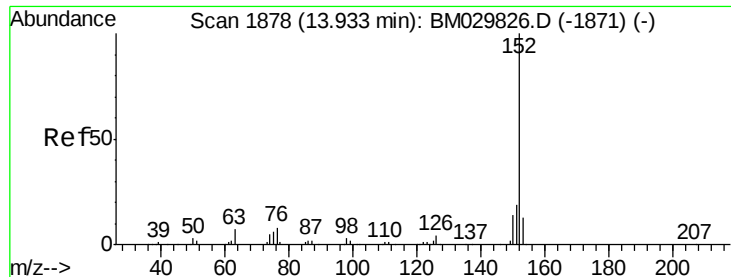


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BM0
Ion 121.00 (120.70 to 121.70): E

13.80



Time-->



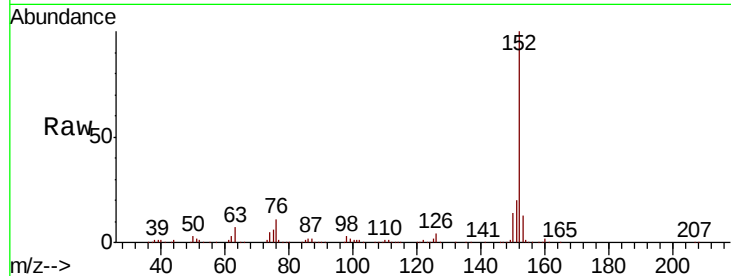
#50
Acenaphthylene
Concen: 24.734 ng/ul
RT: 13.93 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BM029831.D
Acq: 05 May 2021 17:44

Instrument :
BNA_M
ClientSampleId :
E0AB9MS

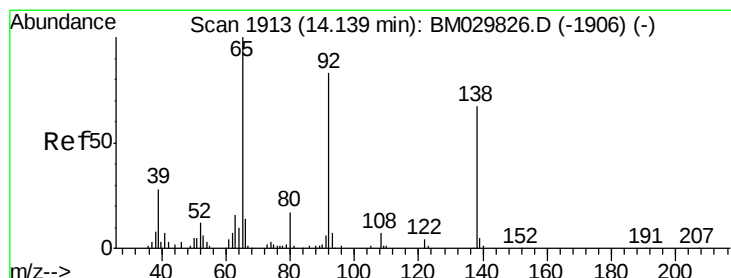
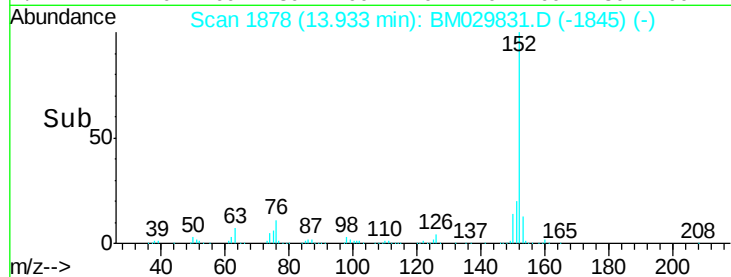
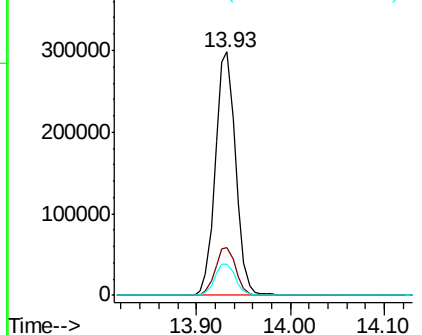
Tot Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.0	10.3	15.5

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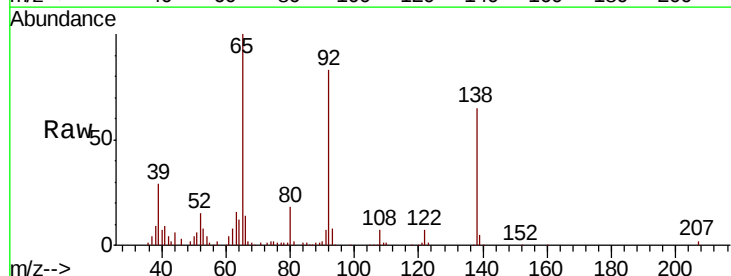


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

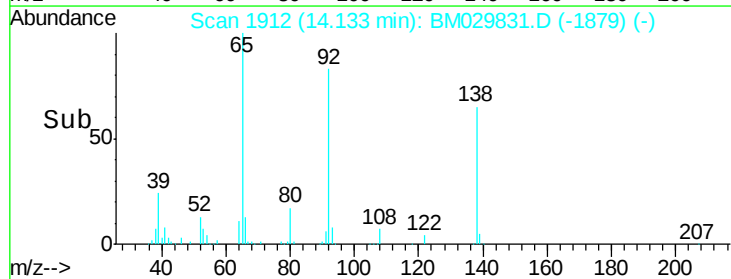
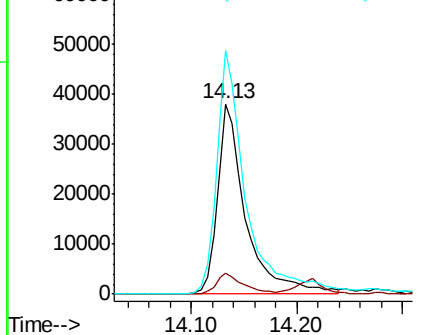


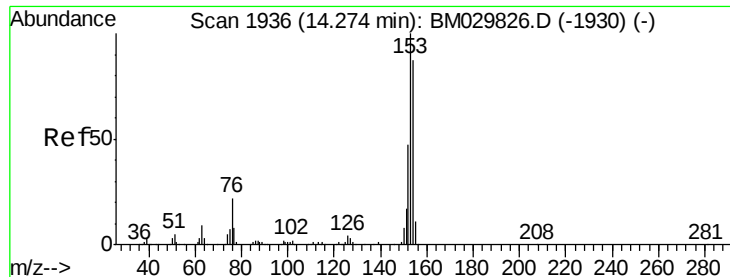
#51
3-Nitroaniline
Concen: 24.156 ng/ul
RT: 14.13 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BM029831.D
Acq: 05 May 2021 17:44

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.8	13.2
92	128.0	98.3	147.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM0





#52

Acenaphthene

Concen: 25.512 ng/ul

RT: 14.27 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BM029831.D

Acq: 05 May 2021 17:44

Instrument :

BNA_M

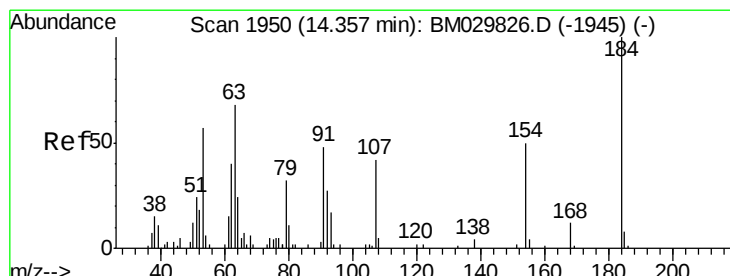
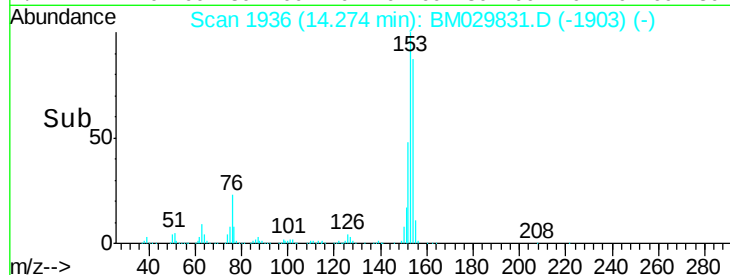
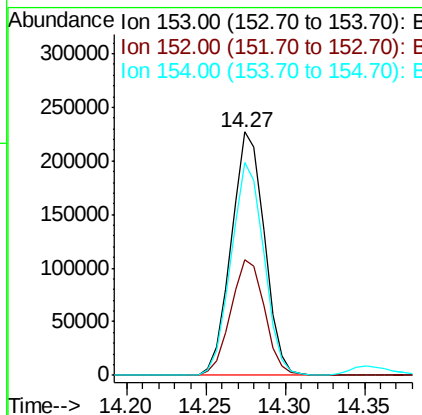
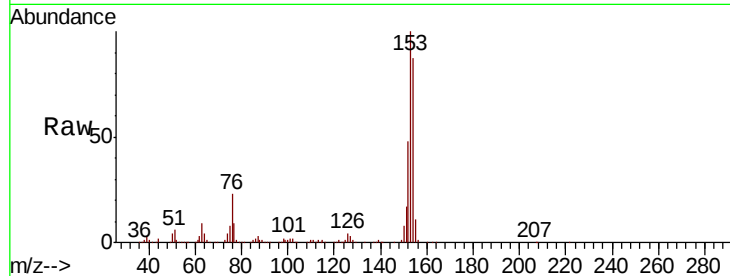
ClientSampleId :

E0AB9MS

Tot Ion:	153	Resp:	329641
Ion	Ratio	Lower	Upper
153	100		
152	47.6	37.4	56.0
154	87.3	70.3	105.5

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#53

2,4-Dinitrophenol

Concen: 18.363 ng/ul

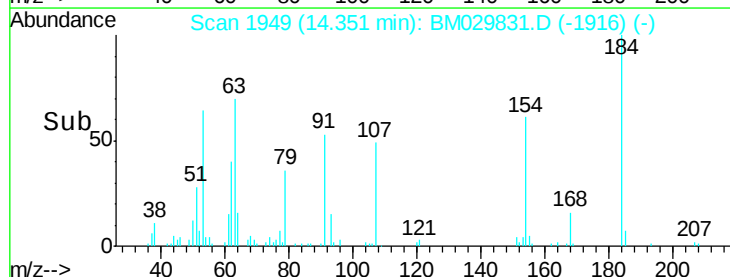
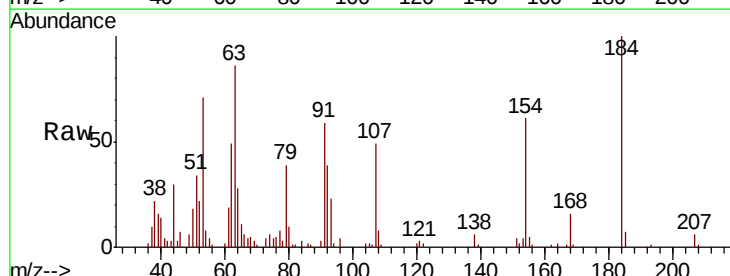
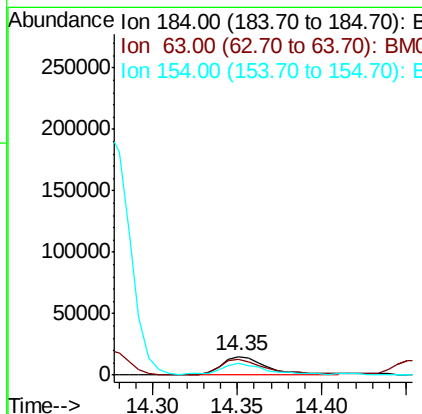
RT: 14.35 min Scan# 1949

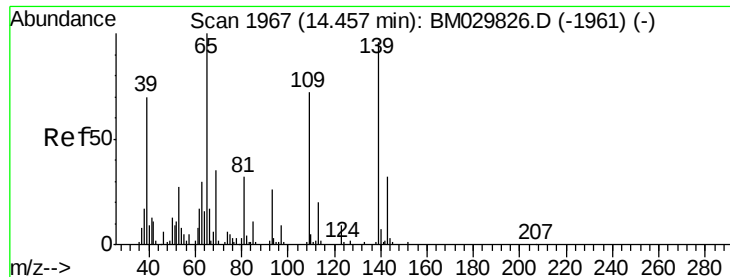
Delta R.T. -0.01 min

Lab File: BM029831.D

Acq: 05 May 2021 17:44

Tgt Ion:	184	Resp:	29333
Ion	Ratio	Lower	Upper
184	100		
63	86.4	64.1	96.1
154	60.9	50.2	75.4





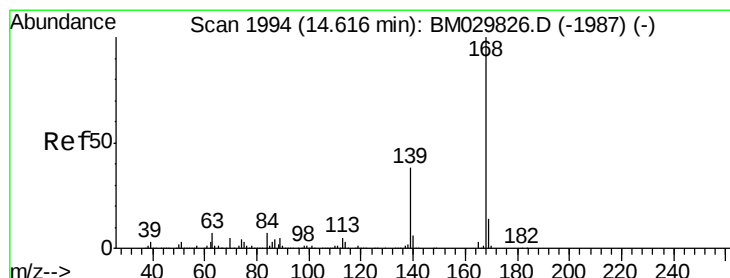
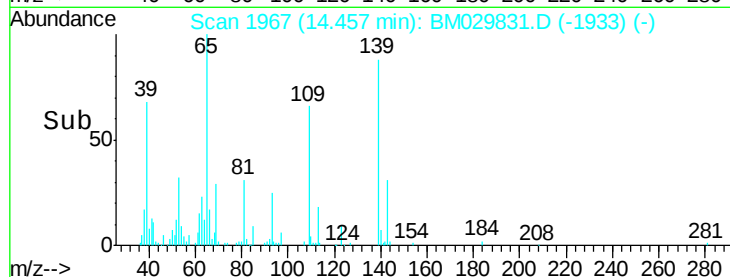
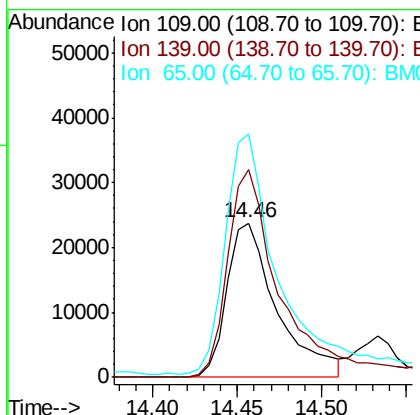
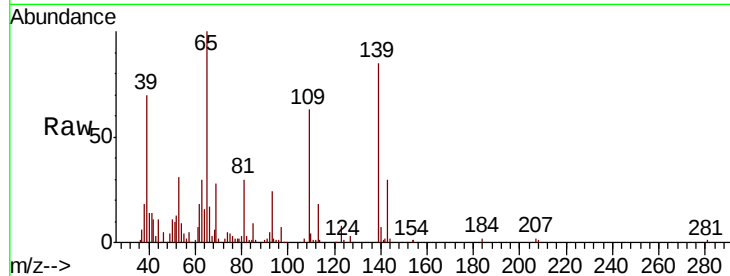
#55
4-Nitrophenol
Concen: 31.275 ng/ul
RT: 14.46 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BM029831.D
Acq: 05 May 2021 17:44

Instrument :
BNA_M
ClientSampleID :
E0AB9MS

Tot Ion	Ratio	Lower	Upper
109	100		
139	134.4	117.9	176.9
65	157.7	131.8	197.8

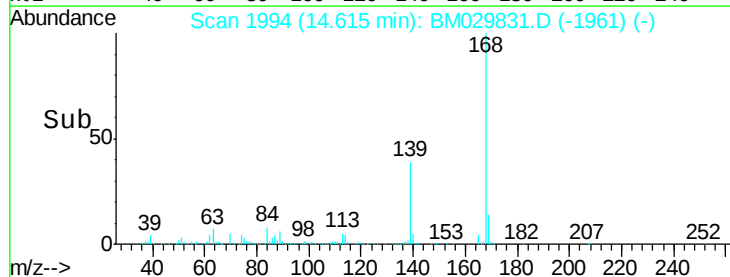
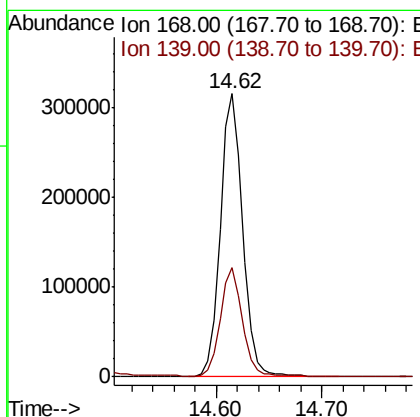
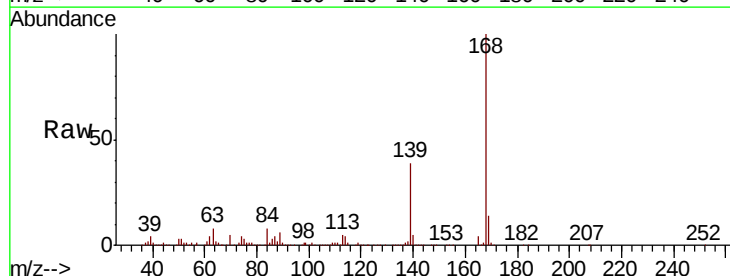
Manual Integrations
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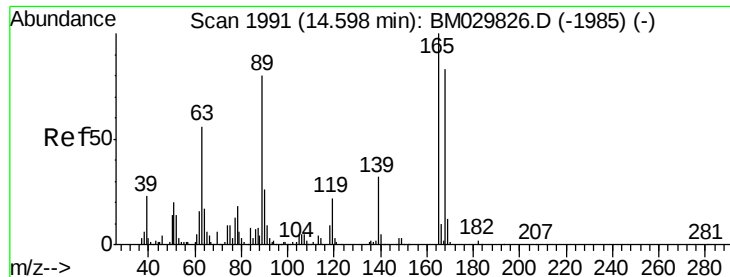
mohammad
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#56
Dibenzofuran
Concen: 26.817 ng/ul
RT: 14.62 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM029831.D
Acq: 05 May 2021 17:44

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.1	45.1





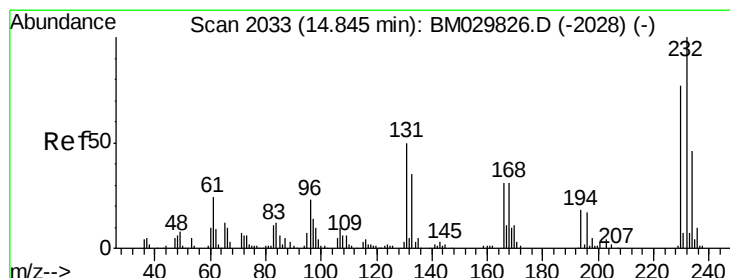
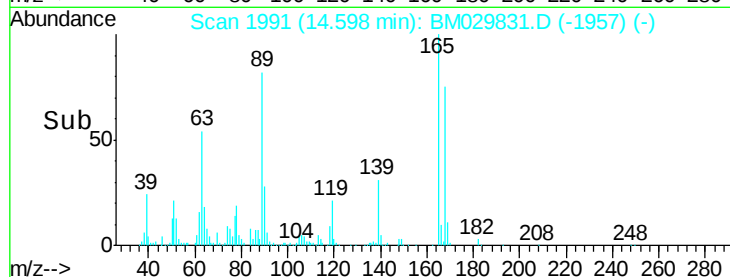
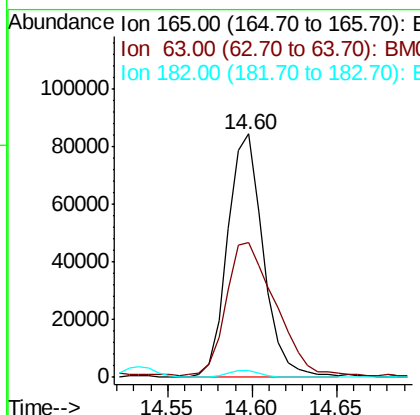
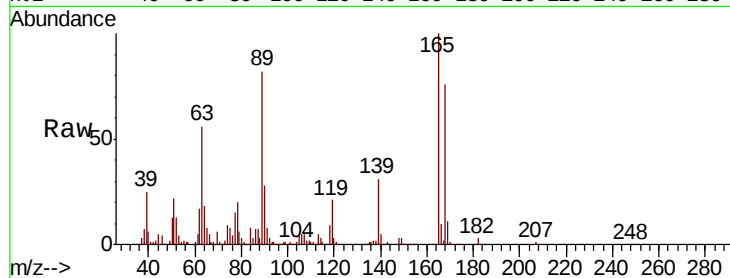
#57
 2,4-Dinitrotoluene
 Concen: 31.596 ng/ul
 RT: 14.60 min Scan# 1991
 Delta R.T. -0.00 min
 Lab File: BM029831.D
 Acq: 05 May 2021 17:44

Instrument :
 BNA_M
 ClientSampled :
 E0AB9MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	124126		
63	55.5	40.4	60.6	
182	2.6	2.2	3.2	

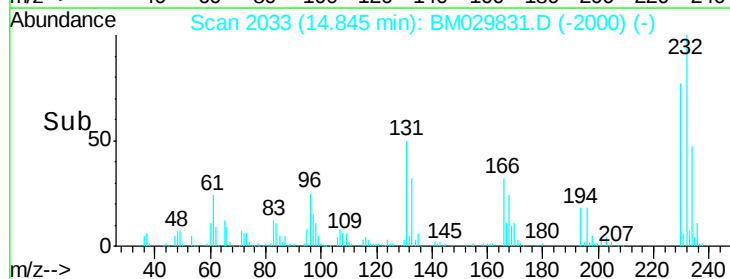
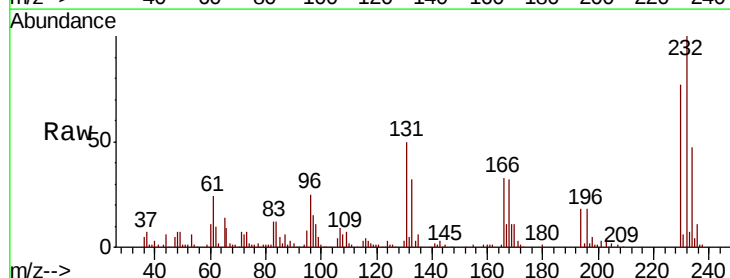
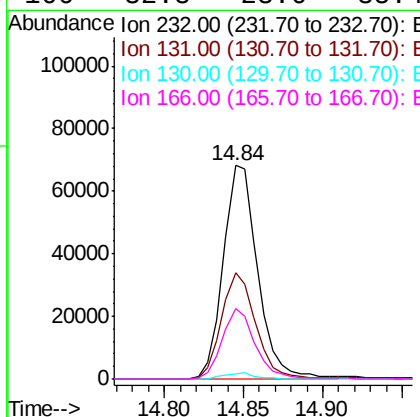
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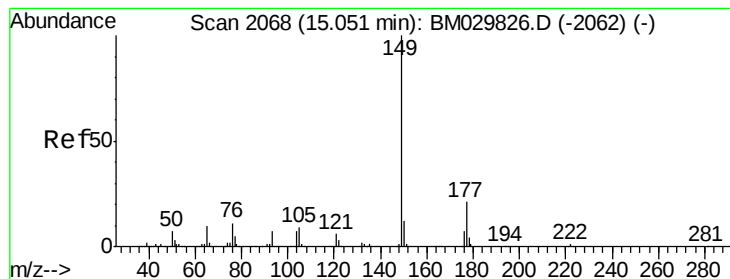
mohammad
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 29.969 ng/ul
 RT: 14.84 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BM029831.D
 Acq: 05 May 2021 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	103011		
131	49.9	36.9	55.3	
130	2.7	2.1	3.1	
166	32.8	23.6	35.4	





#59

Diethylphthalate

Concen: 31.006 ng/ul

RT: 15.05 min Scan# 2068

Delta R.T. -0.00 min

Lab File: BM029831.D

Acq: 05 May 2021 17:44

Instrument :

BNA_M

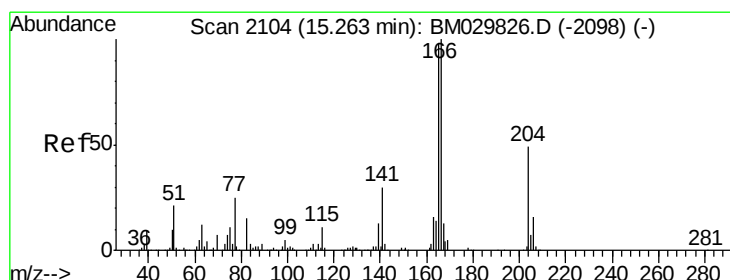
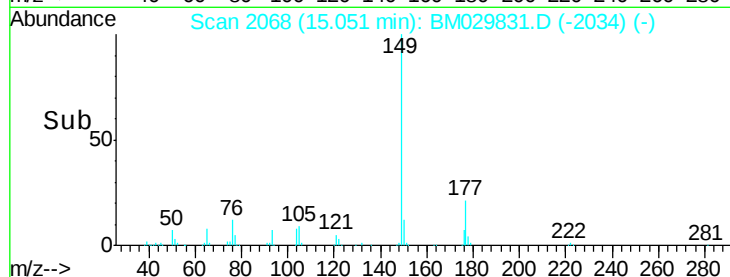
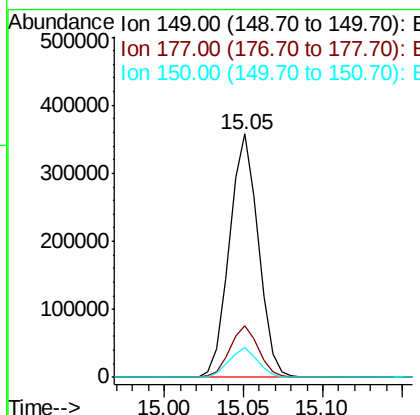
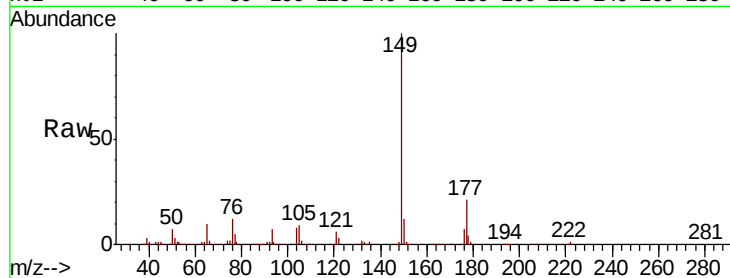
ClientSampleId :

E0AB9MS

Tot Ion:	149	Resp:	452812
Ion Ratio	Lower	Upper	
149	100		
177	21.3	17.2	25.8
150	12.3	10.2	15.4

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#61

Fluorene

Concen: 27.620 ng/ul

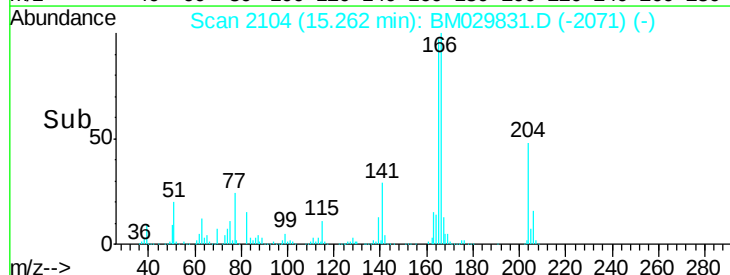
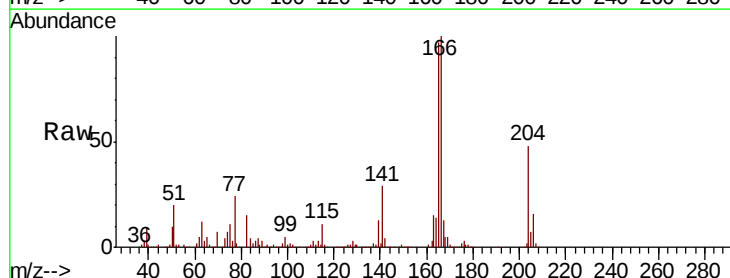
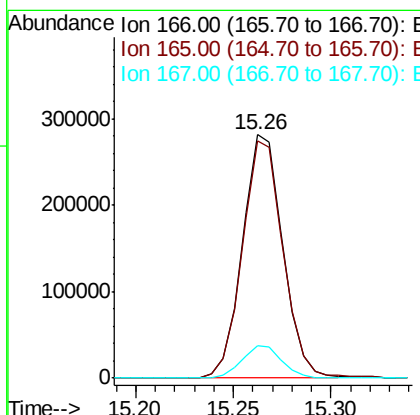
RT: 15.26 min Scan# 2104

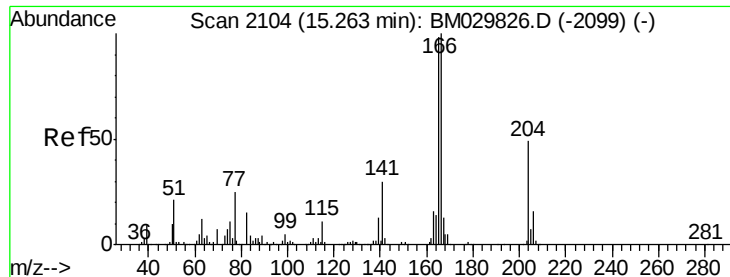
Delta R.T. -0.01 min

Lab File: BM029831.D

Acq: 05 May 2021 17:44

Tgt Ion:	166	Resp:	402448
Ion Ratio	Lower	Upper	
166	100		
165	97.5	78.7	118.1
167	13.3	11.2	16.8





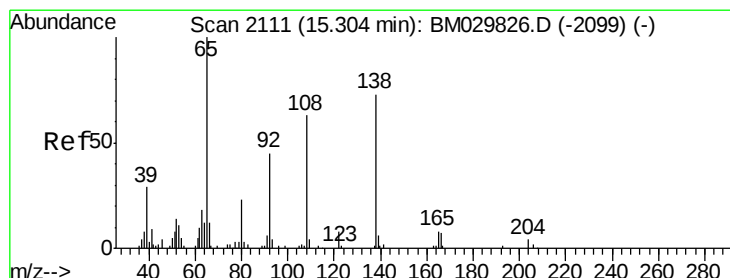
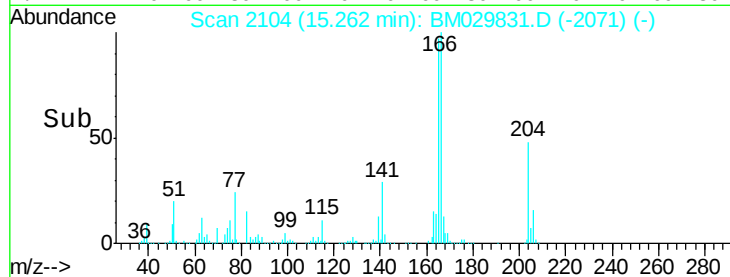
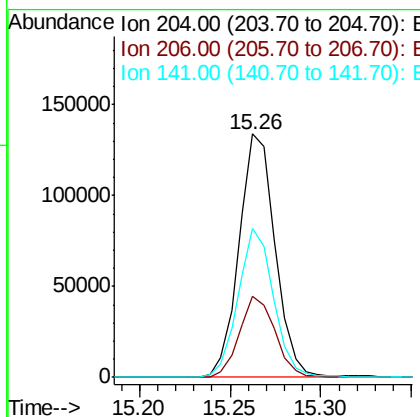
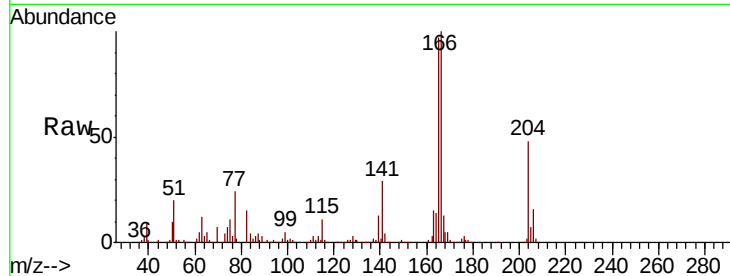
#62
 4-Chlorophenyl-phenylether
 Concen: 26.423 ng/ul
 RT: 15.26 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BM029831.D
 Acq: 05 May 2021 17:44

Instrument :
 BNA_M
 ClientSampleId :
 E0AB9MS

Tot Ion:	204	Resp:	185676
Ion Ratio	Lower	Upper	
204	100		
206	33.5	26.3	39.5
141	61.1	45.7	68.5

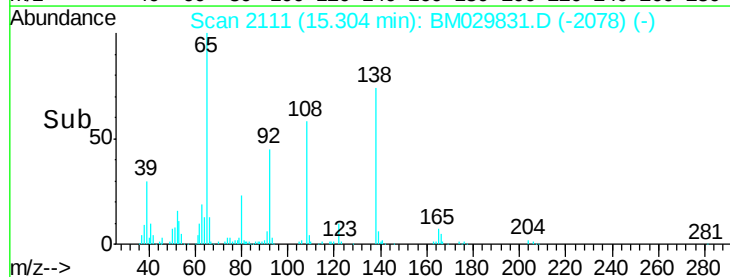
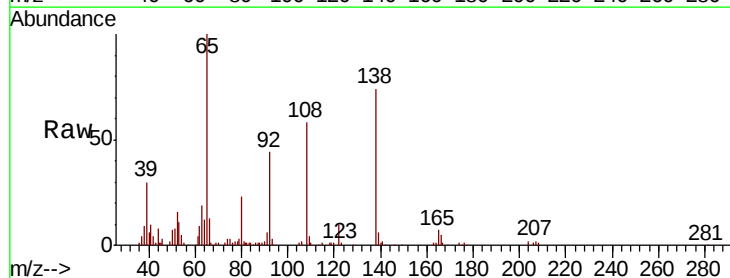
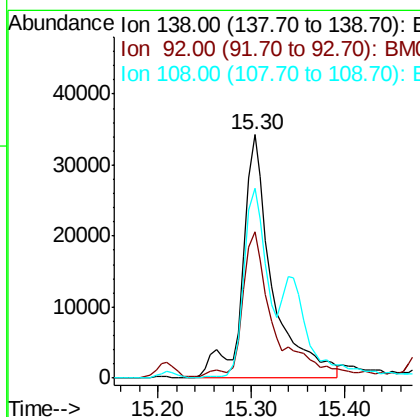
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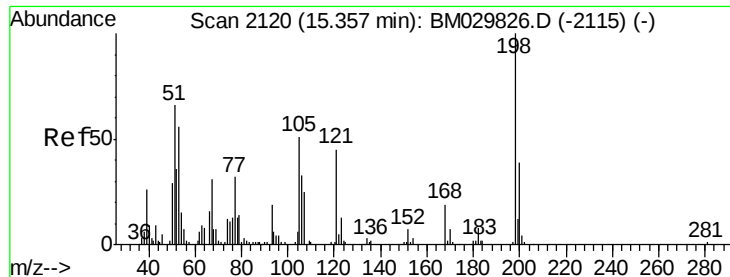
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#63
 4-Nitroaniline
 Concen: 25.681 ng/ul m
 RT: 15.30 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: BM029831.D
 Acq: 05 May 2021 17:44

Tgt Ion:	138	Resp:	76132
Ion Ratio	Lower	Upper	
138	100		
92	60.1	44.4	66.6
108	77.9	58.5	87.7





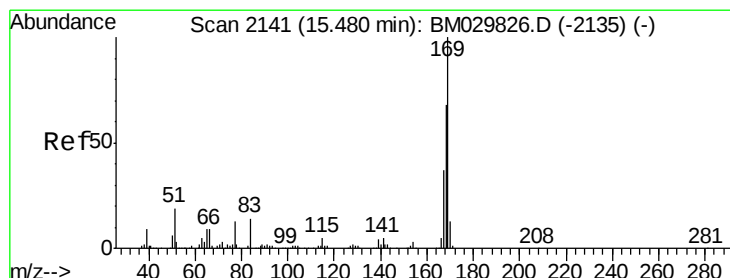
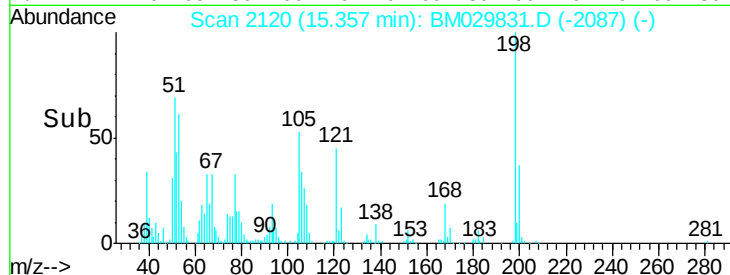
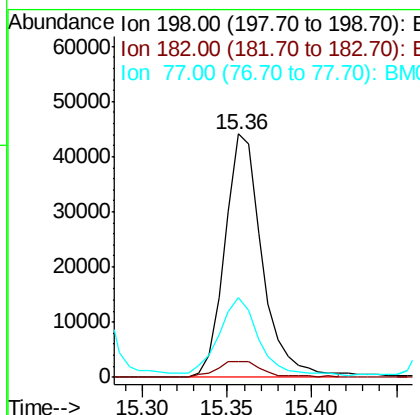
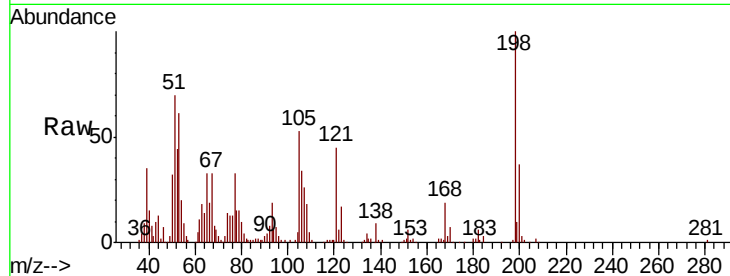
#66
 4,6-Dinitro-2-methylphenol
 Concen: 27.260 ng/ul
 RT: 15.36 min Scan# 2120
 Delta R.T. -0.01 min
 Lab File: BM029831.D
 Acq: 05 May 2021 17:44

Instrument :
 BNA_M
 ClientSampleId :
 E0AB9MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	67685		
182	6.2		4.4	6.6
77	32.7		22.2	33.2

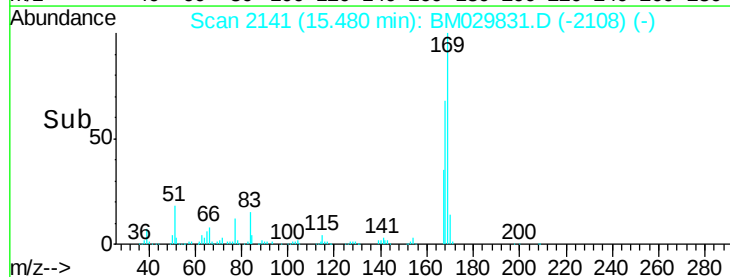
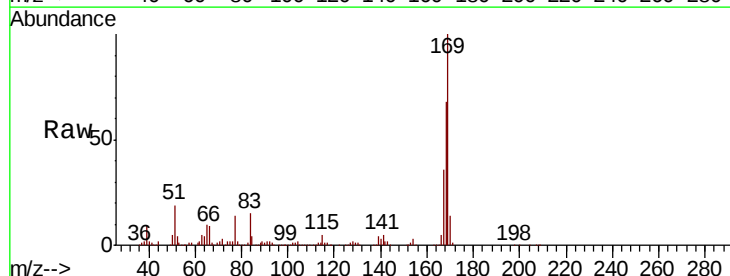
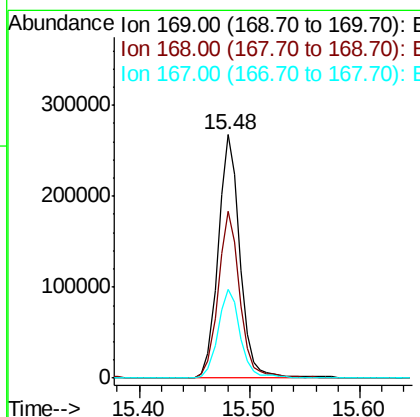
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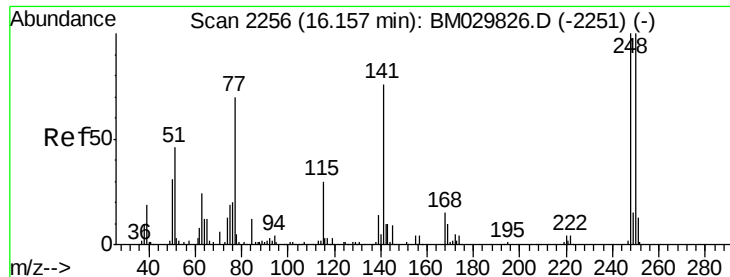
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#67
 N-Nitrosodiphenylamine
 Concen: 29.614 ng/ul
 RT: 15.48 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BM029831.D
 Acq: 05 May 2021 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	368954		
168	68.5		52.3	78.5
167	36.5		28.1	42.1





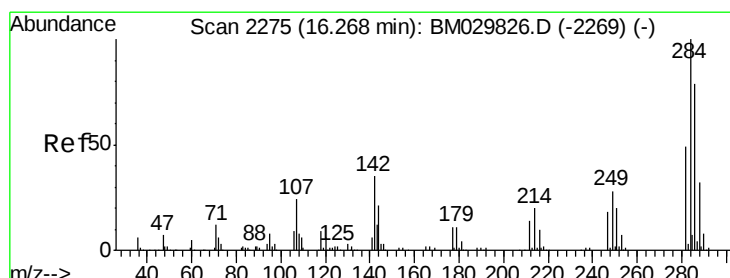
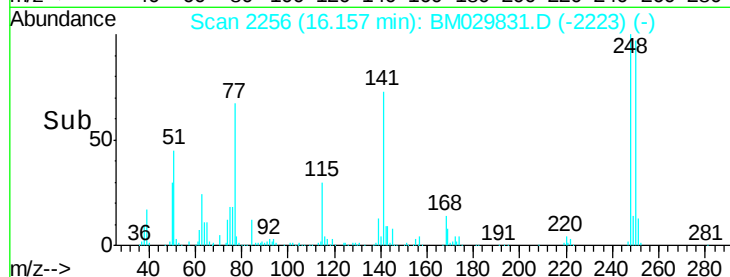
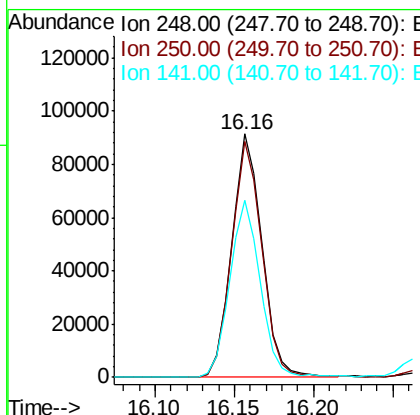
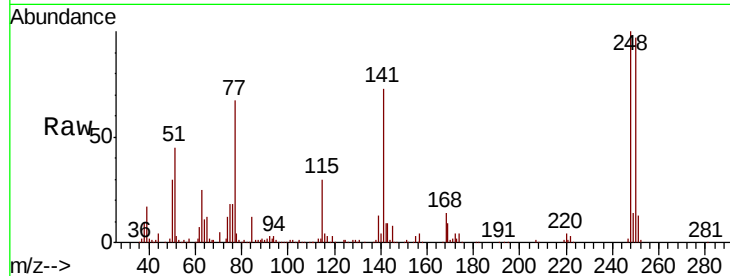
#68
4-Bromophenyl-phenylether
Concen: 28.528 ng/ul
RT: 16.16 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM029831.D
Acq: 05 May 2021 17:44

Instrument :
BNA_M
ClientSampleId :
E0AB9MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	79.0	118.4
141	72.8	56.7	85.1

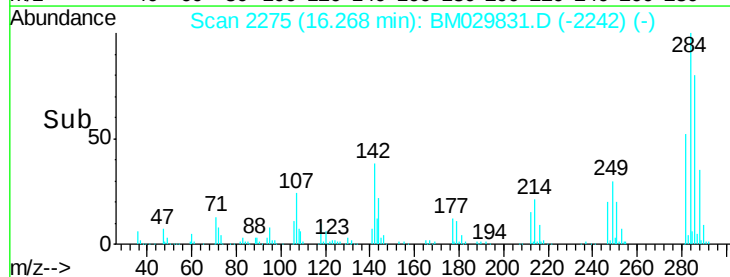
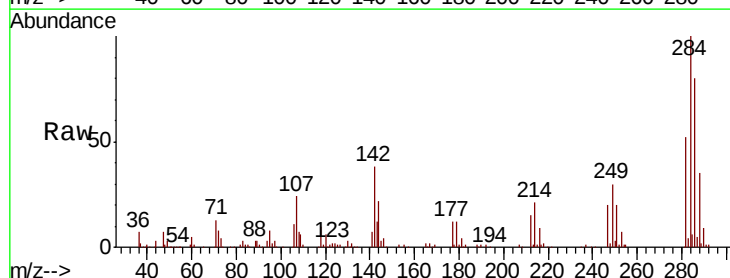
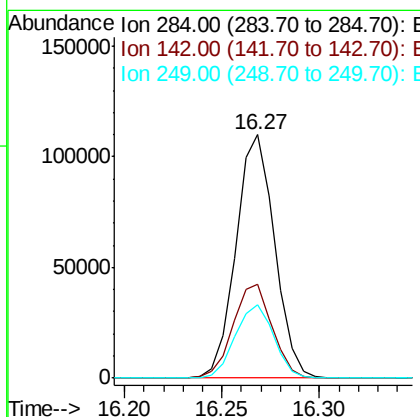
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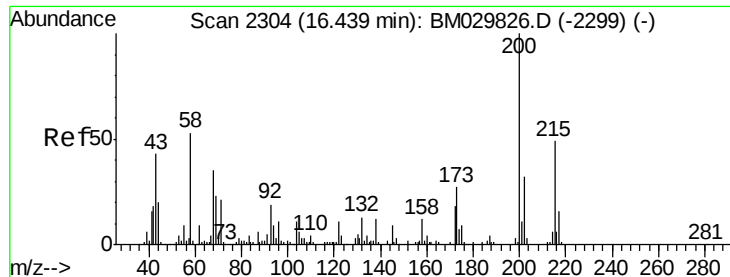
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#69
Hexachlorobenzene
Concen: 30.176 ng/ul
RT: 16.27 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BM029831.D
Acq: 05 May 2021 17:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.4	27.4	41.2
249	30.3	23.9	35.9





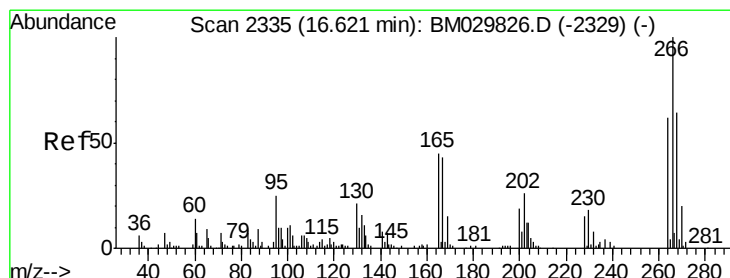
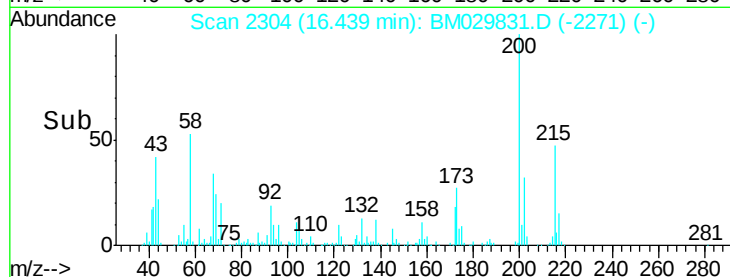
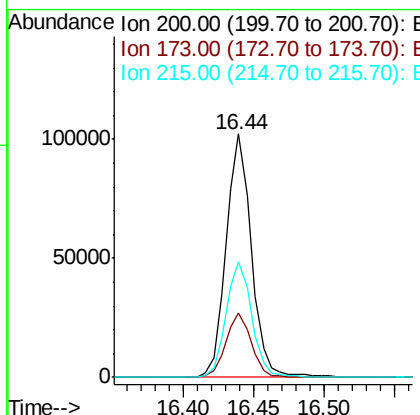
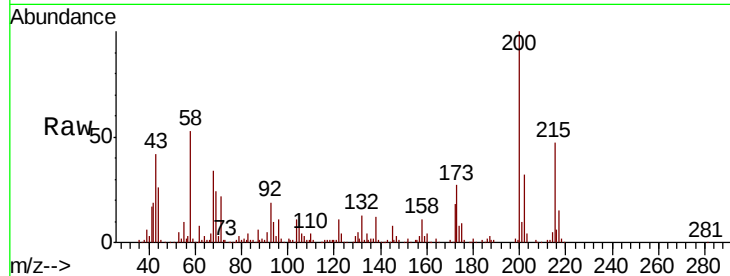
#70
Atrazine
Concen: 28.646 ng/ul
RT: 16.44 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BM029831.D
Acq: 05 May 2021 17:44

Instrument :
BNA_M
ClientSampled :
E0AB9MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.6	20.3	30.5
215	47.3	38.6	57.8

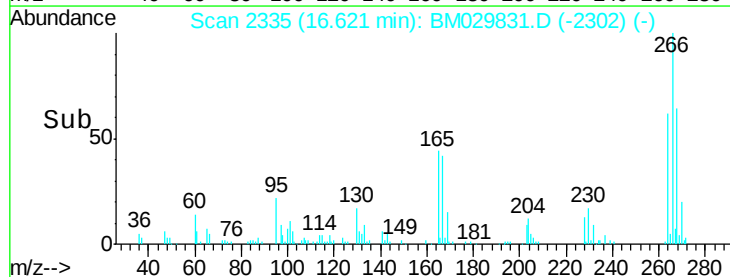
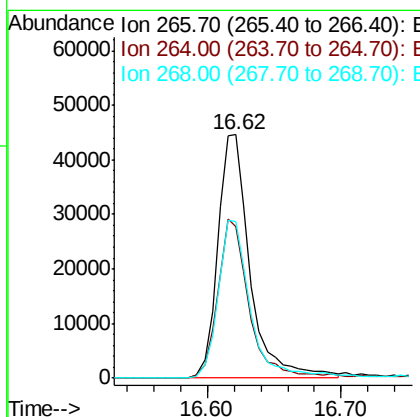
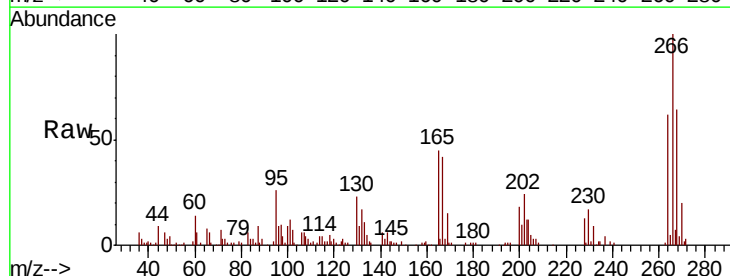
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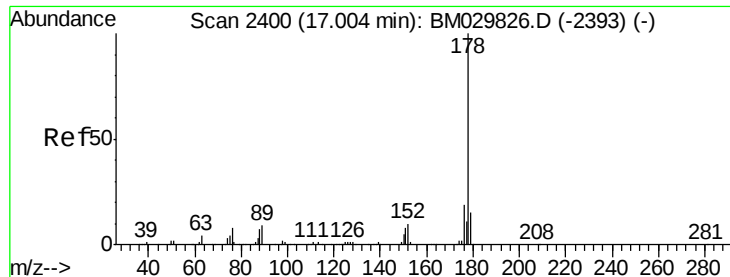
mohammad
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#71
Pentachlorophenol
Concen: 27.613 ng/ul
RT: 16.62 min Scan# 2335
Delta R.T. -0.01 min
Lab File: BM029831.D
Acq: 05 May 2021 17:44

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
264	62.0	46.3	69.5
268	64.3	46.5	69.7





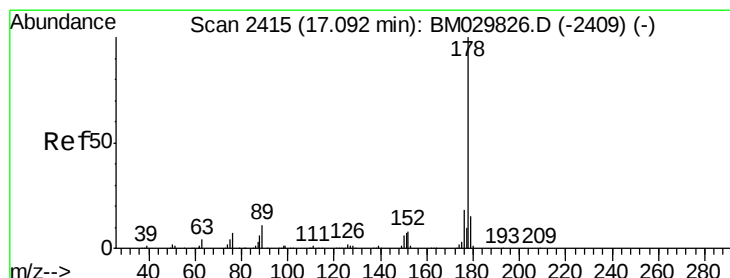
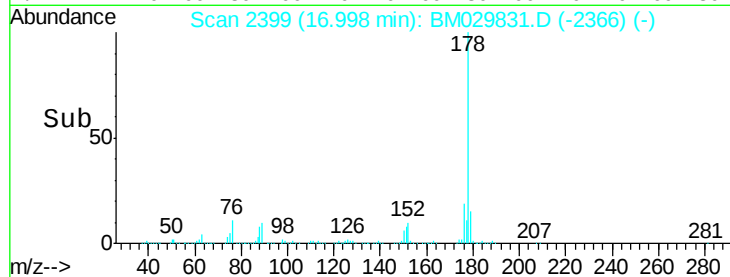
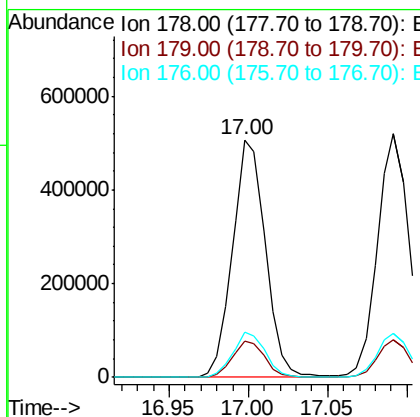
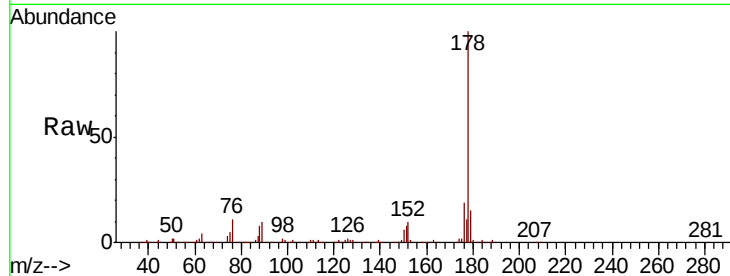
#72
Phenanthrene
Concen: 32.189 ng/ul
RT: 17.00 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM029831.D
Acq: 05 May 2021 17:44

Instrument :
BNA_M
ClientSampleId :
E0AB9MS

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.8	15.0	22.6

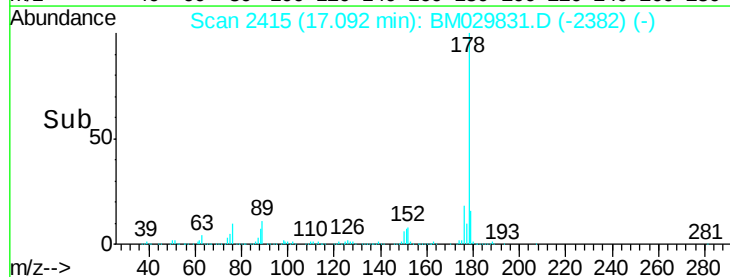
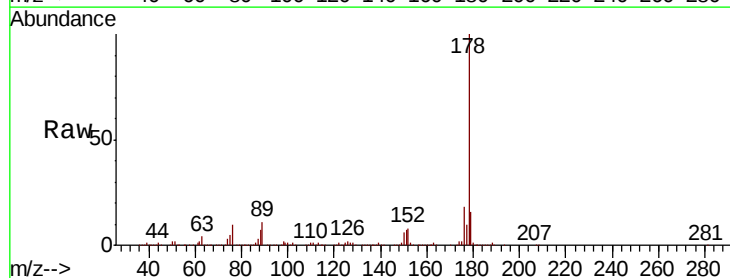
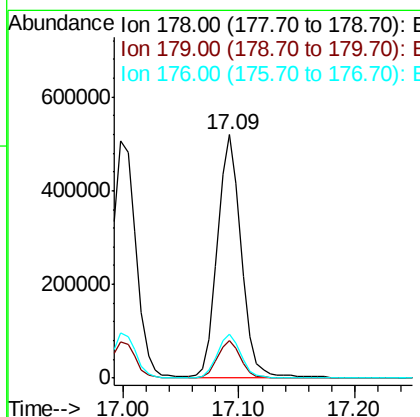
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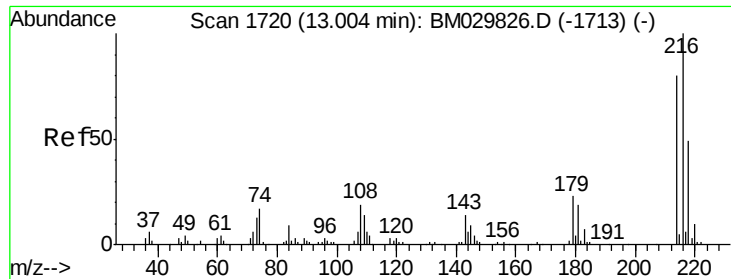
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#74
Anthracene
Concen: 32.012 ng/ul
RT: 17.09 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM029831.D
Acq: 05 May 2021 17:44

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.9	17.9
176	18.1	14.3	21.5





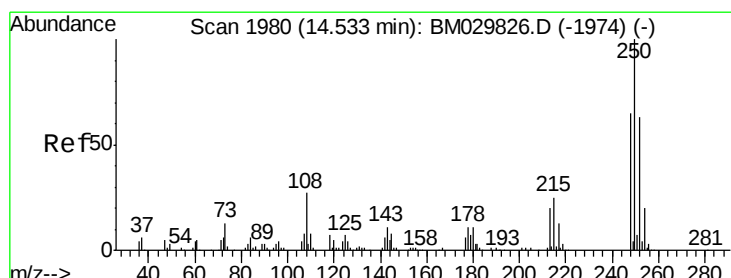
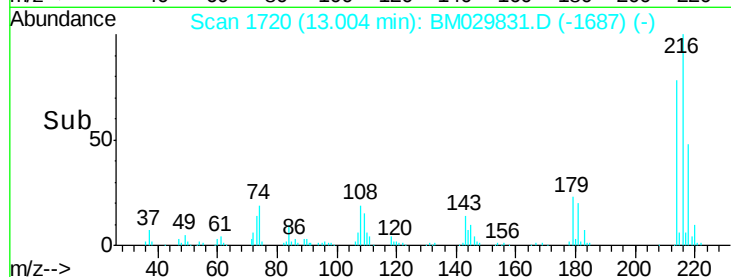
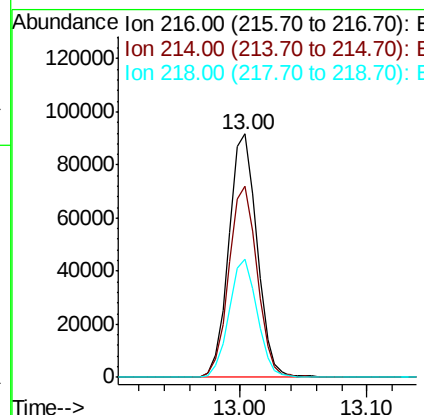
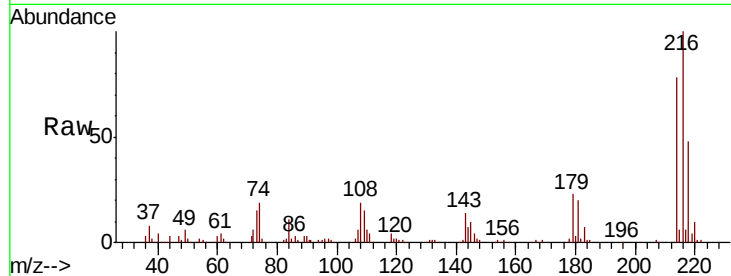
#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 21.532 ng/uL
 RT: 13.00 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BM029831.D
 Acq: 05 May 2021 17:44

Instrument :
 BNA_M
 ClientSampleId :
 E0AB9MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	140933		
214	78.4	61.8	92.8	
218	48.4	39.2	58.8	

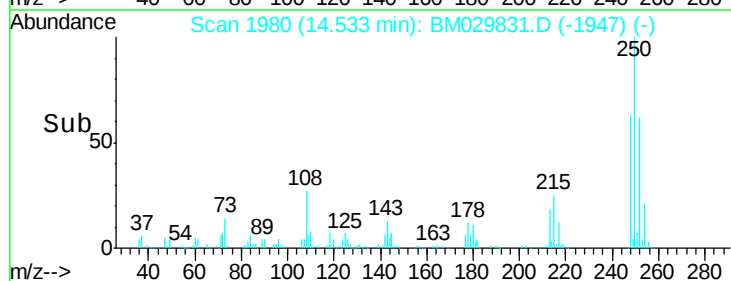
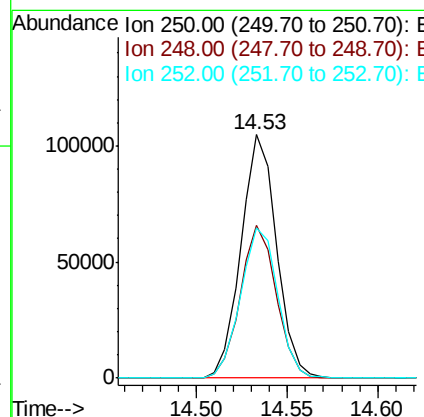
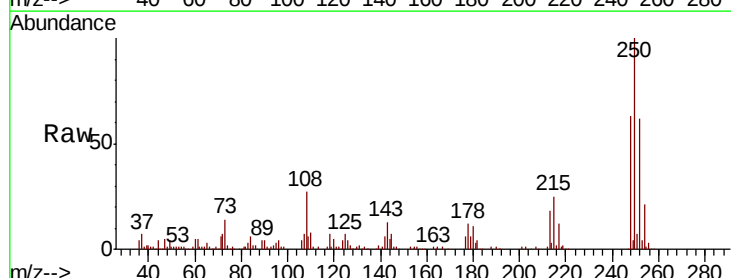
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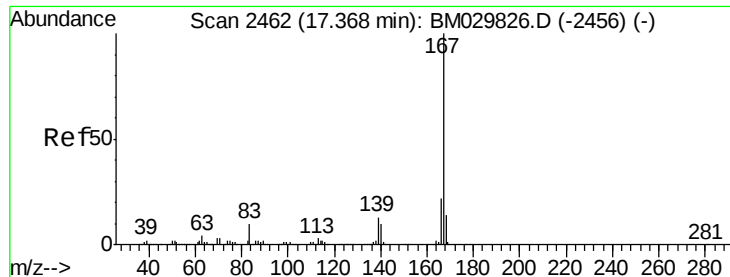
mohammad
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#76
 Pentachlorobenzene
 Concen: 23.992 ng/uL
 RT: 14.53 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BM029831.D
 Acq: 05 May 2021 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
250	100	143402		
248	63.0	49.9	74.9	
252	61.9	49.3	73.9	





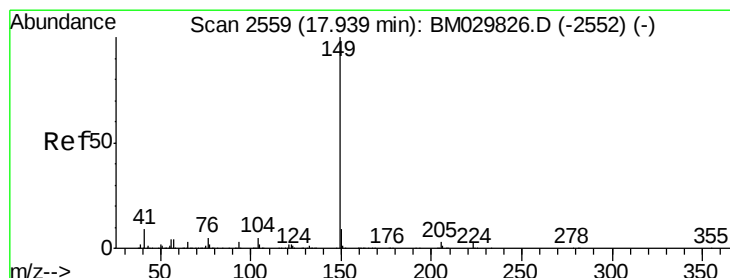
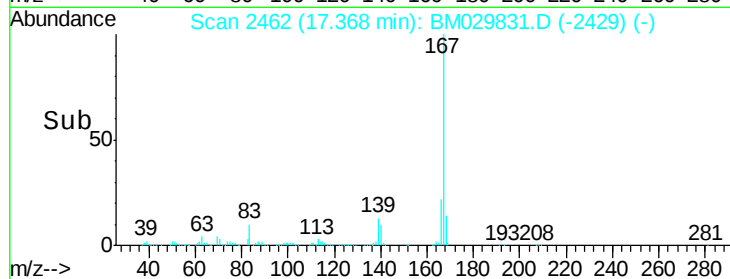
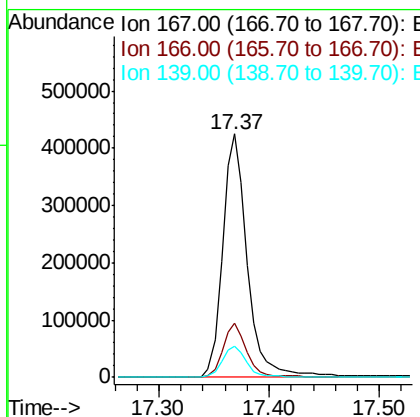
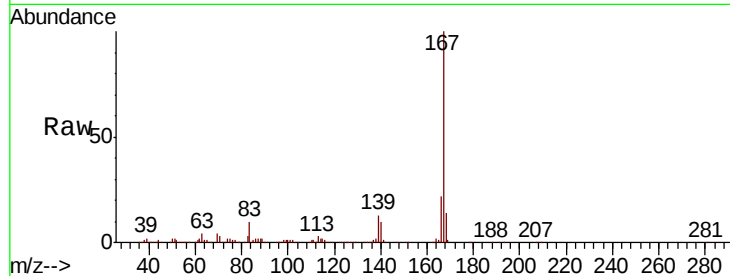
#77
 Carbazole
 Concen: 31.582 ng/ul
 RT: 17.37 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BM029831.D
 Acq: 05 May 2021 17:44

Instrument :
 BNA_M
 ClientSampled :
 E0AB9MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.2	25.8
139	12.6	10.4	15.6

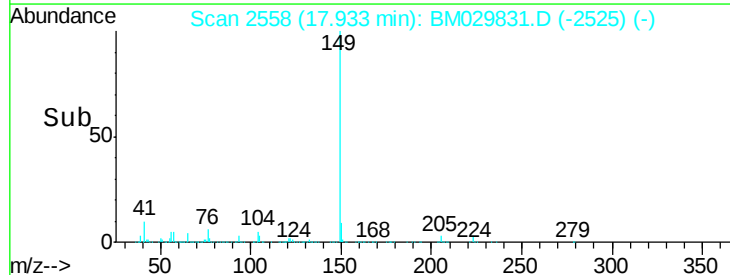
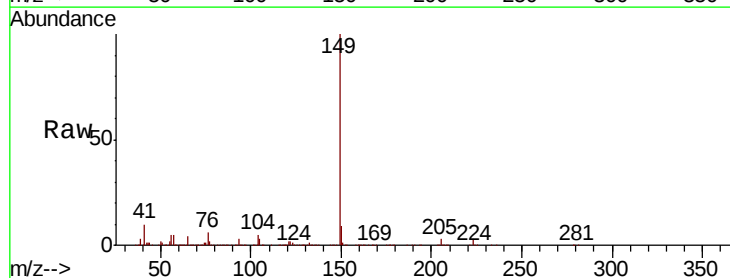
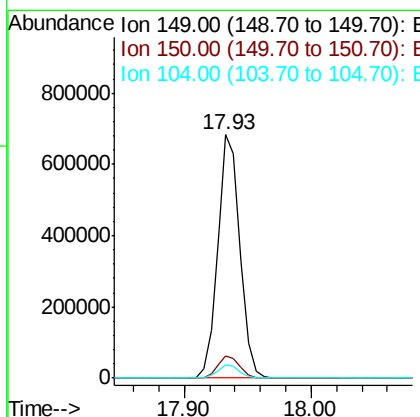
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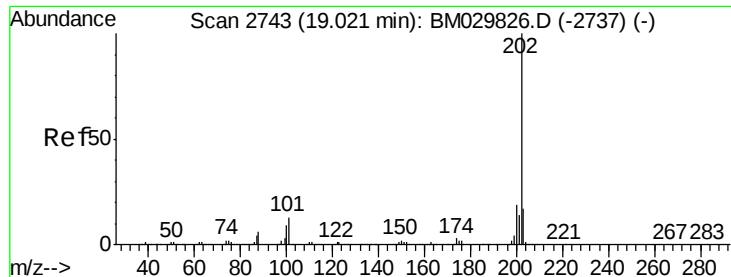
mohammad
 5/6/2021 4:48:59 PM



#78
 Di-n-butylphthalate
 Concen: 34.137 ng/ul
 RT: 17.93 min Scan# 2558
 Delta R.T. -0.01 min
 Lab File: BM029831.D
 Acq: 05 May 2021 17:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.2	10.8
104	5.4	4.1	6.1





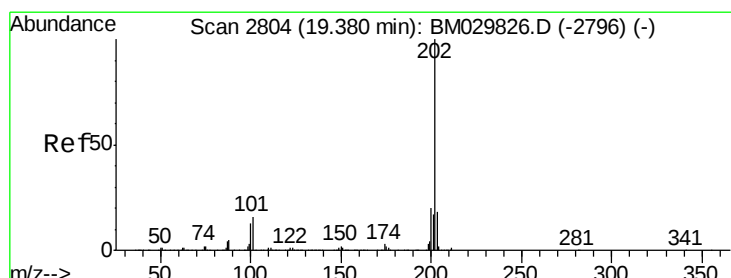
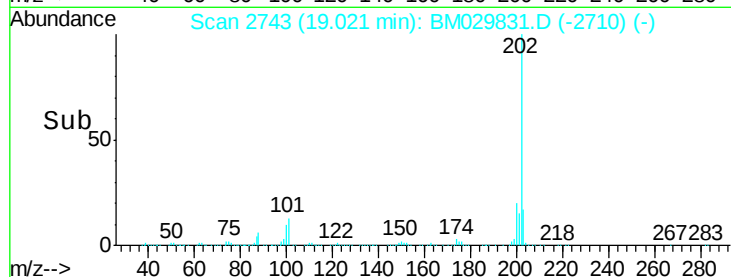
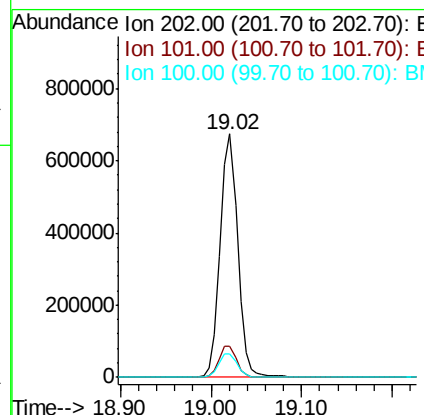
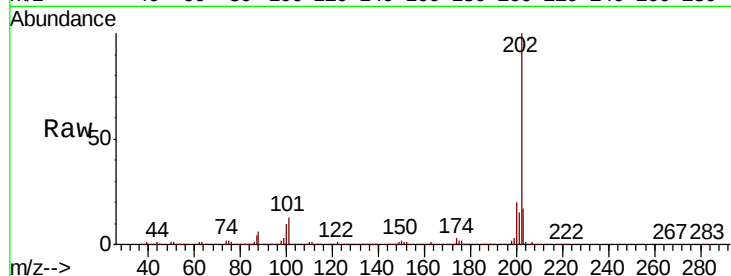
#80
Fluoranthene
Concen: 34.491 ng/ul
RT: 19.02 min Scan# 2743
Delta R.T. -0.01 min
Lab File: BM029831.D
Acq: 05 May 2021 17:44

Instrument :
BNA_M
ClientSampleId :
E0AB9MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	12.8	9.8	14.6		
100	9.8	7.7	11.5		

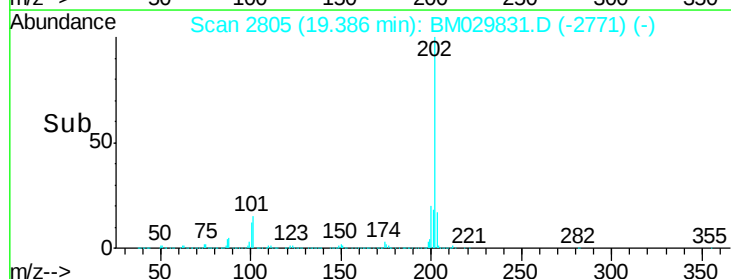
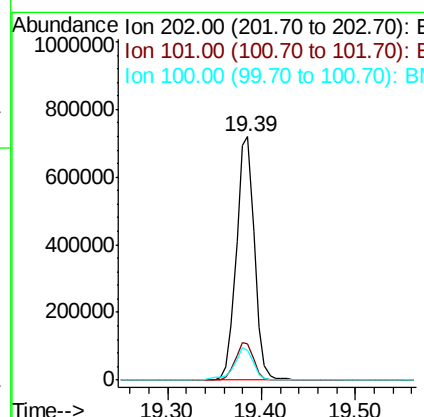
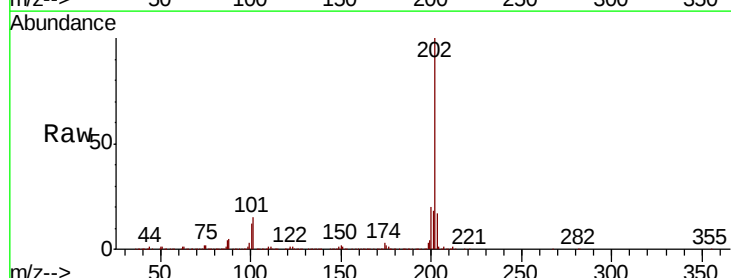
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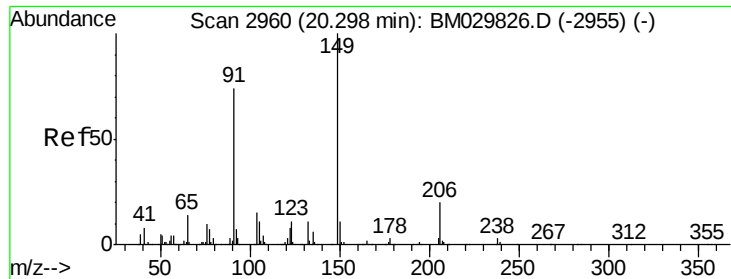
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#82
Pyrene
Concen: 34.212 ng/ul
RT: 19.39 min Scan# 2805
Delta R.T. -0.00 min
Lab File: BM029831.D
Acq: 05 May 2021 17:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	14.7	11.5	17.3		
100	12.4	10.0	15.0		





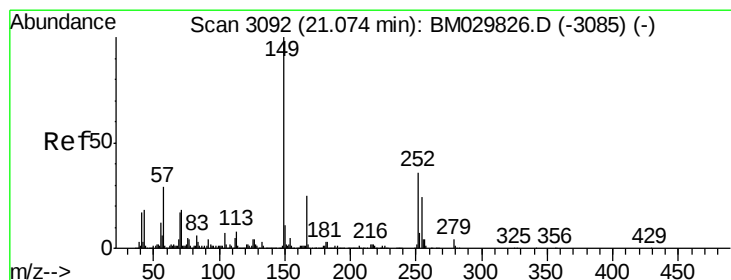
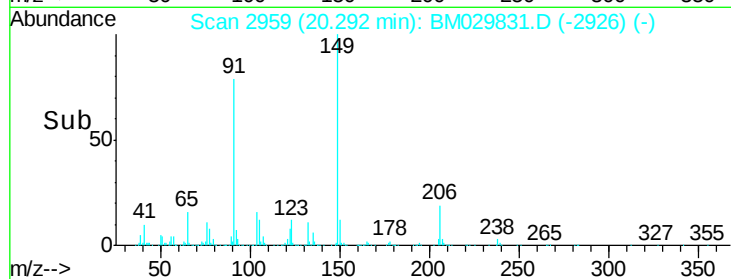
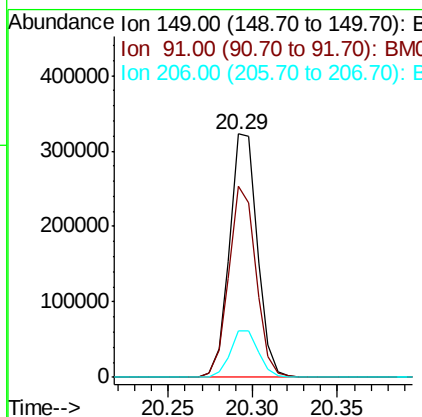
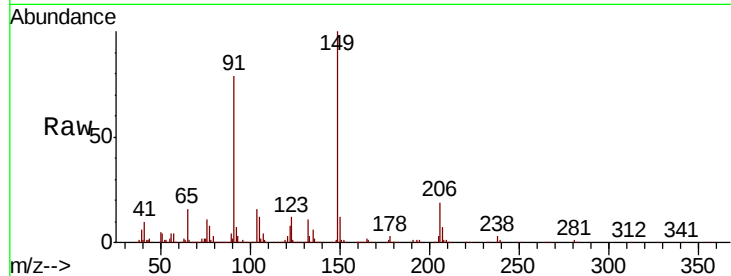
#83
 Butylbenzylphthalate
 Concen: 33.151 ng/ul
 RT: 20.29 min Scan# 2959
 Delta R.T. -0.01 min
 Lab File: BM029831.D
 Acq: 05 May 2021 17:44

Instrument :
 BNA_M
 ClientSampleId :
 E0AB9MS

Tot Ion:	149	Resp:	368521
Ion Ratio	Lower	Upper	
149	100		
91	78.5	62.2	93.4
206	18.8	15.4	23.2

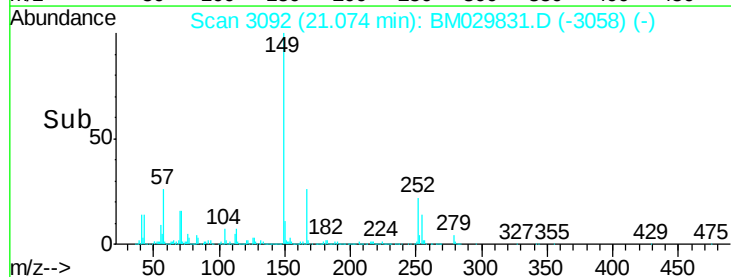
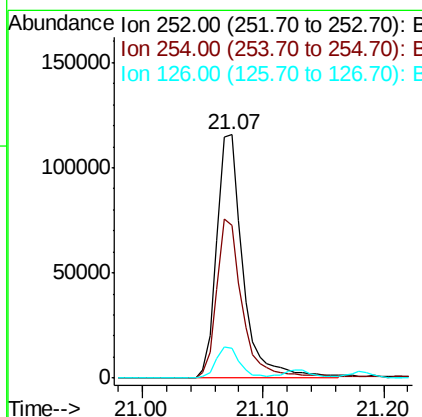
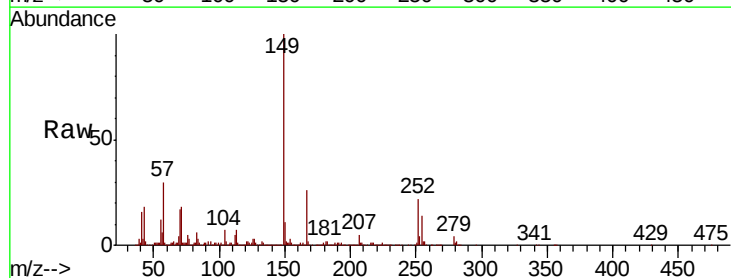
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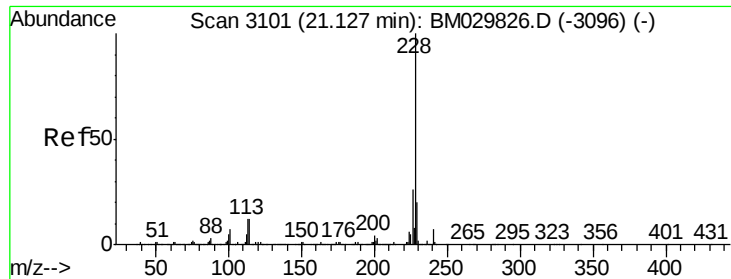
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#84
 3,3'-Dichlorobenzidine
 Concen: 17.606 ng/ul
 RT: 21.07 min Scan# 3092
 Delta R.T. -0.00 min
 Lab File: BM029831.D
 Acq: 05 May 2021 17:44

Tgt Ion:	252	Resp:	173923
Ion Ratio	Lower	Upper	
252	100		
254	63.0	51.0	76.6
126	12.4	9.8	14.8





#85

Benzo(a)anthracene

Concen: 34.749 ng/ul

RT: 21.13 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BM029831.D

Acq: 05 May 2021 17:44

Instrument :

BNA_M

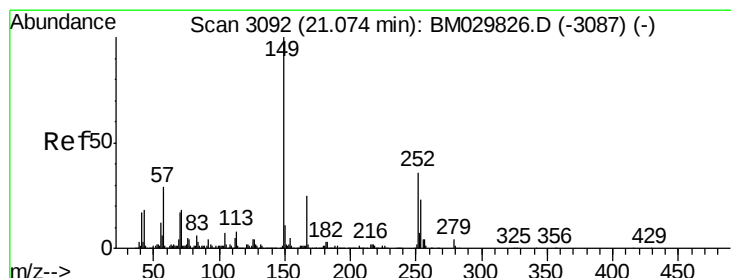
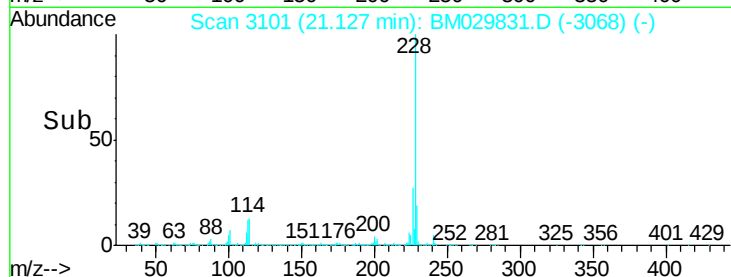
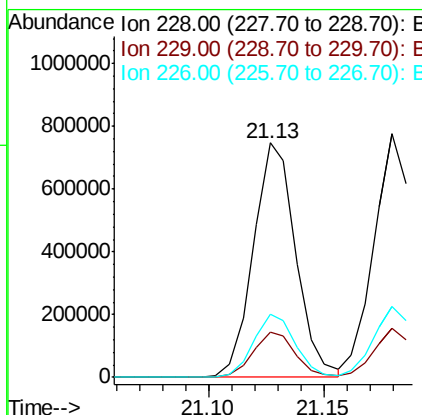
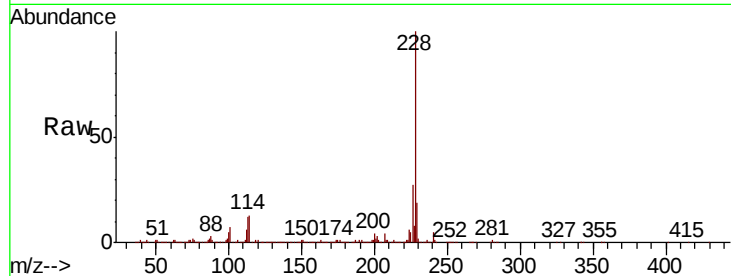
ClientSampled :

E0AB9MS

Tot Ion:	228	Resp:	954742
Ion Ratio	Lower	Upper	
228	100		
229	19.5	15.8	23.6
226	26.9	21.0	31.6

Manual Integrations
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#86

Bis(2-ethylhexyl)phthalate

Concen: 33.609 ng/ul

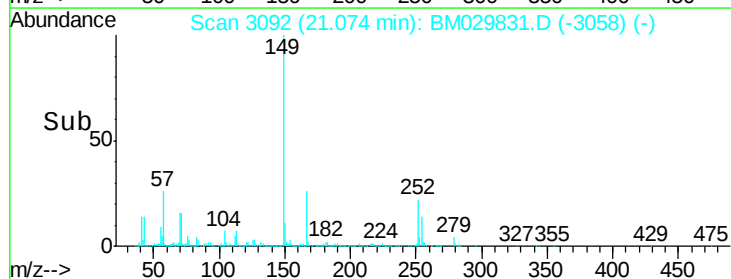
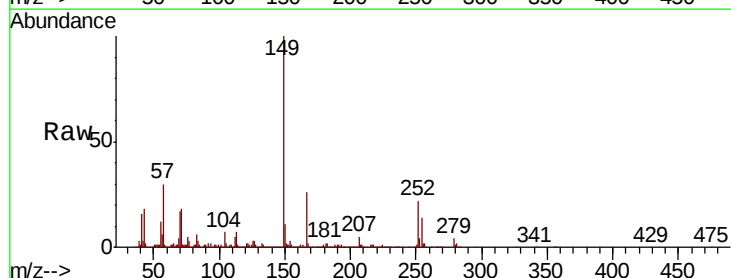
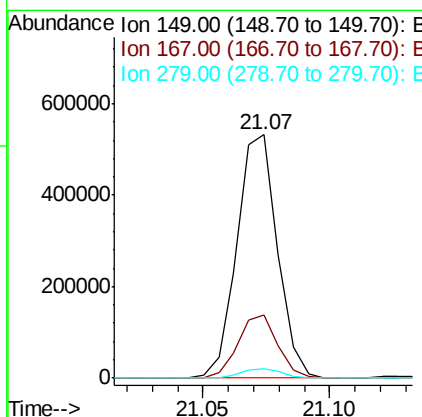
RT: 21.07 min Scan# 3092

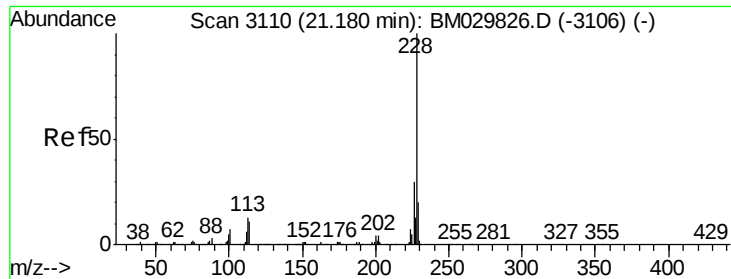
Delta R.T. -0.00 min

Lab File: BM029831.D

Acq: 05 May 2021 17:44

Tgt Ion:	149	Resp:	587250
Ion Ratio	Lower	Upper	
149	100		
167	25.8	21.2	31.8
279	4.1	2.9	4.3





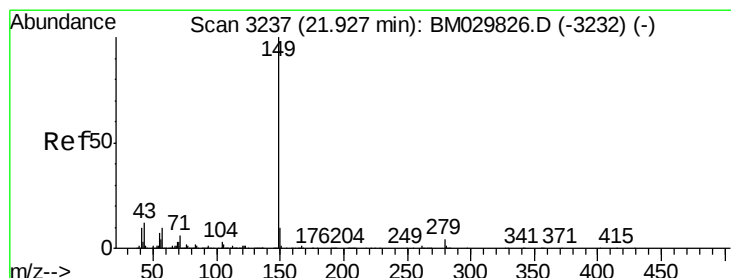
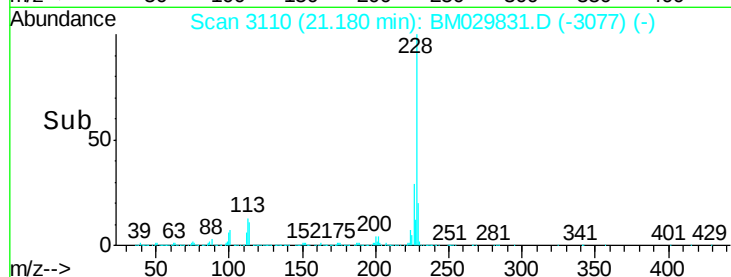
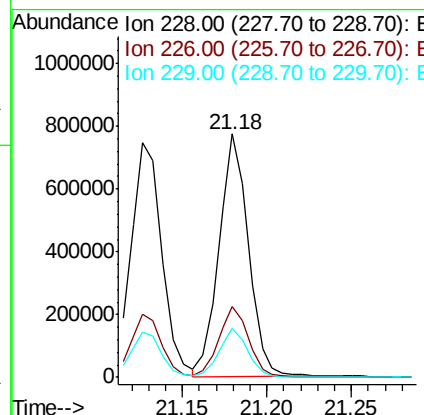
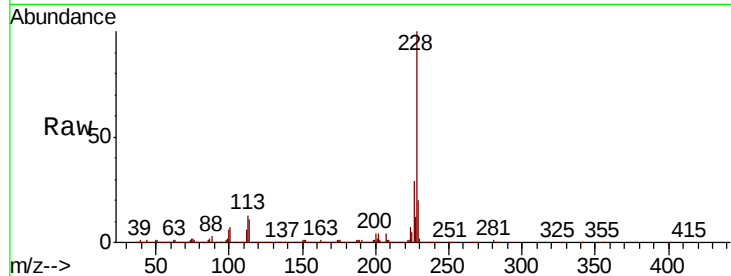
#87
Chrysene
Concen: 33.822 ng/ul
RT: 21.18 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM029831.D
Acq: 05 May 2021 17:44

Instrument :
BNA_M
ClientSampleId :
E0AB9MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.1	34.7
229	20.0	15.8	23.6

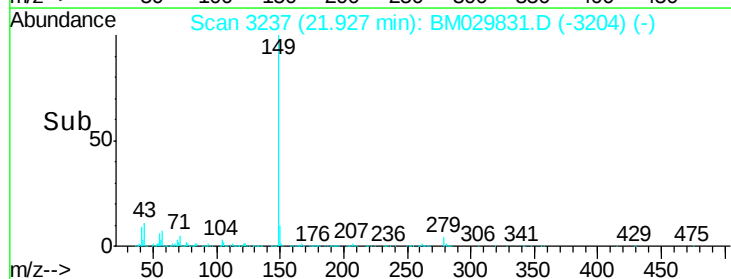
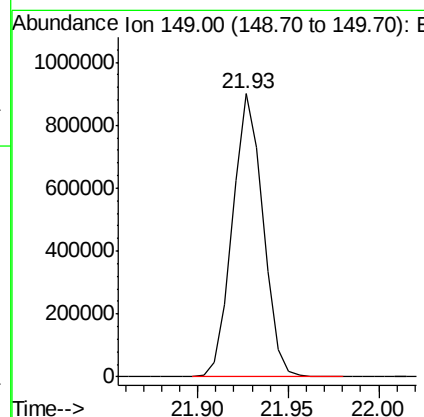
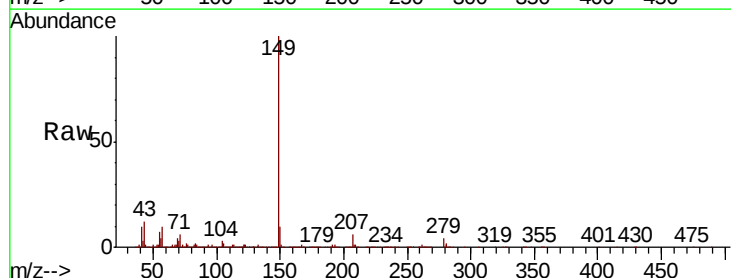
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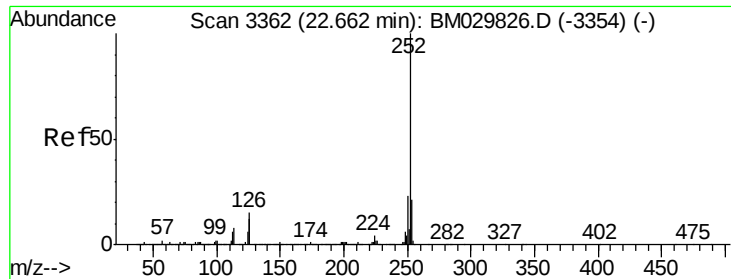
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#89
Di-n-octyl phthalate
Concen: 31.008 ng/ul
RT: 21.93 min Scan# 3237
Delta R.T. -0.01 min
Lab File: BM029831.D
Acq: 05 May 2021 17:44

Tgt Ion:149 Resp: 1046222





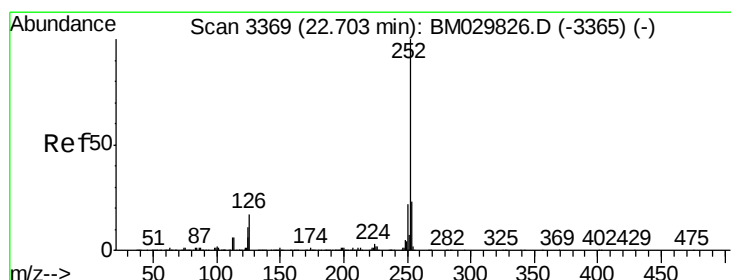
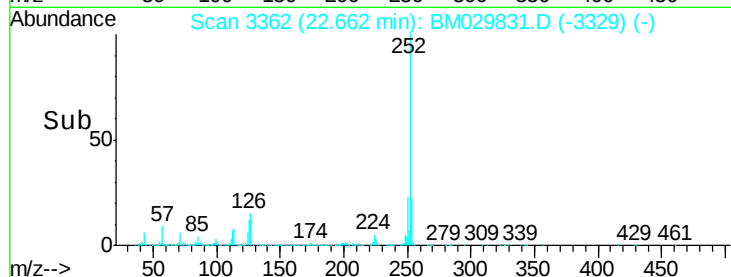
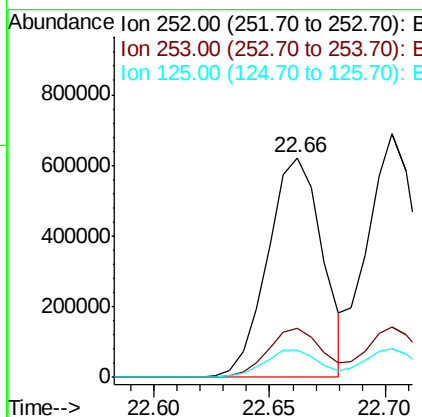
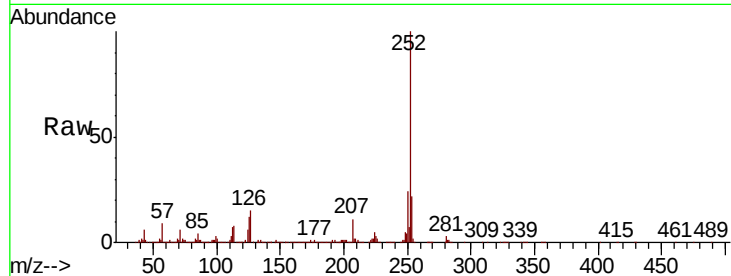
#90
Benzo(b)fluoranthene
Concen: 33.246 ng/ul
RT: 22.66 min Scan# 3362
Delta R.T. -0.01 min
Lab File: BM029831.D
Acq: 05 May 2021 17:44

Instrument :
BNA_M
ClientSampleId :
E0AB9MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.7	26.5
125	12.3	9.2	13.8

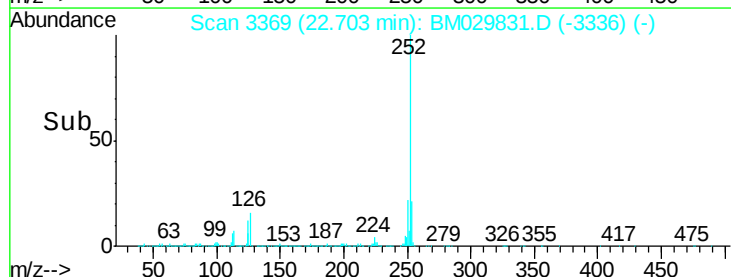
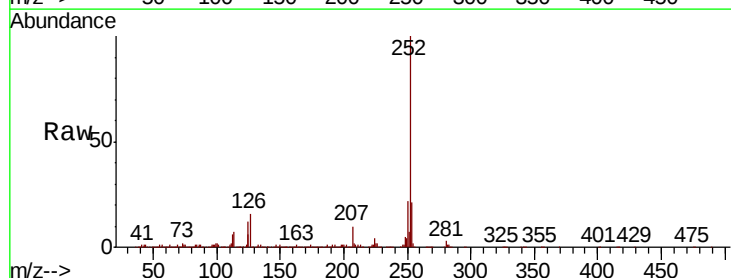
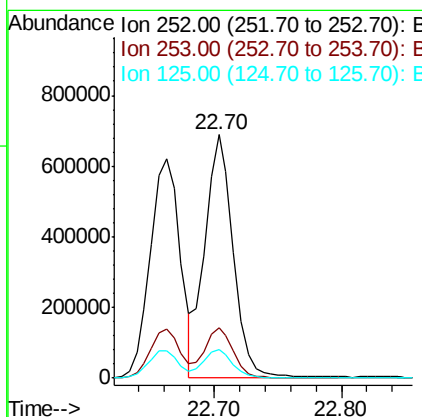
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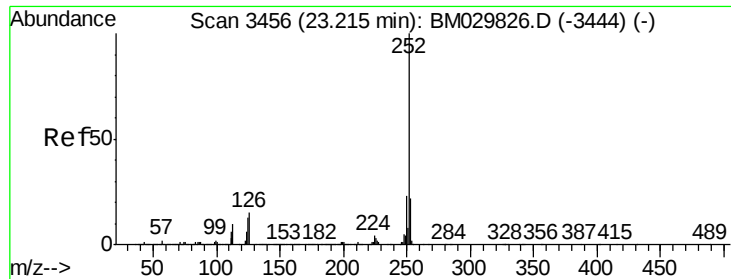
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#91
Benzo(k)fluoranthene
Concen: 35.503 ng/ul
RT: 22.70 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM029831.D
Acq: 05 May 2021 17:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.9	26.9
125	11.8	8.9	13.3





#93

Benzo(a)pyrene

Concen: 33.886 ng/ul

RT: 23.21 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BM029831.D

Acq: 05 May 2021 17:44

Instrument :

BNA_M

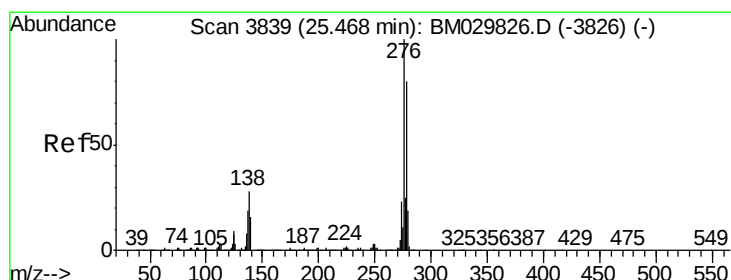
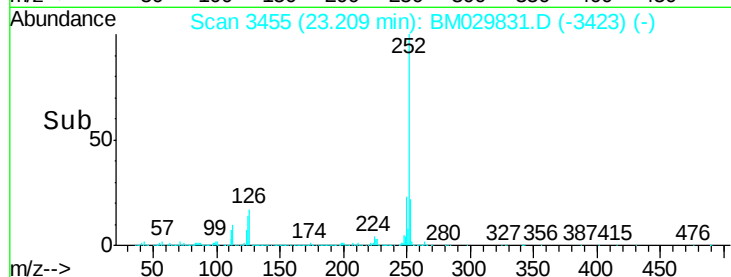
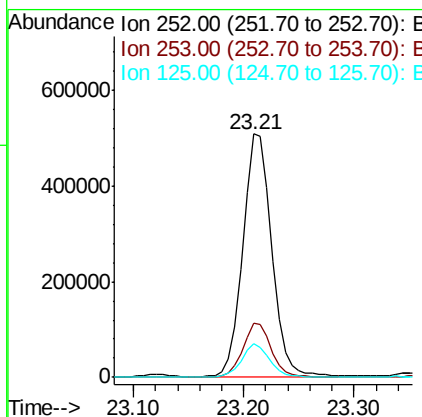
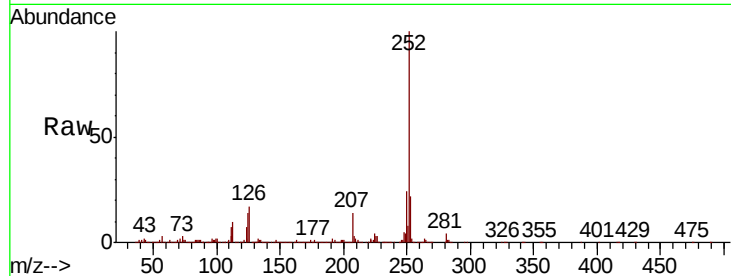
ClientSampleId :

E0AB9MS

Tot Ion:	252	Resp:	937425
Ion Ratio		Lower	Upper
252	100		
253	22.1	17.0	25.6
125	13.8	9.6	14.4

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#94

Indeno(1,2,3-cd)pyrene

Concen: 34.758 ng/ul

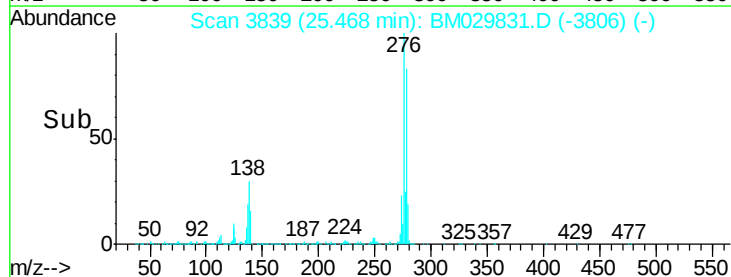
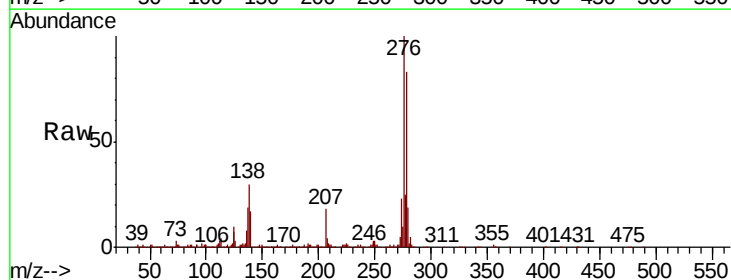
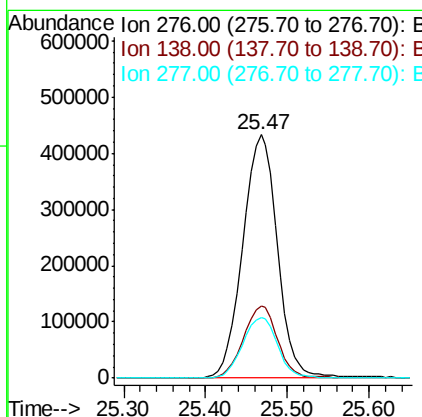
RT: 25.47 min Scan# 3839

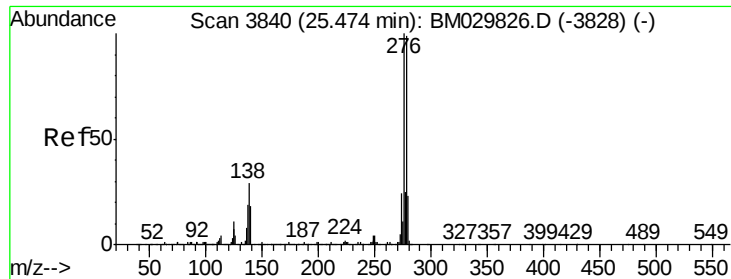
Delta R.T. -0.01 min

Lab File: BM029831.D

Acq: 05 May 2021 17:44

Tgt Ion:	276	Resp:	1276480
Ion Ratio		Lower	Upper
276	100		
138	29.8	20.4	30.6
277	24.7	19.9	29.9





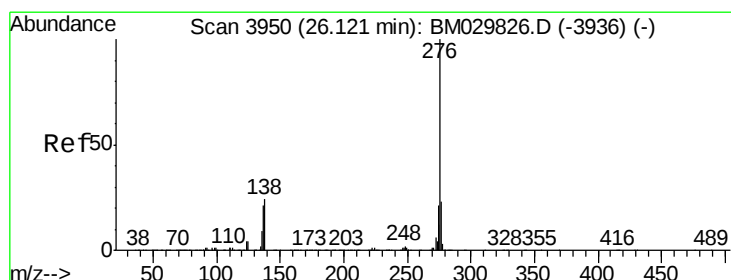
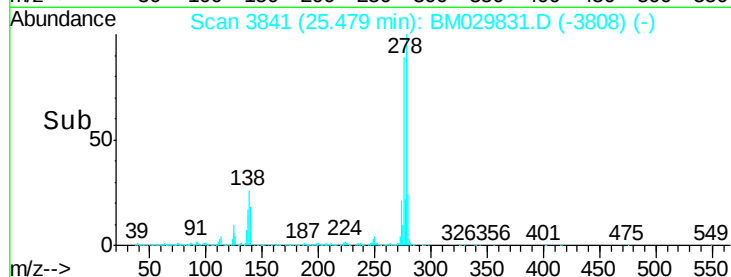
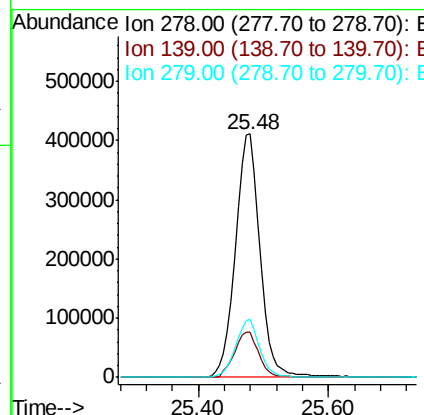
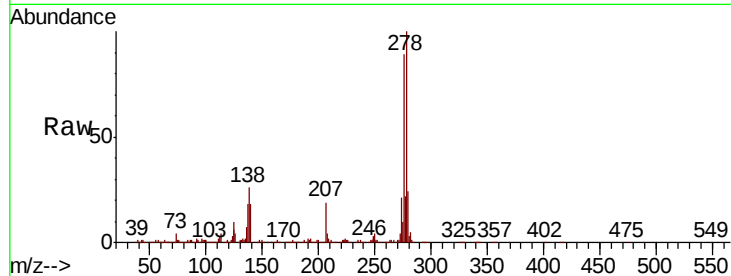
#95
Dibenzo(a,h)anthracene
Concen: 35.066 ng/ul
RT: 25.48 min Scan# 3841
Delta R.T. -0.01 min
Lab File: BM029831.D
Acq: 05 May 2021 17:44

Instrument :
BNA_M
ClientSampleId :
E0AB9MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.3	13.9	20.9
279	24.0	18.4	27.6

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#96
Benzo(g,h,i)perylene
Concen: 26.000 ng/ul
RT: 26.12 min Scan# 3950
Delta R.T. -0.02 min
Lab File: BM029831.D
Acq: 05 May 2021 17:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	18.2	27.4
277	23.1	18.8	28.2

